

### **Minutes of 336<sup>th</sup> SEAC Meeting Date 03/05/2018**

The 336<sup>th</sup> meeting of SEAC was held in Directorate of Environment, U.P. on 03/05/2018 following members were present in the SEAC:

- |    |                            |          |
|----|----------------------------|----------|
| 1. | Dr. (Prof.) S.N. Singh,    | Chairman |
| 2. | Dr. Sarita Sinha,          | Member   |
| 3. | Dr. Arvind Mathur,         | Member   |
| 4. | Dr. Virendra Mishra,       | Member   |
| 5. | Dr. Richhpal Singh Sangu,  | Member   |
| 6. | Dr. Ranjeet Kumar Dalela,  | Member   |
| 7. | Shri Ramesh Chand Kataria, | Member   |
| 8. | Dr. Ajoy Kumar Mandal,     | Member   |
| 9. | Shri Meraj Uddin,          | Member   |

The Chairman welcomed the members to the 336<sup>th</sup> SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

- 1. Group Housing "Phoenix Manssions" at Khasra No.- 290 (Part), 291 (Part), 294(1/4), 295, 296, 235(Part), 348 (Part), Village- Pasonda, Tehsil- Loni, District- Ghaziabad, M/s AAA Infraheight Pvt. Ltd., File No. 4068/Proposal No. (SIA/UP/ NCP /72745/2018)**

A presentation was made by the project proponent along with their consultant M/s EQMS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Group Housing "Phoenix Manssions" at Khasra No.- 290 (Part), 291 (Part), 294(1/4), 295, 296, 235(Part), 348 (Part), Village- Pasonda, Tehsil- Loni, District- Ghaziabad, M/s AAA Infraheight Pvt. Ltd.
2. Salient features details :

| Description                               | Proposed       |
|---|----------------|
| Plot Area                                 | 8,143.693 sqm  |
| Built-up Area                             | 20,050.624 sqm |
| Green Area (@ 15.01% of Total Plost Area) | 1,222.074 sqm  |
| Total Water Requirement                   | 69 KLD         |
| Fresh Water Requirement                   | 44 KLD         |
| Wastewater Generation                     | 54 KLD         |
| Capacity of STP                           | 65 KLD         |
| Solid Waste Generation                    | 369 kg/day     |

|                             |  |
|-----------------------------|--|
| Parking Required & Provided | 185 ECS & 189 ECS  |
| Power Demand & Source       | 875.02 kVA (by Uttar Pradesh Power Corporation Limited ) |
| Back up                     | 430 kVA (1 x250 kVA + 1 x 180 kVA)                       |
| RWH Pits                    | 2 pits   |

**3. Area statement details :**

| S. No. | Particulars                       | Description  | Area (in m <sup>2</sup> ) | Percentage (%) |
|--------|-----------------------------------|--|---------------------------|----------------|
| 1.     | Plot Area                         |  | 8,143.693                 | 100            |
| 2.     | Permissible Ground Coverage       | (@ 40% of total plot area)   | 3,257.477                 | 40             |
| 3.     | Proposed Ground Coverage          | (@ 29.42% of total plot area)  | 2,396.163                 | 29.42          |
| 4.     | Total Permissible FAR             | 1. Permissible F.A.R as per 1.50<br>12,215.540<br>2. Permissible 5% for Facility of Permissible F.A.R 1.50<br>610.777  | 12,825.11                 |                |
| 5.     | Total Proposed FAR                | 1. Residential FAR Area<br>12,162.074<br>2. Convenient Shops FAR Area<br>47.483  | 12,209.557                |                |
| 6.     | Total Non FAR Area                | 1.Total Stilt Area 2,167.397<br>2. Total Basement Area 4,915.378<br>3. Guard Room Area<br>11.766<br>4. Achieved 5% Facility Area including Community Centre<br>609.570<br>5. Garbage Area<br>21.000<br>KIOSK/Booth Area<br>10.956<br>Misc<br>105.000 | 7830.111                  |                |
| 7.     | Total Built-up Area               |  | 20,050.624                |                |
| 8.     | Proposed Green Area               | @ 15.01% of Total Plot Area  | 1,222.074                 | 15.01          |
| 9.     | Permissible No. of Dwelling Units |  | 161                       |                |
| 10.    | Proposed No. of Dwelling Units    |  | 140                       |                |
| 11.    | Total required no. of EWS units   | @ 10% of Proposed Unit   | 14.00                     |                |
| 12.    | Total required no. of LIG units   | @ 10% of Proposed Unit   | 14.00                     |                |
| 13.    | Height of the highest Building    |  | 41.25 m                   |                |

**4. Built-up area details :**

| S.No. | Particulars  | Area (m <sup>2</sup> ) |
|-------|--|------------------------|
| 1.    | Residential F.A.R                                    | 12,162.074             |
| 2.    | Convenient Shops F.A.R. Area                         | 47.483                 |
| 3.    | Stilt Area   | 2,167.397              |
| 4.    | Basement Area  | 4,915.378              |
| 5.    | Guard Room Area                                      | 11.766                 |
| 6.    | Achieved 5% Facility Area including Community Centre | 609.570                |
| 7.    | Garbage Area   | 21.000                 |

|       |                  |            |
|-------|------------------|------------|
| 8.    | KIOSK/Booth Area | 10.956     |
| 9.    | Misc.            | 105.0      |
| Total |                  | 12,209.557 |

**5. Water requirement details :**

| S. No.                             | Description                   | Total Area (m <sup>2</sup> ) | Total Occupancy | Rate of water demand(lpcd) | Total Water Requirement (KLD) |
|------------------------------------|-------------------------------|------------------------------|-----------------|----------------------------|-------------------------------|
| A.                                 | Domestic Water                |                              |                 |                            |                               |
| (a)                                | Residential Water Requirement |                              |                 |                            |                               |
|                                    | Residents                     |                              | 700             | 86                         | 60.2                          |
|                                    | Maintenance Staff             |                              | 35              | 30                         | 1.05                          |
|                                    | Visitor/Floating              |                              | 70              | 15                         | 1.05                          |
| (b)                                | Convenient shop Staffs        |                              | 16              | 30                         | 0.48                          |
|                                    | Total Domestic Water Demand   |                              |                 |                            | 62.78 Say 63 KLD              |
| B.                                 | Horticulture                  | 1,222.074                    |                 | 3 lt./sqm/day              | 3.66                          |
| C.                                 | DG Sets                       | 430 kVA                      |                 | 0.9 lt/kVA/h               | 2.32                          |
| Total Water Requirement (A + B+C ) |                               |                              |                 |                            | 68.76 say 69 KLD              |

**6. Proposed parking details :**

| Parking            | Parking Area per ECS | Total parking Provided (ECS) |
|--------------------|----------------------|------------------------------|
| Basement           | 32                   | 117                          |
| Stilt              | 28                   | 57                           |
| Open / Surface     | 23                   | 15                           |
| Total Parking Area |                      | 189 ECS                      |

7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

**Resolution against agenda no-01**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:**

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green belt development including the peripheral green belt. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. Use of reflecting paints on the roof top and side walls of the building.

8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 20016.
12. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
13. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
14. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
15. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
16. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
17. Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
18. No parking shall be allowed outside the project boundary.
19. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
20. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
21. For any extraction of ground water, prior permission from CGWB shall be taken.
22. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
23. Disposal of muck during construction phase should 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.
24. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
25. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
26. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored

during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.

27. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
28. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
29. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
30. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
31. Convenient shops, bank, canteen, post office and medicine shops etc to be provided with in complex.
32. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
33. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
34. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
35. All the internal drains are to be covered till the disposal point.
36. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.

**2. Proposed River Bed Sand Mining from Betwa River at Gata No.-01, Village- Serhupur Ahtmal, Tehsil- Beeghapur, District- Unnao, M/s R.C. Builders, Lease Area: 7.312 ha, File No. 4212/Proposal No. (SIA/UP/ MIN /74177/2018)**

A presentation was made by the project proponent along with their consultant M/s Shri Environmental Technology Institute. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed River Bed Sand Mining from Betwa River at Gata No.-01, Village- Serhupur Ahtmal, Tehsil- Beeghapur, District- Unnao, M/s R.C. Builders.
2. Salient features details :

|  |   |
|--|---|
| 1. On-line proposal No.                                    | SIA/UP/MIN/ 74177/2018  |
| 2. File No .allotted by SEIAA,UP                           | 4212  |
| 3. Name of Proponent                                       | M/S R.C. Builders<br>Prop -Ramesh Chandra Yadav S/o Late Gaya Prasad Yadav                  |
| 4. Full correspondence address of proponent and mobile no. | Village-Aurangabad, Khalsa Thana Aasiyana,<br>Tehsil-Sarojini Nagar, Lucknow, Uttar Pradesh |
| 5. Name of Project   | River Bed Sand Mining At River Ganga  |
| 6. Project location (Plot/ Khasra /Gata No.)               | Gata No-1   |
| 7. Name of River   | Ganga River   |
| 8. Name of Village   | Serhupur Ahtmal   |

|   |   |
|---|---|
| 9. Tehsil   | Beeghapur   |
| 10. District  | Unnao   |
| 11. Name of Minor Mineral   | Ordinary Sand   |
| 12. Sanctioned Lease Area (in Ha.)  | 7.312 Ha  |
| 13. Mineable Area (in Ha.)  | 7.124 Ha  |
| 14. Zero level mRL  | 101.0 mRL   |
| 15. Max. & Min mrl within lease area                                      | 104.0 mRL- 102.0 mRL  |
| 16. Pillar Coordinates (Verified by DMO)                                  | 26°12'11.93"N to 26°12'20.83"N<br>80°37'21.06"E to 80°37'33.55"E          |
| 17. Total Geological Reserves   | 2,10,308 m <sup>3</sup>   |
| 18. Total Mineable Reserves in LOI  | 1,08,360 m <sup>3</sup>   |
| 19. Total Proposed Production (in five year)                              | 4,84,925 m <sup>3</sup>   |
| 20. Proposed Production/year  | 96,985 m <sup>3</sup>   |
| 21. Sanctioned Period of Mine lease                                       | 5 Years   |
| 22. Production of mine/day  | 481.6 m <sup>3</sup>  |
| 23. Method of Mining  | Opencast manual/Semi Mechanized   |
| 24. No. of working days   | 225 days  |
| 25. Working hours/day   | 8 Hours/Day   |
| 26. No. Of workers  | 27  |
| 27. No. Of vehicle movement /day  | 85  |
| 28. Type of Land  | Govt. land Non Agriculture  |
| 29. Ultimate Depth of Mining  | 2.0 M   |
| 30. Nearest metalled road from site                                       | Village Chandarpur-Dhanni Khera Metalled road to SH-38                    |
| 31. Water Requirement   | 4.75 KLD  |
| PURPOSE   | REQUIREMENT (KLD)   |
| Drinking  | 1.35  |
| Suppression of dust   | 3.00  |
| Plantation  | 0.40  |
| Others( if any)   | 0.00  |
| Total   | 4.75  |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Shri Environmental Technology Institute<br>Stay Order from High court |
| 33. Any litigation pending against the project or land in any court       | No  |
| 34. Details of 500 m Cluster Map & certificate Verified by Mining Officer | Letter No.594/2018 dated 28/03/2018                                       |
| 35. Details of Lease Area in approved DSR                                 | Page No.-13 S.No.-9   |
| 36. Proposed CSR cost   | 4.80 Lakh   |
| 37. Proposed EMP cost   | 3.89 Lakh   |
| 38. Length and breadth of Haul Road.                                      | Length-3.0 Km, Breadth-6.0 m  |

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).

**Resolution against agenda no-02**

**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 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:**

1. Permission from the competent authority regarding evacuation route should be taken.
2. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
3. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
4. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
5. Provision for cylinder to workers should be made for cooking.
6. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
7. Provide suitable mask to the worker.
8. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
9. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
10. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
11. Provision for two toilets and hand pumps should be made at mining site.
12. Drinking water for workers would be provided by tankers.
13. Mining should be done by Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
14. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
15. Total Project Cost has been submitted as Rs. 96.0 Lakh. A CSR plan with minimum Rs. 4.80 Lakh work to be executed with 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 beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Unnao, U.P.
16. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Unnao, U.P.
17. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of Receipt shall be produced to the Directorate of Environment along with the compliance report.
18. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
19. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place, suitable measure to be taken and details to be provided to concerned Department.
20. Width of the haul road shall be more than 6 meter.
21. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**3. Proposed River Bed Sand/Morrum Mining from Urmil River Bed for M/s Shri Niranjan Singh located at Gata No.-1662, 671, 224, 287, 389, 390, 1845 and 1846 (Khand No.-14), Village- Atrar Maaf, Imiliya and Kaimaha, Tehsil- Sadar, District- Mahoba, , Lease Area: 15 ha, File No. 4244/Proposal No. (SIA/UP/ MIN /74331/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River Bed Sand/Morrum Mining from Urmil River Bed at Gata No.-1662, 671, 224, 287, 389, 390, 1845 and 1846 (Khand No.-14), Village- Atrar Maaf, Imiliya and Kaimaha, Tehsil- Sadar, District- Mahoba, U.P., (Leased Area: 15 ha.), M/s Shri Niranjan Singh.
- 2- Salient features of the project is as follows:

2. Salient features of the project is as follows.

| 1. On-line proposal No.                                    | SIA/UP/MIN/74313/2018  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
|--|--|---------------|--|----------------------|--|--|--------|----------|-----------|---|---------------|--------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|--------------|
| 2. File No. allotted by SEIAA, UP                          | 4244   |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 3. Name of Proponent                                       | Shri Niranjan Singh  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 4. Full correspondence address of proponent and mobile no. | Shri Niranjan Singh<br>Proprietor- Shri Niranjan Singh S/o Shri Bal Beer Singh<br>R/o Subhash Nagar, Near Chandel Petrol Pump, Mahoba, U.P.  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 5. Name of Project   | Morrum Mining  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 6. Project location (Plot/Khasra/Gata No.)                 | Gata No.1662, 671, 224, 287, 389, 390, 1845 and 1846 (Khand No 14)   |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 7. Name of River   | Urmil  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 8. Name of Village   | Atrar Maaf, Imiliya and Kaimaha  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 9. Tehsil  | Sadar  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 10. District   | Mahoba   |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 11. Name of Minor Mineral                                  | Morrum   |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 12. Sanctioned Lease Area (in ha)                          | 15.0 ha  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 13. Mineable Area (in ha)                                  | 11.75 ha   |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 14. Zero level mRL   | 220 mRL  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 15. Max. & Min mrl within lease area                       | 220 mRL and 221 mRL  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 16. Pillar Coordinates (Verified by DMO)                   | <table><tr><th colspan="3">Sanctioned Area (ha)</th></tr><tr><th>Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25° 7'43.87"N</td><td>79°43'3.35"E</td></tr><tr><td>B</td><td>25° 8'22.47"N</td><td>79°44'53.51"E</td></tr><tr><td>C</td><td>25° 8'17.09"N</td><td>79°45'10.52"E</td></tr><tr><td>D</td><td>25° 7'34.78"N</td><td>79°46'20.68"E</td></tr><tr><td>E</td><td>25° 7'33.89"N</td><td>79°46'20.58"E</td></tr><tr><td>F</td><td>25° 8'16.25"N</td><td>79°45'10.27"E</td></tr><tr><td>G</td><td>25° 8'22.01"N</td><td>79°44'53.65"E</td></tr><tr><td>H</td><td>25° 7'43.10"N</td><td>79°43'3.55"E</td></tr></table> |               |  | Sanctioned Area (ha) |  |  | Points | Latitude | Longitude | A | 25° 7'43.87"N | 79°43'3.35"E | B | 25° 8'22.47"N | 79°44'53.51"E | C | 25° 8'17.09"N | 79°45'10.52"E | D | 25° 7'34.78"N | 79°46'20.68"E | E | 25° 7'33.89"N | 79°46'20.58"E | F | 25° 8'16.25"N | 79°45'10.27"E | G | 25° 8'22.01"N | 79°44'53.65"E | H | 25° 7'43.10"N | 79°43'3.55"E |
| Sanctioned Area (ha)                                       |  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| Points   | Latitude   | Longitude     |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| A  | 25° 7'43.87"N  | 79°43'3.35"E  |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| B  | 25° 8'22.47"N  | 79°44'53.51"E |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| C  | 25° 8'17.09"N  | 79°45'10.52"E |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| D  | 25° 7'34.78"N  | 79°46'20.68"E |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| E  | 25° 7'33.89"N  | 79°46'20.58"E |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| F  | 25° 8'16.25"N  | 79°45'10.27"E |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| G  | 25° 8'22.01"N  | 79°44'53.65"E |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| H  | 25° 7'43.10"N  | 79°43'3.55"E  |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 17. Total Geological Reserves                              | 5,25,000 m <sup>3</sup>  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 18. Total Mineable Reserves in LOI                         | 31,500 m <sup>3</sup> /year  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 19. Total Proposed Production                              | 31,500 m <sup>3</sup> /year (1,57,500 m <sup>3</sup> in 05 years)  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 20. Proposed Production/year                               | 31,500 m <sup>3</sup>  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 21. Sanctioned Period of Mine lease                        | 5 years  |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 22. Production of mine/day                                 | 114.5m <sup>3</sup> /day   |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 23. Method of Mining                                       | Opencast manual/ Semi-mechanized   |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |
| 24. No. of working days                                    | 275 days   |               |  |                      |  |  |        |          |           |   |               |              |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |               |   |               |              |



|   |  |                          |
|---|--|--------------------------|
| 25. Working hours/day   | 12 hours   |                          |
| 26. No. Of workers  | Approximately 52 labours   |                          |
| 27. No. Of vehicles movement/day  | 13 units   |                          |
| 28. Type of Land  | Non – Agricultural, Government Waste Land (Revenue land)   |                          |
| 29. Ultimate Depth of Mining  | 3 m  |                          |
| 30. Nearest metalled road from site                                       | NH 86 ( Kanpur -Bhopal) -0.25 km* (East)   |                          |
| 31. Water Requirement   | <b>PURPOSE</b>   | <b>REQUIREMENT (KLD)</b> |
|   | Drinking   | 0.52                     |
|   | Suppression of dust  | 5.4                      |
|   | Plantation   | 0.04                     |
|   | Others (if any)  | -                        |
|   | <b>Total</b>   | <b>5.96 KLD</b>          |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity. | ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020. |                          |
| 33. Any litigation pending against the project or land in any court       | None   |                          |
| 34. Details of 500 m Cluster Map & certificate verified by Mining Officer | Cluster certificate issued by DMO Mahoba Letter No.2842 / M-M-C- Tees- /(2017-18 dated 28/03/2018  |                          |
| 35. Details of Lease Area in approved DSR                                 | Page No 49; Table No.19  |                          |
| 36. Proposed CSR cost   | 5% of total project cost i.e. Rs.7,04,113/-  |                          |
| 37. Proposed EMP cost/ Total Project Cost                                 | Rs 31,25,875/- & 1,40,00,000/-   |                          |
| 38. Length and Width of Haul Road   | 440 m Length and 6 m width   |                          |
| 39. No. of Trees to be Planted  | 75   |                          |

- 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).

**Resolution against agenda no-03**

**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 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:**

1. Permission from the competent authority regarding evacuation route should be taken.
2. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
3. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
4. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
5. Provision for cylinder to workers should be made for cooking.
6. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
7. Provide suitable mask to the worker.
8. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.

9. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
10. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
11. Provision for two toilets and hand pumps should be made at mining site.
12. Drinking water for workers would be provided by tankers.
13. Mining should be done by Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
14. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
15. Total Project Cost has been submitted as Rs. 1,40,82,275/-. A CSR plan with minimum Rs. 7,04,113/- work to be executed with 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 beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Mahoba, U.P.
16. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Mahoba, U.P.
17. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of Receipt shall be produced to the Directorate of Environment along with the compliance report.
18. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
19. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place, suitable measure to be taken and details to be provided to concerned Department.
20. Width of the haul road shall be more than 6 meter.
21. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**4. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Sanevin Infrastructure Pvt. Ltd., located at Khand No.-22/15, Village-Rirua Basaria, Tehsil-Sarila, District- Hamirpur, U.P., Lease Area: 24.291 ha, File No. 4245/Proposal No. (SIA/UP/ MIN /74175/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.-22/15, Village-Rirua Basaria, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area: 24.291 ha.), M/s Sanevin Infrastructure Pvt. Ltd.
- 2- Salient features of the project is as follows:

|  |   |
|--|---|
| 1. On-line proposal No.                                    | SIA/UP/MIN/74175/2018   |
| 2. File No. allotted by SEIAA, UP                          | 4245  |
| 3. Name of Proponent                                       | M/s Sanevin Infrastructure Pvt. Ltd.<br>Proprietor- Shri Ramesh Chandra Mishra  |
| 4. Full correspondence address of proponent and mobile no. | M/s Sanevin Infrastructure Pvt. Ltd.<br>Proprietor- Shri Ramesh Chandra Mishra R/o Branch - 06, Sarojani Naidu Marg, Tehsil - Sadar , District - Lucknow, |

|   |  |                          |                  |
|---|--|--------------------------|------------------|
|   | Uttar Pradesh.   |                          |                  |
| 5. Name of Project  | Sand/Morrum Mining   |                          |                  |
| 6. Project location (Plot/Khasra/Gata No.)                                | Khand No. 22/15  |                          |                  |
| 7. Name of River  | Betwa  |                          |                  |
| 8. Name of Village  | Rirua Basaria  |                          |                  |
| 9. Tehsil   | Sarila   |                          |                  |
| 10. District  | Hamirpur   |                          |                  |
| 11. Name of Minor Mineral   | Sand/Morrum  |                          |                  |
| 12. Sanctioned Lease Area (in ha)   | 24.291 ha  |                          |                  |
| 13. Mineable Area (in ha)   | 16.131 ha  |                          |                  |
| 14. Zero level mRL  | 99 mRL   |                          |                  |
| 15. Max. & Min mrl within lease area                                      | 107 mRL and 99 mRL   |                          |                  |
| 16. Pillar Coordinates (Verified by DMO)                                  | <b>Pillars</b>   | <b>Latitude</b>          | <b>Longitude</b> |
|   | <b>Sanctioned Lease Area</b>   |                          |                  |
|   | A  | 25°55'20.37"N            | 79°40'46.64"E    |
|   | B  | 25°55'37.69"N            | 79°40'59.14"E    |
|   | C  | 25°55'14.53"N            | 79°41'6.11"E     |
|   | D  | 25°55'8.70"N             | 79°40'58.87"E    |
|   | <b>Workable Area</b>   |                          |                  |
|   | A  | 25°55'20.37"N            | 79°40'46.64"E    |
|   | B  | 25°55'37.69"N            | 79°40'59.14"E    |
|   | G  | 25°55'25.96"N            | 79°41'2.65"E     |
|   | H  | 25°55'17.05"N            | 79°40'50.18"E    |
|   | C  | 25°55'14.53"N            | 79°41'6.11"E     |
|   | D  | 25°55'8.70"N             | 79°40'58.87"E    |
|   | E  | 25°55'10.63"N            | 79°40'56.90"E    |
|   | F  | 25°55'17.24"N            | 79°41'5.35"E     |
| 17. Total Geological Reserves   | 12,14,500 m <sup>3</sup>   |                          |                  |
| 18. Total Mineable Reserves in LOI  | 3,88,608 m <sup>3</sup> /year  |                          |                  |
| 19. Total Proposed Production   | 3,88,608 m <sup>3</sup> /annum (19,43,040 m <sup>3</sup> in 05 years)                              |                          |                  |
| 20. Proposed Production/year  | 3,88,608 m <sup>3</sup>  |                          |                  |
| 21. Sanctioned Period of Mine lease                                       | 5 years  |                          |                  |
| 22. Production of mine/day  | 1413 m <sup>3</sup> /day   |                          |                  |
| 23. Method of Mining  | Opencast manual/ Semi-mechanized   |                          |                  |
| 24. No. of working days   | 275 days   |                          |                  |
| 25. Working hours/day   | 12 hours   |                          |                  |
| 26. No. Of workers  | Approximately 52 labours   |                          |                  |
| 27. No. Of vehicles movement/day  | 157 units  |                          |                  |
| 28. Type of Land  | Non – Agricultural, Government Waste Land (Revenue land)   |                          |                  |
| 29. Ultimate Depth of Mining  | 3 m  |                          |                  |
| 30. Nearest metallad road from site                                       | MDR (Kalpi- Dgawa- Ratha Marg)- 2.5 km*(West)  |                          |                  |
| 31. Water Requirement   | <b>PURPOSE</b>   | <b>REQUIREMENT (KLD)</b> |                  |
|   | Drinking   | 0.52                     |                  |
|   | Suppression of dust  | 6.78                     |                  |
|   | Plantation   | 0.03                     |                  |
|   | Others (if any)  | -                        |                  |
|   | <b>Total</b>   | <b>7.33 KLD</b>          |                  |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity. | ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020. |                          |                  |
| 33. Any litigation pending against the project or                         | None   |                          |                  |

|   |  |
|---|--|
| land in any court   |  |
| 34. Details of 500 m Cluster Map & certificate verified by Mining Officer | Cluster certificate issued by DMO Hamirpur Letter No.31 /khanij-M-M-C- Tees- Vividh (2017-18) dated 06/04/2018 |
| 35. Details of Lease Area in approved DSR                                 | Page No 64; Table No.20  |
| 36. Proposed CSR cost   | 5% of total project cost i.e. Rs.7,14,642.5/-  |
| 37. Proposed EMP cost/ Total Project Cost                                 | Rs 33,26,200/- & 1,42,00,000/-   |
| 38. Length and Width of Haul Road   | 1240 m Length and 6 m width  |
| 39. No. of Trees to be Planted  | 121  |

- 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).

**Resolution against agenda no-04**

**The committee discussed the matter and directed the project proponent to submit following information:**

1. Geo coordinates verified by DMO should be submitted.
2. The committee also directed to revise the full presentation and present it before the committee regarding the project in the subsequent meeting.

The matter will be discussed only after submission of information as above in online prescribed portal.

**5. Proposed River Bed Sand/Morrum Mining Project from Burma River for M/s Singh Construction located at Khand No.-08, Gata No.- 394, 395, 477, 478, 492, 404, Village-Koniya Chhatesar, Tehsil- Kulpahar, District- Mahoba, U.P., Sanctioned Lease Area: 10.585 ha, File No. 4246/Proposal No. (SIA/UP/ MIN /73770/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for proposed River Bed Sand/Morrum Mining Project from Burma River at Khand No.-08, Gata No.- 394, 395, 477, 478, 492, 404, Village-Koniya Chhatesar, Tehsil- Kulpahar, District- Mahoba, U.P., (Leased Area: 10.585 ha.), M/s Singh Construction.
- 2- Salient features of the project is as follows:

|  |  |
|--|--|
| 1. On-line proposal No.                                    | SIA/UP/MIN/73770/2018  |
| 2. File No. allotted by SEIAA, UP                          | <b>4246</b>  |
| 3. Name of Proponent                                       | <b>M/s Singh Construction</b><br>Proprietor- Shri Jogendra Singh   |
| 4. Full correspondence address of proponent and mobile no. | <b>M/s Singh Construction</b><br>Proprietor- Shri Jogendra Singh S/o Shri Bal Beer Singh<br>R/o Branch - 06, Sarojani Naidu Marg, Tehsil - Sadar , |

|   |  |                          |                  |
|---|--|--------------------------|------------------|
|   | District - Lucknow, Uttar Pradesh.   |                          |                  |
| 5. Name of Project  | Morrum Mining  |                          |                  |
| 6. Project location (Plot/Khasra/Gata No.)                                | Khand No. 08, Gata No. 394,395,477,478,492,404   |                          |                  |
| 7. Name of River  | Burma  |                          |                  |
| 8. Name of Village  | Koniya Chhatesar   |                          |                  |
| 9. Tehsil   | Kulpahar   |                          |                  |
| 10. District  | Mahoba   |                          |                  |
| 11. Name of Minor Mineral   | Morrum   |                          |                  |
| 12. Sanctioned Lease Area (in ha)   | 10.585 ha  |                          |                  |
| 13. Mineable Area (in ha)   | 10.585 ha  |                          |                  |
| 14. Zero level mRL  | 167 mRL  |                          |                  |
| 15. Max. & Min mrl within lease area                                      | 168 mRL and 167 mRL  |                          |                  |
| 16. Pillar Coordinates (Verified by DMO)                                  | <b>Pillars</b>   | <b>Latitude</b>          | <b>Longitude</b> |
|   | <b>Sanctioned Lease Area</b>   |                          |                  |
|   | <b>A</b>   | 25°24'37.97"N            | 79°30'0.64"E     |
|   | <b>B</b>   | 25°24'37.79"N            | 79°30'2.40"E     |
|   | <b>C1</b>  | 25°24'21.81"N            | 79°30'9.14"E     |
|   | <b>C</b>   | 25°24'0.51"N             | 79°30'14.25"E    |
|   | <b>D</b>   | 25°23'57.43"N            | 79°30'11.06"E    |
|   | <b>D1</b>  | 25°24'22.42"N            | 79°30'4.19"E     |
| 17. Total Geological Reserves   | 3,70,475 m <sup>3</sup>  |                          |                  |
| 18. Total Mineable Reserves in LOI  | 40,500 m <sup>3</sup> /year  |                          |                  |
| 19. Total Proposed Production   | 40,500 m <sup>3</sup> /year (2,025,00 m <sup>3</sup> in 05 years)                                  |                          |                  |
| 20. Proposed Production/year  | 40,500 m <sup>3</sup>  |                          |                  |
| 21. Sanctioned Period of Mine lease                                       | 5 years  |                          |                  |
| 22. Production of mine/day  | 147 m <sup>3</sup> /day  |                          |                  |
| 23. Method of Mining  | Opencast manual/ Semi-mechanized   |                          |                  |
| 24. No. of working days   | 275 days   |                          |                  |
| 25. Working hours/day   | 12 hours   |                          |                  |
| 26. No. Of workers  | Approximately 52 labours   |                          |                  |
| 27. No. Of vehicles movement/day  | 13 units   |                          |                  |
| 28. Type of Land  | Non – Agricultural, Government Waste Land (Revenue land)   |                          |                  |
| 29. Ultimate Depth of Mining  | 3 m  |                          |                  |
| 30. Nearest metalled road from site                                       | NH 76 ( Udaipur – Allahabad) -0.3 km* (N)  |                          |                  |
| 31. Water Requirement   | <b>PURPOSE</b>   | <b>REQUIREMENT (KLD)</b> |                  |
|   | Drinking   | 0.52                     |                  |
|   | Suppression of dust  | 10.08                    |                  |
|   | Plantation   | 0.03                     |                  |
|   | Others (if any)  | -                        |                  |
|   | <b>Total</b>   | <b>11.35 KLD</b>         |                  |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity. | ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020. |                          |                  |
| 33. Any litigation pending against the project or land in any court       | None   |                          |                  |
| 34. Details of 500 m Cluster Map & certificate verified by Mining Officer | Cluster certificate issued by DMO Mahoba Letter No.2835 / M-M-C- 30/2017-18 dated 28/03/2018       |                          |                  |
| 35. Details of Lease Area in approved DSR                                 | Page No 48; Table No.19  |                          |                  |
| 36. Proposed CSR cost   | 5% of total project cost i.e. Rs.6,88,370/-  |                          |                  |
| 37. Proposed EMP cost/ Total Project Cost                                 | Rs 29,65,250/- & 1,37,00,000/-   |                          |                  |

|                                   |                            |
|-----------------------------------|----------------------------|
| 38. Length and Width of Haul Road | 900 m Length and 6 m width |
| 39. No. of Trees to be Planted    | 50                         |

- 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).

**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 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:**

1. Permission from the competent authority regarding evacuation route should be taken.
2. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
3. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
4. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
5. Provision for cylinder to workers should be made for cooking.
6. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
7. Provide suitable mask to the worker.
8. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
9. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
10. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
11. Provision for two toilets and hand pumps should be made at mining site.
12. Drinking water for workers would be provided by tankers.
13. Mining should be done by Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
14. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
15. Total Project Cost has been submitted as Rs. 1,37,00,000/-. A CSR plan with minimum Rs. 6,88,370/- work to be executed with 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 beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Mahoba, U.P.
16. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Mahoba, U.P.
17. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of Receipt shall be produced to the Directorate of Environment along with the compliance report.

18. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
19. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place, suitable measure to be taken and details to be provided to concerned Department.
20. Width of the haul road shall be more than 6 meter.
21. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**6. Chandwari Ghurouli Sand/ Morrum Mine on Betwa River at Khand No.-26/2, Village-Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P.,M/s Sarc Infracon India Ltd., Lease Area: 24.291 ha, File No. 4247/Proposal No. (SIA/UP/ MIN /74655/2018)**

A presentation was made by the project proponent along with their consultant M/s Greencindia Consulting Private Limited NCR. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Chandwari Ghurouli Sand/ Morrum Mine on Betwa River at Khand No.-26/2, Village-Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P.,M/s Sarc Infracon India Ltd.,
2. Salient features details :

|  |   |
|--|---|
| 1. On-line proposal No.                                    | SIA/UP/MIN/74655/2018   |
| 2. File No. allotted by SEIAA, UP                          | 4247  |
| 3. Name of Proponent                                       | <b>M/s. Sarc Infracon India Limited</b><br><b>Authorised Signatory: Charan Singh Yadav</b>          |
| 4. Full correspondence address of proponent and mobile no. | 178 C P Mission Compound,<br>Near H M Memorial School,<br>Jhansi, U.P.- 284003                      |
| 5. Name of Project   | Chandwari Ghurouli sand/morrum mine on Ken river.   |
| 6. Project location (Plot/Khasra/Gata No.)                 | Gata no 26/2, Village - Chandwari Ghurouli, Tehsil- Sarila,<br>District- Hamirpur of Uttar Pradesh. |
| 7. Name of River   | Betwa River   |
| 8. Name of Village   | Chandwari Ghurouli  |
| 9. Tehsil  | Sarila  |
| 10. District   | Hamirpur  |
| 11. Name of Minor Mineral                                  | Sand/Morrum   |
| 12. Sanctioned Lease Area (in Ha.)                         | 24.291 Ha.  |
| 13. Mineable Area (in Ha.)                                 | 17 Ha.  |
| 14. Zero level mRL   | 109 m   |

|   |  |                   |                |
|---|--|-------------------|----------------|
| 15. Max. & Min mrl within lease area                                      | 125-112 m.   |                   |                |
| 16. Pillar Coordinates (Verified by DMO)                                  | Point  | Latitude          | Longitude      |
|   | A  | 25° 47' 24.51''   | 79°26' 08.85'' |
|   | B  | 25° 47' 31.90''   | 79°26' 17.35'' |
|   | C  | 25° 47' 48.31''   | 79°26' 07.50'' |
|   | D  | 25° 47' 38.30''   | 79°26' 53.37'' |
| 17. Total Geological Reserves   | 5,21,124m <sup>3</sup>   |                   |                |
| 18. Total Mineable Reserves in LOI  | 4,85,747m <sup>3</sup>   |                   |                |
| 19. Total Proposed Production   | 2,248,735M3  |                   |                |
| 20. Proposed Production/year  | 4,85,747m <sup>3</sup>   |                   |                |
| 21. Sanctioned Period of Mine lease                                       | 5 Years  |                   |                |
| 22. Production of mine/day  | 1942 m <sup>3</sup> /Day   |                   |                |
| 23. Method of Mining  | Opencast manul/Semi-mechanized mining  |                   |                |
| 24. No. of working days   | 250 days/ Year   |                   |                |
| 25. Working hours/day   | 12 Hours   |                   |                |
| 26. No. Of workers  | 81   |                   |                |
| 27. No. Of vehicles movement/day  | 97   |                   |                |
| 28. Type of Land  | Govt. Land   |                   |                |
| 29. Ultimate Depth of Mining  | 2.86 m   |                   |                |
| 30. Nearest metalled road from site                                       | 1000 m   |                   |                |
| 31. Water Requirement   | PURPOSE  | REQUIREMENT (KLD) |                |
|   | Drinking   | 0.81              |                |
|   | Suppression of dust  | 4.80              |                |
|   | Plantation   | 7.34              |                |
|   | Others (if any)  | 0.00              |                |
|   | Total  | 12.95             |                |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity. | GreencIndia Consulting Pvt Ltd.<br>NABET/EIA/1619/RA0058 valid till 27/10/2019 |                   |                |
| 33. Any litigation pending against the project or land in any court       | No   |                   |                |
| 34. Details of 500 m Cluster Map & certificate verified by Mining Officer | 09/ Khanij-M.M.C-TES-BIBIDH(2018-19), Dated: 04 <sup>th</sup> April, 2018.     |                   |                |
| 35. Details of Lease Area in approved DSR                                 | 24.291 Hectares  |                   |                |
| 36. Length and breadth of Haul Road                                       | Length 100 m, Width 6.0 m  |                   |                |

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).

**Resolution against agenda no-06**

The committee discussed the matter and observed that there is discrepancy in the presentation and form-1. The committee defer the project and directed the project proponent/consultant to present it again after making suitable correction.

The matter will be discussed only after submission of information as above in online prescribed portal.

**7. Proposed Group Housing Project "THE HEDGES" at Plot No.-P8, TS-02A, Sector-22D, Yamuna Expressway, Greater Noida, Tehsil & District- Gautam Budha Nagar, U.P., M/s ATS Relity Pvt. File No. 3744/4217/Proposal No. (SIA/UP/ NCP /18475/2018)**

A presentation was made by the project proponent along with their consultant M/s JM Environet Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Proposed Group Housing Project "THE HEDGES" at Plot No.-P8, TS-02A, Sector-22D, Yamuna Expressway, Greater Noida, Tehsil & District- Gautam Budha Nagar, U.P., M/s ATS Reality Pvt.
2. Salient feature details :

|                      |  |                 |                 |                     |
|----------------------|--|-----------------|-----------------|---------------------|
| Project Name         | Proposed Group Housing Project “The Hedges”  |                 |                 |                     |
| Location             | At Plot No. –P 8, TS-02 A, Sector-22 D, Yamuna Expressway, Greater Noida, District: Gautam Budh Nagar, (U.P.)          |                 |                 |                     |
| Type of project      | Group Housing Project  |                 |                 |                     |
| Total Project area   | 32201.900 sq. m. (7.95 Acres)  |                 |                 |                     |
| Built up             | 162606.882 sq. m. (F.A.R- 95,860.275 sq. m + Area Under Services – 11597.813 sq. m. + Basement Area- 55148.794 sq. m.) |                 |                 |                     |
| Ground coverage      | Permissible: 11,270.665 sq. m (35 % of plot area)<br>Proposed: 7,409.186 sq. m (21.536% of plot area)                  |                 |                 |                     |
| F.A.R Permissible    | Permissible: 96,605.700 sq. m.   |                 |                 |                     |
| F.A.R Proposed       | Proposed: 95,860.275 sq. m.  |                 |                 |                     |
| Maximum height       | 80.00 Mtr.   |                 |                 |                     |
| Number of Towers     | 8 Tower  |                 |                 |                     |
| Number of floors     | 2 Basement + Ground + Upper 21 Floor   |                 |                 |                     |
| Basement Area detail | Particular   | Parking Area    | Service Area    | Total Area in sq. m |
|                      | Lower Basement   | 18343.150 sq.m. | 9231.247 sq.m.  | 27574.397 sq.m.     |
|                      | Upper Basement   | 19697.067 sq.m. | 7877.330 sq.m.  | 27574.397 sq.m.     |
|                      | Total Basement   | 38040.217 sq.m. | 17108.577 sq.m. | 55148.794 sq.m.     |
| Parking              | Required Parking- F.A.R/80   |                 |                 |                     |

|   | <p>= 95860.275/80<br/>= 1198.25 say 1198 ECS<br/>Total Required Parking =1198 ECS<br/>Proposed Parking-</p> <table><tr><th>Particular</th><th>Area for ECS Parking</th><th>Area for Car Parking</th><th>No. of Parking Provided</th></tr><tr><td>Open Parking (@ 20 m<sup>2</sup>/ECS)</td><td>4800.000 sq.m.</td><td>3000.00 sq.m.</td><td>240 ECS</td></tr><tr><td>Lower Basement (@ 30 m<sup>2</sup>/ECS)</td><td>18343.150 sq.m.</td><td>7637.50 sq.m.</td><td>611 ECS</td></tr><tr><td>Upper Basement (@ 30 m<sup>2</sup>/ECS)</td><td>19697.067 sq.m.</td><td>8212.50 sq.m</td><td>657 ECS</td></tr><tr><td colspan="3">Total</td><td>1508 ECS</td></tr></table>  | Particular           | Area for ECS Parking    | Area for Car Parking | No. of Parking Provided | Open Parking (@ 20 m <sup>2</sup> /ECS) | 4800.000 sq.m. | 3000.00 sq.m. | 240 ECS | Lower Basement (@ 30 m <sup>2</sup> /ECS) | 18343.150 sq.m. | 7637.50 sq.m. | 611 ECS | Upper Basement (@ 30 m <sup>2</sup> /ECS) | 19697.067 sq.m. | 8212.50 sq.m | 657 ECS | Total |  |  | 1508 ECS |
|---|---|----------------------|-------------------------|----------------------|-------------------------|---|----------------|---------------|---------|---|-----------------|---------------|---------|---|-----------------|--------------|---------|-------|--|--|----------|
| Particular                                | Area for ECS Parking  | Area for Car Parking | No. of Parking Provided |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Open Parking (@ 20 m <sup>2</sup> /ECS)   | 4800.000 sq.m.  | 3000.00 sq.m.        | 240 ECS                 |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Lower Basement (@ 30 m <sup>2</sup> /ECS) | 18343.150 sq.m.   | 7637.50 sq.m.        | 611 ECS                 |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Upper Basement (@ 30 m <sup>2</sup> /ECS) | 19697.067 sq.m.   | 8212.50 sq.m         | 657 ECS                 |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Total                                     |   |                      | 1508 ECS                |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Power requirement & source                | Power requirement : 3249.5 KW, Source: State Electricity Board  |                      |                         |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Power backup                              | DG Sets of total capacity – 3030 KVA (3x1010 KVA DG Sets)   |                      |                         |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Water requirement & source                | Water requirement will be 723 KLD<br>Fresh Water : 447 KLD<br>Recycled Treated Water: 276 KLD   |                      |                         |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Sewage treatment & disposal               | Sewage treatment facility: STP of 600 KLD capacity<br>235 KLD Excess Treated Water will be discharged to Central Green for 100 Acre.  |                      |                         |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Estimated population                      | Total population: 5187 Persons<br>Fixed population: 4653 Persons<br>Floating population: 534 Persons  |                      |                         |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |
| Waste generation                          | <p>SOLID WASTE GENERATION: - 2227.35 kg/day</p> <p>(i) From Residential population: 4653 X @450 gm /person/day = 2093.85 kg/day</p> <p>(ii) From Floating population: 534 X @250 gm /person/day = 133.5 kg/day</p> <p>BIODEGRADABLE &amp; NON BIO DEGRADABLE WASTE:</p> <p>(i) Biodegradable Waste generation: 2227.35 (Total Solid waste) X 60% = 1336.41 kg/day</p> <p>(ii) Non -Biodegradable Waste generation: 2227.35 (Total Solid waste) X 40% = 890.94 kg/day</p> <p>(A) Dry Waste generation: - 1243.35 kg/day</p> <p>From Residential population: 4653 X @250 gm /person/day =1163.25 kg/day</p> <p>From Floating population: 534 X @150 gm /person/day = 80.10 kg/day</p> <p>(B) Wet Waste generation: - 984.00 kg/day</p> <p>From Residential population: 4653 X @ 200 gm /person/day =930.60 kg/day</p> <p>From Floating population: 534 X @100 gm /person/day = 53.40 kg/day</p> <p>E-WASTE:</p> <p>E-waste will be generated 0.15 MT/annum after 5 Years, shall be sold to authorized</p> |                      |                         |                      |                         |   |                |               |         |   |                 |               |         |   |                 |              |         |       |  |  |          |

|              |  |
|--------------|--|
|              | Vendors.   |
| Green Area   | Green Area Provided – 12644.284 m2 (39.26 % of total plot area)                  |
| Connectivity | The project site is well connected to other parts of City through service roads. |
| Project Cost | 221 Cr.  |

**3. Water requirement details:**

| S. No. | Particulars             | Expected Population               | Base of Calculation (lpcd) | Fresh Water (KLD)        |              | Recycled Treated Water (KLD)    |              | Total Water Consumption (KLD) |
|--------|-------------------------|-----------------------------------|----------------------------|--------------------------|--------------|---------------------------------|--------------|-------------------------------|
|        |                         |                                   |                            | Domestic                 | Others       | Flushing                        | Others       |                               |
| 1.     | Dwelling Units (1034DU) | 4653 @ 4.5 persons/DU             | 135                        | 418.77                   | -            | 209.38                          | -            | 628.15                        |
| 2.     | Visitors                | 465 @ 10% of the total population | 45                         | 6.97                     | -            | 13.95                           | -            | 20.92                         |
| 3.     | Community Centre        | 69 Person                         | 45                         | 1.03                     | -            | 2.07                            | -            | 3.10                          |
| 4.     | Green Belt              | -                                 | -                          | -                        | -            | -                               | 40.00        | 40.00                         |
| 5.     | Road & Car Washing      | -                                 | -                          | -                        | -            | -                               | 10.00        | 10.00                         |
| 6.     | Swimming Pool           | -                                 | -                          | -                        | 20.00        | -                               | -            | 20.00                         |
| Total  |                         | 5187 Persons                      |                            | 426.77<br>say<br>427 KLD | 20.00<br>KLD | 225.40<br>KLD say<br>226<br>KLD | 50.00<br>KLD | 723.00 KLD                    |
|        |                         |                                   |                            | 447 KLD                  |              | 276 KLD                         |              |                               |

**4. Proposed parking details :**

| Particular                   | Area for ECS Parking | Area for Car Parking | No. of Parking Provided |
|------------------------------|----------------------|----------------------|-------------------------|
| Open Parking (@ 20 m2/ECS)   | 4800.000 sq.m.       | 3000.00 sq.m.        | 240 ECS                 |
| Lower Basement (@ 30 m2/ECS) | 18343.150 sq.m.      | 7637.50 sq.m.        | 611 ECS                 |
| Upper Basement (@ 30 m2/ECS) | 19697.067 sq.m.      | 8212.50 sq.m.        | 657 ECS                 |
| Total                        |                      |                      | 1508                    |

5. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

**Resolution against agenda no-07**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:**

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green belt development including the peripheral green belt. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.

6. Use of reflecting paints on the roof top and side walls of the buildings exposed to sunlight.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 20016.
12. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
13. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
14. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
15. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
16. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
17. Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
18. No parking shall be allowed outside the project boundary.
19. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
20. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
21. For any extraction of ground water, prior permission from CGWB shall be taken.
22. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
23. Disposal of muck during construction phase should 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.

24. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
25. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
26. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
27. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
28. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
29. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
30. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
31. Convenient shops, bank, canteen, post office and medicine shops etc to be provided with in complex.
32. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
33. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
34. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
35. All the internal drains are to be covered till the disposal point.
36. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.

**8. Julgul Lime stone Mine Production Capacity 2.80 MTPA of ML Area- 17.155 ha at Village- Billi Markundi (Julgul), Tehsil- Robertsganj, District- Sonebhadra, U.P., M/s Ultra Tech Cement Ltd., File No. 02/Proposal No. (SIA/UP/ MIN /21982/2008)**

A presentation was made by project proponent along with their consultant M/s JM Enviro Net Pvt. Ltd. The committee was given to understand that environment clearance regarding the lime stone mine (17.155 Ha) at Billi Markundi (Julgul) M/s Jayprakash Associate Ltd. located in Village-Billi Markundi, District-Sonebhadra, U.P. has been issued vide letter no. 458/02, dated 20/03/2008 for which an application dated 02/04/2018 has been made by Dr. K.V. Reddy (Sr. V.P. & Corporate Head, Environment) M/s Ultratech Cement Ltd. to transfer the environment clearance letter from M/s JAL/JCCL to Ultratech Cement Ltd.

The matter was scrutinized at committee and observed that Environmental clearance has been granted as per the project proponent proposal and it was found that the Environmental

Clearance was issued vide letter no- 458/2 dated 23/03/2008 wherein the contents are as mentioned by the project proponent/consultant are of so. The committee discussed the matter and recommended to replace the contents as per the request of the project proponent also imposing the condition of Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be prepared and approved by Board of Directors of the company of “M/s Ultratech Cement Ltd.”. A copy of resolution as above shall be submitted to the authority within one month from the date of issuance of the letter. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.

Rest all the contents mentioned in Environmental Clearance letter shall remain unchanged.

**9. 1.0 MTPA Cement Grinding Unit located at Plot N0. 19 & 20, UPSIDC Area, Village & Tehsil- -Sikandrabad, District- Bulandshahar. M/s Jaiprakash Enterprises Ltd, File No. 211/Proposal No. (SIA/UP/ IND2 /21980/2009)**

A presentation was made by project proponent along with their consultant M/s JM Enviro Net Pvt. Ltd. The committee was given to understand that environment clearance regarding the 1.0 MTPA cement grinding unit located at plot no. 19 & 20 UPSIDC Area, Sikandarabad, Bulandshahar, U.P. M/s Jayprakash Associate Ltd. has been issued vide letter no. 1572/SEAC/211/2008/AD(H), dated 07/10/2009 for which an application dated 02/04/2018 has been made by Dr. K.V. Reddy (Sr. V.P. & Corporate Head, Environment) M/s Ultratech Cement Ltd. to transfer the environment clearance letter from M/s JAL/JCCL to Ultratech Cement Ltd.

The matter was scrutinized at committee and observed that Environmental clearance has been granted as per the project proponent proposal and it was found that the Environmental Clearance was issued vide letter no- 1572/SEAC/211/2008/AD(H), dated 07/10/2009 wherein the contents are as mentioned by the project proponent/consultant are of so. The committee discussed the matter and recommended to replace the contents as per the request of the project proponent also imposing the condition of Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be prepared and approved by Board of Directors of the company of “M/s Ultratech Cement Ltd.”. A copy of resolution as above shall be submitted to the authority within one month from the date of issuance of the letter. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.

Rest all the contents mentioned in Environmental Clearance letter shall remain unchanged.

**10. Proposed Project "Gomti River Front Channelization Project from Harding Bridge to Gomti Weir, District- Lucknow, U.P, File No. 4206/Proposal No. (SIA/UP/ NCP /23723/2018)**

**Resolution against agenda no-10**

The project proponent 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.

The matter will be discussed only after submission of online request on prescribed portal.

**11. Development of Inter Modal Station, Tehsil & District- Varanasi, U.P. Shri S.B. Singh, Director, M/s National Highway Authority Of India (NHAI), File No. 4226/Proposal No. (SIA/UP/ NCP /25125/2018)**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Development of Inter Modal Station, Tehsil & District- Varanasi, U.P. Shri S.B. Singh, Director, M/s National Highway Authority of India (NHAI) U.P.
2. Area details of the project :

| Sl                   | Item  | Acres | m <sup>2</sup> |
|----------------------|---|-------|----------------|
| 1                    | Land required for full facility IMS (Typical benchmark)                                     | 30+   | 1,21,410+      |
| <b>Plot 1 Area</b>   |   |       |                |
| 2                    | Kashi Station area (Plot 1)   | 30.76 | 1,24,481       |
| 3                    | Total area of land to be excluded due to presence of structures (ASI, mosque and Graveyard) | 5.34  | 21,610         |
| 4                    | Plot 1 area available for IMS development (2-3)   | 25.42 | 1,02,871       |
| <b>Plot 2 Area</b>   |   |       |                |
| 5                    | Total plot 2 area (with Railways and State Govt.)   | 4.39  | 17,766         |
| 6                    | Plot 2 area considered for IMS development  | 2.65  | 10,724         |
| 7                    | Plot 2 area considered for city side road development (5-6)                                 | 1.74  | 7,042          |
| <b>Extended Land</b> |   |       |                |
| 8                    | Extended land at Sarva Sewa Sangh   | 5.9   | 23,876         |
| 9                    | Area at Sarva Sewa Sangh to be excluded due to presence of ASI                              | 0.19  | 769            |
| 10                   | Sarva Sewa Sangh land available for IMS development (9-10)                                  | 5.71  | 23,108         |
| 11                   | Extended additional land available from Old NH  | 1.3   | 5,261          |
| 12                   | Area of old NH to be excluded due to presence of ASI  | 0.15  | 607            |
| 13                   | Old NH area available for IMS development (11-12)   | 1.15  | 4,654          |
| <b>Total Area</b>    |   |       |                |
| 14                   | IMS core area (2+6+8+11)  | 40.61 | 1,64,343       |
| 15                   | IMS core area for structures development (4+6+10+13)  | 34.93 | 1,41,357       |
| 16                   | Peripheral highway for rerouting of GT road at North side                                   | 4.91  | 19,870         |
| 17                   | IMS area considering core area and surrounding highways (14+16+7)                           | 47.26 | 1,91,255       |
| 18                   | Approx. land for extension of platform outside IMS core area                                | 12.3  | 49,776         |
| 19                   | IMS core area + Highway area + Railway platform extension area                              | 59.56 | 2,41,031       |

**3. Salient feature details:**

| Description | Area (m <sup>2</sup> ) |
|-------------|------------------------|
|-------------|------------------------|

|   |                       |
|---|-----------------------|
| Total IMS core area   | 1,64,343              |
| Total project area (IMS core area + Highway area+ Railway platform extension) | 2,41,031              |
| Total built-up area   | 4,18,350              |
| Total FSI area  | 3,10,388              |
| Overall FSI achieved (as per IMS core area)                                   | 1.28                  |
| Proposed Green Area   | 43,723 m <sup>2</sup> |
| Municipal Solid Waste Generated   | 4.47 tpd              |
| Hazardous Waste generation  | 14.9 l/day            |
| Expected Total Water Requirement  | 2.01 mld              |
| Expected Waste water generation   | 1.68 mld              |
| Proposed STP Capacity   | 1.68 mld              |
| Maximum power demand  | 17.34 MVA             |
| Power Backup  | 10,150 KVA            |

4. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

**Resolution against agenda no- 11**

**The committee discussed the matter and recommended following TORs and general guidelines for conducting EIA studies regarding the proposals:**

**Additional TORs :**

1. Submit NOC from the forest department regarding turtle sanctuary.
2. NOC from Archeological Survey of India.
3. Impact of the project on the river hydrology.
4. Change of natural damage pattern of the river.
5. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
6. Allotment letter from concerned development authority.
7. All approved drawings/maps alongwith approved services plans.
8. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
9. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
10. Physical features within 30 m of the project sites with their ownership.
11. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
12. Use of reflecting paints on roof top and side walls.
13. Details of rain water harvesting are to be given.
14. Provision of 100% solar lighting along the road site, stair cases, common places.
15. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
16. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and



utilization of rainwater.

17. Water requirement and its management plan along with necessary permissions for discharge.
18. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
19. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
20. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
21. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
22. Landscape plan, green belts and open spaces may be described separately.
23. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
24. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
25. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
26. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
27. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
28. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
29. Identification of recyclable wastes and waste utilization arrangements may be made.
30. Explore possibility of generating biogas from biodegradable wastes.
31. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
32. Provisions made for safety in storage of materials, products and wastes may be described.
33. Disaster management plan should be prepared.
34. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
35. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
36. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.

37. Provide service road for entry and exit to project site.
38. Use of local building materials should be described.
39. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
40. Work out MGLC for the combined capacity of DG sets.
41. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
42. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
43. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
44. Corporate Social Responsibility (CSR) plan along with budgetary provision amounting to 2% of project cost shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
45. Required no of trees should be proposed @ 01 tree/80 m<sup>2</sup>, submit plan.
46. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
47. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
48. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

**General Guidelines:**

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
  - I. “There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent.”
  - II. “No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
  - III. “I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to

- be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost.”
- IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating “(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct”, as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
  - c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
  - d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
  - e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
  - f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
  - g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
  - h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

**12. Proposed Group Housing Project "KW Srishti" at Khasra No.- 1125/1, 1125/2 & 1125/3, Village- Noor Nagar, Pargana- Loni, Raj Nagar Extension, District- Ghaziabad, U.P., M/s Dingle Buildcons Pvt. Ltd, File No. 4218/Proposal No. (SIA/UP/ NCP /23663/2018)**

**Resolution against agenda no-12**

The project proponent 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.

The matter will be discussed only after submission of online request on prescribed portal.

**13. Proposed River Bed Sand/Morrum Mining Project from Ken River for for M/s Gyan Infrabuild Pvt. Ltd., located at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 ha, File No. 4233/Proposal No. (SIA/UP/MIN /24938/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Gyan Infrabuild Pvt. Ltd.
- 2- Salient features of the project is as follows:

|  |  |                 |                  |
|--|--|-----------------|------------------|
| 1. On-line proposal No.                                    | SIA/UP/MIN/24938/2018  |                 |                  |
| 2. File No. allotted by SEIAA, UP                          | <b>4233</b>  |                 |                  |
| 3. Name of Proponent                                       | <b>M/s Gyan Infrabuild Pvt. Ltd.</b><br>Proprietor- Shri Satyendra Kumar Sharma  |                 |                  |
| 4. Full correspondence address of proponent and mobile no. | <b>M/s Gyan Infrabuild Pvt. Ltd.</b><br>Proprietor- Shri Satyendra Kumar Sharma S/o Shri Bachchu Sharma R/o Village - Awaleshpur Kandwa, District - Varanasi, U.P. |                 |                  |
| 5. Name of Project   | Sand/Morrum Mining   |                 |                  |
| 6. Project location (Plot/Khasra/Gata No.)                 | Khand No.30/3  |                 |                  |
| 7. Name of River   | Ken  |                 |                  |
| 8. Name of Village   | Bhulsi   |                 |                  |
| 9. Tehsil  | Maudaha  |                 |                  |
| 10. District   | Hamirpur   |                 |                  |
| 11. Name of Minor Mineral                                  | Sand/Morrum  |                 |                  |
| 12. Sanctioned Lease Area (in ha)                          | 36.437 ha  |                 |                  |
| 13. Mineable Area (in ha)                                  | 34.437 ha  |                 |                  |
| 14. Zero level mRL   | 87 mRL   |                 |                  |
| 15. Max. & Min mrl within lease area                       | 102 mRL and 87 mRL   |                 |                  |
| 16. Pillar Coordinates (Verified by DMO)                   | <b>Pillars</b>   | <b>Latitude</b> | <b>Longitude</b> |
|  | <b>Sanctioned Lease Area</b>   |                 |                  |
|  | A  | 25°39'6.19"N    | 80°18'56.21"E    |
|  | B  | 25°39'2.90"N    | 80°19'4.04"E     |
|  | C  | 25°39'55.25"N   | 80°19'0.04"E     |
|  | D  | 25°39'54.49"N   | 80°18'49.85"E    |
|  | <b>Workable Area</b>   |                 |                  |
|  | A  | 25°39'6.19"N    | 80°18'56.21"E    |
|  | D  | 25°39'54.49"N   | 80°18'49.85"E    |
|  | E  | 25°39'55.08"N   | 80°18'57.43"E    |
|  | F  | 25°39'47.46"N   | 80°19'2.24"E     |
|  | G  | 25°39'40.70"N   | 80°19'3.88"E     |
|  | H  | 25°39'36.00"N   | 80°19'2.62"E     |
|  | I  | 25°39'36.05"N   | 80°19'4.91"E     |
|  | B  | 25°39'2.90"N    | 80°19'4.04"E     |
| 17. Total Geological Reserves                              | 18,21,850 m <sup>3</sup>   |                 |                  |

|   |  |                          |
|---|--|--------------------------|
| 18. Total Mineable Reserves in LOI  | 5,82,912 m <sup>3</sup> /year  |                          |
| 19. Total Proposed Production as per Form-1, PFR,Mine Plan and presentation at SEAC | 5,82,912 m <sup>3</sup> /year (29,14,560 m <sup>3</sup> in 05 years)                               |                          |
| 20. Proposed Production/year  | 5,82,912 m <sup>3</sup>  |                          |
| 21. Sanctioned Period of Mine lease   | 5 years  |                          |
| 22. Production of mine/day  | 2119.68 m <sup>3</sup> /day  |                          |
| 23. Method of Mining  | Opencast manual/ Semi-mechanized   |                          |
| 24. No. of working days   | 275 days   |                          |
| 25. Working hours/day   | 12 hours   |                          |
| 26. No. Of workers  | Approximately 52 labours   |                          |
| 27. No. Of vehicles movement/day  | 235 units  |                          |
| 28. Type of Land  | Government Waste Land (Revenue land)   |                          |
| 29. Ultimate Depth of Mining  | 3 m  |                          |
| 30. Nearest metalled road from site   | MDR (Sumerpur-Banda) : 6.5 km*(W)  |                          |
| 31. Water Requirement   | <b>PURPOSE</b>   | <b>REQUIREMENT (KLD)</b> |
|   | Drinking   | 0.52                     |
|   | Suppression of dust  | 12.0                     |
|   | Plantation   | 0.09                     |
|   | Others (if any)  | -                        |
|   | <b>Total</b>   | <b>12.61 KLD</b>         |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity.           | ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020. |                          |
| 33. Any litigation pending against the project or land in any court                 | None   |                          |
| 34. Details of 500 m Cluster Map & certificate verified by Mining Officer           | Project comes under B1 category, cluster Certificate is not required.                              |                          |
| 35. Details of Lease Area in approved DSR   | Page No 63; Table No. 20   |                          |
| 36. Proposed CSR cost   | 5% of total project cost i.e. Rs7,17,997/-   |                          |
| 37. Proposed EMP cost & Total Project Cost  | Rs. 35,97,690/- & Rs. 1,43,00,000/-  |                          |
| 38. Length and Width of Haul Road   | 1870 m Length and 6 m width  |                          |
| 39. No. of Trees to be Planted  | 182  |                          |

- 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).

**Resolution against agenda no-13**

**The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**

**14. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Silver Mist Retail Pvt. Ltd. located at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 ha, File No. 4234/Proposal No. (SIA/UP/ MIN /25040/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Silver Mist Retail Pvt. Ltd.
- 2- Salient features of the project is as follows:

|  |   |                 |                  |
|--|---|-----------------|------------------|
| 1. On-line proposal No.                                    | SIA/UP/MIN/25040/2018   |                 |                  |
| 2. File No. allotted by SEIAA, UP                          | <b>4234</b>   |                 |                  |
| 3. Name of Proponent                                       | <b>M/s Silvrr Mist Retail Pvt. Ltd.</b><br>Proprietor- Shri Prashant Malviya  |                 |                  |
| 4. Full correspondence address of proponent and mobile no. | <b>M/s Silvrr Mist Retail Pvt. Ltd.</b><br>Proprietor- Shri Prashant Malviya S/o Shri Santosh Malviya<br>R/o H.No. Ward No.10, Sardar ward, Village - Sohagpur,<br>Tehsil - Hosangabad, District - Hosangabad, Madhya Pradesh |                 |                  |
| 5. Name of Project   | Sand/Morrum Mining  |                 |                  |
| 6. Project location (Plot/Khasra/Gata No.)                 | Khand No.30/1   |                 |                  |
| 7. Name of River   | Ken   |                 |                  |
| 8. Name of Village   | Bhulsi  |                 |                  |
| 9. Tehsil  | Maudaha   |                 |                  |
| 10. District   | Hamirpur  |                 |                  |
| 11. Name of Minor Mineral                                  | Sand/Morrum   |                 |                  |
| 12. Sanctioned Lease Area (in ha)                          | 36.437 ha   |                 |                  |
| 13. Mineable Area (in ha)                                  | 32.827 ha   |                 |                  |
| 14. Zero level mRL   | 88 mRL  |                 |                  |
| 15. Max. & Min mrl within lease area                       | 99 mRL and 88 mRL   |                 |                  |
| 16. Pillar Coordinates (Verified by DMO)                   | <b>Pillars</b>  | <b>Latitude</b> | <b>Longitude</b> |
|  | <b>Sanctioned Lease Area</b>  |                 |                  |
|  | A   | 25°38'4.83"N    | 80°17'45.70"E    |
|  | B   | 25°37'57.16"N   | 80°17'50.29"E    |
|  | C   | 25°38'18.54"N   | 80°18'28.54"E    |
|  | D   | 25°38'24.83"N   | 80°18'23.41"E    |
|  | <b>Workable Area</b>  |                 |                  |
|  | A   | 25°38'4.83"N    | 80°17'45.70"E    |
|  | D   | 25°38'24.83"N   | 80°18'23.41"E    |
|  | E   | 25°38'19.27"N   | 80°18'27.92"E    |
|  | F   | 25°38'7.42"N    | 80°18'12.98"E    |
|  | G   | 25°38'0.89"N    | 80°17'58.06"E    |
|  | H   | 25°38'2.47"N    | 80°17'47.15"E    |
| 17. Total Geological Reserves                              | 18,21,850 m <sup>3</sup>  |                 |                  |
| 18. Total Mineable Reserves in LOI                         | 5,82,912 m <sup>3</sup> /year   |                 |                  |
| 19. Total Proposed Production as per Form-1,               | 5,82,912 m <sup>3</sup> /year (29,14,560 m <sup>3</sup> in 05 years)  |                 |                  |

|   |   |                          |
|---|---|--------------------------|
| PFR,Mine Plan and presentation at SEAC                                    |   |                          |
| 20. Proposed Production/year  | 5,82,912 m <sup>3</sup>   |                          |
| 21. Sanctioned Period of Mine lease                                       | 5 years   |                          |
| 22. Production of mine/day  | 2119.68 m <sup>3</sup> /day   |                          |
| 23. Method of Mining  | Opencast manual/ Semi-mechanized  |                          |
| 24. No. of working days   | 275 days  |                          |
| 25. Working hours/day   | 12 hours  |                          |
| 26. No. Of workers  | Approximately 52 labours  |                          |
| 27. No. Of vehicles movement/day  | 235 units   |                          |
| 28. Type of Land  | Government Waste Land (Revenue land)  |                          |
| 29. Ultimate Depth of Mining  | 3 m   |                          |
| 30. Nearest metalled road from site                                       | MDR (Sumerpur-Banda) : 6.5 km*(W)   |                          |
| 31. Water Requirement   | <b>PURPOSE</b>  | <b>REQUIREMENT (KLD)</b> |
|   | Drinking  | 0.52                     |
|   | Suppression of dust   | 9.0                      |
|   | Plantation  | 0.09                     |
|   | Others (if any)   | -                        |
|   | <b>Total</b>  | <b>9.61 KLD</b>          |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity. | ENV Development Assistance Systems (I) Pvt. Ltd.<br>NABET/EIA/1720/RA 0078 and Valid till 02/04/2020. |                          |
| 33. Any litigation pending against the project or land in any court       | None  |                          |
| 34. Details of 500 m Cluster Map & certificate verified by Mining Officer | Project comes under B1 category, cluster Certificate is not required.                                 |                          |
| 35. Details of Lease Area in approved DSR                                 | Page No 63; Table No. 20  |                          |
| 36. Proposed CSR cost   | 5% of total project cost i.e. Rs7,17,997/-  |                          |
| 37. Proposed EMP cost & Total Project Cost                                | Rs. 35,97,690/- & Rs. 1,43,00,000/-   |                          |
| 38. Length and Width of Haul Road   | 1870 m Length and 6 m width   |                          |
| 39. No. of Trees to be Planted  | 182   |                          |

- 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).

**Resolution against agenda no-14**

**The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**

**15. Gadhiwa Majhigawan Sand/Morrum Mining Project at Khasra No.- 177, 178 Mi, 176, 160, 159 A, 162, 161, 158, 157 Mi, 156, 155, 163 Mi, 154, 148, 146, 147, 145, 144, 143, 138, 142, 141, 139 Mi, 140 Mi, 129., Village- Gadhiwa Majhigawan, Tehsil- Khaga, District- Fatehpur, U.P., Shri Daljeet Singh Lease Area: 34.00 ha, File No. 4235/Proposal No. (SIA/UP/ MIN /25595/2018)**

**Resolution against agenda no-15**

A presentation was made by the project proponent along with their consultant. The committee discussed the matter and directed the project proponent to submit following information:

1. Geo coordinates verified by DMO should be submitted.
2. Submit cluster certificate.
3. The committee also directed to revise the full presentation accordingly and present it before the committee regarding the project in the subsequent meeting.

The matter will be discussed only after submission of information as above in online prescribed portal.

**16. Proposed River Bed Sand/Morrum Mining Project having lease Area: 20.242 ha (50.01 Acre) along River Betwa in Gata No.- 1396 Ga, Khand No.- 04, at Village- Bhedikhurd, Tehsil- Kalpi, District- Jalaun,U.P. Shri Anand Gupta, Lease Area: 20.242 ha, File No. 4237/Proposal No. (SIA/UP/ MIN /25608/2018)**

A presentation was made by the project proponent along with their consultant M/s Paramarsh. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project having lease Area: 20.242 ha (50.01 Acre) along River Betwa in Gata No.- 1396 Ga, Khand No.- 04, at Village- Bhedikhurd, Tehsil- Kalpi, District- Jalaun,U.P. Lease Area: 20.242 ha.
- 2- Project details:-

|  |  |          |           |
|--|--|----------|-----------|
| 1. On-line proposal No.                                    | SIA/UP/MIN/25608/2018  |          |           |
| 2. File No. allotted by SEIAA, UP                          | 4237   |          |           |
| 3. Name of Proponent                                       | Sri Anand Kumar Gupta  |          |           |
| 4. Full correspondence address of proponent and mobile no. | Sri Anand Kumar Gupta S/o Sri Laxminarayan Gupta R/o Maharajpur, Kanpur Nagar, Uttar Pradesh |          |           |
| 5. Name of Project   | M/s Sri Anand Kumar Gupta  |          |           |
| 6. Project location (Plot/Khasra/Gata No.)                 | Gata No. 1396ga, Khand No – 04   |          |           |
| 7. Name of River   | Betwa  |          |           |
| 8. Name of Village   | Bhedikhurd   |          |           |
| 9. Tehsil  | Kalpi  |          |           |
| 10. District   | Jalaun   |          |           |
| 11. Name of Minor Mineral                                  | Sand mining  |          |           |
| 12. Sanctioned Lease Area (in ha)                          | 20.242 ha (50.01 acre)   |          |           |
| 13. Mineable Area (in ha)                                  | 20.242 ha  |          |           |
| 14. Zero level mRL   | 98.00 mRL*   |          |           |
| 15. Max. & Min mRL within lease area                       | Highest mRL is 106.3* in North<br>Lowest mRL is 100.2* in South                              |          |           |
| 16. Pillar Coordinates (Verified by DMO)                   | Pillar No.   | Latitude | Longitude |



|   |   |               |                  |  |
|---|---|---------------|------------------|--|
|   | A   | 25°53'03.92"N | 79° 51'17.64"E   |  |
|   | B   | 25°53'13.13"N | 79°50'54.73"E    |  |
|   | C   | 25°53'03.66"N | 79° 50'50.74"E   |  |
|   | D   | 25°52'58.39"N | 79° 51'16.17"E   |  |
|   | E   | 25°53'10.37"N | 79° 51'5.20"E    |  |
|   | F   | 25°53'9.67"N  | 79° 51'4.95"E    |  |
|   | G   | 25°53'7.88"N  | 79° 51'9.16"E    |  |
| 17. Total Geological Reserves   | 624150 m3   |               |                  |  |
| 18. Total Mineable Reserves in LoI  | 303630 m3   |               |                  |  |
| 19. Total Proposed Production   | 1518150 m <sup>3</sup> (5 years)                                    |               |                  |  |
| 20. Proposed Production/year  | 303630 m3/annum   |               |                  |  |
| 21. Sanctioned Period of Mine lease                                       | 5 years   |               |                  |  |
| 22. Production of mine/day  | 1214 m <sup>3</sup> / day   |               |                  |  |
| 23. Method of Mining  | Opencast manul/Semi-mechanized mining                               |               |                  |  |
| 24. No. of working days   | 250   |               |                  |  |
| 25. Working hours/day   | 8 hrs   |               |                  |  |
| 26. No. of workers  | 70 (Including Mines Manager, Foreman, Environmentalist & Supervisor |               |                  |  |
| 27. No. of vehicles movement/day  | 120   |               |                  |  |
| 28. Type of Land  | Govt./Non Forest Land   |               |                  |  |
| 29. Ultimate Depth of Mining  | 3.0m  |               |                  |  |
| 30. Nearest metallad road from site                                       | 1.10km  |               |                  |  |
| 31. Water Requirement   | PURPOSE   |               | REQUIREMENT(KLD) |  |
|   | Drinking  |               | 2.00             |  |
|   | Suppression of dust   |               | 4.00             |  |
|   | Plantation  |               | 1.00             |  |
|   | Others (if any)   |               | 0.00             |  |
|   | Total   |               | 7.00             |  |
| 32. Name of QCI Accredited Consultant with QCI No period of validity.     | Paramarsh (Servicing Environment and Development)<br>106<br>2018    |               |                  |  |
| 33. Any litigation pending against the project or land in any court       | No  |               |                  |  |
| 34. Details of 500 m Cluster Map & certificate verified by Mining Officer | Letter No-1035 dated 17.03.2018                                     |               |                  |  |
| 35. Details of Lease Area in approved DSR                                 | Page No- 54 Table No- 42  |               |                  |  |
| 36. Proposed CSR cost   | 1.88 lacs   |               |                  |  |
| 37. Proposed EMP cost   | ToR   |               |                  |  |
| 38. Length and breadth of Haul Road                                       | 0.50km and 6m   |               |                  |  |

- 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).

**Resolution against agenda no-16**

**The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**

**17. Ram Nagar Kauhan Sand/Morrum Mining Project Khand- 1 B, 36 & 15 Mi" at Village-Ram Nagar Kauhan, Tehsil & District- Fatehpur., U.P., M/s Indore Property Pvt. Ltd., Lease Area: 40.48 ha, 20.242 ha, File No. 4238/Proposal No. (SIA/UP/ MIN /25610/2018)**

**Resolution against agenda no-17**

A presentation was made by the project proponent along with their consultant. The committee discussed the matter and directed the project proponent to submit following information:

1. Geo coordinates verified by DMO should be submitted.
2. Submit cluster certificate.
3. The committee also directed to revise the full presentation accordingly and present it before the committee regarding the project in the subsequent meeting.

The matter will be discussed only after submission of information as above in online prescribed portal.

**18. "Korra Kanak" Sand/Morrum Mining Project at Khand-03, Village-Korra Kanak, Tehsil- Sadar, District- Fatehpur., U.P., M/s Dijivana Mining Corporation Pvt. Ltd., Lease Area: 40.48 ha, File No. 4239/Proposal No. (SIA/UP/ MIN /25616/2018)**

**Resolution against agenda no-18**

A presentation was made by the project proponent along with their consultant. The committee discussed the matter and directed the project proponent to submit following information:

1. Geo coordinates verified by DMO should be submitted.
2. Submit cluster certificate.
3. The committee also directed to revise the full presentation accordingly and present it before the committee regarding the project in the subsequent meeting.

The matter will be discussed only after submission of information as above in online prescribed portal.

**19. Proposed River Bed Sand/Morrum Mining Project having lease area- 12.428 ha (30.70 acre)along River Birma in Gata No.- 102, 174, 175, 30, 29/1, 44, 30, 1, at Village- Sengarpura, Gahlod, Ghurawas Mau, Tehsil- Kulpahad, District- Mahoba, U.P., Lease Area: 12.428 ha, File No. 4240/Proposal No. (SIA/UP/ MIN /25634/2018)**

A presentation was made by the project proponent along with their consultant M/s Paramarsh. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project having lease area- 12.428 ha (30.70 acre)along River Birma in Gata No.- 102, 174, 175, 30, 29/1, 44, 30, 1, at Village- Sengarpura, Gahlod, Ghurawas Mau, Tehsil- Kulpahad, District- Mahoba, U.P., Lease Area: 12.428 ha.
- 2- Project Details-

|   |   |                  |                |
|---|---|------------------|----------------|
| 1. On-line proposal No.   | SIA/UP/MIN/25634/2018   |                  |                |
| 2. File No. allotted by SEIAA, UP                                     | 4240  |                  |                |
| 3. Name of Proponent  | Sri Ajay Raj Dwivedi  |                  |                |
| 4. Full correspondence address of proponent and mobile no.            | Sri Ajai Raj Dwivedi S/o Sri Ram Dutt Dwivedi<br>R/O 235-A, Uttari Kheldar, Fatehpur, Uttar Pradesh   |                  |                |
| 5. Name of Project  | M/s Sri Ajay Raj Dwivedi  |                  |                |
| 6. Project location (Plot/Khasra/Gata No.)                            | Gata No. 102, 174, 175, 30, 29/1, 44, 30, 1   |                  |                |
| 7. Name of River  | Birma   |                  |                |
| 8. Name of Village  | Sengarpura, Gahlod, Ghurwas Mau   |                  |                |
| 9. Tehsil   | Kulpahad  |                  |                |
| 10. District  | Mahoba  |                  |                |
| 11. Name of Minor Mineral   | Sand mining   |                  |                |
| 12. Sanctioned Lease Area (in ha)                                     | 12.428 ha (30.70 acre)  |                  |                |
| 13. Mineable Area (in ha)   | 12.428 ha   |                  |                |
| 14. Zero level mRL  | 160.9 mRL*  |                  |                |
| 15. Max. & Min mRL within lease area                                  | Highest mRL is 164.3* in North<br>Lowest mRL is 161.0* in South   |                  |                |
| 16. Pillar Coordinates (Verified by DMO)                              | Pillar No.  | Latitude         | Longitude      |
|   | A   | 25°26'44.01"N    | 79° 30'28.51"E |
|   | B   | 25°26'42.54"N    | 79° 30'30.66"E |
|   | C   | 25°25'58.98"N    | 79° 29'53.57"E |
|   | D   | 25°26'00.51"N    | 79° 29'51.33"E |
| 17. Total Geological Reserves   | 200406 m <sup>3</sup>   |                  |                |
| 18. Total Mineable Reserves in LoI                                    | 27,000 m3 / annum   |                  |                |
| 19. Total Proposed Production   | 1,35,000 m <sup>3</sup> (5 years)   |                  |                |
| 20. Proposed Production/year  | 27,000 m3/annum   |                  |                |
| 21. Sanctioned Period of Mine lease                                   | 5 years   |                  |                |
| 22. Production of mine/day  | 108 m <sup>3</sup> / day  |                  |                |
| 23. Method of Mining  | Opencast Semi-mechanized by Bar Scalping Method using Scrapper/light earth movers, Hydraulic excavator Loader & Truck & tractors for transportation |                  |                |
| 24. No. of working days   | 250   |                  |                |
| 25. Working hours/day   | 8 hrs   |                  |                |
| 26. No. of workers  | 50  |                  |                |
| 27. No. of vehicles movement/day                                      | 10  |                  |                |
| 28. Type of Land  | Govt./Non Forest Land   |                  |                |
| 29. Ultimate Depth of Mining  | 1.50  |                  |                |
| 30. Nearest metalled road from site                                   | 2.6 km  |                  |                |
| 31. Water Requirement   | PURPOSE   | REQUIREMENT(KLD) |                |
|   | Drinking  | 1.50             |                |
|   | Suppression of dust   | 4.00             |                |
|   | Plantation  | 1.00             |                |
|   | Others (if any)   | 0.00             |                |
|   | Total   | 6.50             |                |
| 32. Name of QCI Accredited Consultant with QCI No period of validity. | Paramarsh (Servicing Environment and Development)<br>106<br>2018  |                  |                |
| 33. Any litigation pending against the project or land in any court   | No  |                  |                |
| 34. Details of 500 m Cluster Map & certificate verified               | Letter No-3003 dated 07.04.2018   |                  |                |

|   |                          |
|---|--------------------------|
| by Mining Officer                         |                          |
| 35. Details of Lease Area in approved DSR | Page No- 49 Table No- 11 |
| 36. Proposed CSR cost                     | 1.60 lacs                |
| 37. Proposed EMP cost                     | ToR                      |
| 38. Length and breadth of Haul Road       | 0.50km and 6m            |

- 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).

**Resolution against agenda no-19**

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

**20. Proposed River Bed Sand/Morrum Mining Project from Ghaghra River for M/s Laxmi Dev, located at Khand No.- 02, (Gata No.-498), Village- Udhaiya, Tehsil- Ramnagar, District- Barabanki, U.P., Sanctioned Lease Area: 12 ha, File No. 4241/Proposal No. (SIA/UP/ MIN /25656/2018)**

**Resolution against agenda no-20**

The project proponent 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.

The matter will be discussed only after submission of online request on prescribed portal.

**21. Proposed Group Housing Project “Koyal Enclave” at Plot No.- GH-09, GH-10, GH-11 & 12 at Village- Bhopura, Loni Road, Tehsil & District- Ghaziabad, U.P., File No. 3832/Proposal No. (SIA/UP/ NCP /62299/2017)**

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for proposed Group Housing Project “Koyal Enclave” at Plot No.- GH-09, GH-10, GH-11 & 12 at Village- Bhopura, Loni Road, Tehsil & District- Ghaziabad, U.P. M/s Ghaziabad Development Authority.

**2- Project details:**

| <b>FEATURES</b>  | <b>PROPOSED PROJECT</b>   |                                 |                                 |                 |
|--|---|---------------------------------|---------------------------------|-----------------|
| Name of the Project  | "KOYAL ENCLAVE"(Group Housing Project)<br>at Plot No. GH-09, GH-10, GH-11 & 12<br>Under U.P. Samajwadi Awasiya Yojana |                                 |                                 |                 |
| Location of Project  | Village: Bhopura, Loni Road<br>Tehsil/ District: Ghaziabad (U.P.)   |                                 |                                 |                 |
| Name of the Project Proponent  | Ghaziabad Development Authority<br>Vikas Path, Ghaziabad (U.P.)<br>Pin- 201301  |                                 |                                 |                 |
| S. No. in the schedule   | 8 (a)   |                                 |                                 |                 |
| Category of Project i.e. 'A' or 'B'                                  | B   |                                 |                                 |                 |
| Total Constructed Built-up Area of the Project (F.A.R. + Non F.A.R.) | $(64,452.99 \text{ m}^2 + 15,777.72 \text{ m}^2) = 80,230.71 \text{ m}^2$   |                                 |                                 |                 |
| GH-09 + GH-10 + GH-11 & 12   | $21,415.42 \text{ m}^2 + 21,900.92 \text{ m}^2 + 36,914.37 \text{ m}^2 = 80,230.71 \text{ m}^2$                       |                                 |                                 |                 |
| Total Plot Area  | $6,820.40 \text{ m}^2 + 7,140 \text{ m}^2 + 11,999 \text{ m}^2 = 25,959.4 \text{ m}^2$                                |                                 |                                 |                 |
| Coordinate of the Proposed Project Site                              | <b>Plot No.</b>   | <b>Latitude</b>                 | <b>Longitude</b>                | <b>Altitude</b> |
|  | <b>GH-09</b>  | 28° 42.464'N to<br>28° 42.414'N | 77° 19.768'E to<br>77° 19.802'E | 209 m           |
|  | <b>GH-10</b>  | 28° 42.648'N to<br>28° 42.701'N | 77° 19.758'E to<br>77° 19.800'E | 216 m           |
|  | <b>GH-11 &amp; 12</b>   | 28° 42.595'N to<br>28° 42.598'N | 77° 19.746'E to<br>77° 19.665'E | 215 m           |

**3- Area details of the project:**

| <b>Land Use</b>                                       | <b>GH-09</b>                              | <b>GH-10</b>                             | <b>GH-11&amp;12</b>                        | <b>Total</b>                           |
|---|---|--|--|--|
| Plot Area   | 6,820.40 m <sup>2</sup>                   | 7,140 m <sup>2</sup>                     | 11,999 m <sup>2</sup>                      | 25,959.4 m <sup>2</sup>                |
| Green Area  | 374.00 m <sup>2</sup> (5.5%)              | 593.05 m <sup>2</sup> (8.3%)             | 911.89 m <sup>2</sup> (7.6%)               | 1,878.94 m <sup>2</sup> (7.23%)        |
| Permissible Ground Coverage                           | 3410.20 m <sup>2</sup> (50%)              | 3570.0 m <sup>2</sup> (50%)              | 5,999.50m <sup>2</sup> (50%)               | 12,979.7 m <sup>2</sup> (50%)          |
| Proposed Ground Coverage                              | 2,157.71m <sup>2</sup><br><b>(31.64%)</b> | 2198.69m <sup>2</sup><br><b>(30.79%)</b> | 3,768.43 m <sup>2</sup><br><b>(31.40%)</b> | <b>8,124.83 m<sup>2</sup> (31.29%)</b> |
| Permissible F.A.R.                                    | 17051.0 m <sup>2</sup> (@2.5)             | 17850.0 m <sup>2</sup> (@2.5)            | 29,997.50m <sup>2</sup> (@2.5)             | 64,898.5 m <sup>2</sup> (@2.5)         |
| Proposed F.A.R.                                       | 17,038.93m <sup>2</sup><br>(@2.498)       | 17,581.02m <sup>2</sup><br>(@2.498)      | 29,833.04 m <sup>2</sup><br>(@2.486)       | 64,452.99 m <sup>2</sup><br>(@2.483)   |
| Total Non F.A.R.                                      | 4,376.49 m <sup>2</sup>                   | 4,319.9 m <sup>2</sup>                   | 7,081.33 m <sup>2</sup>                    | 15,777.72 m <sup>2</sup>               |
| Total Constructed Built-up Area (F.A.R. + Non-F.A.R.) | 21,415.42 m <sup>2</sup>                  | 21,900.92 m <sup>2</sup>                 | 36,914.37 m <sup>2</sup>                   | <b>80,230.71 m<sup>2</sup></b>         |
| No. of Blocks   | 3 (A+B+C)                                 | 1 (Block A)                              | 3 (A+B+C)                                  |  |
| No. of Floors in each block                           | Stilt+9 floors                            | Stilt+9 floors                           | Stilt+9 floors                             |  |
| Maximum Height of the Tower                           | 29.85 meter                               | 29.85 meter                              | 29.85 meter                                |  |
| Total No. of Flats                                    | 259 Nos.                                  | 266 Nos.                                 | 504 Nos.                                   | 1029 Nos.                              |

**4- Salient feature details:**

| <b>Project Requirements</b> | <b>DETAILS</b> |                              |                               |
|-----------------------------|----------------|------------------------------|-------------------------------|
| Total Proposed Plot Area    | GH-09          | 6,820.40 m <sup>2</sup>      | <b>25,959.4 m<sup>2</sup></b> |
|                             | GH-10          | 7,140 m <sup>2</sup>         |                               |
|                             | GH-11&12       | 11,999 m <sup>2</sup>        |                               |
| Landscape Area Required     | GH-09          | 374.00 m <sup>2</sup>        | <b>1,878.94 m<sup>2</sup></b> |
|                             | GH-10          | 593.05 m <sup>2</sup>        |                               |
|                             | GH-11&12       | 911.89 m <sup>2</sup>        |                               |
| Permissible Ground Coverage | GH-09          | 3410.20 m <sup>2</sup> (50%) | <b>12,979.7 m<sup>2</sup></b> |

|  |  |   |   |                                    |
|--|--|---|---|------------------------------------|
|  | GH-10  | 3570.0 m <sup>2</sup> (50%)   |   |                                    |
|  | GH-11&12   | 5,999.50 m <sup>2</sup>   |   |                                    |
| Proposed Ground Coverage                                   | GH-09  | 2,157.71 m2 (31.64%)  |   | 8,124.83 m <sup>2</sup>            |
|  | GH-10  | 2198.69 m2 (30.79%)   |   |                                    |
|  | GH-11&12   | 3,768.43 m2   |   |                                    |
| Permissible F.A.R. @ 2.5 times<br>(259+266+504=1029 Units) | GH-09  | 17051.0 m <sup>2</sup> (@2.5)   |   | 64,898.5 m <sup>2</sup>            |
|  | GH-10  | 17850.0 m <sup>2</sup> (@2.5)   |   |                                    |
|  | GH-11&12   | 29,997.50 m <sup>2</sup>  |   |                                    |
| Proposed F.A.R.  | GH-09  | 17,038.93 m <sup>2</sup> (@2.498)   |   | 64,452.99 m <sup>2</sup>           |
|  | GH-10  | 17,581.02 m <sup>2</sup> (@2.498)   |   |                                    |
|  | GH-11&12   | 29,833.04 m <sup>2</sup>  |   |                                    |
| Total Non F.A.R.   | GH-09  | 4,376.49 m <sup>2</sup>   |   | 15,777.72 m <sup>2</sup>           |
|  | GH-10  | 4,319.9 m <sup>2</sup>  |   |                                    |
|  | GH-11&12   | 7,081.33 m <sup>2</sup>   |   |                                    |
| Total Constructed Built up Area<br>(F.A.R. + Non F.A.R.)   | GH-09  | 21,415.42 m <sup>2</sup>  |   | 80,230.71 m <sup>2</sup>           |
|  | GH-10  | 21,900.92 m <sup>2</sup>  |   |                                    |
|  | GH-11&12   | 36,914.37 m <sup>2</sup>  |   |                                    |
| No. of Towers  | GH-09  | Block A+B+C: 3  |   | 7                                  |
|  | GH-10  | Block A: 1  |   |                                    |
|  | GH-11&12   | Block A+B+C: 3  |   |                                    |
| No. of Floors  | GH-09  | Stilt + 9 floors  |   |                                    |
|  | GH-10  | Stilt + 9 floors  |   |                                    |
|  | GH-11&12   | Stilt + 9 floors  |   |                                    |
| No. of Flats   | GH-09 (259 Nos.)   | GH-10 (266 Nos.)  | GH-11 & 12 (504 Nos.)   | 1029 Nos.                          |
| Building Height  | 29.85 m (Each Tower)   |   |   |                                    |
| Parking Facilities   | S. No.   | Required  | Achieved  | Total                              |
|  | GH-09  | 130 ECS   | 140 ECS   | 530 ECS                            |
|  | GH-10  | 133 ECS   | 143 ECS   |                                    |
|  | GH-11&12   | 241 ECS   | 247 ECS   |                                    |
| Power Requirement and Source                               | Total Connected Load:<br>GH-09: 1126 KW<br>GH-10: 1122 KW<br>GH-11 & 12: 1849 KW               | Total Demand Load:<br>GH-09: 707 KW<br>GH-10: 702 KW<br>GH-11 & 12: 1158 KW | Transformers 3 Nos.<br>GH-09: 1 x 750 kVA<br>GH-10: 1 x 750 kVA<br>GH-11 & 12: 1 x 1250 kVA |                                    |
|  | SOURCE: Power Supply Receiving from UPPCL Substation (Uttar Pradesh Power Corporation Limited) |   |   |                                    |
| Power Backup   | DG Sets (3 Nos.):  |   |   |                                    |
|  | GH-09  | 1 x 250 kVA   |   |                                    |
|  | GH-10  | 1 x 250 kVA   |   |                                    |
|  | GH-11 & 12   | 1 x 380 kVA   |   |                                    |
| Stack Height of DG Set                                     | 33.75 meter  |   |   |                                    |
| Water Requirement and Source                               | S. No.   | Total Water Requirement (in KLD)  | Total Fresh Water Req. (in KLD)   | Treated Waste water 80% Efficiency |
|  | GH-09  | 114.22  | 79.954  | 78.583                             |
|  | GH-10  | 116.40  | 81.48   | 80.08                              |
|  | GH-11 & 12   | 221.85  | 155.295   | 152.633                            |
|  | SOURCE: Bore Wells (3 Nos.)  |   |   |                                    |
| Sewage Treatment and Disposal                              | STP Design:  | KLD   | Excess treated water  |                                    |
|  | GH-09  | 130 KLD   | 23.62 KLD   |                                    |

|  |  |         |           |
|--|--|---------|-----------|
|  | GH-10  | 140 KLD | 24.16 KLD |
|  | GH-11 & 12   | 280 KLD | 56.55 KLD |
|  | Discharge: The Excess treated water will be drained out to the Municipal Sewer line of Ghaziabad Loni Development Authority. |         |           |
| Estimated Population (1029 flats x 5 Nos.) | 5145 (+ 50 for Shops + 515 floating)   |         |           |

**5- Water requirement details:**

| S. No.  | Description  |             | No of Flats              | Population             | Rate of water demand (lpcd) | Total Water Requirement (KLD) |
|---|--|-------------|--------------------------|------------------------|-----------------------------|-------------------------------|
| A.  | Domestic Water   |             |                          |                        |                             |                               |
|   | GH-09  | Block A+B+C | 259                      | 1295                   | 86                          | 111.37                        |
|   | GH-10  | Block A     | 266                      | 1330                   | 86                          | 114.38                        |
|   | GH-11&12   | Block A+B+C | 504                      | 2520                   | 86                          | 216.72                        |
|   | Proposed Shops   |             | ----                     | 50                     | 45                          | 2.25                          |
|   | Floating Population  |             | @10% of total Population | 515                    | 15                          | 7.725                         |
|   | Total domestic water demand  |             |                          |                        |                             | 452.47 KLD                    |
| Recycled water use from STP for various usages  |  |             |                          |                        |                             |                               |
| B.  | Green Area   | GH-09       | 374m <sup>2</sup>        | 1878.94 m <sup>2</sup> | 1L/ sqm/day                 | 2.0 KLD                       |
|   |  | GH-10       | 593.05m <sup>2</sup>     |                        |                             |                               |
|   |  | GH-11&12    | 911.89m <sup>2</sup>     |                        |                             |                               |
|   |  | Total       | 1878.94                  |                        |                             |                               |
| C.  | Car Washing  |             | 510 Cars                 |                        | 25 L/Car                    | 12.8 KLD                      |
| D.  | Miscellaneous Use (back wash, make up for water body, decorative fountain & general washing)   |             | GH-09                    |                        | 15 KLD                      | 50 KLD                        |
|   |  |             | GH-10                    |                        | 15KLD                       |                               |
|   |  |             | GH-11&12                 |                        | 20 KLD                      |                               |
| E.  | DG Sets (3 Nos.): (8 hrs)<br>GH-09: 1 x 250 KVA<br>GH-10: 1 x 250 KVA<br>GH-11&12: 1 x 380 KVA |             |                          |                        | 0.9                         | 6.4 KLD                       |
|   |  |             |                          | 1.8                    | 1/KVA/hr                    |                               |
|   |  |             |                          | 1.8                    |                             |                               |
|   |  |             |                          | 2.8                    |                             |                               |
|   | Total Water Requirement (predicted values) KLD (B+C+D+E)                                       |             |                          |                        |                             | 77.6 KLD                      |
| 1.  | Domestic Water Requirement   |             |                          |                        |                             | 452.47 KLD                    |
| 2.  | Total Fresh water = Fresh (@ 70% of domestic)  |             |                          |                        |                             | 316.729 KLD                   |
| 3.  | Flushing (@ 30% of domestic)   |             |                          |                        |                             | 135.736 KLD                   |
| The project will generate approx. 190.791 KLD of wastewater. The wastewater will be treated in the STP (280 KLD Capacity) provided within the complex generating 152.633 KLD of recoverable water from STP which will be recycled within the project. |  |             |                          |                        |                             |                               |

**6- Solid waste generation details:**

| S.No.     | Category               |             | Population | Kg per capita per day (kg/capita/day) | Waste generated (kg/day) | % in term of total waste generation |
|-----------|------------------------|-------------|------------|---------------------------------------|--------------------------|-------------------------------------|
| <b>1.</b> | <b>Residents</b>       |             |            |                                       |                          |                                     |
|           | GH-09                  | Block A+B+C | 1295       | @ 0.5                                 | 2572.5                   |                                     |
|           | GH-10                  | Block A     | 1330       |                                       |                          |                                     |
|           | GH-11&12               | Block A+B+C | 2520       |                                       |                          |                                     |
|           | <b>Total Occupancy</b> |             | 5145       |                                       |                          |                                     |
| <b>2.</b> | Proposed Shops         |             | 50         | @0.15                                 | 7.5                      |                                     |

|    |  |            |                               |         |      |
|----|--|------------|-------------------------------|---------|------|
| 3. | Floating Population<br>(@10% of total<br>Population)     | 515        | @ 0.15                        | 77.25   |      |
| 4. | Landscape Waste<br>(1878.94 m2 = 0.4639<br>acre)         |            | @0.2<br>Kg/acre/day           | 0.09278 |      |
| 5. | STP  |            | (10% of total Waste<br>Water) | 38.8    |      |
|    | GH-09, 98.229 KLD  | 9.8 Kg     |                               |         |      |
|    | GH-10, 100.10 KLD  | 10 Kg      |                               |         |      |
|    | GH-11&12, 190.791 KLD                                    | 19 Kg      |                               |         |      |
|    | Total Solid Waste Generated<br>(predicted values) kg/day |            | 2696.143 kg/day               |         | 100% |
| 1. | Biodegradable Waste                                      |            | 1617.686 kg/day               |         | 60%  |
| 2. | Non-Biodegradable<br>Waste                               | Recyclable | 808.843 kg/day                |         | 30%  |
|    |  | Inert      | 269.614 kg/day                |         | 10%  |

7- Parking details:

| S.No.        | Required   | Achieved   |
|--------------|------------|------------|
| GH-09        | 130        | 140        |
| GH-10        | 133        | 143        |
| GH-11 & 12   | 241        | 247        |
| <b>Total</b> | <b>504</b> | <b>530</b> |

8- Power requirement details:

|                                 |   |
|---------------------------------|---|
| Power Requirement               | 7,000 KW  |
| Transformer Selection           | <b>Total Connected Load:</b><br>GH-09: 1126 KW<br>GH-10: 1122 KW<br>GH-11 & 12: 1846 KW<br><b>Total Demand Load:</b><br>GH-09: 707 KW<br>GH-10: 702 KW<br>GH-11 & 12: 1158 KW<br><b>Transformers 3 Nos.</b><br>GH-09: 1 x 750 kVA<br>GH-10: 1 x 750 kVA<br>GH-11 & 12: 1 x 1250 KVA |
| Source of Power Supply          | Power Supply Receiving from UPPCL Substation (Uttar Pradesh Power Corporation Limited)  |
| Backup power supply arrangement | No. of DG Sets: 3 Nos.<br>Capacity :<br>GH-09: 1 x 250 kVA<br>GH-10: 1 x 250 kVA<br>GH-11 & 12: 1 x 380 kVA   |
| Location of DG Sets             | DG sets shall be placed at ground floor   |
| Stack Height                    | 33.75 m (As per CPCB norms and Local Authority)   |
| Consumption of Fuel             | Individual DG Set shall be provided with a day oil tank of capacity 990 liters, near DG set.<br>HSD tank location shall be minimum 4.5 meter or dia. Of tank away from the building as per the Petroleum Acts 30 vide GSR 204 (E) date 13.02.2002.                                  |

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



**Resolution against agenda no-21**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:**

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. Facility for dedicated ETP to treat waste water of car washing and of miscellaneous use should be provided for the project.
4. 15% area of the total plot area shall be compulsorily made available for the green belt development including the peripheral green belt. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 20016.
12. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
13. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
14. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
15. Use of reflecting paints on the roof top and side walls of the buildings.

16. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
17. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
18. Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
19. No parking shall be allowed outside the project boundary.
20. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
21. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
22. For any extraction of ground water, prior permission from CGWB shall be taken.
23. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
24. Disposal of muck during construction phase should 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.
25. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
32. Convenient shops, bank, canteen, post office and medicine shops etc to be provided with in complex.
33. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
34. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
35. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
36. All the internal drains are to be covered till the disposal point.
37. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.

**(Dr. Sarita Sinha)**  
**Member**

**(Dr. Arvind Mathur)**  
**Member**

**(Dr. Virendra Mishra)**  
**Member**

**(Dr. Ajoy Kuma Mandal)**  
**Member**

**(Dr. Richhpal Singh Sangu)**  
**Member**

**(Shri Ramesh Chand Kataria)**  
**Member**

**(Dr. Ranjeet Kumar Dalela)**  
**Member**

**(Dr. (Prof.) S. N. Singh)**  
**Chairman**

**(Shri Meraj Uddin)**  
**Member**

**Annexure-1**

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM  
MINING PROPOSALS**

**General Conditions:**

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 law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CSR component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. 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. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Annexure-2**

**Specific Conditions for Sand Moram Mining :-**

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. 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 area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. 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.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities 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 Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.



30. 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.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

**Annexure-3**

**Terms of Reference for Mining Project**

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, 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, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>x</sub> and

- NO<sub>x</sub>), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. 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 PM<sub>10</sub> particularly for free silica should be given.
  21. 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 vehicle 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 rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
  22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
  23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
  24. Details of water conservation measures proposed to be adopted in the projected should be given.
  25. 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.
  26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. 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. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
  27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
  28. Details of rainwater harvesting proposed, if any, in the project should be provided.
  29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
  30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
  31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
  32. 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 increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
  33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
  34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
  35. Phase-wise plan of green belt development, 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.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
  37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
  38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
  39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
  40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
  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 project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
  43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
  44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
  45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
  46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
  47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
  48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.