#### Minutes of 756<sup>th</sup> SEAC-2 Meeting Dated 29/05/2023

The  $756^{\text{th}}$  meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 29/05/2023. Following members participated in the meeting:

| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2            |
|----|-----------------------------|-----------------------------|
| 2. | Dr. Amrit Lal Haldar,       | Member, SEAC-2              |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tanzar Ullah Khan,     | Member, SEAC-2              |
| 5. | Prof. Jaswant Singh,        | Member, SEAC-2              |
| 6. | Dr. Shiv Om Singh,          | Member, SEAC-2              |
| 7. | Shri Ashish Tiwari,         | Member Secretary, SEAC-2    |

The Chairman welcomed the members to the 756<sup>th</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

### 1. <u>Group Housing Project "Celeste Towers" at Plot No.-A-60, Sector- 33, Noida, District-Gautam Buddha Nagar, ShriSanjeevSrivastva, M/s Assotech Ltd., 7814/ Proposal No.</u> <u>SIA/UP/INFRA2/427247/2023</u>

#### **RESOLUTION AGAINST AGENDA NO. 01**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

#### Building Stone (Sand Stone) Mine at Gata No 708 J, Village- Chandlevakalan, Tehsil-Sadar, District- Mirzapur, Shri Devendra Pratap Singh, Area- 1.153 ha., 7816/ Proposal No. SIA/UP/MIN/427467/2023

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 Cognizance Research India Pvt. Ltd. The committee members raised the query but PP/consultant couldn't give a satisfactory answer. The committee discussed the matter and directed the project proponent/consultant to submit following documents/information for the said project appraisal:

- 1. Original lab analysis report of the project proposal along with photographs of monitoring.
- 2. Combined KML of all mines in a cluster should be provided.
- 3. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted.
- 4. 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.
- 5. 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.
- 6. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted.

- 7. 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.
- 8. Revised Proposal for Corporate Environment Responsibility (CER) to be prepared and presented as per the MoEF guidelines.

The matter will be discussed after submission of above information of prescribed portal.

#### 3. <u>Integrated Township Project "Dwarika City" at Jansath Road Muzaffarnagar, Dwarika</u> <u>Balaji., 7818/ Proposal No. SIA/UP/INFRA2/414996/2023</u>

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 ENV DAS (India) Pvt. Ltd., Lucknow. The committee members raised the query regarding the said project violation case but PP/consultant couldn't give a satisfactory answer. The committee discussed the matter and directed the project proponent/consultant to submit following documents/information for the said project appraisal:

- 1. It is the case of violation category. So, the Proponent/consultant shall revise Form-1 and other documents as per violation SoP dated 07/07/2021 which include the project cost and incurred cost till filing of application. Incurred cost of the project till filing the case should be verified/prepared by the Govt. authorized valuer.
- 2. PP/consultant shall provide Drone videography of the project site.
- 3. The latest sites photographs of the township along with time, date and geo-coordinates and also provide the existing plantation and other existing structures in the township.
- 4. The project proponent should submit a green belt plan in the township as per guidelines of CPCB/Development authority.
- 5. Revised Proposal for Corporate Environment Responsibility (CER) to be prepared and presented as per the MoEF guidelines.
- 6. Proponent shall provide the dual pipeline network plan in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same.
- 7. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.
- 8. Revised Plan for parking along with electric vehicle charging station in the premises.
- 9. Revised plan for rain water harvesting (Recharging and storage of rainwater) with detail such as availability of water from rainwater harvesting and uses.
- 10. Revised proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with green belt layout plan/map. Adopt miyawaki plantation method.
- 11. Provide the details of water requirement with supply source. Submit the MoU with concerned authority for STP treated water use in construction activity as proposed.
- 12. EIA coordinator and Project Proponent to submit notarized affidavit as per prescribed performa.
- 13. PP/Consultant to submit Land allotment letter and chronology of allotment for the township.
- 14. Revised proposal of sewage treatment plant (STP) and MSW treatment and disposal facility specific to the respective project should be submitted.

The matter will be discussed after submission of above information of prescribed portal.

# 4. <u>"Building Stone (Granite Khanda, Boulder, Bailast (Gitti))" Project at "Building Stone (Granite Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 339 (Khand No.- 38 Old, 35 New), Village- Daharra, Tehsil- Mahoba, District- Mahoba, U.P., Akash Khatri, Area : 1.417 ha., 7820/7323/ Proposal No. SIA/UP/MIN/427603/2023</u>

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 environmental clearance is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 339 (Khand No.- 38 Old, 35 New), Village- Daharra, Tehsil-Mahoba, District- Mahoba, U.P., (Leased Area- 1.417 ha.).
- 2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 309/Parya/SEIAA/7323/2022 dated, 16<sup>th</sup> December, 2022.
- 3. The Public Hearing was organized on 14/03/2023. Final EIA Report was submitted by the Project Proponent on 29/04/2023.

| 2. 1<br>3. 1<br>4. 1<br>5. 1<br>6. 1<br>7. 1   | On-line proposal No.<br>File No. allotted by SEIAA, UP<br>Name of Proponent<br>Full correspondence address of proponent<br>Name of Project<br>Project location (Plot/ Khasra /Gata No.)<br>Name of Village | SIA/UP/MIN/427603/2023<br>7820/7323<br>Shri Akash Khatri S/o Shri Om Prakash Khatri<br>R/o- Madhiya Naka, Distt Banda, U.P.<br>Building Stone (Granite Khanda, Boulder, Bailast<br>(Gitti)) Mining Project<br>Gata No 339 (Khand No 38 Old, 35 New) |  |
|--|--|---|--|
| 3.         1           4.         1           5.         1           6.         1           7.         1 | Name of Proponent<br>Full correspondence address of proponent<br>Name of Project<br>Project location (Plot/ Khasra /Gata No.)  | Shri Akash Khatri S/o Shri Om Prakash Khatri<br>R/o- Madhiya Naka, Distt Banda, U.P.<br>Building Stone (Granite Khanda, Boulder, Bailast<br>(Gitti)) Mining Project   |  |
| 4.         1           5.         1           6.         1           7.         1                        | Full correspondence address of proponent<br>Name of Project<br>Project location (Plot/ Khasra /Gata No.)   | R/o- Madhiya Naka, Distt Banda, U.P.<br>Building Stone (Granite Khanda, Boulder, Bailast<br>(Gitti)) Mining Project   |  |
| 5. 1<br>6. 1<br>7. 1   | Name of Project Project location (Plot/ Khasra /Gata No.)  | (Gitti)) Mining Project   |  |
| 7. 1   |  | Cota Na 220 (Khand Na 28 Old 25 Name)   |  |
|  | Name of Village  | Gata No 339 (Knand No 38 Old, 33 New)   |  |
| 8 7  | Name of vinage   | Daharra   |  |
|  | Tehsil   | Mahoba  |  |
| 9. I   | District   | Mahoba  |  |
| 10. 1  | Name of Minor Mineral  | Building Stone (Granite Khanda, Boulder, Bailast (Gitti))   |  |
| 11. 5  | Sanctioned Lease Area (in Ha.)   | 1.417 ha.   |  |
| 12. I  | Max.& Min mRL within lease area  | 184 mRL- 175 mRL  |  |
| 13. I  | Pillar Coordinates (Verified by DMO)   | PillarsLatitude (N)Longitude (E)  |  |
|  |  | A 25° 20' 07.69"N 79° 58' 07.24"E   |  |
|  |  | B 25° 20' 07.33"N 79° 58' 13.61"E   |  |
|  |  | C 25° 20' 04.82"N 79° 58' 13.65"E   |  |
|  |  | D 25° 20' 04.60"N 79° 58' 10.68"E   |  |
|  |  | E 25° 20' 05.53"N 79° 58' 06.71"E   |  |
| 14.  | Total Geological Reserves  | 969081 m <sup>3</sup>   |  |
| 15.  | Total Mineable Reserves  | 222334 m <sup>3</sup>   |  |
| 16.  | Total Proposed Production (in five year)   | 127530 m <sup>3</sup>   |  |
| 17. I  | Proposed Production / year   | 25506 m <sup>3</sup> per Annum  |  |
| 18. 5  | Sanctioned Period of Mine lease  | 10 Years  |  |
| 19. I  | Method of Mining   | Opencast Semi-Mechanized  |  |
| 20. 1  | No. of workers   | 36  |  |
| 21.  | Type of Land   | Govt. revenue land  |  |
|  | Ultimate Depth of Mining   | 12.0 meter bgl (average)  |  |
|  | Nearest metalled road from site  | 250m  |  |
| 24.  | Water Requirement  | PURPOSE REQUIREMENT (KLD)   |  |
|  | <u>^</u>   | Drinking & Others 0.40  |  |
|  |  | Suppression of dust 1.50  |  |
|  |  | Plantation 2.00   |  |
|  |  | Others( if any)   |  |
|  |  | Total 3.90  |  |
| 25. 1  | Name of QCI Accredited Consultant with QCI   | M/s Paramarsh (Servicing Environment and  |  |
|  | No and period of validity.   | Development), Lucknow, U.P.   |  |

4. Salient features of the project as submitted by the project proponent:

|   | QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024  |
|---|---|
| Any litigation pending against the project or | No  |
| land in any court                             |   |
| Details of 500 m Cluster certificate          | DMO, Mahoba vide Letter No. 1374/MMC-30/2021-   |
| Verified by Mining Officer                    | 22, Dated 08.08.2022  |
| Details of Lease Area in approved DSR         | Sudhi Patra No154/MMC-30-khanij (2021-22),  |
|   | Dated 12-05-2021 at Page No01, S.No 08  |
| Proposed CER cost                             | 1.50 Lakh   |
| Proposed EMP cost                             | EMP in First Year –13.90 Lakh   |
|   | EMP (Recurring Years) – 7.15 Lakh   |
| Length and breadth of Haul Road.              | Length- 250m, Width- more than 6.0 m  |
| No. of Trees to be Planted                    | 2000  |
|   | Details of 500 m Cluster certificate<br>Verified by Mining Officer<br>Details of Lease Area in approved DSR<br>Proposed CER cost<br>Proposed EMP cost |

5. 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.

- 6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 7. 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.
- 8. There is no litigation pending in any court regarding this project.
- 9. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 28/04/2023 mentioning is as follows:

- 1. I Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
- 2. I have prepared EIA/EMP report for EC for the Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 339 (Khand No.- 38 Old, 35 New), Village- Daharra, Tehsil-Mahoba, District- Mahoba, U.P., (Leased Area- 1.417 ha.) with my team.
- 3. 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.
- 4. I am satisfied with that all the necessary data/information required for EIA preparations are true and correct.
- 5. I certify that no mining activity has been undertaken on the project site for the present proposal.
- 6. I certify that this project has been uploaded for the first time on Parivesh Portal.
- 7. I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and hard copy which will be submitted after acceptance of application.
- 8. 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.
- 9. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 04**

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-1 to these minutes. The committee also stipulated the following specific conditions:

- 1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
- 2. The project proponent shall install solar light in their site office.

- 3. 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.
- 4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
- 5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
- 6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
- 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
- 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
- 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
- 10. 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.
- 11. 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.
- 12. The project proponent should explore the possibilities of rainwater harvesting.
- 13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
- 14. 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.
- 15. 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.

#### 5. <u>Building Stone (Sand Stone) mining Building stone (Sandstone) Mining project at</u> <u>Araji/Gata no.428, Village-Dhuriya, Tehsil- Chunar, District-Mirzapur, Ramendra Narayan</u> <u>Singh, Area:0.809 Ha., 7822/5075/ Proposal No. SIA/UP/MIN/427719/2023</u>

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 Ind Tech House Consult. 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 Sandstone (Building Stone) mining project at Araji No. 428, Village-Dhuriya, Tehsil-Chunar, District- Mirzapur, U.P. (Leased Area : 0.809)
- 2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 531/Parya/SEAC/5075/2019, dated 16/01/2020.
- 3. The Public Hearing was organized on 30/03/2021. Final EIA Report was submitted by the Project Proponent on 01/05/2023.
- 4. Salient features of the project as submitted by the project proponent:

| 1. | On Line Proposal No.           | SIA/UP/MIN/427719/2023 |
|----|--------------------------------|------------------------|
| 2. | File No. allotted by SEIAA, UP | 7822/5075              |

| 3.  | Name of Proponent  | Shri Ran  | nendra Narayar                | n Singh                                |                        |        |
|-----|--|---|-------------------------------|--|------------------------|--------|
| 4.  | Full correspondence address of proponent                 | Shri. Ramendra Narayan Singh R/o Shiv Sadan infront |                               |  | nt                     |        |
|     | and mobile no.   |   | of Ghat Lanka Distt-Varanasi. |  | 10                     |        |
| 5.  | Name of Project  |   |                               |  | Aining project name    | d Shri |
| 5.  | Name of Project  |   |                               |  | aji No.428 Village-I   |        |
|     |  |   |                               |  | ur, U.P. Area:0.809 H  |        |
| 6.  | Project Location(Plot.Khsra/Gata/Araji                   | Araji N   |                               | winzapt                                | ui, 0.1.711cd.0.009 11 | u      |
|     | No.)   |   |                               |  |                        |        |
| 7.  | Name of Village  | Dhuriy  | a                             |  |                        |        |
| 8.  | Tehsil   |   | Chunar                        |  |                        |        |
|     | District   | Mirzap  |                               |  |                        |        |
| 10. | Name of Minor Mineral                                    |   | Stone (Sandsto                | one)                                   |                        |        |
| 11. | Sanctioned Lease Area (in Ha.)                           | 0.809 Ha  |                               | /                                      |                        |        |
|     | ,  |   | L & 130.0 mR                  | L                                      |                        |        |
| 13. | Pillar Coordinates (Verified by DMO)                     | Point   | Latitud                       | e                                      | Longitude              |        |
|     |  | A   | 25°02'.419''N                 | J                                      | 083°03'.113''E         |        |
|     |  |   | 25°02'.413''N                 |  | 083°03'.161''E         |        |
|     |  | C   | 25°02'.359''N                 |  | 083°03'.179''E         |        |
|     |  | D   | 25°02'.350''N                 |  | 083°03'.132''E         | 1      |
| 14. | Total Geological Reserves                                | 410220  |                               |  |                        | 1      |
|     |  |   | ) m <sup>3</sup> /Annum       |  |                        |        |
|     |  |   | 8090.00 m <sup>3</sup> /Annum |  |                        |        |
|     | 1  |   |                               |  |                        |        |
| 17. | Sanctioned Period of Mine lease                          | 20 Year   | s                             |  |                        |        |
| 18. | Method of Mining   | Open cast Manual/ Semi Mechanized Mining            |                               |  |                        |        |
|     | No. of working days                                      | 300 Days  |                               |  |                        |        |
|     | Working hours/day  | 8 Hours   |                               |  |                        |        |
|     | No. of worker  | 20 Workers  |                               |  |                        |        |
| 22. | No. of vehicles movement/day                             | 3 Trucks / Day (Depending on market demand)         |                               |  |                        |        |
|     | Type of Land   | Govt. Land  |                               |  |                        |        |
|     | Ultimate of Depth of Mining                              | 6.0 m   |                               |  |                        |        |
| 25. | Nearest metalled road from site                          | 1.00 Km   |                               |  |                        |        |
| 26. | Water Requirement  | PURPOS  | E                             | REQ                                    | UIREMENT (KLD)         |        |
|     |  | Drinking  |                               | 0.201                                  | KLD                    |        |
|     |  | Suppress  | ion of dust                   | 6.0 K                                  | KLD                    |        |
|     |  | Plantation  | n                             | 0.101                                  | KLD                    |        |
|     |  | Others (it  | f any)                        |  |                        |        |
|     |  | Total   |                               | 6.30 ŀ                                 | KLD                    |        |
| 27. | Name of QCI Accredited Consultant with                   |   | House Consult                 |  |                        |        |
|     | QCI No and period of validity.                           |   | EIA/2023/SA 0                 |  | v. 01                  |        |
|     |  |   | Validity- 02-8                | 8-2023                                 |                        |        |
| 28. | Any litigation pending against the project               | No  |                               |  |                        |        |
|     | or land in any court                                     |   |                               |  |                        |        |
|     |  |   |                               |  |                        |        |
| 29. | Details of 500 m Cluster Map & certificate               | Letter N  | o.435, Dated 2                | 4/05/20                                | 19                     |        |
|     | issued by Mining Officer                                 |   |                               |  |                        |        |
|     |  | Page No -11 Sr.No -19                               |                               |  |                        |        |
|     | Proposed CER cost  |   | al project cost               | 1.e. Rs.1                              | .31 Lakhs              |        |
|     |  | 15.38 La  |                               |  |                        |        |
|     | Proposed Project cost                                    | 65.68 L   |                               |  |                        |        |
|     | Length and breadth of Haul Road                          |   | ç                             | 1000 mt Length & 6m width haulage road |                        |        |
|     |  | 80 Trees  |                               |  |                        |        |
|     | No. of Trees to be Planted<br>Baseline Monitoring Period |   | s<br>2022- Decemb             |  |                        |        |

5. 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.

6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

7. 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.

- 8. There is no litigation pending in any court regarding this project.
- 9. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 27/05/2023 mentioning is as follows:

- 1. I, Umesh Pratap Singh Chauhan S/o Late Surya Pal Singh Chauhan am EIA Coordinator of Ind Tech House Consult.
- 2. I have prepared EIA report for the Proposal (SIA/UP/MIN/427719/2023), Project Name-Ramendra Narayan Singh Building stone (Sandstone) Mining Project At Araji No. 428 Village-Dhuriya, Tehsil-Chunar, District- Mirzapur, Uttar Pradesh. 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 required submitted along with Application/EIA are true and correct.
- 5. I certify that this project has been uploaded for this 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 hard copy/presentation submitted which will be submitted after acceptance of application.
- 7. The EIA report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.
- 8. 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.

#### **RESOLUTION AGAINST AGENDA NO. 05**

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-1 to these minutes. The committee also stipulated the following specific conditions:

- 1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
- 2. The project proponent shall install solar light in their site office.
- 3. 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.
- 4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
- 5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
- 6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
- 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
- 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in

consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.

- 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
- 10. 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.
- 11. 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.
- 12. The project proponent should explore the possibilities of rainwater harvesting.
- 13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
- 14. 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.
- 15. 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.

## 6. <u>Building Stone (Sandstone) Mine At Sl. No. 22, Gata No. 428, Village- Dhuria, Tehsil-Chunar, District- Mirzapur, Himanshu Kumar, Area-0.505 Ha., 7824/7234 Proposal No. SIA/UP/MIN/427715/2023</u>

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 environmental clearance is sought for Building Stone (Sandstone) Mine from Sl. No.- 22, Gata No.- 428, Village– Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area:- 0.505 ha.).
- 2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 258/Parya/SEIAA/ 7235/2022, dated 09/11/2022
- 3. The Public Hearing was organized on 17/03/2023. Final EIA Report was submitted by the Project Proponent on 02/05/2023.

| 1.  | On-line proposal No.                     | SIA/UP/MIN/427715/2023                               |
|-----|--|--|
| 2.  | File No. allotted by SEIAA, UP           | 7824   |
| 3.  | Name of Proponent                        | Shri Himanshu Singh                                  |
| 4.  | Full correspondence address of proponent | R/o-Ward No 4, Gajradh, Gaurakshani, Sasaram,        |
|     | and E-mail Id                            | Rohtas, Bihar  |
|     |  | E-mail Id- shrihimanshukumar5418@gmail.com           |
| 5.  | Name of Project                          | Building Stone (Sandstone) Mine from Sl. No 22, Gata |
|     |  | no 428, Village – Dhuria, Tehsil- Chunar, District-  |
|     |  | Mirzapur, Uttar Pradesh developed by Shri Himanshu   |
|     |  | Kumar  |
| 6.  | Project Location (Plot.Khasra/Gata No.)  | Sl. No 22, Gata no 428, Village – Dhuria, Tehsil-    |
|     |  | Chunar, District- Mirzapur, Uttar Pradesh            |
| 07. | Name of River                            | NA   |
| 08. | Name of Village                          | Dhuria   |
| 09. | Tehsil                                   | Chunar   |
| 10. | District                                 | Mirzapur   |
| 11. | Name of Minor Mineral                    | Building Stone                                       |
| 12. | Sanctioned Lease Area (in Ha.)           | 0.505 ha.  |
| 13. | Max. & Min mRL within lease area         | Highest mRL is 128 & Lowest is 115 mRL               |
| 14. | Pillar Coordinates (Verified by DMO)     | Coordinates of the sanctioned lease area             |
|     |  | Pillars N E  |

4. Salient features of the project as submitted by the project proponent:

| -   | t   |  |                     |                     |
|-----|---|--|---------------------|---------------------|
|     |   | A  | 25° 2'36.00"N       | 83°3'08.70"E        |
|     |   | В  | 25° 2'35.90"N       | 83°3'06.80"E        |
|     |   | C  | 25° 2'32.50"N       | 83°3'07.10"E        |
|     |   | D  | 25° 2'32.50"N       | 83°3'08.80"E        |
| 15. | Total Geological Reserves                                       | 2,77,551 m                                 | 3                   |                     |
| 16. | Total Mineable Reserve (as per Approved Mine Plan)              | 2,37,957 m                                 | 3                   |                     |
| 17. | Total Proposed Production                                       | 75,750 m <sup>3</sup>                      | (in 5 years)        |                     |
| 18. | Proposed Production/year  | $15,150 \text{ m}^{3/2}$                   | Year                |                     |
| 19. | Sanctioned Period of Mine lease                                 | 20 Years (                                 | maximum)            |                     |
| 20. | Method of Mining  | Opencast, S                                | Semi-Mechanized     |                     |
| 21. | Working hours/day   | 8  |                     |                     |
| 22. | No. of worker   | 29   |                     |                     |
| 23. | Type of Land  | Govt. land                                 |                     |                     |
| 24. | Ultimate of Depth of Mining                                     | Upto 92 mRL                                |                     |                     |
| 25. | Nearest metalled road from site                                 | 170 m                                      |                     |                     |
| 26. | Water Requirement   | PURPOSE                                    |                     | REQUIREMENT (KLD)   |
|     |   | Drinking                                   |                     | 0.29 KLD            |
|     |   | Suppression                                | n of dust           | 1.68 KLD            |
|     |   | Plantation                                 |                     | 1.00 KLD            |
|     |   | Others (if any) -                          |                     | -                   |
|     |   | Total                                      |                     | 2.97 KLD            |
| 27. | Name of QCI Accredited Consultant with                          | AWS Envi                                   | rotech (OPC) Pvt.   | Ltd.                |
|     | QCI No and period of validity.                                  |  |                     | 225/IA 0097(Rev.01) |
|     |   |  | uly 14, 2025        |                     |
| 28. | Any litigation pending against the project or land in any court | No   |                     |                     |
| 29. | Details of 500 m Cluster Certificate verified                   | vide letter no. 1190/khanij/2022-23        |                     | 22-23               |
|     | by Mining Officer   | Dated on- 26.07.2022                       |                     |                     |
| 30. | Details of Lease Area in approved DSR                           | In approved DSR at page no. 48, Sl. No. 67 |                     |                     |
| 31. | Proposed CER cost   | Rs. 1.6 Lakhs/Year                         |                     |                     |
| 32. | Proposed EMP cost   |  | is Rs. 6.5 Lakhs (a |                     |
|     |   |  | khs per annum (as i | recurring cost)     |
| 33. | Distance of Haul Road   | 170 m                                      |                     |                     |
| 34. | No. of Trees to be Planted                                      | 500  |                     |                     |
|     |   |  |                     |                     |

5. 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.

- 6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 7. 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.
- 8. There is no litigation pending in any court regarding this project.
- 9. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 22/04/2023 mentioning is as follows:

- 1. I, Sandeep Kumar, S/o Shri R.K. Verma am EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
- 2. I have prepared EIA report for the Proposal Building Stone (Sandstone) Mine from Sl. No.- 22, Gata No.- 428, Village– Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area:- 0.505 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 required submitted along with EIA/EMP are true and correct.
- 5. I certify that this project 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 hard copy/presentation submitted which will be submitted after acceptance of application.
- 7. 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.
- 8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

#### **RESOLUTION AGAINST AGENDA NO. 06**

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-1 to these minutes. The committee also stipulated the following specific conditions:

- 1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
- 2. The project proponent shall install solar light in their site office.
- 3. 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.
- 4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
- 5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
- 6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
- 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
- 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
- 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
- 10. 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.
- 11. 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.
- 12. The project proponent should explore the possibilities of rainwater harvesting.
- 13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
- 14. 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.
- 15. 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.

 Expansion of Residential Township "Garden Bay"at Khasra nos. (Ghaila): 2, 3, 4, 5, 6, 7, 12, 13, 14, 23, 24, 25, 27, 31, 32, 87, 88, 89, 89/1594, 90Ka, 91ka,kha, 91Ga, 91Gha, 92, 93, 94, 95, 96, 97, 108, 110, 114, 115, 115/1553, 116, 117, 119Ka, 120, 121Ka, 21Kha, 122, 123, 124Ka, 124Kha, 178, 181, 182, 183, 184, 189, 191, 192, 193, 194, 195, 195/1546, 197, 200, 201, 202, 203, 204, 206, 207, 209, 212, 213, 214, 215, 216, 217, 219, 230, 231, 234, 235, 236, 239, 240sa.,Khasranos.(Alinagar): 5, 23, 25, 26, 27, 29, 35, 36, 37, 39, 41, 45, 46, 48, Village-Ghaila and Alinagar, District-Lucknow, Shri Mohd. Kareem Farooqui., 3640/ Proposal No. SIA/UP/MIS/299550/202

The project proponent/consultant informed the committee that the environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 71/Parya/SEAC/3640/2016, dated 12/01/2018 for the plot area 3,13,948 sqm and built up area 2,21,281.8 sqm. A presentation was made by the project proponent along with their consultant M/s ENV DAS (India) Pvt. Ltd., Lucknow.

The consultant mentioned that the project proponent has decided to change the design of the project and decided to construct the group housing project for the area earlier proposed for commercial building. Thus residential area is proposed to be increased but total built-up area to be reduced from 2,21,281.8 sqm to 1,77,558 sqm. Hence, the project proponent submitted online amendment application in environmental clearance dated 12/01/2018.

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

- The amendment in environmental clearance is sought for Residential Township "Garden Bay"at Khasra nos. (Ghaila): 2, 3, 4, 5, 6, 7, 12, 13, 14, 23,24, 25, 27, 31, 32, 87, 88, 89, 89/1594, 90Ka, 91ka,kha, 91Ga, 91Gha, 92, 93, 94, 95,96, 97, 108, 110,114, 115, 115/1553, 116, 117, 119Ka, 120, 121Ka,21Kha, 122, 123, 124Ka, 124Kha, 178, 181, 182,183,184,189, 191, 192, 193, 194,195, 195/1546,197, 200, 201, 202, 203, 204, 206, 207, 209, 212,213, 214, 215, 216, 217, 219, 230, 231, 234, 235,236, 239,240sa ,Khasra nos.(Alinagar): 5,23,25,26,27,29,35,36,37,39, 41,45, 46,48,Village- Ghaila and Alinagar, District-Lucknow, M/s Shalimar KSMB Projects.
- Environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 71/Parya/SEAC/3640/2016, dated 12/01/2018 for the plot area 3,13,948 sqm and built up area 2,21,281.8 sqm.

| S. No. | Particulars                      | Builtup Area  |
|--------|----------------------------------|---------------|
| 1.     | Group Housing 01                 | 49590 Sqm.    |
| 2.     | Group Housing 02                 | 45854 Sqm.    |
| 3.     | EWS & LIG                        | 11415 Sqm.    |
| 4.     | Club, Convenience Shopping & Gym | 2327 Sqm.     |
| 5.     | Row Houses or Villas             | 68372 Sqm.    |
|        | Total                            | 1,77,558 Sqm. |

3. Revised built up area details:

4. Comparative details of existing project and proposed amendment:

|                                     | As per EC Issued Vide<br>Letter No71/parya/SEAC<br>/3640/2016<br>Dated:12/01/2018 |   |               |   | Difference |
|-------------------------------------|---|---|---------------|---|------------|
| Description                         | Area  | % | Area          | % |            |
| Total Plot Area                     | 77.58ac   |   | 77.58 ac      |   | 0          |
| Gool Area                           | 12810 sqm   |   | 12810 sqm     |   | 0          |
| Chak Road Area                      | 3707.52 sqm   |   | 3707.52 sqm   |   | 0          |
| Kucchi Naali Area                   | 5032.47 sqm   |   | 5032.47 sqm   |   | 0          |
| Site Area                           | 292396.00<br>sqm  |   | 292405.41 sqm |   | 9.41       |
| Land Left for Road Widening (51.9m) | 2927.73 sqm   |   | 2927.73 sqm   |   | 0          |
| Green Belt (50 m)                   | 9452.41 sqm   |   | 9452.41 sqm   |   | 0          |

#### Minutes of 756<sup>th</sup> SEAC-2 Meeting Dated 29/05/2023

| Total Area for Row Houses/<br>Villas         92744.57 sqm         34.98         99477.3 sqm         37.52         67           Group Housing 1         41503.12 sqm         15.65         39426.3 sqm         14.87         -24           Group Housing 2         0         0         10336.12 sqm         3.90         10           Total Area for Residential         134247.69         50.64         149239.8 sqm         56.29         14           sqm         -         -         -         9311 sqm         3.51         80           School         School-         1.51         School+         1.84         -10           MUrsery         0.20         anganwadi-         -10         anganwadi-         -10           School-         1.51         School+         1.84         -10           Nursery         -         -         -10         -10           School-         -         Nursery         -         -10           School-         -         -         -10         -10           Ormunity Center         4690.65 sqm         1.77         4924.16 sqm         -10           Commercial         10818.73 sqm         0.90         2076.85 sqm         0.71         -44   | 18.59<br>732.73<br>2076.82<br>0336.12<br>4992.11 |  |  |  |  |  |
|---|--|--|--|--|--|--|
| sqm         sqn         sqm         sqn         sqn <td>18.59<br/>732.73<br/>2076.82<br/>0336.12<br/>4992.11</td>   | 18.59<br>732.73<br>2076.82<br>0336.12<br>4992.11 |  |  |  |  |  |
| Green and Parks Area         3932.02 sqm         15.06         40550.61 sqm         15.29         61           Total Area for Row Houses/         92744.57 sqm         34.98         99477.3 sqm         37.52         67           Group Housing 1         41503.12 sqm         15.65         39426.3 sqm         14.87         -22           Group Housing 2         0         0         10336.12 sqm         3.90         10           Total Area for Residential         134247.69         80.64         149239.8 sqm         56.29         14           L.I.G/EWS Housing Plots         8501.36 sqm         3.21         9311 sqm         3.51         80           School         School-         1.51         School-         1.84         -14           4007.99         0.20         anganwadi-<br>stohol-         School-         School-         521.05           School-         School-         Nursery         4341         -186         23           Commercial         10818.73 sqm         4.08         0         0.00         -11           Gound Center         806.41 sqm         0.30         2276.85 sqm         0.31         21           Objee Station with Residential         154.35 sqm         0.30         0.03   | 732.73<br>076.82<br>0336.12<br>4992.11           |  |  |  |  |  |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  | 732.73<br>076.82<br>0336.12<br>4992.11           |  |  |  |  |  |
| Group Housing 1         41503.12 sqm         15.65         39426.3 sqm         14.87         -22           Group Housing 2         0         0         10336.12 sqm         3.90         10           Total Area for Residential         134247.69         50.64         149239.8 sqm         56.29         14           L.I.G/EWS Housing Plots         8501.36 sqm         3.21         9311 sqm         3.51         80           School         School-         1.51         School+         1.84         -10           4007.99         0.20         anganwadi-         4341         Nursery         School-         521.05         Anaganwadi-         502.53         0         0         0.00         -11           Commercial         10818.73 sqm         4.08         0         0.00         -11         0.04         0.7         4924.16 sqm         0.31         21           Sub-Post Office         109.68 sqm         0.04         110.4 sqm         0.04         0.7           Health Care Center         806.41 sqm         0.30         827.47 sqm         0.31         21           Police Station with Residential         1554.35 sqm         0.59         0         0.00         -8           Group Disposal         90  | )336.12<br>4992.11                               |  |  |  |  |  |
| Group Housing 2         0         10336.12 sqm         3.90         10           Total Area for Residential         134247.69         50.64         149239.8 sqm         56.29         14           sqm         3.21         9311 sqm         3.51         80           School         School-         1.51         School+         1.84         -16           Mursery         0.20         anganwadi-         anganwadi-         4341         Nursery           School-         School-         School-school-         School-school  | )336.12<br>4992.11                               |  |  |  |  |  |
| Total Area for Residential         134247.69<br>sqm         50.64<br>sqm         149239.8 sqm         56.29         14           L.I.G/EWS Housing Plots         8501.36 sqm         3.21         9311 sqm         3.51         80           School         School-         1.51         School+         1.84         -14           4007.99         0.20         anganwadi-<br>anganwadi-<br>502.53         Nursery         4341         -14           Community Center         4690.65 sqm         1.77         4924.16 sqm         1.86         23           Commercial         10818.73 sqm         4.08         0         0.00         -11           Convenience Shopping         2508.06 sqm         0.90         2076.85 sqm         0.71         -4           Sub-Post Office         109.68 sqm         0.04         110.4 sqm         0.04         0.7           Health Care Center         806.41 sqm         0.30         827.47 sqm         0.31         21           Police Station with Residential         1554.35 sqm         0.59         0         0.00         -80           Garbage Disposal         90.0 sqm         0.03         0         0         0.02         45.0 sqm         0.92         0.25         .33         -34  | 4992.11  |  |  |  |  |  |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$   |  |  |  |  |  |  |
| L.I.G/EWS Housing Plots $8501.36 \text{ sqm}$ $3.21$ $9311 \text{ sqm}$ $3.51$ $80$ School       1.51       School+ $1.51$ School+ $1.84$ $-1t$ A007.99       0.20       anganwadi-       anganwadi- $4341$ Nursery $521.05$ School+ $1.86$ $23$ Community Center $4690.665$ sqm $1.77$ $4924.16$ sqm $1.86$ $23$ Commercial $10818.73$ sqm $4.08$ $0$ $0.00$ $-1t$ Gommercial $10818.73$ sqm $0.30$ $2076.85 \text{ sqm}$ $0.71$ $-4$ Sub-Post Office $109.68 \text{ sqm}$ $0.30$ $827.47 \text{ sqm}$ $0.31$ $21$ Police Station with Residential $1554.35 \text{ sqm}$ $0.59$ $0$ $0.00$ $-1t$ ATM & Extension Counter $84.68 \text{ sqm}$ $0.03$ $0.02$ $0.02$ $0$ Chabutra $45.08 \text{ sqm}$ $0.19$ $501.78 \text{ sqm}$ $0.19$ $0.2$ $0$ Converience Shopping $50162.1 \text{ sqm}$ $1.2$ $52587.91 \text{ sqm}$ $0.92$ $0$   |  |  |  |  |  |  |
| $ \begin{array}{ c c c c c c c } School- & 1.51 & School+ & 1.84 & -14 \\ 4007.99 & 0.20 & anganwai- & anganwai- & anganwai- & School- & Nursery & 4341 & Nursery & 521.05 & School-521.62 & School-521.62$   |  |  |  |  |  |  |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$   | )9.64  |  |  |  |  |  |
| $\begin{array}{ c c c c c c c } & & & & & & & & & & & & & & & & & & &$  | 68.95  |  |  |  |  |  |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$   |  |  |  |  |  |  |
| $ \begin{array}{ c c c c c c } S21.05 & School-521.62 & S$  |  |  |  |  |  |  |
| $\begin{tabular}{ c c c c c } \hline Anaganwadi-$502.53 & \begin{tabular}{ c c c c c } \hline Anaganwadi-$502.53 & \begin{tabular}{ c c c c c c } \hline Convenience $4690.65 sqm $1.77$ $4924.16 sqm $0.00$ $-10$ $Convenience $Shopping $2508.06 sqm $0.90$ $2076.85 sqm $0.71$ $-44$ $Sub-Post Office $109.68 sqm $0.90$ $2076.85 sqm $0.00$ $-11$ $Convenience $Convenience $109.68 sqm $0.90$ $2076.85 sqm $0.01$ $-14$ $-10.4$ sqm $0.04$ $-10.4$ sqm $0.00$ $-11$ $-10.4$ sqm $0.03$ $-10.4$ $-10.4$ sqm $0.00$ $-11$ $-10.4$ sqm $0.03$ $-10.4$ $-10.4$ sqm $0.00$ $-11$ $-10.4$ sqm $0.03$ $-10.4$ $-10.4$ sqm $0.02$ $-11$ $-10.4$ sqm $-10.2$ $-10.4$ $$   |  |  |  |  |  |  |
| 502.53               Community Center         4690.65 sqm         1.77         4924.16 sqm         1.86         23           Conmercial         10818.73 sqm         4.08         0         0.00         -10           Convenience Shopping         2508.06 sqm         0.90         2076.85 sqm         0.71         -44           Sub-Post Office         109.68 sqm         0.04         110.4 sqm         0.04         0.7           Health Care Center         806.41 sqm         0.30         827.47 sqm         0.31         21           Police Station with Residential         1554.35 sqm         0.59         0         0.00         -11           ATM & Extension Counter         84.68 sqm         0.03         90.0 sqm         0.03         0         0           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0         0           Chabuta         45.0 sqm         0.19         501.78 sqm         0.19         0         0           Roads & Circulation         56196.21 sqm         21.2         528 KLD         520 KLD         19.83         -30           Sterr Waste Water Details         187 KLD         187 KLD         100 KL   |  |  |  |  |  |  |
| Community Center         4690.65 sqm         1.77         4924.16 sqm         1.86         23           Commercial         10818.73 sqm         4.08         0         0.00         -14           Convenience Shopping         2508.06 sqm         0.90         2076.85 sqm         0.71         -4.           Sub-Post Office         109.68 sqm         0.04         110.4 sqm         0.04         0.7           Health Care Center         806.41 sqm         0.30         827.47 sqm         0.31         21           Police Station with Residential         1554.35 sqm         0.59         0         0.00         -1:           ATM & Extension Counter         84.68 sqm         0.03         0         0.00         -8           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0           Condads & Circulation         501.78 sqm         0.19         501.78 sqm         0.19         0           Roads & Circulation         56196.21 sqm         21.2         52587.91 sqm         19.83         -34           5.         Water for domestic uses         520 KLD         520 KLD         Flushing         187 KLD           Horticulture / Landscape         65 KLD         520 KLD         100 KLD </td <td></td>   |  |  |  |  |  |  |
| Commercial         10818.73 sqm         4.08         0         0.00         -10           Convenience Shopping         2508.06 sqm         0.90         2076.85 sqm         0.71         -43           Sub-Post Office         109.68 sqm         0.04         110.4 sqm         0.04         0.7           Health Care Center         806.41 sqm         0.30         827.47 sqm         0.31         21           Police Station with Residential         1554.35 sqm         0.59         0         0.00         -11           ATM & Extension Counter         84.68 sqm         0.03         0         0.00         -8           Garbage Disposal         90.0 sqm         0.03         0         0.00         -8           Garbage Disposal         90.0 sqm         0.02         45.0 sqm         0.19         0           Chabutra         45.0 sqm         0.02         45.0 sqm         0.02         0           Roads & Circulation         56196.21 sqm         21.2         52587.91 sqm         19.83         -3a           5.         Water/waste water details:  | 22.51  |  |  |  |  |  |
| Convenience Shopping         2508.06 sqm         0.90         2076.85 sqm         0.71         -4.           Sub-Post Office         109.68 sqm         0.04         110.4 sqm         0.04         0.7           Health Care Center         806.41 sqm         0.30         827.47 sqm         0.31         21           Police Station with Residential         1554.35 sqm         0.59         0         0.00         -1:           ATM & Extension Counter         84.68 sqm         0.03         0         0.00         -8:           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0         0.00         -8:           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0         0.00         -8:           Garbage Disposal         501.78 sqm         0.19         501.78 sqm         0.19         0         0         0           Chabutra         45.0 sqm         0.02         45.0 sqm         0.02         0         0         0         25         S7.91 sqm         19.83         -3:         -3:         -3:         -3:         -3:         -3:         -3:         -3:         -3:         -3:         -3:         -3:         -3:  | 33.51<br>0818.73                                 |  |  |  |  |  |
| Sub-Post Office         109.68 sqm         0.04         110.4 sqm         0.04         0.7           Health Care Center         806.41 sqm         0.30         827.47 sqm         0.31         21           Police Station with Residential         1554.35 sqm         0.59         0         0.00         -1:           ATM & Extension Counter         84.68 sqm         0.03         0         0.00         -8           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0         -12           ATM & Extension Counter         84.68 sqm         0.03         90.0 sqm         0.03         0         -12           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0         -19         0           Chabutra         45.0 sqm         0.19         501.78 sqm         0.19         0         -30         -30           5.         Water/waste water details:   | 31.21  |  |  |  |  |  |
| Health Care Center         806.41 sqm         0.30         827.47 sqm         0.31         21           Police Station with Residential         1554.35 sqm         0.59         0         0.00         -13           ATM & Extension Counter         84.68 sqm         0.03         0         0.00         -13           ATM & Extension Counter         84.68 sqm         0.03         0         0.00         -84           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0         0.00         -84           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.02         0         0.03         0         0         0         0         0         0         0         0         0         0.03         0         0         0.03         0         5   |  |  |  |  |  |  |
| Police Station with Residential         1554.35 sqm         0.59         0         0.00         -1:           ATM & Extension Counter         84.68 sqm         0.03         0         0.00         -8:           Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0           11 KVA Electrical Substation         501.78 sqm         0.19         501.78 sqm         0.19         0           Chabutra         45.0 sqm         0.02         45.0 sqm         0.02         0           Roads & Circulation         56196.21 sqm         21.2         52587.91 sqm         19.83         -30           5.         Water/waste water details:   |  |  |  |  |  |  |
| ATM & Extension Counter84.68 sqm $0.03$ $0$ $0.00$ $-8$ Garbage Disposal90.0 sqm $0.03$ 90.0 sqm $0.03$ $0$ 11 KVA Electrical Substation $501.78$ sqm $0.19$ $0$ Chabutra $45.0$ sqm $0.02$ $45.0$ sqm $0.02$ $0$ Roads & Circulation $56196.21$ sqm $21.2$ $52587.91$ sqm $19.83$ $-30$ 5.Water/waste water details: $Vater/waste water details:$ $Vater/waste water details:$ $Vater/Waste Water DetailsVater/Waste Water DetailsFresh Water for domestic uses520 KLDVater/Waste Water Details187 KLDHorticulture / Landscape65 KLDVater/Waste Water Super65 KLDHVAC100 KLDVater872 KLDSource of water - Ground Water Super872 KLDVater/Waste Water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210 KLD (MBBR) for Group 226.Solid waste details:Vater/Waste Water - 566 KLDParticularsPopulationNorms (kg/day)Total waste (k1. ResidentialVater/Waste Waste - 550 KLD (Phytorid Technology) + Proposed- 210 KLD (MBBR) for Group 26.Solid waste details:Vater/Waste Waste - 550 KLDParticularsPopulationNorms (kg/day)Total waste (k1. ResidentialVater/Waste Waste - 550Vater/Waste Waste - 550Group Housing-1 (Heights)15100.5550Villas34850.51743$  | 554.35   |  |  |  |  |  |
| Garbage Disposal         90.0 sqm         0.03         90.0 sqm         0.03         0           11 KVA Electrical Substation         501.78 sqm         0.19         501.78 sqm         0.19         0           Chabutra         45.0 sqm         0.02         45.0 sqm         0.02         0           Roads & Circulation         56196.21 sqm         21.2         52587.91 sqm         19.83         -30           5. Water/waste water details:   | 4.68   |  |  |  |  |  |
| $\begin{array}{c c c c c c c } \hline 11 \ KVA \ Electrical \ Substation & 501.78 \ sqm & 0.19 & 501.78 \ sqm & 0.19 & 0 \\ \hline Chabutra & 45.0 \ sqm & 0.02 & 45.0 \ sqm & 0.02 & 0 \\ \hline Roads & Circulation & 56196.21 \ sqm & 21.2 & 52587.91 \ sqm & 19.83 & -30 \\ \hline S. \ Water/waste \ water \ details: & & & & & \\ \hline Water/Waste \ Water \ Details & & & & & \\ \hline Water/Waste \ Water \ Details & & & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & \\ \hline Fresh \ Water \ Fresh \ Water \ for \ domestic \ uses & & \\ \hline Fresh \ Water \ for \ domestic \ uses & & \\ \hline Fresh \ Water \ for \ dom state \ dom state \ dom state \ uses & \\ \hline Fresh \ Water \ for \ dom state \ dom state \ uses & \\ \hline Fresh \ Water \ for \ dom state \ dom state \ dom state \ uses & \\ \hline Fresh \ dom state \ uses \ u$ | 4.00   |  |  |  |  |  |
| Chabutra         45.0 sqm         0.02         45.0 sqm         0.02         0           Roads & Circulation         56196.21 sqm         21.2         52587.91 sqm         19.83         -36           5. Water/waste water details:   |  |  |  |  |  |  |
| Roads & Circulation56196.21 sqm21.252587.91 sqm19.83-365. Water/waste water details:<br>Water/Waste Water Details-36-36-36-36Fresh Water for domestic uses520 KLD520 KLD-36Flushing187 KLD187 KLD-36Horticulture / Landscape65 KLD-36-36HVAC100 KLD100 KLD-36Total Water Requirement872 KLD872 KLDSource of water - Ground Water Supply872 KLD-36Waste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210 KLD (MBBR) for Group 2-366. Solid waste details:-36-36ParticularsPopulationNorms (kg/day)Total waste (k1. Residential15100.5755Group Housing-1 (Heights)15100.5550Villas34850.51743  |  |  |  |  |  |  |
| 5. Water/waste water details:         Water/Waste Water Details         Fresh Water for domestic uses       520 KLD         Flushing       187 KLD         Horticulture / Landscape       65 KLD         HVAC       100 KLD         Total Water Requirement       872 KLD         Source of water - Ground Water Supply       872 KLD         Waste water - 566 KLD       STP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group 2         6. Solid waste details:       Population         Particulars       Population       Norms (kg/day)         1. Residential       Group Housing-1 (Heights)       1510       0.5       755         Group Housing-2 (Crown)       1100       0.5       550       Villas       3485       0.5       1743   | 608.3  |  |  |  |  |  |
| Water/Waste Water DetailsFresh Water for domestic uses520 KLDFlushing187 KLDHorticulture / Landscape65 KLDHVAC100 KLDTotal Water Requirement872 KLDSource of water - Ground Water Supply872 KLDWaste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group 26. Solid waste details:700 Norms (kg/day)ParticularsPopulationI. Residential1510Group Housing-1 (Heights)1510Villas34850.51743  | 000.5  |  |  |  |  |  |
| Fresh Water for domestic uses520 KLDFlushing187 KLDHorticulture / Landscape65 KLDHVAC100 KLDTotal Water Requirement872 KLDSource of water - Ground Water Supply872 KLDWaste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group 26. Solid waste details:PopulationParticularsPopulation1. ResidentialTotal waste (kGroup Housing-1 (Heights)15100.5Villas34850.5  |  |  |  |  |  |  |
| Flushing187 KLDHorticulture / Landscape65 KLDHVAC100 KLDTotal Water Requirement872 KLDSource of water - Ground Water Supply872 KLDWaste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group 26. Solid waste details:  |  |  |  |  |  |  |
| Horticulture / Landscape65 KLDHVAC100 KLDTotal Water Requirement872 KLDSource of water - Ground Water Supply872 KLDWaste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group 26. Solid waste details:ParticularsParticularsPopulation1. ResidentialTotal waste (kGroup Housing-1 (Heights)15100.5Villas34850.5  |  |  |  |  |  |  |
| HVAC100 KLDTotal Water Requirement872 KLDSource of water - Ground Water Supply872 KLDWaste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group<br>26. Solid waste details:  |  |  |  |  |  |  |
| Total Water Requirement872 KLDSource of water - Ground Water SupplyWaste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group26. Solid waste details:ParticularsParticularsI. ResidentialGroup Housing-1 (Heights)15100.5755Group Housing-2 (Crown)11000.5550Villas34850.51743   |  |  |  |  |  |  |
| Source of water - Ground Water SupplyWaste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group26. Solid waste details:ParticularsPopulationNorms (kg/day)Total waste (kI. ResidentialGroup Housing-1 (Heights)15100.5755Group Housing-2 (Crown)11000.5550Villas34850.5  |  |  |  |  |  |  |
| Waste water - 566 KLDSTP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group<br>26. Solid waste details:<br>ParticularsPopulationNorms (kg/day)Total waste (k1. ResidentialGroup Housing-1 (Heights)15100.5755Group Housing-2 (Crown)11000.5550Villas34850.51743   |  |  |  |  |  |  |
| STP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group 26. Solid waste details:6. Solid waste details:ParticularsPopulationNorms (kg/day)1. Residential15100.5Group Housing-1 (Heights)15100.5Group Housing-2 (Crown)11000.5Villas34850.5   |  |  |  |  |  |  |
| 6. Solid waste details:ParticularsPopulationNorms (kg/day)Total waste (k1. ResidentialGroup Housing-1 (Heights)15100.5755Group Housing-2 (Crown)11000.5550Villas34850.51743   | Housing-   |  |  |  |  |  |
| ParticularsPopulationNorms (kg/day)Total waste (kg/day)1. ResidentialGroup Housing-1 (Heights)15100.5755Group Housing-2 (Crown)11000.5550Villas34850.51743  | -  |  |  |  |  |  |
| I. Residential         0.5         755           Group Housing-1 (Heights)         1510         0.5         550           Group Housing-2 (Crown)         1100         0.5         550           Villas         3485         0.5         1743   |  |  |  |  |  |  |
| Group Housing-1 (Heights)15100.5755Group Housing-2 (Crown)11000.5550Villas34850.51743   | kg/day)  |  |  |  |  |  |
| Group Housing-2 (Crown)         1100         0.5         550           Villas         3485         0.5         1743   |  |  |  |  |  |  |
| Villas 3485 0.5 1743  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| LIG/EWS 122 0.5 610   |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| Visitors (10%)         732         0.15         109.8   | 109.8  |  |  |  |  |  |
| 2. Public & Semi-Public   |  |  |  |  |  |  |
| Schools & Aanganwdi 1100 0.25 275   |  |  |  |  |  |  |
|   | 250  |  |  |  |  |  |
| Other staff         250         0.5         125   |  |  |  |  |  |  |
| 3. Horticulture waste (@0.0037 kg/sq.m) 240   |  |  |  |  |  |  |
| 4. Total Municipal Solid Waste 5.0 TPA  |  |  |  |  |  |  |
|   | 3.5 Kg/day                                       |  |  |  |  |  |
| 6. Bio-medical waste (30 beds) (@0.375kg/capita/day) 11.25 Kg/day   |  |  |  |  |  |  |
| 7. STP Sludge40 kg per MLD25 kg   | 1  |  |  |  |  |  |
| 7. Parking details:   |  |  |  |  |  |  |
| Type of FacilityPermissible FARNormECSECS   |  |  |  |  |  |  |

|                                  |                |                                  | Required |  |
|----------------------------------|----------------|----------------------------------|----------|--|
| Residential                      | 149239.8       | $1 \text{ ECS} / 80 \text{ m}^2$ | 1866     |  |
| (Group Housing)                  |                |                                  |          |  |
| (LIG/ EWS)                       | 9311           | $1 \text{ ECS} / 80 \text{ m}^2$ | 116      |  |
| Public- Semi Public Facility     | 13438.28 x 3 = | $1 \text{ ECS} / 50 \text{ m}^2$ | 806      |  |
|                                  | 44102          |                                  |          |  |
| Total                            |                | 2788                             | 2788     |  |
| 8. Landscape plan:               |                |                                  |          |  |
| Landscape area +                 |                | 40,500.29s                       | qm.      |  |
| Required trees (1 tree/ 80 m2 or | 506 Trees      |                                  |          |  |
| Proposed:                        | 510 Trees      |                                  |          |  |

The project proponent requested to amend the environmental clearance letter dated 12/01/2018 as per above details.

#### **RESOLUTION AGAINST AGENDA NO. 07**

The committee discussed the matter and recommend to amend the environmental clearance letter no. 71/Parya/SEAC/3640/2016, dated 12/01/2018 as per above details. All the other contents mentioned in EC letter dated 12/01/2018 shall remain the same.

## <u>"Sand/Morrum Mining at Yamuna River Bed at Gata No-389 and 120 (Khand No.- 15/19 to 15/22), Village- Bhawansuri Kacchar and Dorma Kacchar, Tehsil- Manjhanpur, District-Kaushambi, U.P., Shri Santosh Tiwari, Leased Area-17.0 Ha., 7646/ Proposal No. SIA/UP/MIN/418200/2023</u>

The Secretariat informed the committee that the matter was earlier discussed in 736<sup>th</sup> SEAC meeting dated 20/03/2023 wherein:

"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 Geogreen Enviro House Pvt. Ltd. During the presentation the committee observed that there is mismatch between the project cost mentioned in original application and presentation and also other information was not satisfactorily answered by PP/Consultant to the committee members during presentation. The committee directed the project proponent to clarify this mismatch and revised documents should be submitted and matter to be presented before committee."

The project proponent submitted their replies through online Parivesh Portal on 19/04/2023 and the matter was listed for reply presentation in  $756^{\text{th}}$  SEAC meeting dated 29/05/2023. 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 Geogreen Enviro House 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 Mining at Yamuna River Bed at Gata No-389 and 120 (Khand No.- 15/19 to 15/22), Village- Bhawansuri Kacchar and Dorma Kacchar, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Leased Area-17.0 Ha.).

| 1. | On Line Proposal No.                     | SIA/UP/MIN/418200/2023                             |
|----|--|--|
| 2. | File No. Allotted By SEIAA, UP           | 7646   |
| 3. | Name Of Proponent                        | M/s Khushi Enterprises                             |
|    |  | Shri Santosh Tiwari S/o Shri Surendra Tiwari       |
| 4. | Full Correspondence Address Of Proponent | R/o H.No. C-144, Sector E, Aliganj, Thana Aliganj, |
|    | And Mobile Number                        | District Lucknow, U.P                              |
| 5. | Name Of Project                          | Moram Mining atYamuna RiverBed                     |

2. Salient features of the project as submitted by the project proponent:

| 6.  | Project Location (Plot/Khasra/Gata No.)                                 |   |                      |                 |  |  |
|-----|---|---|----------------------|-----------------|--|--|
|     |   |   | 120 (Khand No.– 15/1 |                 |  |  |
|     |   | Manjhanpur,   | Kacchar, Tehsil-     |                 |  |  |
| 7.  | Name of River   | YAMUNAR   |                      | 0.1.            |  |  |
| 8.  | Name of Village   |   | Kacchar and Dorma Ka | acchar          |  |  |
| 9.  | Tehsil  | MANJHANI  |                      |                 |  |  |
| 10. | District  | KAUSHAM   |                      |                 |  |  |
| 11. | Name Of Minor Mineral   | Moram   |                      |                 |  |  |
| 12. | Sanctioned Lease Area   | 17.0  |                      |                 |  |  |
| 13. | Mineable Area   | 15.3Ha.   |                      |                 |  |  |
| 14. | Max. & Min mRL Within Lease Area  | 78mRL-76.1mRL   |                      |                 |  |  |
| 15. | Pillar Coordinates (Verified By DMO)                                    | Boundary<br>Point   | Latitude (N)         | Longitude (E)   |  |  |
|     |   | A   | 25° 22' 07.265" N    | 81° 12'23.911"E |  |  |
|     |   | В   | 25° 22'02.485" N     | 81° 12'43.354"E |  |  |
|     |   | С   | 25° 21'52.621" N     | 81° 12'39.860"E |  |  |
|     |   | D   | 25°21' 57.261" N     | 81°12' 20.812"E |  |  |
| 16. | Total Geological Reserve  | 5,10,000 Cu.m   |                      |                 |  |  |
| 17. | Mineable Reserve  | 3,40,000 Cu.m per year  |                      |                 |  |  |
| 18. | Total Proposed Production as per LOI                                    | 1,53,000 Cu.m per year  |                      |                 |  |  |
| 19. | Annual Proposed Production  | 1,53,000 Cu.m per year  |                      |                 |  |  |
| 20. | Proposed Production   | 1,53,000 Cu.m per year  |                      |                 |  |  |
| 21. | Sanctioned Period Of Mine Lease   | 05  |                      |                 |  |  |
| 22. | Production of Mine/Day  | 566.67  |                      |                 |  |  |
| 23. | Method of Mining  | Manualand Semi-Mechanized   |                      |                 |  |  |
| 24. | No. of Working Days   | 270   |                      |                 |  |  |
| 25. | Working Hours/Day   | 8   |                      |                 |  |  |
| 26. | No. of Workers  | 55  |                      |                 |  |  |
| 27. | No. of Vehicles Movement/Day  | 46 trucks   |                      |                 |  |  |
| 28. | Type of Land  | Govt. Land /Non forest  |                      |                 |  |  |
| 29. | Ultimate Depth of Mining  | 1.0 m or above the ground water table<br>Whichever comes first                    |                      |                 |  |  |
| 30. | Nearest Metalled Road From Site   | NH 731 A  |                      |                 |  |  |
| 31. | Water Requirement   | 3.6KLD  |                      |                 |  |  |
| 32. | Name of The QCI Accredited Consultant With                              | GEOGREEN ENVIRO HOUSE PVT LTD<br>NABET/EIA/2124/RA0215<br>Valid till Feb 24, 2024 |                      |                 |  |  |
|     | QCI No. And Period Of Validity  |   |                      |                 |  |  |
| 33. | Any Litigation Pending Against The Project<br>Or Land In Any Court.     | No  |                      |                 |  |  |
| 34. | Details Of 500m Cluster Map & Certificate<br>Verified By Mining Officer | 1019/KhananSahayakKau.Dated16/02/2023   |                      |                 |  |  |
| 35. | Details Of Lease Area In Approved DSR                                   | 17 Ha.  |                      |                 |  |  |
| 36. | Length And Breadth Of Haul Road   | 500.0 m x 6.0 m   |                      |                 |  |  |
|     | No. of trees to be planted  | 3400/year   |                      |                 |  |  |

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 10/03/2023 mentioning is as follows:

- 1. I, Dr. Vijay Kumar Mishra, S/o Shri Akhilanand Mishra is EIA Coordinator of M/s Geogreen Enviro House Private Limited.
- 2. I have prepared EIA/EMP report of project for the Proposal "Sand/Morrum Mining at Yamuna River Bed at Gata No-389 and 120 (Khand No.– 15/19 to 15/22), Village- Bhawansuri Kacchar and Dorma Kacchar, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Leased Area-17.0 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 Application/EIA/EMP are true and correct.
- 5. I certify that this project proposal has been uploaded for 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. The EIA/EMP report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 08**

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-4 to the minutes. The committee also stipulated following additional TOR Points:

#### **Additional TOR:**

- 1. Original Cluster Certificate should be submitted at the time of EIA presentation.
- 2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
- 3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. 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.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
- 8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

- 10. 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.
- 11. 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.
- 12. 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.
- 13. 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.
- 14. 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.
- 15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 16. 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.

#### 9. Expansion of Phase-II of Housing Scheme "ELDECO IMPERIA" at Khasra No.- 119, 122, 123, 124, 125, 126, 129, 131, 138, 139, 140, 293SA at Village - Jaitikhera, Pargana - Bijnaur, Tehsil- Sarojininagar, Lucknow, U.P., M/s Eldeco Housing And Industries Limited., 7522/ Proposal No. SIA/UP/INFRA2/413798/2023

The Secretariat informed the committee that the matter was earlier discussed in 713<sup>th</sup> SEAC meeting dated 24/01/2023 wherein:

"A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult, Delhi. The committee noted that the environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 132/Parya/SEAC/4763/2019, dated 28/06/2019 for the plot area 68,00 sqm and built up area 47,077.09 sqm. The project proponent submit the expansion of existing project proposal through online Parivesh Portal but the project proponent has not been submit the certified compliance report for the existing environmental clearance conditions imposed by SEIAA.

The committee directed the project proponent to submit certified compliance report from IRO, MoEFCC, Luknow for the existing environment clearance issued by SEIAA, U.P. for further consideration of the matter. The matter will be discussed only after submission of online requests along with a certified compliance report on prescribed online portal."

The project proponent submitted their replies through online Parivesh Portal on 25/04/2023 and the matter was listed for reply presentation in  $756^{\text{th}}$  SEAC meeting dated 29/05/2023. 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/ Ind Tech House Consult, Delhi. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

- The environmental clearance is sought for Expansion of Phase-II of Housing Scheme "ELDECO IMPERIA" at Khasra No.- 119, 122, 123, 124, 125, 126, 129, 131, 138,139, 140, 293SA at Village - Jaitikhera, Pargana - Bijnaur, Tehsil- Sarojininagar, Lucknow, U.P., M/s Eldeco Housing and Industries Limited.
- 2. Environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 132/Parya/SEAC/4763/2019, dated 28/06/2019 for the plot area 68,00 sqm and built up area 47,077.09 sqm.

- Certified compliance report for the existing project was issued by MoEF&CC, Lucknow vide letter No. VII/Env/SCL-UP/2716/38 dated 21/04/2023 and action taken report has been submitted by project proponent on 15/05/2023.
- 4. Due to addition of 79861 sqm of plot area, the total plot area will be 148061 sqm and the built-up area will be increased by 46623.6 sqm and total built-up area will be 93700.69 sqm.
- 5. Total plot area after expansion will be 148061 m<sup>2</sup> whereas built-up area will be 93700.69 m<sup>2</sup> respectively.
- 6. Total no of units are 536.

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Proposed area for Residentail 51.47 %

- 7. Estimated cost for expansion of the project is Rs. 76.24 Crores.
- 8. Maximum number of floors will be G+1 and maximum height of the building will be 9 m.
- 9. Comparative details of existing and expansion project:

| <i>)</i> . C | omparative details of existing and   |                                       |                 |          |      |  |  |  |
|--------------|--|---------------------------------------|-----------------|----------|------|--|--|--|
| Sl.          | Description  | As per previous EC                    | Addition Due to | Total    | Unit |  |  |  |
| No.          |  |                                       | Proposed        |          |      |  |  |  |
|              |  |                                       | Expansion       |          |      |  |  |  |
| GENE         |  | 1                                     | I               | 1        |      |  |  |  |
| 1            | Plot Area  | 68200                                 | 79861           | 148061   | SQM  |  |  |  |
| 2            | Proposed Built Up Area   | 47077.09                              | 46623.6         | 93700.69 | SQM  |  |  |  |
| 3            | No of General Plots  | 150                                   | 332             | 482      | No.  |  |  |  |
| 4            | No. of EWS and LIG Plots   | 32                                    | 68              | 100      | No.  |  |  |  |
| 5            | Total Cost of Project  | 50                                    | 76.24           | 126.24   | CR   |  |  |  |
| 6            | Expected Population  | 2046                                  | 3083            | 5129     | No.  |  |  |  |
| WAT          |  |                                       |                 |          |      |  |  |  |
| 7            | Total Water Requirement  | 188                                   | 281.71          | 469.71   | KLD  |  |  |  |
| 8            | Fresh water requirement  | 109                                   | 180.671         | 289.671  | KLD  |  |  |  |
| 9            | Waste water Generation   | 133                                   | 206.20          | 339.2    | KLD  |  |  |  |
| 10           | Proposed Capacity of STP   | 160                                   | 250             | 410      | KLD  |  |  |  |
| 11           | Treated Water Available for Reuse  | 107                                   | 185.58          | 292.58   | KLD  |  |  |  |
| 12           | Recycled Water   | 79                                    | 103.76          | 182.76   | KLD  |  |  |  |
| 13           | Surplus treated water  | 28                                    | 81.82           | 109.82   | KLD  |  |  |  |
| 14           | Rain Water Harvesting - Recharge   | 6                                     | 17              | 23       | No.  |  |  |  |
|              | Pits   |                                       |                 |          |      |  |  |  |
| PARK         | KING   | ·                                     |                 |          |      |  |  |  |
| 15           | Total Proposed Parking   | 283                                   | 332             | 615      | Nos. |  |  |  |
| GREE         | EN AREA  |                                       |                 |          |      |  |  |  |
| 16           | Proposed Green Area  | 9376.02                               | 12027.96        | 21403.98 | SQM  |  |  |  |
| WAS          | TE GENERATION  |                                       |                 |          |      |  |  |  |
| 17           | Municipal Solid Waste Generation 1.02  |                                       | 1.42            | 2.44     | TPD  |  |  |  |
| POW          | ER   | •                                     |                 |          |      |  |  |  |
| 18           | Total Power Requirement  | 1100                                  | 1216            | 2316     | KW   |  |  |  |
| 19           | DG set backup  | 535                                   | 63              | 598      | KVA  |  |  |  |
| 20           | No of DG Sets  | 3(1X250+1X160+1X125)                  | 1 (1x63)        | 4        | No.  |  |  |  |
| 10. S        | alient features of proposed expansi  | on:                                   |                 | •        |      |  |  |  |
|              | SI. No. Description Quantity   |                                       |                 |          |      |  |  |  |
|              | ERAL   |                                       |                 |          |      |  |  |  |
| 1            | Total Plot Area  |                                       | 79861           | SQI      | ЛТ   |  |  |  |
| 2            | Proposed Built Up Area   |                                       | 46623.6         | SQMT     |      |  |  |  |
| 3            | No of General Plots332   |                                       | No.             |          |      |  |  |  |
| 4            |  |                                       | 68              | No.      |      |  |  |  |
| 5            | No. of Units   |                                       | 536             | No.      |      |  |  |  |
| 6            | Max Height   |                                       | 9               | M        |      |  |  |  |
| 7            | Max No of Floors   |                                       |                 | No.      |      |  |  |  |
| 8            | Expected Population  |                                       |                 | No.      |      |  |  |  |
| 9            | Total Cost of Project  |                                       |                 |          |      |  |  |  |
| 10           | Total Cost of Project     76.24     CR       Proj Activity : Plotted Housing colony, Shopping & Community Facilities |                                       |                 |          |      |  |  |  |
| AREA         |  | iony, shopping & Communit             |                 |          |      |  |  |  |
| AKEF<br>11   | Permissible area for Residentail 5   | ea for Residentail 55 % 43923.55 SQMT |                 |          |      |  |  |  |
| 12           | Fermissible area for Residential 5.  | 43923.33                              |                 |          |      |  |  |  |

SQMT

41107.52

| 13   | Permissible area for Facilities - 5%                           |      | 3996.46     | SQMT   |  |
|--|--|------|-------------|--------|--|
| 14   | Proposed area for Facilities 5 %                               |      | 3996.46     | SQMT   |  |
| 15   | Proposed FAR Area (Residentail + Commercial + Community)       |      | 3515.77     | SQMT   |  |
| 16   | Proposed Non FAR Areas   |      | 658.18      | SQMT   |  |
| 17   | Proposed Total Built Up Area                                   | 4    | 16623.6     | SQMT   |  |
| WATER                                      |  |      |             |        |  |
| 18   | Total Water Requirement  |      | 284.45      | KLD    |  |
| 19   | Fresh water requirement  |      | 80.68       | KLD    |  |
| 20   |  |      | 03.77       | KLD    |  |
| 21   | Waste water Generation 206.2                                   |      | 206.26      | KLD    |  |
| 22   | Proposed Capacity of STP 250                                   |      |             | KLD    |  |
| 23   | Treated Water Available for Reuse                              |      | 85.63       | KLD    |  |
| 24   | Surplus treated water to be discharged in Municipal Sewer with | 8    | 81.86       | KLD    |  |
|  | Prior permission   |      |             |        |  |
| RAIN W                                     | ATER HARVESTING  |      |             |        |  |
| 25   | Rain Water Harvesting - Recharge Pits                          |      | 17          | No.    |  |
| PARKIN                                     |  |      |             |        |  |
| 26   | Proposed Car Parking   |      | 332         | Nos.   |  |
| 27   | Proposed Scooter parking                                       |      | 204         | Nos.   |  |
| GREEN                                      | AREAS  |      |             | ·      |  |
| 28   | Required green Area  |      | 11979.15    | SQMT   |  |
| 29   | Proposed Green Area  |      | 12027.96    | SQMT   |  |
| WASTE                                      | GENERATION   |      |             |        |  |
| 30   | Total Solid Waste Generation                                   |      | 1.42        | TPD    |  |
| 31   | Organic waste  |      | 0.85        | TPD    |  |
| 32   | Quantity of Sludge Generated from STP                          |      | 25          | KG/DAY |  |
| ENERG                                      | Y  |      |             |        |  |
| 33   | Total Power Requirement  |      | 1216        | KW     |  |
| 34   | DG set backup  |      | 63          | KVA    |  |
| 11. Lar                                    | dscape plan:   |      |             |        |  |
|  | a for Expansion  |      | 79861 m2    |        |  |
| Proposed Green Area (15.06 % of plot area) |  |      | 12027.96 m2 |        |  |
| Required No of Trees                       |  |      | 998.26      |        |  |
| Proposed No. of trees                      |  |      | 1000        |        |  |
|  | d waste details:   |      | 1000        |        |  |
|  |  | Quar | tity        | Unit   |  |
|  |  | 1.42 | iiiiy       | TPD    |  |
|  |  | 0.85 |             | TPD    |  |
|  | of Sludge Generated from STP                                   | 25   |             | KG/Day |  |
| Quantity                                   | or studge Generated from STP                                   | 23   |             | KG/Day |  |

13. The project proposal falls under category 8(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 27/05/2023 mentioning is as follows:

- 1. I, anand Kumar Dubey, S/o Shri Amar Nath Dubey is EIA Coordinator of M/s Ind Tech House Consult, Delhi. .
- I, have prepared the EC report for the proposal no. SIA/UP/Infra2/413798/2023 in name of Expansion of Phase-II of Housing Scheme "ELDECO IMPERIA" at Khasra No.- 119, 122, 123, 124, 125, 126, 129, 131, 138,139, 140, 293SA at Village - Jaitikhera, Pargana - Bijnaur, Tehsil-Sarojininagar, Lucknow, U.P., M/s Eldeco Housing and Industries Limited with my team.
- 3. I have personally visited the site of proposal and certify that no construction 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 application form-1, 1A & conceptual plan for environment clearance 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 will be submitted after acceptance of

application except project cost which was submitted as 9.4 crore but the project cost now revised to 76.24 crore which has been updated in presentation.

7. The EC report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 09**

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

#### **Additional Conditions:**

- 1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
- 2. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
- 3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
- 4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
- 5. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
- 6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
- 7. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
- 8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
- 9. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
- 10. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

#### **Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

- 1. Statutory compliance:
  - 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
  - 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  - 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  - 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
  - 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.

- 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- 2. Air quality monitoring and preservation:
  - 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  - 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  - 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 andPM25) covering upwind and downwind directions during the construction period.
  - 4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height).Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  - 5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  - 6. Wet jet shall be provided for grinding and stone cutting.
  - 7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  - 8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
  - 9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
  - 10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- 11. For indoor air quality the ventilation provisions as per National Building Code of India.
- 3. Water quality monitoring and preservation:
  - 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  - 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  - 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  - 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  - 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available.

This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

- 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
- 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- 10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- 11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- 12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- 13. All recharge should be limited to shallow aquifer.
- 14. No ground water shall be used during construction phase of the project.
- 15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- 16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
- 18. No sewage or untreated effluent water would be discharged through storm water drains.
- 19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
- 21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
- 4. Noise monitoring and prevention:
  - Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise

level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.

- 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
- 5. Energy Conservation measures:
  - 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  - 2. Outdoor and common area lighting shall be LED.
  - 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  - 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  - 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  - 6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
- 6. Waste Management :
  - 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  - 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  - 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  - 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/person/day must be installed.
  - 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  - 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  - 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
  - Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  - 9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.

- 10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
- 7. Green Cover:
  - 1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  - 2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  - 3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  - 4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- 8. Transport:
  - 1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  - 2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  - 3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- 9. Human health issues :
  - 1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  - 2. For indoor air quality the ventilation provisions as per National Building Code of India.
  - 3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - 4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  - 5. Occupational health surveillance of the workers shall be done on a regular basis.
  - 6. A First Aid Room shall be provided in the project both during construction and operations of the project.
- 10. Corporate Environment Responsibility:

- 1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- 2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- 3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- 11. Miscellaneous:
  - 1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  - 2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  - 3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  - 4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  - 5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  - 6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  - 7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - 8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  - 9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  - 10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - 11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - 12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  - 13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

- 14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- 15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

### <u>Construction of Group Housing Project "Excella Kutumb" located at khasra No. 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2675 Sa, 2677, Village-Bakkas, Tehsil- Mohanlalganj, District Lucknow, Shri Haresh Mishra, M/s ABC Infra Promoters Pvt. Ltd/Consortium., File No. 7663/7299/Proposal No. SIA/UP/INFRA2/419174/2023</u>

The Secretariat informed the committee that the matter was earlier discussed in 737<sup>th</sup> SEAC meeting dated 21/03/2023 and recommended to grant the environmental clearance in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI with additional conditions. Subsequently, the matter was taken up in 721<sup>st</sup> SEIAA meeting dated 24/04/2023 wherein:

"SEIAA noted that SEAC has recommended to grant EC to the above project under violation category. SEIAA also gone through legal notice received via email dated 19.04.2023 of Shri Arvind Rai regarding the above project. Hence SEIAA opined to refer back the project to SEAC for review in light of notice received."

As per the decision of SEIAA, the matter was listed in 756<sup>th</sup> SEAC meeting dated 29/05/2023. The committee has gone through the legal notice letter dated 18/04/2023 of Mr. Arvind Kumar Rai, Advocate High Court Allahabad and opined that the aforesaid legal notice is being shared with project proponent with the direction to submit reply on the issues raised in above legal notice.

The project proponent submitted their response to the allegations made by Mr. Arvind Kumar Rai regarding alleged non-compliance of EIA Notification, 2006 & misinterpretation of violation SoP dated 07/07/2021 in the matter of Environmental Clearance application of the Group Housing Project "Excella Kutumb" proposed by M/s ABC Infrapromoters Pvt. Ltd./consortium at Village-Bakkas, Tehsil-Mohanlalaganj, District-Lucknow. The project proponent also submitted that as per the procedure laid down in violation SoP dated 07/07/2021, legal proceedings were initiated under section 15/16 of the E (P) Act, 1986 against the project proponent in CJM Court, Lucknow and the case has already been disposed off by the Hon'ble Court vide order dated 16/02/2023.

The committee discussed the matter on the basis of procedure laid down in violation SoP dated 07/07/2021 and reply dated 29/05/2023 submitted by the project proponent on legal notice and it seems satisfactory. Hence, the committee recommended grant of environmental clearance on the project proposal alongwith environmental clearance conditions earlier stipulated in 737<sup>th</sup> SEAC meeting dated 21/03/2023.

#### 11. <u>Gross Violation of EPA act 1986 by Builders M/s Gaursons India Pvt. Ltd. & M/s H&S in</u> <u>Greater Noida</u>

The Secretariat informed the committee that the matter was earlier discussed in 722<sup>nd</sup> SEIAA meeting dated 26/04/2023 wherein:

"SEIAA gone through the legal notice of Shri J. P. Sharma received via email dated 23/04/2023 and opined that the legal notice be referred to SEAC for necessary action and a letter shall be sent to DM Greater Noida and UPPCB that no construction shall be done without valid EC."

As per the decision of SEIAA, the matter was listed in 756<sup>th</sup> SEAC meeting dated 29/05/2023. The committee has gone through the legal notice of Shri J.P. Sharma received via email dated 23/04/2023 and opined that SEIAA may issue show cause notice to the project proponent with the direction to stop the construction work at the project site. The committee requested SEIAA to send a letter with Direction to District Magistrate Gautam Budh Nagar, Greater Noida Authority and UP Pollution Control Board for compliance with the show cause notice to stop the construction work at the project site and provide the factual report of the project site within 15 days.

(Prof. Jaswant Singh) Member (Dr. Amrit Lal Haldar) Member (Dr. Dineshwar Prasad Singh) Member

(Tanzar Ullah Khan) Member (Dr. Shiv Om Singh) Member (Dr. Harikesh Bahadur Singh) Chairman

(Ashish Tiwari) Member-Secretary

Nodal, SEAC-2

MoM prepared by Secretariat in consultation with Chairman & Members on the basis of decisions taken by SEAC-2 during the meeting.

#### Annexure-1

#### General and Specific Conditions for Gitti, Patthar & Boulder Mining Projects: -

#### A. <u>General Conditions:</u>

- 1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
- 2. Forest clearance shall be taken by the proponent as necessary under the law.
- 3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
- 4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
- 5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
- 6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
- 7. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
- 8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
- 9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
- 10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
- 11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
- 12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
- 13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
- 14. The transportation of the materials shall be limited to the day hours' time only.
- 15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- 16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

- 18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
- 19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
- 20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
- 21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
- 22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1<sup>st</sup> June and 1st December of each calendar year.
- 23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
- 24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

#### B. <u>Specific Conditions:</u>

- 1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
- 2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
- 3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
- 4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
- 5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
- 6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
- 7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
- 8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
- 9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
- 10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
- 11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.

- 12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
- 13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
- 14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
- 15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
- 16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
- 17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
- 18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
- 19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- 20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
- 21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
- 22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
- 23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
- 24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.

- 25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
- 26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
- 27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
- 28. Occupational health and safety measures for the workers including identification of workrelated health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
- 29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
- 30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
- 31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
- 32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
- 33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
- 34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (AprilMay), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
- 35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
- 36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
- 37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be

covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.

- 38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
- 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
- 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
- 41. Commitment towards CER has to be followed strictly.
- 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
- 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
- 44. The blasting will be done only after getting permission from the Mining Department.