

### **Minutes of 621<sup>st</sup> SEAC-2 Meeting Dated 31/01/2022**

The 621<sup>st</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 31/01/2022. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2            |
| 2. | Dr. Amrit Lal Halder,       | Member, SEAC-2 (through VC) |
| 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 (through VC) |
| 6. | Dr. Shiv Om Singh,          | Member, SEAC-2              |

The Chairman welcomed the members to the 621<sup>st</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. Common Biomedical Waste Treatment Facility by Restore health Medicare Pvt. Ltd. At Khasra No.- 1 & 77, Village- Bachati Bangar, Tehsil- Sikandra, Kanpur Dehat, U.P. File No. 6805/Proposal No. SIA/UP/MIS/70574/2021**

#### **RESOLUTION AGAINST AGENDA NO-01**

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 Green Enviro Engineers Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit the following documents/ information:

1. The project proponent shall submit HCF's beds details and other bio-medical waste sources duly certified by concerned District CMOs and other competent authority in the radial distance of 75 kms area of proposed CBWTF site.
2. Project proponent shall submit the point wise clarification/ proposal for biomedical waste treatment and disposal with respect to revised guidelines of site criteria for New CBWTF 2016 of CPCB.
3. Detailed map showing the location of existing CBWTF in radial distance of 75kms along with geo-coordinates from your proposed site.
4. Project proponent has to submit the certified Baseline data of biomedical waste generation in radial distance of 75 km by concerned District CMOs/ RO (UPPCB).

The matter shall be discussed after submission of online information on prescribed portal.

2. **Commercial Project “Lulu Mall” at IBB-2, Plot No., T4A, T-5, Sushant Golf City (Hi Tech Township), Shaheed Path, Village-Hariharpur, Tehsil,Sarojani Nagar,Lucknow, M/s Lulu India Shopping Mall Pvt. Ltd. File No. 6807/6467/Proposal No. SIA/UP/MIS/70564/2021**

**RESOLUTION AGAINST AGENDA NO-02**

The project proponent through letter dated 28/01/2022 informed that due to unavoidable circumstances, they are not in a position to attend the SEAC meeting and requested to not considered the project in 621<sup>st</sup> SEAC meeting dated 31/01/2022. The committee discussed the matter and directed to defer the matter as per the request made by the project proponent. The file shall not be treated as pending at SEAC-2 level. The matter will be discussed only after the submission of the online request on the prescribed online portal.

3. **Addition & Expansion of API Drugs & Intermediates at Khasra No.- C-24 to c-28, Plot No. C-24 To 28, UPSIDC Industrial Area, Meerut Road, Begrajpur, Khatauli, Muzaffarnagar, M/s Magma Industries Limited. File No. 6810/Proposal No. SIA/UP/IND3/247678/2021**

**RESOLUTION AGAINST AGENDA NO-03**

The project proponent through letter dated 29/01/2022 requested to defer the matter in the upcoming SEAC-1 meeting. The committee discussed the matter and directed to defer the matter as per the request made by the project proponent. The file shall not be treated as pending at SEAC-2 level. The matter will be discussed only after the submission of the online request on the prescribed online portal.

4. **Sand/Morrum Mining from Yamuna Riverbed at Gata No.2/4, 2/23, 2/24 & 2/28 (Khand No. 03), Village- Bendakhadar, Banda., Shri Kailash Singh Yadav, M/s Pehalwan Traders., Area- 21.00 ha. File No. 6814/Proposal No. SIA/UP/MIN/70448/2021**

**RESOLUTION AGAINST AGENDA NO-04**

The project proponent/consultant did not appear. The committee discussed and deliberated that 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-2 level. The matter will be discussed only after the submission of the online request on the prescribed online portal.

5. **Sand Mining project at Gata No. 659 & 671, Village- Doondawala Ehatmali, Tehsil-Suar, District-Rampur, U.P., (Leased Area-4.351 Ha.). File No. 6815/Proposal No. SIA/UP/MIN/70642/2021**

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 Earthvision India Associate Consultant (P) 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 Mining project at Gata No. 659 & 671, Village- Doondawala Ehatmali, Tehsil- Suar, District-Rampur, U.P., (Leased Area-4.351 Ha.).

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

|     |  |   |  |  |
|-----|--|---|--|--|
| 1.  | On-line proposal No.   | SIA/UP/MIN/70642/2021   |  |  |
| 2.  | File No. allotted by SEIAA,UP  | 6815  |  |  |
| 3.  | Name of Proponent  | Shri Sunny Garg S/o- Shri Meghraj Garg  |  |  |
| 4.  | Registered Address   | R/o- Ramraj Road, Bazpur, District- Udham Singh Nagar (U.K.)                                  |  |  |
| 5.  | Full correspondence address of proponent and mobile no.              | R/o- Ramraj Road, Bazpur, District- Udham Singh Nagar (U.K.)                                  |  |  |
|     |  | Mobile No.- 9837081009  |  |  |
|     |  | E-mail ID-dhanlaxmistone475@gmail.com   |  |  |
| 6.  | Name of Project  | “Doondawala Ehatmali Ordinary Sand Mine”  |  |  |
| 7.  | Project location Khasra No   | Gata No. 659 & 671  |  |  |
| 8.  | Name of Village  | Doondawala Ehatmali   |  |  |
| 9.  | Tehsil   | Suar  |  |  |
| 10. | District   | Rampur, Uttar Pradesh.  |  |  |
| 11. | Name of Minor Mineral  | Ordinary Sand   |  |  |
| 12. | Total Area (in Ha.)  | 4.351 Ha  |  |  |
| 13. | Total Workable Area (in Ha.)   | 3.6296 Ha.  |  |  |
| 14. | Pillar Coordinates (Verified by DMO)                                 | PILLAR  | LATITUDE                                     | LONGITUDE  |
|     |  | A   | 29° 4'22.10"N                                | 79° 0'57.80"E  |
|     |  | B   | 29° 4'26.28"N                                | 79° 0'59.85"E  |
|     |  | C   | 29° 4'23.56"N                                | 79° 1'5.96"E   |
|     |  | D   | 29° 4'22.94"N                                | 79° 1'5.55"E   |
|     |  | E   | 29° 4'21.21"N                                | 79° 1'9.04"E   |
|     |  | F   | 29° 4'16.07"N                                | 79° 1'5.81"E   |
|     |  | G   | 29° 4'17.48"N                                | 79° 1'2.72"E   |
|     |  | H   | 29° 4'19.59"N                                | 79° 1'3.85"E   |
| 15. | Period of agreement between Project proponent & Land Owner           | 6 Months  |  |  |
| 16. | Mine Plan approval details   | Letter No. 2021/12/13/94732<br>Dated 14/12/2021 (attached as Annx)                            |  |  |
| 17. | Validity of Mine Plan  | 6 Months  |  |  |
| 18. | Total Proposed Production  | 87000 Cubic Meter   |  |  |
| 19. | Method of Mining   | Opencast, Semi-mechanized Method  |  |  |
| 20. | Man power requirement  | 52 persons  |  |  |
| 21. | Type of Land   | Private land  |  |  |
| 22. | Ultimate Depth of Mining   | 2.5 m   |  |  |
| 23. | Water Requirement  |   | Purpose                                      | Detail   |
|     |  |   |  | Avg. Demand/Day  |
|     |  | Portable Tanker   | Drinking@15lpcd/worker                       | 52 workers x 15lpcd = 780lpcd  |
|     |  |   | Land reclamation / plantation @5 Lit/Tree    | 100Trees x 5 lpcd = 500 lpcd   |
|     |  |   | Dust suppression @2Lit/Sq.m (Twice in a day) | Haul Road Area 1500 m <sup>2</sup> = 1500 m <sup>2</sup> x 2 lpcd/Sq.m = 3000 lpcd |
|     |  | Total   |  | 4.28 KLD   |
| 24. | Name of QCI Accredited Consultant with QCI No and period of validity | M/s Earthvision India Associate Consultants, QCI NABET/EIA/2124/IA 0077 Valid till 24.02.2024 |  |  |
| 25. | Any litigation pending against the project or land in any court      | No  |  |  |
| 26. | Areas which are important or sensitive for ecological reasons –      | None  |  |  |

|     |   |   |
|-----|---|---|
|     | Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration |   |
| 27. | Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)   | There are number of areas occupied by sensitive man made land uses within 15 km of radius Only schools, small hospital and temples are present. |
| 28. | Details of 500 m Cluster certificate & Map Verified by Mining Officer   | Letter No. 64/Khanij<br>Dated 03-12-2021<br>(Attached as Annx)  |
| 29. | Proposed Project Cost   | Rs. 51.425 Lakhs  |
| 30. | Proposed CER cost   | Rs. 2.57125 Lakhs   |
| 31. | Proposed EMP cost   | Rs. 3.575 Lakhs   |
| 32. | No. of Trees to be Planted.   | 100   |

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

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

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

#### **Additional TOR:**

1. Proponent shall submit notarized agreement/ consent of competent authority/ landowner for haulage road from lease site to link road at the time of EIA presentation.
2. The proponent/ consultant should prepare and submit a proposed plan for safe disposal of municipal solid waste and human excreta.
3. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the quarry area. The surface runoff rain water harvesting and other water conservation measures of long term basis are to be taken in consultation with central/State Ground water Board. The water so collected should be utilized for watering the haulage area, roads and green belt development etc.
4. Proponent/ Consultant should provide the plan/information about the technology 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.
7. Monitoring site photographs along with PP/PP authorized person, date, time and place with geo coordinates should be submitted at the time of EIA presentation.

**6. API and Bulk Drug Manufacturing Unit at Plot No. B-15 to B-17, UPSIDC, Sandila, Hardoi, M/s Swarup Chemicals Pvt. Ltd. File No. 6819/Proposal No. SIA/UP/IND3/248438/2021**

**RESOLUTION AGAINST AGENDA NO-06**

The Secretariat informed the committee that the hard copy of the documents has not been received till date. Due to non-availability of required documents in the File, the case cannot be appraised. The committee has directed the project proponent/ consultant to submit the required documents. Also, the committee directed to defer the matter and the case may be taken after online request received from project proponent.

**7. Group Housing Project “Green Wood Apartments” at Arazi No: 254MI, 255MI, 256 MI, 257 MI, 258 MI, 259 MI, 260 MI, 261 MI, 262 MI, 263 MI, 282 MI, 283 MI, 284, 285, 286 MI, Village- Tal Ramgarh, Arazi No: 144MI & 157MI Village-Rampur On Planned Plot, Near Boudh Sanghralaya Ramgarh Tal Pariyojna, District-Gorakhpur, U.P. File No. 6823/Proposal No. SIA/UP/MIS/248468/2021**

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 Sawen Consultancy Services 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 Group Housing Project “Green Wood Apartments” at Arazi No: 254MI, 255MI, 256 MI, 257 MI, 258 MI, 259 MI, 260 MI, 261 MI, 262 MI, 263 MI, 282 MI, 283 MI, 284, 285, 286 MI, Village- Tal Ramgarh, Arazi No: 144MI & 157MI Village-Rampur On Planned Plot, Near Boudh Sanghralaya Ramgarh Tal Pariyojna, District-Gorakhpur, U.P., M/s Gorakhpur Development Authority.

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

|    |                                  |                         |
|----|----------------------------------|-------------------------|
| 1  | Plot area                        | 27194.90 m <sup>2</sup> |
| 2  | Built-up Area                    | 94127.80m <sup>2</sup>  |
| 3  | Total Expected Population        | 2470 Persons            |
| 4  | Max. Height of the Building      | 37.43m (B+SF+11)        |
| 5  | Source of water supply           | 1 no Borewell           |
| 6  | Electricity supply               | 33 KV                   |
| 7  | Total Consumption of Water       | 199 KLD                 |
| 8  | Total MSW generated              | 1475.5 Kg/Day           |
| 9  | STP capacity                     | 160 KLD                 |
| 10 | No of Rain Water Harvesting Tank | 1 no.                   |
| 11 | Total Project Cost               | 371.3191 Crore          |

3. Land use details:

| S. no. | Description          | Area (sqm) | % of total plot area |
|--------|----------------------|------------|----------------------|
| 1      | Plot area            | 27194.90   | 100                  |
| 2      | Ground Coverage Area | 7304.00    | 26.85                |
| 3      | Green Area           | 4189.47    | 15.40                |
| 4      | Open & Road Area     | 15701.43   | 57.73                |

4. Landscape development plan:

| S.no. | Description             | Units        | Percentage         |
|-------|-------------------------|--------------|--------------------|
| 1     | Total plot area         | 27194.90 sqm | 100%               |
| 2     | Total green area        | 4189.47 sqm  | 15.40%             |
| 3     | Softscaping area (tree) | 3561.04 sqm  | 85 % of green area |

|   |  |            |                   |
|---|--|------------|-------------------|
|   | plantation)  |            |                   |
| 4 | Hardscaping area (gardening)   | 628.42 sqm | 15% of green area |
| 5 | Required number of trees at 1 tree per 80 sqm                        | 340 nos.   | --                |
| 6 | Proposed number of trees at 3 m x 3 m for 1 tree in softscaping area | 395 nos.   | --                |

## 5. Parking details:

|                        |          |                |     |
|------------------------|----------|----------------|-----|
| BASEMENT AREA 4 BHK    | 2470.09  | PARKING DETAIL |     |
| BASEMENT BALANCE       | 10364.15 | STILT          | 158 |
|                        | 12834.24 | BASEMENT       | 224 |
|                        |          | OPEN           | 239 |
| TOTAL PARKING PROVIDED |          |                | 621 |

## 6. Water requirement details:

| S. No.                           | Water Use                 | Population             | Per Capita in (LPCD) | Water Requirement (KLD) | Waste Water Generation (KLD) |
|----------------------------------|---------------------------|------------------------|----------------------|-------------------------|------------------------------|
| 1.                               | Residents                 | 2200                   | 86                   | 189.2                   | 151.36                       |
| 2.                               | Service Staff             | 50                     | 45                   | 2.25                    | 1.8                          |
| 3.                               | Visitors                  | 220                    | 15                   | 3.3                     | 2.64                         |
| TOTAL DOMESTIC WATER REQUIREMENT |                           |                        |                      | 194.75                  | 155.8                        |
| 4.                               | Gardening/ Landscape Area | 4189.47 m <sup>2</sup> | 1 l/m <sup>2</sup>   | 4.18                    | Nil                          |
| TOTAL WATER REQUIREMENT          |                           |                        |                      | 198.9                   | 155.8                        |

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

**RESOLUTION AGAINST AGENDA NO-07**

**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:**

1. Plan for installation of organic waste convertor should be submitted alongwith the compliance report.
2. Electric vehicle charging station in the premises shall be provided.
3. The project proponent shall obtain the permission from the Airport Authority (NOC) before commencement of work.

**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.

5. 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 and PM25) covering upwind and downwind directions during the construction period.
  4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
  5. 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, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  6. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  7. Wet jet shall be provided for grinding and stone cutting.
  8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  9. 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.
  10. 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.
  11. 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. Low Sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

12. 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:
  1. 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.
  8. 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.

**8. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 02, Khand No.-01, Village- Kalothra, Tehsil-Tahrauli, Jhansi., M/s R.S. Mines & Minerals, Area: 3.50 ha. File No. 6271/Proposal No. SIA/UP/MIN/207880/2021**

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 P & M Solution. The committee discussed the matter and directed the project proponent to submit following information:

1. Agreement between project proponent and landowner regarding the plantation on road side. 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.
2. Proponent shall submit notarized agreement/ consent of competent authority/ landowner for haulage road from lease site to link road.
3. The proponent/ consultant should prepare and submit a proposed plan for safe disposal of municipal solid waste and human excreta.
4. Proponent/ Consultant should provide the plan/information about the technology to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement.
5. Water requirement details along with source of water.
6. Monitoring site photographs along with person, date, time and place with geo coordinates should be submitted.

The matter shall be discussed after submission of online information on prescribed portal.

**9. Sand/Morrum at Gata No.- 332/17, Part of 333/7, 431/333/1, (Khand No.- 06), Village- Marauli Khandar, Tehsil & District- Banda, U.P., M/s Think Home Infra build Pvt. Ltd., Area -23.00 ha. File No. 4827/5298/Proposal No. SIA/UP/MIN/237550/2021**

The committee noted that the matter was earlier listed in 531<sup>st</sup> SEIAA meeting dated 07/12/2021 and directed is as follows:

*"SEIAA gone through the letter of the project proponent dated 08.11.2021 regarding amendment in minable reserves of EC. SEIAA opined that the above letter shall be referred to SEAC for comments."*

As per the direction of SEIAA, the matter was listed in 621<sup>st</sup> SEAC meeting dated 31/01/2022. The committee noted that the environmental clearance for the above project proposal was issued by SEIAA, U.P. vide letter no. 132/Parya/SEIAA/4827-5298/2019, dated 18/06/2020 for the production of 4,60,000 m<sup>3</sup>/year sand/morrum mining. The project proponent Shri Durga Prasad

Tripathi vide letter dated 08/11/2021 informed that they have conducted the post-monsoon, 2021 replenishment study of allocated area as mentioned in specific condition no. 28 of EC. As per replenishment study only 8.199 ha available for the mining activity which can produce maximum minor mineral production of 2,45,970 cubic meter upto a permissible depth of 03 meter. The project proponent applied amendment of production capacity mentioned in Environment Clearance letter dated 18/06/2020.

The committee discussed the matter in depth and opined that a letter should be sent to District Magistrate, Banda and Mining Officer, Banda for providing reassessment/factual report of the project. A copy of the letter should be sent to Geology and Mining Department, U.P. for further necessary action.

The matter shall be further discussed after receipt of factual report.

**10. Sand Mining from Yamuna Riverbed at Gata No-212 ,216-224, 232-246, 379, 381-385, 391,392, Khand No.-03, Village- Subhanpur, Tehsil-Khekra, Baghpat. M/s MHG Land Stockiest Pvt. Ltd.- Area-16.0053 Ha. File No. 3894/Proposal No. SIA/UP/MIN/71392/2017**

The project proponent requested to present their case/report before the SEAC in upcoming meeting. The committee agreed with the request made by project proponent and directed to defer the matter in next SEAC meeting.

**11. Common Bio-medical Waste Treatment Facility (CBWTF) at Khasra No.-1035, Village-Bhairesar, Kada, Tehsil- Sirathu, Kausambi., Shri Samridhi Karvariya, Director, M/s Topsy Turvy Retail Pvt.Ltd. File No. 5801/Proposal No. SIA/UP/MIS/56134/2020**

SEAC gone through the letter dated 09/01/2022 and 31/01/2022 of M/s Bamdev Smart Solution Private Ltd. through which they have informed that:

*“It is to bring to your kind notice that Bamdev Smart Solutions Pvt. Ltd. has established and running a CBWTF at Gata Sankhya 474, Mauza Mohan purwa, Banda. This facility is granted and stipulated by MoEF&CC Govt. of India and UPPCB Govt. of Uttar Pradesh for the biomedical waste disposal work in the district of Banda, Mahoba, Hamirpur, Chitrakoot, and Fatehpur. The availability of hospitals and number of beds are very less in the above 05 districts.*

*For the establishment of CBWTF we had got Environment clearance from Directorate of Environment Uttar Pradesh, in which area allocated to us were Banda, Mahoba, Hamirpur, Chitrakoot, and Fatehpur. After getting all required NOCs and authorization from the concerned authorities we are currently working in districts of Banda, Mahoba, Hamirpur, Chitrakoot, and Fatehpur and are struggling for viability.*

*Through the meeting minutes of SEAC Meeting dated 10.12.2021, we came to know that SEAC has recommended a new CBWTF in district Kausambhi (M/s Topsy Turvy Retail Pvt. Ltd. at Khasra No. 1035, Village- Bhairesar, Kada, Tehsil- Sirathu, Kausambhi) covering areas of the districts of Kausambi, Prayagraj, Fatehpur, Chitrakoot, Pratapgarh and Raebareli. We do not have any objections in establishment of the above new CBWTF instead we appreciate the efforts taken by SEAC, SEIAA and Directorate of Environment Uttar Pradesh in this regard, but the districts allocated are also in violation of Revised Guidelines for Common Bio Medical Waste*

*Treatment and Disposal Facilities, 2016 which states" action may be initiated by prescribed authority for allowing a new CBWTF in that locality without interfering the coverage area of existing CBWTF and beds covered by existing CBWTF."*

*This is to bring to the notice of SEAC that districts Chitrakoot and Fatehpur has already been allocated to our company as per Environment clearance and in MoU of MoEF&CC Govt. of India and UPPCB Govt. of U.P. and we are currently working in districts of Chitrakoot and Fatehpur in addition to Banda, Mahoba and Hamirpur.*

*We are covering only 3890 beds in total (which includes all the 05 districts allotted to us), and there is still 6110 beds short of our 10,000 beds capacity.*

*The revenue generated from these Health Care Facilities from the allotted districts are barely enough to meet our expenses and we are striving hard and struggling to keep ourselves viable in this sector. In violation of Revised Guidelines for Common Bio Medical Waste Treatment and Disposal Facilities,2016, if Chitrakoot and Fatehpur are allotted to a another facility then it will become very difficult for our already struggling CBWTF to make our ends meet.*

*Moreover apart from Chitrakoot and Fatehpur, M/s Topsy Turvy Retail Pvt. Ltd. at Khasra No. 1035, Village- Bharesar, Kada, Tehsil- Sirathu, Kausambhi, have been allotted bigger districts of Prayagraj, Raibareli,Pratapgarh, Kausambi where huge number of hospitals and innumerable beds are available.*

*So, you are therefore requested to kindly review the coverage area of M/s Topsy Turvy Retail Pvt. Ltd. at Khasra No. 1035, Village- Bharesar,Kada, Tehsil- Sirathu, Kausambhi which were recommended in SEAC-2 in its 605th meeting dated 10.12.2021, and thereby make necessary amendments so that the guidelines set in Revised Guidelines for Common Bio Medical Waste Facility, 2016 are also not violated.*

*We expect your kind co-operation in this matter for strict implementation of the guidelines set in Revised Guidelines for Common Bio Medical Waste Facility, 2016".*

**The committee gone through the provision made in para-2(b) of Revised Guidelines for Common Bio-medical Waste Treatment and Disposal Facilities i.e. “in such a case, action may be initiated by the prescribed authority for allowing a new CBWTF in that locality without interfering the coverage area of the existing CBWTF and beds covered by the existing CBWTF” and observed that treatment and disposal facility of biomedical waste in district Chitrakoot and Fatehpur has already been allotted to M/s Bamdev Smart Solution Private Ltd. and districts (Chitrakoot and Fatehpur) has also been mentioned in environmental clearance letter dated 08/02/2020 issued by SEIAA in favour of M/s Bamdev Smart Solution Private Ltd. Hence, the committee discussed the matter in depth and directed to omit the name of district Chitrakoot and Fatehpur mentioned in Minutes of SEAC meeting dated 10/12/2021 issued for the proposed project “Common Bio-medical Waste Treatment Facility (CBWTF) at Khasra No.-1035, Village-Bharesar, Kada, Tehsil- Sirathu, Kausambi., Shri Samridhi Karvariya, Director, M/s Topsy Turvy Retail Pvt. Ltd. (File No. 5801)”.**

**All the other contents mentioned in Minutes of SEAC meeting dated 10/12/2021 shall remain the same.**

**12. Soil excavation form Gata Nos. 520, 506 at Village-Palhari, Tehsil-Navabganj, Barabanki, Shri Ashok Kumar Srivastva, Area – 0.444 ha. File No. 6867/Proposal No. SIA/UP/MIN/251012/2022**

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

1. The environmental clearance is sought for Simple soil excavation at Gata Nos. 520, 506, Village-Palhari, Tehsil – Nawabganj, District - Barabanki, Uttar Pradesh of Divine Heart Hospital and Research Centre Pvt Ltd,
2. Salient features of the project as submitted by the project proponent:

|     |   |   |                 |              |
|-----|---|---|-----------------|--------------|
| 1.  | On-line proposal No.                                    | SIA/UP/MIN/251012/2022  |                 |              |
| 2.  | File No. allotted by SEIAA, UP                          | 6867  |                 |              |
| 3.  | Name of Proponent                                       | Dr Ashok Kumar Srivastava   |                 |              |
| 4.  | Full correspondence address of proponent and mobile no. | Divine Heart Hospital and Research Centre Pvt. Ltd<br>S/o Late Mathura Prasad, Resident<br>H No. 2/24 Vineet Khand, Gomati Nagar Lucknow, U.P.<br>Mobile no. – 9557758074<br>E mail ID - ashokbbk02@gmail.com |                 |              |
| 5.  | Name of Project   | Simple soil excavation (Period 3.0 month) at Gata Nos. 520, 506 Area – 0.444 ha at Village- Palhari, Tehsil – Nawabganj, District - Barabanki, Uttar Pradesh  |                 |              |
| 6.  | Project Location (Plot. Khasra/Gata No.)                | Gata Nos. 520, 506 Area – 0.444 ha at Village- Palhari, Tehsil – Nawabganj, District - Barabanki, Uttar Pradesh   |                 |              |
| 7.  | Name of River   | Simple Soil Excavation (Nearest River- Kalyani River)   |                 |              |
| 8.  | Name of Village   | Village- Palhari  |                 |              |
| 9.  | Tehsil  | Nawabganj   |                 |              |
| 10. | District  | Barabanki   |                 |              |
| 11. | Name of Minor Mineral                                   | Simple soil mining  |                 |              |
| 12. | Sanctioned Lease Area (in Ha.)                          | 0.444 ha  |                 |              |
| 13. | Max. & Min mRL within lease area                        | The highest level is 110.0 mRL<br>The lowest level is 113.0 mRL   |                 |              |
| 14. | Pillar Coordinates (Verified by DMO)                    | Gata No   | Latitude        | Longitude    |
|     |   | 506   | A 26°53'10.27"N | 81°23'4.73"E |
|     |   |   | B 26°53'10.72"N | 81°23'5.21"E |
|     |   |   | C 26°53'9.55"N  | 81°23'6.81"E |
|     |   |   | D 26°53'9.07"N  | 81°23'6.41"E |
|     |   | 520   | A 26°53'13.67"N | 81°23'7.86"E |
|     |   |   | B 26°53'14.63"N | 81°23'8.45"E |
|     |   |   | C 26°53'13.96"N | 81°23'9.72"E |
|     |   |   | D 26°53'13.02"N | 81°23'9.11"E |
| 15. | Total Geological Reserves                               | 9768 m <sup>3</sup>   |                 |              |
| 16. | Total Mineable Reserve                                  | 8724.60 m <sup>3</sup>  |                 |              |
| 17. | Total Proposed Production                               | 2952 m <sup>3</sup> (3.0 Months)  |                 |              |
| 18. | Proposed Production /year                               | 2952 m <sup>3</sup> (3.0 Months)  |                 |              |
| 19. | Sanctioned Period of Mine lease                         | 3.0 Months  |                 |              |
| 20. | Method of Mining  | Semi Mechanized   |                 |              |
| 21. | No. of working days                                     | 90 days   |                 |              |
| 22. | Working hours/day                                       | 8   |                 |              |
| 23. | No. of worker   | 20  |                 |              |
| 24. | No. of vehicles movement/day                            | 4   |                 |              |
| 25. | Type of Land  | Private land./Non Forest Land   |                 |              |
| 26. | Ultimate of Depth of Mining                             | 2.2 m ( For Mining Plan Period )  |                 |              |



|     |   |   |
|-----|---|---|
| 27. | Nearest metalled road from site                                       | 0.15 km   |
| 28. | Water Requirement   | PURPOSE   |
|     |   | Drinking - 0.20 KLD   |
|     |   | Suppression of dust - 1.8 KLD   |
|     |   | Plantation - 0.20 KLD   |
|     |   | Total - 2.20 KLD  |
| 29. | Name of QCI Accredited Consultant with QCI No and period of validity. | Paramarsh Servicing Environment and development NABET/EIA/2124/ RA 0224 Valid till – 01/05/2024 |
| 30. | Any litigation pending against the project or land in any court       | No  |
| 31. | Details of 500 m Cluster Certificate verified by Mining Officer       | Letter No. 917/A.J.A.-II Dated 04/01/2022   |
| 32. | Details of Lease Area in approved DSR                                 | Simple Soil Mining  |
| 33. | Project Cost  | 15.0 Lac/annum  |
| 34. | Proposed CER cost   | 0.75 Lac/annum  |
| 35. | Proposed EMP cost   | 1.65 Lacs   |
| 36. | Length and breadth of Haul Road                                       | Length – 15 m, Breadth – 6.00 m   |
| 37. | No. of Trees to be Planted  | 200   |

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

### **RESOLUTION AGAINST AGENDA NO. 12**

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

**(Prof. Jaswant Singh)**  
Member, SEAC-2

**(Dr. Amrit Lal Halder)**  
Member, SEAC-2

**(Dr. Dineshwar Prasad Singh)**  
Member, SEAC-2

**(Tanzar Ullah Khan)**  
Member, SEAC-2

**(Dr. Shiv Om Singh)**  
Member, SEAC-2

**(Dr. Harikesh Bahadur Singh)**  
Chairman, SEAC-2

### **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**

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

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.

- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.

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

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

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

**Annexure-2**

**General and Specific Conditions for Soil Earth Mining Projects:-**

**General condition:**

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. 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 Environment (Protection) Act, 1986.

**Specific Conditions:**

1. Environment management should be in accordance with the present environment status of the project.
2. The Environmental clearance will be co-terminus with the agreement/lease.
3. Approach kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be leveled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.
16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.

17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.
20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
21. Solid waste material viz gutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
24. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.