

Minutes of 335th SEAC Meeting Date 02/05/2018

The 335th meeting of SEAC was held in Directorate of Environment, U.P. on 02/05/2018 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. Parmod Kumar Mishra,	Member
6.	Dr. Richhpal Singh Sangu,	Member
7.	Prof. D.P. Singh,	Member
8.	Dr. Ranjeet Kumar Dalela,	Member
9.	Shri Ramesh Chand Kataria,	Member
10.	Prof. S.K. Upadhyay,	Member
11.	Dr. Ajoy Kumar Mandol,	Member
12.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 335th SEAC meeting.

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

1. Sainik School at Industrial Area Village- Kauhar, Tehsil & District-Amethi, U.P., File No. 4108/Proposal No. (SIA/UP/ NCP /73317/2018)

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

1- The environmental clearance is sought for Sainik School at Industrial Area Village- Kauhar, Tehsil & District-Amethi, U.P.

2- Project Brief :-

DETAILS	Total
Plot area	2,10,471.00 m ²
Built Up Area	26,888.78 m ²
Ground Coverage	32,708.05 m ²
Green Area	24,914.00 m ²
Height of Building	G+1(3.5m)
Total Population	1231
Standby DG Set:	01 x 200 KVA 01 x 125 KVA
D G Set Stack Height	H+12.0 m
Total Consumption of Water	147.09 KLD
Total Waste Water Generated	67.16 KLD

Proposed rainwater harvesting pits	08
Parking	71 ECS
STP capacity	80.0 KLD
ETP capacity	08 KLD
Total Project Cost	60.09 Crore

3- Land Use Details (Proposed):-

S. No.	Particulars	Area (m ²)	Percentage (%)
1	Ground coverage	32,708.05	15.54
2	Green Area	63,141.60	30.0
3	Road Area	45,382.00	21.56
4	Parking Area	1,661.00	0.80
5	Open Area & Future Expansion area	67579.35	32.1
Total Plot area		2,10,472.00	100.0

Floor Wise Area:-

S.NO	Name of floors	Area (m ²)
A	NON- RESIDENTIAL AREA	
I	Academic block	7,075
II	Dining Block	3,333
III	Hostel Block	12,845
	TOTAL (A)	23,253
B	RESIDENTIAL AREA	
I	Type 1 (Block I)	
A	Ground floor	120.15
B	First floor	212.77
II	Type 1 (Block II)	
A	Ground floor	212.77
	TOTAL TYPE-1 (BLOCK I + BLOCK II)	545.65
III	Type 2 (Block I)	
A	Ground floor	177.44
B	First floor	344.53
IV	Type 2 (Block II)	
A	Ground floor	177.44
B	First floor	344.53
	TOTAL TYPE 2 (BLOCK I+ BLOCK II)	1,043.94
V	Type 3 (Block I)	
A	Ground floor	357.32
B	First floor	357.32
VI	Type 3 (Block II)	
A	Ground floor	357.32
B	First floor	357.32
VII	Type 4 (Block I)	
A	Ground floor	178.01
B	First Floor	215.86
	TOTAL TYPE- 4	393.87
VIII	Type 5 (Block I)	
A	Ground Floor	223.00
	TOTAL TYPE 5	223.00
	TOTAL BUILT UP AREA (Non-Residential +Residential)	26,888.78

Population Details :-

S.No.	STAFF/ DESIGNATION	POPULATION
1.	Teacher	40
2.	Instructor	07
3.	Admin Staff	30

4.	Service Staff	20
5.	Students	Day Scholars =300
		Hostellers = 220
6.	Staff Housing	
	Type 1	140
	Type 2	110
	Type 3	155
	Type 4	10
	Type 5	9
7.	Visitors	190
8.	Total Expected Population	1231

4- In the proposed project, parking for the teacher, students, administrative staff, visitors, and service staffs shall be managed by providing total area of 1662.00 m²

5- Provided Parking

- Parking area = 1662.00 m²= 72 ECS.
- 25% ECS are for 2 wheeler parking of total parking.

6- Water Consumption & Discharge

S.No.	Water Use	Population	Per Capita in (LPCD)	Water Requirement (KLD)	Waste Generation (KLD)
1.	Teacher	40	45	1.8	1.44
2.	Instructors	07	45	0.3	0.24
3.	Admin Staff	30	45	1.3	1.04
4.	Service Staff	20	45	0.9	0.72
5.	Students	Day Scholars = 300	45	13.5	10.8
		Hosteller = 220	86	18.9	15.12
6.	Residents	424	86	36.4	29.12
7.	Visitor	190	15	2.85	2.28
Total Domestic Water Requirement				75.95	60.76
7.	Laboratory & Dispensary		Lumpsum	8.0	6.4
8.	Gardening/ Landscape Area	63141.6 m ²	1 l/m ²	63.14	Nil
Total Water Requirement				147.09	67.16

7- Rain Water Harvesting:-

S. No.	Description of Area	Area considered (m ²)	Harvesting Factor or Collection Efficiency	Average Annual Rainfall intensity (mm)	Total Volume of Water available for Rain Water Harvesting (m ³)
1	Roof-top Surfaces	32708.05	0.8	25	654.161
Grand Total					654.161 m³/hr

8- Municipal Solid Waste Generation & Management

Type of Waste	Colour of Bins	Category	Disposal Method	Total Waste (Kg/ day)
Organics	Green	Bio Degradable	Municipal Solid Waste Site	258.92
Paper	Blue	Recyclable	Approved Recycler	93.21
Metals				
Glass				
Textiles				
Plastic				
Ash & Dust	Grey	Non-Bio degradable	Municipal Solid waste Site	165.71
Total				517.8

9- Landscape Development Plan

Total Landscape Area Proposed	24914 m ²
Required No of trees	104665/80
Total Numbers of Trees Required	1308 Nos.

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

Resolution against agenda no-1

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

1. Copy of approved plans from the competent authority should be submitted.
2. Latest photographs with time, date and coordinates should be submitted.

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

2. Proposed Group Housing and Staff Quarters at UPSRTC Campus, Vikas Nagar, District- Kanpur, U.P., M/s Kanpur Development Authority, File No. 4148/Proposal No. (SIA/UP/ NCP /73592/2018)

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

- 1- The environmental clearance is sought for Proposed Group Housing and Staff Quarters at UPSRTC Campus, Vikas Nagar, District- Kanpur, U.P., M/s Kanpur Development Authority.
- 2- Project profile & its salient features details:

Nearest Town /City	Kanpur city
District head quarters	Kanpur city
Nearest Railway Station	Kanpur Central Railway Station – 7 km (SE)
Nearest Airport	Chaudhary Charan Singh International Airport - 65 km (NE)
Nearest Highway	NH 91 – 2 km (S)
Elevation	122 to 130 m amsl (in site)
Water requirement	834 KLD, source from Jal kal Vibhag, Nagar Nigam, Kanpur
Power requirement	6000 KVA, sourced from U.P State Electricity Board
Manpower requirement	About 200 persons (150+50 persons , construction & operation phases)
Waste Generation	693 KLD— liquid effluent, 2420 kg/day—solid waste
Nearest Forests	None within 10 km radius of project site
Nearest Waterbodies	Ganga river – 2 km (E)
Historical & Sensitive Locations	Zoological Park – adjacent to site (south) Kanpur Cantonment – 9 km (SE), Indian Air Force Station – 16km (SE), Hindustan Aeronautics Limited - 15 km (SE)
Seismic Zone	Zone-III (Moderate Intensity), as per Seismic Zoning Map of India

3- Detailed area statement :

Items	Details
Total Plot area	47682.72 m ² (11.78 acres)
Ground Coverage	Permissible: 19073.08 m ² (40%) Proposed: 12106.29 m ²
Permissible FAR	Total Permissible FAR = 108204.15 + 6732 = 114936.15 m ² (Housing + Staff quarters)
Total FAR Achieved	Total Permissible FAR = 108165 + 4468.9 = 112633.9 m ² (Housing + Staff quarters)
Total Built up area	135813.01 m ²

Parking facility provided	45422 m ² – for 1469 ECS (at stilt level 396 & at Basement level 1073)
Total open area	35589.69 m ² (road area + green area)
Green Area	13040 m ² (about 27% of total project area will be maintained with greenbelt/landscaping)
Total no. of Towers	26
Total Dwelling Units	1128+80 = 1208 (housing + staff quarters)
Estimated Population	6219 (including visitors & workers)
Maximum Height	42.21 m

4- Project site location and its surroundings:

Particulars	Details
Location	UPSRTC Campus, Vikas Nagar, Kanpur, Uttar Pradesh
Coordinates	Latitude: 26° 30' 15.78" N / Longitude: 80° 17' 55.47"E
Type of Industry	Project/Activity 8(a) (Building & Construction Project)
Category	Category B
Nearest Highway	NH 91 – 2km (S)
Nearest railway station	Kanpur Central Railway Station –7 km (SE)
Nearest airport	Chaudhary Charan Singh International Airport – 65 km (NE)
Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	Allen Forest Zoo – adjoining (S)
Reserved/Protected Forests	Allen Forest Zoo – adjoining (S)
Rivers/Lakes	River Ganga – 2 km (E)
Archaeological important places	None
Seismic zone	Seismic Zone–III (Moderate Intensity, as per Seismic Zoning Map of India)
Defense installations	None

5- Building details :

BHKs	Tower	No. of Floors	FAR (m ²)	Unit	Population
	Housing:				
3BHKs (576)	B1,B2,B11,B12	G+13	21718.32	208	1040
	B3,B4,B9,B10	G+12	20047.68	192	960
	B5,B6,B7,B8	G+11	18377.04	176	880
2BHKs (552)	A1,A2,A3	G+10	9846.4	120	480
	A4,A5,A6	G+11	10831.59	132	528
	A7,A8,A9	G+12	11816.28	144	576
	A10,A11,A12	G+13	12800.97	156	624
	Staff Quarters:				
1BHK (80)	C1	G+7	2303.7	42	168
	C2	G+7	2141.7	38	152
Total:				1208	5408

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

Resolution against agenda no-2

The committee gone through the Ministry of Environment, forest and Climate Change (Impact Assessment Division) letter no- 23-20/20/2018-IA-III dated 11-04-2018 and noted that the project proponent has already started the construction works and completed 35% of construction without obtaining environmental clearance. The Committee directed that compliance to EIA notification 14 Sep. 2006 (as amended thereof) also to Ministry of Environment forest and Climate Change notification dated 08-03-2018 should be submitted by the project proponent for further consideration of the matter.

The project proponent should also submit the names and addresses of all the members of board of directors and year wise construction details which has been undertaken without obtaining environmental clearance. The project proponent is also directed to stop the construction immediately and to submit an affidavit to this effect.

The committee also directed the project proponent to submit following information:

1. Status report regarding construction/development work already taken up.
2. All registry documents, Approved layout plan by the competent authority and all building plans.
3. All services plan is to be submitted like sewerage, drainage, external electrification, rain water harvesting, landscape plan with list of trees, water supply, OHT for firefighting etc.
4. Details of land use with area and percentage.
5. Location of proposed site in kanpur master plan.
6. Discharge point of Sewerage and drainage.
7. Plan for use of reflecting paints on roof top and all side walls.
8. Remedial plan along with time duration.
9. Provide Geo- coordinates of the project site.
10. Scope of NABL certification.
11. Reanalyze the surface water quality including chemical and Biological parameters.
12. Asses the Biological index of the pollution river Ganga.
13. Geo-hydrological status.
14. Ambient air monitoring to be carried out.

The matter shall be discussed after receipt of communication regarding initiation of credible legal action against the project proponent for violation of E.P. Act.

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

3. Government Allopathic Medical College at Naraini Road Banda, Village- Tindwara, Tehsil & District-Banda, U.P., File No. 4186/Proposal No. (SIA/UP/ NCP /73950/2018)

The committee noted that the case was considered in SEAC meeting dated 29/04/2011 wherein the presentation was made by representative of project proponent along with their consultant M/s Sawen Consultancy Pvt. Ltd.

The committee also noted that the project proponent has submitted his reply vide letter dated 02-03-2018 with reference to the file no- 557. It was observed that the queries which were raised in 65th SEAC meeting dated 29-04-2011 have replied and submitted in the agenda of 335th SEAC meeting dated 02-05-2018 at sl. no- 3 vide file no- 4186/Proposal No. (SIA/UP/ NCP /73950/2018). The committee is of the opinion that since, a long period has passed in submitting the reply to the queries raised in SEAC meeting dated 29-04-2011 to that of file no- 557, the committee discussed the matter and directed the project proponent to submit the queries to that of SEAC meeting dated 29-04-2011 along with the fresh file no- 4186/Proposal No. (SIA/UP/ NCP /73950/2018) closing file no- 557. The committee also directed to submit following information.

Resolution against agenda no-03

1. No construction certificate to be submitted.
2. Status report regarding construction/development work taken up, if any.
3. All registry documents, Approved layout plan by the competent authority and all building plans.
4. All services plan is to be submitted like sewerage, drainage, external electrification, rain water harvesting, landscape plan with list of trees, water supply, OHT for firefighting etc.
5. Details of land use with area and percentage.
6. Location of proposed site in Banda master plan.
7. Discharge point of Sewerage and drainage.
8. Provide Geo- coordinates of the project site.
9. Recent ground water quality parameters to be submitted.
10. Site photographs should be submitted with date, time and point coordinates.

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

4. Proposed Group Housing Project "Happy Trails" at Plot No.- GH-02A, Sector- 10, Greater Noida, Tehsil & District- Gautam Budha Nagar, U.P., M/s Shridhara Infratech Pvt. Ltd., File No. 4137/Proposal No. (SIA/UP/ NCP /22417/2018)

A presentation was made by Shri Shashank Maheshwari, representative of project proponent along with their consultant M/s Aplinka Solutions & Technologies 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 Project "Happy Trails" at Plot No.-GH-02A , Sector-10, Greater Noida, U.P., M/s Shridhara Infratech Pvt. Ltd.
2. The Group Housing Project consists of 12 residential towers having total 1239 dwelling units and a commercial & community building.
3. Salient feature details:

Sr. No.	PARTICULARS	DETAILS
1.	Total Plot Area	34,769 m ²
2.	Total Built up Area	2,12,781.49 m ²
3.	Landscape Area	14,046.86 m ²
4.	Maximum Height of Building	93.5 m
6.	Dwelling Unit	1239
7.	Estimated Population	6429
8.	Total water requirement	572 KLD
9.	Wastewater generation	424 KLD
10.	STP capacity	430 KLD
11.	Total Power Requirement	4130.5 kW
12.	Total Power Backup	DG sets of capacity 2 x 1000 kVA, 1 x 625 kVA, 1 x 500 kVA
13.	Total solid waste generated	2946.14 kg/day
14.	No. of Rain water Harvestings pits	9 pits
15.	Parking Details (in ECS)	Parking reqd.: As per MoEF&CC norms = 1321 ECS As per Greater Noida Bye Laws = 1597 ECS Parking Proposed = 1614 ECS

4. Area details of the project:

Sr. No.	Particular	Area (sqm)	Percentage (%)
1	Total Plot Area	34,769	

2	Permissible Ground Coverage (@35% of the total plot area)	12,169.15	
3	Proposed Ground Coverage	6708.85	19.30
4	Open Area	28,060.15	
5	Required Landscape Area (minimum 50 % of the open area)	14,030.08	
6	Proposed Landscape Area (@50% of the open area)	14,046.86	40.40
7	Area under surface parking (including circulation)	3410.70	9.81
8	Area under roads and pavements	10,602.59	30.49
9	Total Permissible FAR [9(a) + 9 (b) + 9 (c)]	1,46,029.81	
9(a)	Permissible FAR (@2.75 of the total plot area)	95,614.75	
9(b)	Purchasable FAR (0.75 of the total plot area)	26,076.75	
9 (c)	Ancillary FAR [@15% of 9(a) + 9(b)]	18,253.73	
9 (d)	Green Building Incentive FAR [@5% of 9(a) + 9(b)]	6,084.58	
10	Total Achieved FAR	1,45,385.1	
10(a)	Proposed FAR	1,27,424.51	
10(b)	Services FAR	17,960.59	
11	Non FAR	67,396.39	
11(a)	Tower Non-FAR	17,342.66	
11(b)	Stilt	4569.49	
11(c)	OHT	872.65	
11(d)	Basement	28,056.57	
11(e)	Podium	16,507.60	
11(f)	Guard Room, Meter Room & Tower Connection Building	47.42	
12	Built Up Area (10 + 11)	2,12,781.49	
13	Maximum Height	93.5 m	

5. Population details of the project:

Sr. No.	Particular	Dwelling Unit	FAR	Person per Unit /Density	Population
1	Residential Population	1239		4.5	5576
2	Visitors			10% of the residential population	558
3	Staff			5% of the residential population	279
4	Community & Commercial Area		2284.24	1/3rd of the FAR	762
4(a)	Staff for Community & Commercial Area			2 % of the community and commercial area population	16
	Total				6429

6. Water demand:

Sr. No.	Particular	Population	Area (m2)	Per capita water demand (lpcd)	Fresh Water (KLD)	Treated Water (KLD)	Total Water Demand (KLD)	Wastewater Generation (KLD)
1	Residential Population	5576		86	362.43	117.10	479.536	407.05
2	Visitors	558		15	2.04	6.33	8.37	7.96
3	Staff	295		30	2.16	6.69	8.85	8.42
4	Landscape		14,046.86	5.3 ltrs/sqm	0	74.93	74.93	0
Total					366.64~367	205.05~205	571.69~572	423.43~424

7. Parking details:

Particular	Area(m ²)	Density (@ 1 ECS per area)	ECS
Surface Parking	3410.70	20	170
Stilt/Podium Parking	18,171.67	30	606
Basement Parking	25,143.037	30	838

Total		1614
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8. Power requirement:

Parameters	Operation Phase
Power requirement	4130.50 kW
Supply by	Noida Power Corporation Ltd/Paschimanchal Vidyut Vitran Nigam Ltd
Back-up power supply	DG sets of capacity : 2 x 1000 kVA + 1 x 625 kVA + 1 x 500 kVA

9. Solid waste generation:

Sr. No.	Description	Occupancy	kg per capita per day	Waste Generated (kg/day)
1	Residential Population	5576	0.5	2788.00
2	Staff	295	0.25	73.75
3	Visitors	558	0.15	83.70
4	Horticultural Waste (3.47 acres)	@ 0.2 kg/acre/day		0.694
Total Solid Waste Generation				2946.14 ~ 2946 kg/day

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

Resolution against agenda no-04

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. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 20016.
11. 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.
12. 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.

13. 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.
14. 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.
15. 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.
16. 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.
17. No parking shall be allowed outside the project boundary.
18. 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.
19. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
20. For any extraction of ground water, prior permission from CGWB shall be taken.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
28. 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.
29. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
30. Convenient shops, bank, canteen, post office and medicine shops etc to be provided with in complex.
31. RWH to be done only from root top. Arrangement shall be made that waste water and storm water do not get mixed.

32. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
33. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
34. All the internal drains are to be covered till the disposal point.
35. 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.
36. Reflecting point should be used on the roof top and side walls of the building tower.

5. Proposed Commercial Project Spectrum@Metro" Plot No.- C & D, Eco City, Sector-75, Noida, Tehsil & District- Gautam Budha Nagar, M/s AIMS Max Gardenia Developers Pvt. Ltd., File No. 4066/Proposal No. (SIA/UP/ NCP /72592/2018)

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

- 1- The environmental clearance is sought for Proposed Commercial Project Spectrum@Metro" Plot No.- C & D, Eco City, Sector- 75, Noida, Tehsil & District- Gautam Budha Nagar, M/s AIMS Max Gardenia Developers Pvt. Ltd.
- 2- Project site is spread over area of 25,471.00 m² (6.29 acres) and will have built-up area of 1,40,360.19 sq m.
- 3- Project information:-

Description	Existing
Plot Area	25,471.00 m ²
Built-up Area	1,40,360.19 m ²
Green Area	7682.769 m ² @ 30.16 % of Plot Area
Total Water Requirement	689 KLD
Fresh Water Requirement	115.2 KLD
Wastewater Generation	361 KLD
Capacity of STP	450 KLD
Solid Waste Generation	3,417 kg/day
Parking Required & Provided	1,528 ECS & 2,211 ECS
Power Demand & Source	10,375 kVA (by Noida Power Corporation Limited)
Back up	13,250 kVA (6 x 2000 kVA + 1 x 1250 kVA)
RWH Pits	7 pits

4- AREA STATEMENT:

S. No.	Particulars	Area (m ²)
1.	Total Plot Area	25,471.00
2.	Permissible Ground Coverage @ 40% of Plot Area	10,188.44
3.	Proposed Ground Coverage @ 39.99% of Plot Area	10,188.00
4.	Total Permissible F.A.R. <ul style="list-style-type: none"> • Permissible Commercial F.A.R. - 76,413.00 (@ 3.00 of the Plot Area) • Permissible 15% for Facility of Commercial F.A.R. - 11,461.95 	87,874.95
5.	Proposed Commercial F.A.R. (@ 2.98 of the Plot Area)	76,074.59
6.	Non F.A.R. Area <ul style="list-style-type: none"> • Basement 1 - 	61,073.73

	9,063.82 • Basement 2 - 20,330.67 • Basement 3 - 20,330.67 • Proposed Area in 15% Facility Area - 11,348.57 (Fire Stair Case + Lift Lobby + Mumty + Machine Room + Lift Shafts + Service Shafts+ Guard Room +Visitor Toilets)	
7.	Service Floor Area	3,211.87
8.	Total Built-Up Area (5+6+7)	1,40,360.19
9.	Open Area (@ 60% of Plot Area)	15,283.00
10.	Landscape Area (@ 30.16% of Plot Area)	7,682.769
11.	Maximum Height of the Building	85.45 m

5- FAR BREAK UP

S. No.	Floors	F.A.R. (m ²)
1.	Tower A (Ground Floor to 24 th Floor)	21,690.72
2.	Tower B (Basement 1 to 5 th Floor)	10,330.48
3.	Tower C (Basement 1 to 6 th Floor)	22,891.66
4.	Tower D (Basement 1 to 24 th Floor)	21,161.73
Total Proposed F.A.R.		76,074.59

6- Built-up area detail:-

S. No.	Description	Area (m ²)
1.	Proposed F.A.R.	76,074.59
2.	Non F.A.R. Area • Basement 1 - 9,063.82 • Basement 2 - 20,330.67 • Basement 3 - 20,330.67 • Proposed Area in 15% Facility Area - 11,348.57 (Fire Stair Case + Lift Lobby + Mumty + Machine Room + Lift Shafts + Service Shafts+ Guard Room +Visitor Toilets)	61,073.73
3.	Service Floor Area	3,211.87
Built-Up Area		1,40,360.19

7- POPULATION:-

S. No.	Unit Type	Area(m ²)	Norms	Total Population
1.	Tower A (GF to 24F)	21,690.72		2905
	Ground Floor to 3rd Floor Shops	3,158.17	(@ 3 m ² /person)	1,052
	a) Staff (@ 10%)			105
	b) Visitor (@90%)			947
	4th Floor to 24th Floor Office Area	18,532.55	(@ 10 m ² /person)	1,853
	a) Staff (@90%)			1668
	b) Visitor (@10%)			185
2.	Tower B (B1 to 5F)	10,330.03		3,460

	Basement 1 Hyper Market a) Staff (@ 10%) b) Visitor (@90%)	2,020.83	(@ 3 m ² /person)	674 67 607
	Ground Floor to 2nd Floor Shops a) Staff (@ 10%) b) Visitor (@90%)	4,157	(@ 3 m ² /person)	1,386 139 1247
	3 rd Floor Food Court a) Staff (@ 10%) b) Visitor (@90%)	1,996.37	(@ 3 m ² /person)	665 67 598

8- Water requirement:-

S. No.	Description	Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)
A.	DOMESTIC WATER			
(a)	Staff – (Including Hyper Market, Shops, Stores,	3,682	@ 45	165.7
(b)	Departmental Stores, Office, Food Court,	14,522	@ 15	217.8
(c)	Auditorium, Banquet, Club, Studio Apartments)	598	@ 70	0.6
(d)	Visitor – (Including Hyper Market, Shops, Stores, Departmental Stores, Office, Auditorium, Banquet, Club, Studio Apartments) Visitor– (Food Court) Resident – (Studio Apartments)	240	@ 86	0.3
TOTAL DOMESTIC WATER DEMAND				384.4 say 384 KLD
B.	HORTICULTURE	7,682.76m ²	3 lt/m ² /day	23
C.	DG COOLING (6×2000 kVA + 1×1250 kVA)		0.9 lt./KVA/hr	71.5
D.	HVAC COOLING (12 Hours)	2500 TR	7 lt/Tr/hr	210
GRAND TOTAL (A+B+C+D)				688.5 say 689 KLD

9- WASTE WATER CALCULATION

Domestic Water Requirement	384 KLD
Total Fresh Water Requirement (@ 30 % of domestic)	115.2 KLD
Flushing (@ 70 % of domestic)	268.8 KLD
Wastewater Generated (@ 80% fresh domestic water + 100% flushing)	92.1 + 268.8 = 360.9 say 361 KLD

10- SOLID WASTE GENERATION

S. No.	Category	kg per capita per day	Waste generated (kg/day)
1.	Domestic Waste		
(a)	Staffs	3,682 @ 0.25 kg/day	920.5
(b)	Visitors	15,120 @ 0.15 kg/day	2,268
(c)	Studio Apartment Dwellers	240 @ 0.50 kg/day	120
2.	Landscape waste	@ 0.2 kg/acre/day	0.4

	(1.89 acres)		
3.	STP Sludge		109.7
	TOTAL SOLID WASTE GENERATED		3416.8 kg/day say 3,417 kg/day

11- PARKING PROPOSED

1. Open Parking @ $20 \text{ m}^2 / \text{ECS} = 300/20 = 15 \text{ ECS}$
 2. Second Basement (Mechanical Parking) @ $18 \text{ m}^2 / \text{ECS} = 19,765.10/18 = 1098 \text{ ECS}$
 3. Third Basement (Mechanical Parking) @ $18 \text{ m}^2 / \text{ECS} = 19,765.10/18 = 1098 \text{ ECS}$
- Total Parking Proposed = $15 + 1098 + 1098 = 2211 \text{ ECS}$.

12- RAIN WATER HARVESTING

Type of Area	Area (in m^2)	Coefficient of run-off	Peak rainfall intensity during one hour of rainfall (m)	Rain water harvesting potential/hour ($\text{m}^3 \text{ hr}$)
Roof-top area	10,188	0.85	0.05	432.99
Green Area	7,682.76	0.20	0.05	76.82
Paved Area	7600.24	0.65	0.05	247
Total storm water load on the site with per hour retention is = $756.81 \text{ m}^3/\text{hr}$				
Taking 15 minutes Retention Time, total volume of storm water = $756.81/4 = 189.20$				
Taking the effective diameter and depth of recharge pit as (3 x 3.5) respectively.				
Volume of a single combined structure of recharge pit = $\pi r^2 h = (3.14 \times 1.5 \times 1.5 \times 3.5) = 24.8 \text{ m}^3$ say 25 m^3				
Hence no. of pits proposed				$189.20/25 = 7.5 \text{ Pits}$.
Pits Proposed				7 Pits

13- LANDSCAPE AREA

S. No.	Type of trees	Area (m^2)
1	Area under soft greens (78%)	5,992.55
2	Area under hard greens (22%)	1,690.20
Total Green Area (35.46 % of net plot area)		7,682.769
No of trees		200

Resolution against agenda no-05

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. Provide 8 pit for RWH.
2. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy.
3. Reflecting point should be used on the roof top and side walls of the building tower.
4. 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.
5. 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.
6. 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.

7. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
8. 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.
9. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
10. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
11. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
12. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
13. 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.
14. 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.
15. 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.
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.
38. Reflecting point should be used on the roof top and side walls of the building tower.
39. Structural design certificate vetted by IITs/CBRI should be submitted.
40. Environmental monitoring cell should be provided.

6. Proposed Group Housing at Plot No.- 08/GH-01, Sector- 08, Tehsil & District- Ghaziabad, M/s T & T Infrazone Pvt. Ltd., File No. 4067/Proposal No. (SIA/UP/ NCP /72507/2018)

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 Proposed Group Housing at Plot No.- 08/GH-01, Sector- 08, Tehsil & District- Ghaziabad, M/s T & T Infrazone Pvt. Ltd.
2. Project (Phase 1) is spread over area of 20,772 m² (5.13 acre) and will have a built-up area of 1,24,206.63 m². Total plot area allocated and approved by UP Awasi Vikas Parishad for development entire group housing project (Phase I + Phase II) is 29,625.00 m².
3. As the built-up area of the project is less than 1,50,000 m² hence the project is classified as Category 8 (a) as per EIA Notification.
4. Project involves development of 6 Tower named A, B, C, D, E, and I along with community centre and convenient shops. Tower I has proposed for construction of EWS and LIG units to make the project affordable for weaker or low income group.

5. Total number of dwelling units will be 804 which includes 640 General dwelling units and 164 EWS/LIG Units.

6. Salient features details :

Description	Proposed
Total Plot Area	29,625.00 m ²
Phase 1 Plot Area	20,772.00 m ²
Phase 1 Built-up Area	1,24,206.63 m ²
Green Area allocated for Phase 1	4,688.20 m ² @ 22.57 % of Phase 1 Plot Area
Total Water Requirement	389 KLD
Fresh Water Requirement	253 KLD
Wastewater Generation	310 KLD
Capacity of STP	370 KLD
Solid Waste Generation	2,117 kg/day
Parking Required & Provided	759 ECS & 1087 ECS
Power Demand & Source	2,510 kVA (Uttar Pradesh Power Corporation)
Back up	1,500 kVA (2 x 750 kVA)
RWH Pits	6 pits

7. Phase 1 area statement details :

S. NO.	DESCRIPTION	AREA (m ²)
1.	Total Plot Area (Phase 1+Phase 2)	29,625.00
2.	Plot Area for Phase 1	20,772.00
3.	Total Permissible ground coverage (@35% of Plot Area)	10,368.75
4.	Permissible Ground Coverage for Phase I (@ 35% of Phase I Plot Area)	7,270.20
5.	Proposed ground coverage for Phase 1 (21.88 % of Plot Area)	4,545.79
6.	Total permissible Area For Housing Permissible F.A.R (@ 2.75% of Plot Area) Permissible 5% for Facility of Total F.A.R Area Required Incentive F.A.R for EWS and LIG	83,997.62 74,062.50 3,703.12 6,232.90
7.	Proposed Area Achieved with Facility for Phase 1 Residential Commercial Extra Facility Area in FAR	63,161.22 61,794.39 619.55 747.28
8.	Total Non F.A.R for Phase 1 Upper Basement Area Lower Basement Area 5% Facility Area Balcony Community Area Guard Hut UGT S.T.P E.S.S Mumty & Machine Room Water Tank Fire Stair Case to Basement Fire Stair Case to the Blocks	51,269.67 17,219.59 17,219.59 3,703.12 8918.2 1,289.66 3.20 94.88 145.88 144.23 342.80 308.8 320.25 1,559.47
9.	EWS /LIG AREA (Including their Non- F.A.R)	9,775.74
10.	Phase 1 Built up area (7+8+9)	1,24,206.63
11.	Total Open Area for Phase I	16,226.21

	(@ 78.11 % of Phase I Plot Area)	
12.	Proposed Green Area for Phase I (@22.57% of Phase I Plot Area)	4,688.20
13.	Proposed No. of general Dwelling Units for Phase I	640 Units
14.	Proposed No. of EWS & LIG Dwelling Units for Phase I	164 Units
15.	Total No. Units for Phase	804 Units

8. Built-up area details :

S. No.	Particulars	Area (m ²)
1.	Residential F.A.R	61,794.39
2.	Basement Area	34,439.18
3.	Community Area	1,289.66
4.	Convenient Shops	619.55
5.	Balcony Area	8918.20
6.	5% Facility Areas	3703.12
7.	Extra Facility Area in FAR	747.28
8.	Guard Hut	3.20
9.	ESS Area	144.23
10.	U.G.T. Area	94.88
11.	LIG & EWS Area with Non FAR	9775.74
12.	Mumty & Machine Room	342.80
14.	Water Tank	308.80
15.	S.T.P	145.88
16.	Stairs to Basement	320.25
17.	Fire stair case to blocks	1,559.47
Total		1,24,206.63 m ²

9. Parking required details :

Category	FAR (sqm)/Units	Parking Required	No. of ECS Required
As per GDA Building Bye Laws			
Residents	61,794.39	Unit built- up area above 70 m ² = 1 Unit/ ECS (Total Units= 640) = 1x640	640
LIG Flats	82	1ECS/ 3 LIG Flats =82/3 = 27.3	28
EWS Flats	82	Area required for 1 Two –Wheeler = 2 m ² of EWS Flats = 82x2	164 m ²
Convenient Shops	619	F.A.R Area/ 100 x2 = 619.55/100 x 1.25	8
Community Centre	1289.66	F.A.R/100 x 2 =1289.66/100 x 1.5	19
Visitor Parking		10% of Residential Facilities	64
Total			759 ECS and 164 m ² area for Two- Wheeler

10. Parking proposed details :

S.No	Description	ECS
1	Open Parking	77
2	Upper Basement	505
3	Lower Basement	505
4	Total	1,087 ECS

11. Landscape area details :

- Combination of indigenous evergreen trees and ornamental trees are planned within the project site.
 - Green area will be provided in 4,688.20 m² i.e. 22.57% of the Phase I plot area which will act as a pollution barrier.
 - The plant species will be selected on the basis of DFO recommendation.
 - Hardscape area = 1,359.57 m² (29% of allocated landscape), Softscape area = 3,328.63 m² (71% of allocated landscape)
 - As per MoEFCC norms, no. of trees:
 - = 50 Trees / Hectare
 - = 2.07* 50 trees = 103
- Trees Proposed = 105 Trees**

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

Resolution against agenda no-06

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. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 20016.
11. 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.

12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. No parking shall be allowed outside the project boundary.
18. 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.
19. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
20. For any extraction of ground water, prior permission from CGWB shall be taken.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
28. 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.
29. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.

30. Convenient shops, bank, canteen, post office and medicine shops etc to be provided with in complex.
31. RWH to be done only from root top. Arrangement shall be made that waste water and storm water do not get mixed.
32. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
33. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
34. All the internal drains are to be covered till the disposal point.
35. 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.
36. Reflecting point should be used on the roof top and side walls of this building tower.
37. Structural design certificate vetted by another authority (IIT) should be submitted.
38. Details of the environmental cell should be provided.

7. Proposed Capacity Expansion "Gitti- Stone, Boulder & Khandas Mine at Gata No.- 2098/B, Village- Bhatauti, Tehsil- Meja, District- Allahabad, Shri Chandrika Prasad Lease Area: 6.07 Ha, File No. 4202/Proposal No. (SIA/UP/ MIN /74058/2018)

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

1. The environmental clearance is sought for Proposed Capacity Expansion "Gitti- Stone, Boulder & Khandas Mine at Gata No.- 2098/B, Village- Bhatauti, Tehsil- Meja, District- Allahabad
2. Project details:

1. On-line proposal No.	SIA/UP/MIN/74058/2018		
2. File no. allotted by SEIAA, UP	4202		
3. Name of Proponent	Shri Chandrika Prasad S/O- Late ShriMunnar		
4. Full correspondence address of proponent and mobile no.	R/O- Ibrahimpur, Tehsil- Chunar, District- Mirzapur (U.P.)		
5. Name of Project	"Gitti-Stone, Boulder &Khandas Mine" (Capacity Expansion Project)		
6. Project location (Plot/Khasra/Gate No.)	Gata No. 2098/B		
7. Name of River	NA		
8. Name of Village	Bhatauti		
9. Tehsil	Meja		
10. District	Allahabad		
11. Name of Minor Mineral	Gitti-Stone, Boulder &Khandas		
12. Sanctioned Lease Area (in Ha.)	6.07 Ha		
13. Mineable Area (in Ha.)	5.49 Ha		
14. Zero level mRL	95mRL		
15. Max. & Min mrl within lease area	Highest: 99.50mRL & Lowest: 93.80mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	A	25° 08'53.25"N	82° 02'45.49"E
	B	25° 08'53.09"N	82° 02'45.00"E
	C	25° 08'52.43"N	82°02'45.16"E
	D	25°08'52.34"N	82°02'45.45"E
	E	25°08'52.47"N	82°02'45.56"E
17. Total Geological Reserves	18,19,655m ³		
18. Total Mineable Reserves	16,50,900m ³		

19. Total Proposed Production (in five year)	9,00,000 m ³	
20. Proposed Production/year	4,50,000m ³ / annum	
21. Sanctioned Period of Mine lease	10 Years	
22. Production of mine/day	3750 MT	
23. Method of Mining	Opencast Semi-mechanized Method	
24. No. of Working days	300 Days	
25. Working hours/day	12 hours/day	
26. No. Of Workers	66 Manpower	
27. No. Of vehicles movement/day	312 Units (Assumed Loading Capacity: 10 Tonnes/Unit)	
28. Type of Land	State Government Land	
29. Ultimate Depth of Mining	16 m (99mRL – 83mRL)	
30. Nearest metalled road from site	MandaMeja Link Road 2.5 km, North	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	3.0
	Suppression of dust	1.0
	Plantation	1.0
	Others (if any)	0.5
	Total	5.5 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	QCI/NABET List of Applicant Organizations/ Rev. 43/ March 05, 2018, Sr. No. 355	
33. Any litigation pending against the project or hand in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO Allahabad. Letter No.09-/खनन / 2018-19) dated 03-04-2018	
35. Details of Lease Area in approved DSR	Page No...32... Table No. 21..., Sr. No. 04	
36. Project Cost	Rs. 73.80 Lakhs	
37. Proposed CSR cost	Rs. 3.69 Lakhs (5% of the total project cost)	
38. Proposed EMP cost	Rs. 3.0 Lakhs (Haulage Road Repair & Maintenance, Dust Suppression&Plantation)	
39. Length and breadth of Haul Road	Haul Road Length 2.5 km & Haul Road Width 6 m	
40. No. of Trees to be Planted	100Trees	

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

Resolution against agenda no-07

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

- Submit 6 monthly compliance reports.
- Revised cluster certificate
- Digital photographs of the site.
- Depth status of the mine from BGL.

- 5- 8 year annual production verified by DMO.
- 6- Revised geology of the area.
- 7- Status of recovery certificate if any.

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

8. Proposed Sand/Morrum Mining from Betwa River Bed at Gata No.- 2513, 2629, Khand No.- 02, Village- Kharka, Tehsil- Orai, District- Jalaun, U.P. M/s Saksham Contractors Suppliers, Lease Area: 20.242 ha, File No. 4203/Proposal No. (SIA/UP/ MIN /74060/2018)

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

1. The environmental clearance is sought for Proposed Sand/Morrum Mining from Betwa River Bed at Gata No.- 2513, 2629, Khand No.- 02, Village- Kharka, Tehsil- Orai, District- Jalaun, U.P. M/s Saksham Contractors Suppliers
2. Project details:

1. On-line proposal No.	SIA/UP/MIN/74060/2018		
2. File no. allotted by SEIAA, UP	4203		
3. Name of Proponent	M/s. Saksham Contractors Suppliers ShriDevendra Kumar Gupta		
4. Full correspondence address of proponent and mobile no.	M/s. Saksham Contractors Suppliers ShriDevendra Kumar Gupta S/O- Shiv Kumar Gupta R/O- 160-OM Shanti Nagar, Jhansi,		
5. Name of Project	"Sand/ Moram Mining"		
6. Project location (Plot/Khasra/Gate No.)	Gata No. 2513, 2629 & Khand No. 02,		
7. Name of River	Betwa River		
8. Name of Village	Kharka		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	River Bed Material (Sand/Moram)		
12. Sanctioned Lease Area (in Ha.)	20.242 Ha		
13. Mineable Area (in Ha.)	11.89 Ha		
14. Zero level mRL	98mRL		
15. Max. & Min mrl within lease area	Highest: 101.50mRL & Lowest: 98.00mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	A	25°53'20.08" N	79°34'30.68" E
	B	25°53'09.82" N	79°34'31.42" E
	C	25°53'17.15" N	79°34'52.04" E
	D	25°53'27.47" N	79°34'51.06" E
17. Total Geological Reserves	2,43,300 m ³		
18. Total Mineable Reserves in LOI	2,43,300 m ³ / annum		
19. Total Proposed Production (in five year)	10,12,100 m ³		
20. Proposed Production/year	2,02,420 m ³ /annum		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	810 m ³ /day (1458 MT)		
23. Method of Mining	Opencast Semi-mechanized Method Machineries Required for Exploitation & Transportation of Sand/ Morrum: 1. Excavator/ JCB Backhoe Loader 2. Truck dumper/ tipper		

	3. Other light Vehicles 4. Spade, shovels, mattocks, chisel etc.	
24. No. of Working days	250 Days	
25. Working hours/day	12 hours/day	
26. No. Of Workers	48 Manpower	
27. No. Of vehicles movement/day	121 Units (Assumed Loading Capacity: 10 Tonnes/Unit)	
28. Type of Land	State Government Land	
29. Ultimate Depth of Mining	1.7 m	
30. Nearest metalled road from site	Kharka- Dadari Link Road, 4.5 km, NW	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	2.2
	Suppression of dust	3.0
	Plantation	2.0
	Others (if any)	0.3
	Total	7.5 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	QCI/NABET List of Applicant Organizations/ Rev. 43/ April 05, 2018, Sr. No. 355	
33. Any litigation pending against the project or hand in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO Jalaun. Letter No. 1062/ खनिज-एमएमसी-30 दिनांक 22 मार्च 2018	
35. Details of Lease Area in approved DSR	Page No...53... Table No.....Nil, Sr. No. 17	
36. Project Cost	Rs. 40.54 Lakhs	
37. Proposed CSR cost	Rs. 2.03 Lakhs	
38. Proposed EMP cost	Rs. 3.75 Lakhs (Haulage Road Repair & Maintenance, Dust Suppression & Plantation)	
39. Length and breadth of Haul Road	Haul Road Length 4.5 km & Haul Road Width 6 m	
40. No. of Trees to be Planted	105 Trees per Year	

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

Resolution against agenda no-08

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. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. 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.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.

7. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. 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.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. A CSR plan with minimum 5% 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, Jalaun, U.P.
15. 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, Jalaun, U.P.
16. 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.
17. 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.
18. 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.
19. Width of the haul road shall be more than 6 meter.
20. 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.

9. Proposed “Ordinary Sand Mining”Project in Yamuna River, Gata No.-282, 283, 284, 246, 247 to 252, 237 to 239, 234, 235, 236, 240 to 244, 194 to 209, 210, 211, 212, 182 to 187, 253 Mi, 245, 229, 228 Mi, 213, 214 Mi, 233 Mi, 230 Mi, Village- Badarpur, Tehsil- Loni, District- Ghaziabad, U.P, M/s Shri Vinay Kumar, Lease Area: 7.28 ha, File No. 4204/Proposal No. (SIA/UP/ MIN /74067/2018)

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 Proposed River Sand/Morrum Mining for Ken River at Gata No.-195/1, Production (6,60, 000 cum), Village-Lahureta, Tehsil-Narani, Banda, U.P., M/s Katayani Natural Resources Ltd.
2. Project Details:-

1. On-line proposal No.	SIA/UP/MIN/74067/2018
2. File No .allotted by SEIAA,UP	4204
3. Name of Proponent	Shri Vinay Kumar S/o Shri Narsingh Singh
4. Full correspondence address of proponent and mobile no.	R/o- Saketpuri Road No.-1, Hanuman Nagar, Disrict- Patna, Bihar
5. Name of Project	Ordinary Sand Mining Project
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 282, 283, 284, 246, 247 to 252, 237 to 239, 234, 235, 236, 240 to 244, 194 to 209, 210, 211, 212, 182 to 187, 253Mi, 245, 229, 228Mi,

	213, 214Mi, 233Mi, 230Mi														
7. Name of River	Yamuna														
8. Name of Village	Badarpur														
9. Tehsil	Loni														
10. District	Ghaziabad														
11. Name of Minor Mineral	Ordinary Sand														
12. Sanctioned Lease Area (in Ha.)	7.28 ha														
13. Mineable Area (in Ha.)	6.35 ha														
14. Zero level mRL	202.0 mRL														
15. Max. & Min mrl within lease area	210.0 mRL NE- 206.0 mRL SW														
16. Pillar Coordinates (Verified by OMO)	28° 46' 16.67" N to 28° 46' 32.43" N 77° 13' 36.33" E to 77° 13' 51.47" E														
17. Total Geological Reserves	2,54,800 m ³														
18. Total Mineable Reserves in LOI	1,45,687 m ³ Annum														
19. Total Proposed Production	1,45,687 m ³ / Annum														
20. Proposed Production for 5 year	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>1,45,687 m³ Annum</td></tr> <tr> <td>2nd</td><td>1,45,687 m³ Annum</td></tr> <tr> <td>3rd</td><td>1,45,687 m³ Annum</td></tr> <tr> <td>4th</td><td>1,45,687 m³ Annum</td></tr> <tr> <td>5th</td><td>1,45,687 m³ Annum</td></tr> <tr> <td>Total</td><td>7,28,435 m³</td></tr> </tbody> </table>	Year	Production	1 st	1,45,687 m ³ Annum	2 nd	1,45,687 m ³ Annum	3 rd	1,45,687 m ³ Annum	4 th	1,45,687 m ³ Annum	5 th	1,45,687 m ³ Annum	Total	7,28,435 m ³
Year	Production														
1 st	1,45,687 m ³ Annum														
2 nd	1,45,687 m ³ Annum														
3 rd	1,45,687 m ³ Annum														
4 th	1,45,687 m ³ Annum														
5 th	1,45,687 m ³ Annum														
Total	7,28,435 m ³														
21. Sanctioned Period of Mine lease	5 Years														
22. Production of mine/day	647 m ³														
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method / Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF & CC, GOI)														
24. No. of working days	225 days														
25. Working hours/day	8 Hours/Day														
26. No. Of workers	45														
27. No. Of vehicle movement /day	72														
28. Type of Land	Govt. land Non Agriculture														
29. Ultimate Depth of Mining	2.50 Meter														
30. Nearest metalled road from site	0.80 km														
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.45</td></tr> <tr> <td>Suppression of dust</td><td>9.60</td></tr> <tr> <td>Plantation</td><td>0.77</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>10.82</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.45	Suppression of dust	9.60	Plantation	0.77	Others(if any)	-----	Total	10.82		
PURPOSE	REQUIREMENT (KLD)														
Drinking	0.45														
Suppression of dust	9.60														
Plantation	0.77														
Others(if any)	-----														
Total	10.82														
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.83 Period of Validity- Up to 23 July 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. 1191/Khanan./e- Nibida with e-tendering/ 2017, dated 12.03.2018														
35. Details of Lease Area in approved DSR	Page No. 54, Table No. 15, S.No. 3														
36. Proposed CSR cost	3.41 Lakh														
37. Proposed EMP cost	12.54 Lakh														
38. Length and breadth of Haul Road.	Length-0.8 Km, Width- More than 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-09

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. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. 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.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. 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.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. A CSR plan with minimum 5% 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, Ghaziabad, U.P.
15. 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, Ghaziabad, U.P.
16. 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.
17. 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.
18. 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.
19. Width of the haul road shall be more than 6 meter.
20. 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.

10. Area: 41.85 Acres (16.937 ha) River Sand/Morrum Mining Project at Khand No.-15, Gata No.-1846, 1930, 188, 204, 206, 182, 1183, 1226, 1129, 1229 1232, 544, 545, 546, 578, 74 Village- Kaimaha, Jyoraiya Khayoraiya, Digriya Sijriya, Tehsil- Mohoba, District- Mohoba, U.P., M/s Shri Raghav Ji Granite Industries., Lease Area: 16.937 Ha, File No. 4211/Proposal No. (SIA/UP/ MIN /74148/2018)

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

1. The environmental clearance is sought for River Sand/Morrum Mining Project at Khand No.-15, Gata No.-1846, 1930, 188, 204, 206, 182, 1183, 1226, 1129, 1229 1232, 544, 545, 546, 578, 74 Village- Kaimaha, Jyoraiya Khayoraiya, Digriya Sijriya, Tehsil- Mohoba, District- Mohoba, U.P., M/s Shri Raghav Ji Granite Industries.
2. Project Details:-

1. On-line proposal No.	SIA/UP/MIN/ 74148/2018		
2. File No. allotted by SEIAA, UP	4211		
3. Name of Proponent	M/s Shri Raghav Ji Granite Industries		
4. Full correspondence address of proponent and mobile no.	R/O-Rajendra Nagar Kabrai Mahoba U.P.		
5. Name of Project	Area 41.85 Acres (16.937 Ha) River Sand/Morrum Mining Project at Khand no.-15 Gata no.-1846, 1930, 188,204, 206, 182, 1183, 1226, 1129, 1229,1232, 544, 545,546, 578, 74 Village- Kaimaha, Jyoraiya Khayoraiya Digriya Sijriya Tehsil & District- Mahoba. U.P		
6. Project Location(Plot.Khsra/Gata No.)	Khand No15/ Gata No-1846, 1930, 188,204, 206, 182, 1183, 1226, 1129, 1229,1232, 544, 545,546, 578, 74		
7. Name of River	Urmil River		
8. Name of Village	Kaimaha, Jyoraiya Khayoraiya Digriya Sijriya		
9. Tehsil	Mahoba		
10. District	Mahoba		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.937 Ha		
13. Mineable Area (in Ha.)	11.99 Ha		
14. Zero level mRL	208.50. mRL		
15. Max. & Min mRL within lease area	213. mRL in W & 211.0mRL inE		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°07'22.1”N	79°46'47.0”E
	B	25°07'21.19”N	79°46'46.40”E
	C	25°06'21.43”N	79°49'40.72”E
	D	25°06'20.0”N	79°49'39.33”E
17. Total Geological Reserves	5,06,400 m ³ /Annum		
18. Total Mineable Reserve in LOI	49,500m ³ /Annum		
19. Total Proposed Production	49,500 m ³ /Annum		
20. Proposed Production in 5 Years			
	Year	Production	
	1 st	49,500 m ³ /Annum	

	2 nd	49,500 m ³ /Annum	
	3 rd	49,500 m ³ /Annum	
	4 th	49,500 m ³ /Annum	
	5 th	49,500 m ³ /Annum	
	Total	2,47,500m ³	
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	220 m ³ /Day		
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF & CC ,GOI)		
24. No. of working days	225 Days		
25. Working hours/day	8 Hours		
26. No. of worker	32 Worker		
27. No. of vehicles movement/day	24 Trucks / Day		
28. Type of Land	River Bed (Govt. Land)		
29. Ultimate of Depth of Mining	1.0 m		
30. Nearest metalled road from site	3.47 Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.32	
	Suppression of dust	12.0	
	Plantation	1.80	
	Others (if any)		
	Total	14.12 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.83 Period of Validity- Up to 23 July 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	2841/MMC-30(2017-2018) Dated-28-03-2018		
35. Details of Lease Area in approved DSR	Given Table on Page No-50 At Sr. No. 15		
36. Proposed CSR cost	3.72 Lac		
37. Proposed EMP cost	16.58 Lac		
38. Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road		

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-10

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. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. 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.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. 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.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. A CSR plan with minimum 5% 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. Width of the haul road shall be more than 6 meter.
20. 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.

11. Proposed River Sand/Morrum Mining for Ken River at Gata No.-195/1, Production (6,60, 000 cum), Village-Lahureta, Tehsil-Narani, Banda, U.P., M/s Katayani Natural Resources Ltd., Lease Area: 33.0 Ha, File No. 4209/Proposal No. (SIA/UP/ MIN /23991/2018)

Resolution against agenda no-11

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 online on prescribed portal. The file shall not be treated as pending at SEAC.

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

12. Proposed Mining of “Sand” (Minor Mineral) at Gata No.-290 min, 301 min, 303 min, 304 min, 310 min, 311 min, 314 min, M.L. Area : 12.512 ha, Village-Pachayra Block-2, Tehsil- Loni, District- Ghaziabad, U.P., M/s Deep Builders., Lease Area: 12.512 Ha, File No. 4210/Proposal No. (SIA/UP/ MIN /23992/2018)

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 online on prescribed portal. 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 having lease area- 25.29 ha (62.49 acre) along River Ken in Gata No.- 176 mi, 172 Ga, 182 and 187 at Village- Amlorkhadar, Tehsil- Pailani, District- Banda, U.P.,M/s J K S Mining Services Pvt. Ltd., Lease Area: 25.29 ha, File No. 4215/Proposal No. (SIA/UP/ MIN /24246/2018)

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 having lease area- 25.29 ha (62.49 acre) along River Ken in Gata No.- 176 mi, 172 Ga, 182 and 187 at Village- Amlorkhadar, Tehsil- Pailani, District- Banda, U.P.,M/s J K S Mining Services Pvt. Ltd., Lease Area: 25.29 ha.

2- Project details-

1. On-line proposal No.	SIA/UP/MIN/24246/2018		
2. File No. allotted by SEIAA, UP	4215		
3. Name of Proponent	Sri Jay Kumar Singh		
4. Full correspondence address of proponent and mobile no.	Jay Kumar Singh S/o Shivpal Singh R/o Gadhi, Mawaiya, District – Fatehpur, Uttar Pradesh		
5. Name of Project	M/s J K S Mining Services private Limited		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 176mi, 172ga, 182 and 187		
7. Name of River	Ken		
8. Name of Village	Amlorkhadar		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand mining		
12. Sanctioned Lease Area (in ha)	25.29 ha (62.49 acre)		
13. Mineable Area (in ha)	25.29 ha		
14. Zero level mRL	91.0		
15. Max. & Min mRL within lease area	Highest mRL is 98.4* in North Lowest mRL is 94.8* in South		
16. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°44'59.76"N	80° 21'29.63"E
	B	25°44'56.90"N	80° 21'30.33"E
	C	25°43'37.67"N	80° 21'13.05"E
	D	25°43'36.87"N	80° 21'12.33"E

17. Total Geological Reserves	1191032 m ³	
18. Total Mineable Reserves in LoI	505800 m ³	
19. Total Proposed Production	2529000 m ³ (5 years)	
20. Proposed Production/year	505800 m ³ /annum	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2023 m ³ / day	
23. Method of Mining	Opencast/ Semi-Mechanized using scrapper, Loaders (Light Machines)	
24. No. of working days	250	
25. Working hours/day	8 hrs	
26. No. of workers	70	
27. No. of vehicles movement/day	202	
28. Type of Land	Govt./Non Forest Land	
29. Ultimate Depth of Mining	3.0m	
30. Nearest metallad road from site	0.50km	
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) 106 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-77 dated 04.04.2018	
35. Details of Lease Area in approved DSR	Page No- 65 Table No- 70	
36. Proposed CSR cost	1.76 lac	
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-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 having lease area:46.00 ha (113.66 Acre) along River Ken in Gata No.- 176 (Part) 179, 180 , 177, 147 (Part),144 (Part), 141 (Part), 143, 145, 142, 122, 121, 114 (Part),and 117(Part), (Block No.-06) at Village- Sandikhadar, Tehsil- Pailani, District- Banda, U.P., M/s Silver Line Auto Mobiles, Lease Area: 46.00 ha, File No. 4216/Proposal No. (SIA/UP/ MIN /24268/2018)

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 having lease area:46.00 ha (113.66 Acre) along River Ken in Gata No.- 176 (Part) 179, 180 , 177, 147 (Part),144 (Part), 141 (Part), 143, 145, 142, 122, 121, 114 (Part),and 117(Part), (Block No.-06) at Village- Sandikhadar, Tehsil- Pailani, District- Banda, U.P., M/s Silver Line Auto Mobiles, Lease Area: 46.00 ha.

2- Project Details:-

1. On-line proposal No.	SIA/UP/MIN/24268/2018		
2. File No. allotted by SEIAA, UP	4216		
3. Name of Proponent	Sri Deobrat Singh		
4. Full correspondence address of proponent and mobile no.	Sri Deobrat Singh S/o Late Shri Dasrath Singh R/o Dasrath Singh Building, Gali No. 02, Ward No 05 Mukhtiyarganj, Raghurajnagar, Satna, Madhya Pradesh - 485001		
5. Name of Project	M/s Silver Line Auto Mobiles		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 176 (Part), 179, 180, 177, 147 (Part), 144 (Part), 141 (Part), 143, 145, 142, 122, 121, 114 (Part) and 117 (Part), (Block No. 06)		
7. Name of River	Ken		
8. Name of Village	Sandikhadar		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand mining		
12. Sanctioned Lease Area (in ha)	46.00 ha (113.66 acre)		
13. Mineable Area (in ha)	46.00 ha.		
14. Zero level mRL	91.6		
15. Max. & Min mRL within lease area	Highest mRL is 98.45* in North Lowest mRL is 94.50* in South		
16. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°40'44.82"N	80°18'30.97"E
	B	25°40'45.55"N	80°18'34.38"E
	C	25°41'37.09"N	80°18'33.25"E
	D	25°41'40.16"N	80°18'26.74"E
17. Total Geological Reserves	1865957 m ³		
18. Total Mineable Reserves in LoI	9,20,000 m ³		
19. Total Proposed Production	4600000 m ³ (5 years)		
20. Proposed Production/year	9,20,000 m ³ /annum		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	3680 m ³ / day		
23. Method of Mining	Opencast/ Semi-Mechanized using scrapper, Loaders (Light Machines)		
24. No. of working days	250		

25. Working hours/day	8 hrs	
26. No. of workers	116	
27. No. of vehicles movement/day	360	
28. Type of Land	Govt./Non Forest Land	
29. Ultimate Depth of Mining	3.0m	
30. Nearest metalled road from site	0.75km	
31. Water Requirement	PURPOSE	REQUIREMENT(KLD)
	Drinking	3.50
	Suppression of dust	4.00
	Plantation	2.00
	Others (if any)	0.00
	Total	9.50
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 106 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-3667 dated 30.03.2018	
35. Details of Lease Area in approved DSR	Page No- 65 Table No- 69	
36. Proposed CSR cost	2.60 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-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. Proposed River bed Sand/Morrum Mining Project from Betwa River for M/s Kaushaly Chaubey Contractor located at Khand No.- 17/5, Village- Sahjana, Tehsil- Hamirpur, District- Hamirpur, U.P., Lease Area: 12.145 ha, File No. 4219/Proposal No. (SIA/UP/MIN /24388/2018)

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 Betwa River for M/s Kaushaly Chaubey Contractor located at Khand No.- 17/5, Village- Sahjana, Tehsil- Hamirpur, District- Hamirpur, U.P.

2. Project details:

39. On-line proposal No.	SIA/UP/MIN/24388/2018		
40. File No. allotted by SEIAA, UP	4219		
41. Name of Proponent	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey		
42. Full correspondence address of proponent and mobile no.	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey W/o Brajesh Kumar R/o Village - Tauriyapura, Tehsil - Kulpahar, District - Mahoba, Uttar Pradesh.		
43. Name of Project	Sand/Morrum Mining		
44. Project location (Plot/Khasra/Gata No.)	Khand No. 17/5		
45. Name of River	Betwa		
46. Name of Village	Sahjana		
47. Tehsil	Sadar		
48. District	Hamirpur		
49. Name of Minor Mineral	Sand/Morrum		
50. Sanctioned Lease Area (in ha)	12.145 ha		
51. Mineable Area (in ha)	8.045 ha		
52. Zero level mRL	91 mRL		
53. Max. & Min mrl within lease area	101 mRL and 91 mRL		
54. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E
	C	25°56'52.24"N	80° 7'15.18"E
	D	25°56'50.18"N	80° 7'8.87"E
	Workable Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.96"N	80° 7'1.50"E
	C	25°56'52.24"N	80° 7'15.18"E
	D	25°56'50.18"N	80° 7'8.87"E
	E	25°56'56.25"N	80° 7'5.07"E
	F	25°56'57.84"N	80° 7'11.55"E
55. Total Geological Reserves	6,07,250 m ³		
56. Total Mineable Reserves in LOI	1,45,728 m ³ /year		
57. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,45,728 m ³ /year (7,28,640 m ³ in 05 years)		
58. Proposed Production/year	1,45,728 m ³		
59. Sanctioned Period of Mine lease	5 years		

60. Production of mine/day	529.92 m ³ /day												
61. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 												
62. No. of working days	275 days												
63. Working hours/day	12 hours												
64. No. Of workers	Approximately 52 labours												
65. No. Of vehicles movement/day	59 units												
66. Type of Land	Government Waste Land (Revenue land)												
67. Ultimate Depth of Mining	3 m												
68. Nearest metalled road from site	SH 91 (Hamirpur-Kalpi Marg): 0.45 km* (N)												
69. Water Requirement	<table> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> <tr> <td>Drinking</td><td>0.52</td></tr> <tr> <td>Suppression of dust</td><td>11.22</td></tr> <tr> <td>Plantation</td><td>0.03</td></tr> <tr> <td>Others (if any)</td><td>-</td></tr> <tr> <td>Total</td><td>11.77 KLD</td></tr> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.52	Suppression of dust	11.22	Plantation	0.03	Others (if any)	-	Total	11.77 KLD
PURPOSE	REQUIREMENT (KLD)												
Drinking	0.52												
Suppression of dust	11.22												
Plantation	0.03												
Others (if any)	-												
Total	11.77 KLD												
70. 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.												
71. Any litigation pending against the project or land in any court	None												
72. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.												
73. Details of Lease Area in approved DSR	Page No 61; Table No. 20												
74. Proposed CSR cost	5% of total project cost i.e. Rs7,02,297/-												
75. Proposed EMP cost & Total Project Cost	Rs. 30,17,495/- & Rs. 1,40,00,000/-												
76. Length and Width of Haul Road	1870 m Length and 6 m width												
77. No. of Trees to be Planted	61												

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

Resolution against agenda no-15

The committee discussed the matter and directed to defer the matter in absence of cluster certificate in next SEAC meeting to present the full presentation regarding the project.

16. Durendi Sand/Morrum Mining Project from Ken River at Gata No.-5029, 5030 Ka, 5093 Ka, 5094 Ka, & 5097 Block No.-15, Village- Durendi, Tehsil & District- Banda., M/s Raman Sokhal, Lease Area: 20.00 ha, File No. 4220/Proposal No. (SIA/UP/ MIN /24431/2018)

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

1. The environmental clearance is sought for Durendi Sand/Morrum Mining Project from Ken River at Gata No.-5029, 5030 Ka, 5093 Ka, 5094 Ka, & 5097 Block No.-15, Village- Durendi, Tehsil & District- Banda., M/s Raman Sokhal.

2. Project details:

1. On-line proposal No.	SIA/UP/MIN/ 24431/2018		
2. File No. allotted by SEIAA, UP	4220		
3. Name of Proponent	Shri Raman Sokhal (Proprietor).		
4. Full correspondence address of proponent and mobile no.	B-74 Shakti Apartment Sector-19 Rohini, Delhi.		
5. Name of Project	Durndi Sand/Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	5029 5030क, 5093क, 5094क & 5097 Block No- 15		
7. Name of River	Ken River		
8. Name of Village	Dhuredi		
9. Tehsil	Banda		
10. District	District Banda, Uttar Pradesh		
11. Name of Minor Mineral	Ordinary Sand Mining		
12. Sanctioned Lease Area (in Ha.)	20.00 ha		
13. Mineable Area (in Ha.)	11.75 ha submerged area, 7.24, 1.01 ha safety zone		
14. Zero level mRL	97 mRL		
15. Max. & Min mrl within lease area	104 mRL & 98.0 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude N	Longitude E
	A.	25°26'27.87"N	80°17'46.00"E
	B.	25°26'23.64"N	80°17'56.61"E
	C.	25°26'4.79"N	80°17'53.52"E
	D.	25°26'59.05"N	80°17'47.07"E
	E.	25°26'58.71"N	80°17'44.05"E
	F.	25°26'59.75"N	80°17'38.98"E
	G.	25°26'21.20"N	80°17'42.54"E
17. Total Geological Reserves	442820 m ³		
18. Total Mineable Reserves in LOI	4,00,000 m ³ per annum		
19. Total Proposed Production (in five year)	20,00,000 m ³ 36,00,000 tone		
20. Proposed Production/year	4,00,000 m ³ per annum or 7,20,000 TPA		
21. Sanctioned Period of Mine lease	20-03-2018		
22. Production of mine/day	2880 TPD		
23. Method of Mining	Opencast Semi-Mechanized/Mechanized		
24. No. of working days	250		
25. Working hours/day	8		
26. No. Of workers	75		
27. No. Of vehicles movement/day	144		
28. Type of Land	Govt Land		
29. Ultimate Depth of Mining	3 m		

30. Nearest metalled road from site	NH-76	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.0 KLD
	Suppression of dust	7.5 KLD
	Plantation	1.5 KLD
	Others (if any)	
	Total	10.0 kld
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=31-01-2019	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 3492/khanij -30, Banda e tender sah e nilami 2017-18 dated. 20-03-2018	
35. Details of Lease Area in approved DSR	Page No.60, Table No. 22	
36. Proposed CSR cost	RS-3,00,000/-	
37. Proposed EMP cost	Capital Rs-6,00,000/- recurring cost- Rs 5,40,000/-	
38. Length and breadth of Haul Road	1200m, 6 m	
39. No. of Trees to be Planted	1200 Plants	

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

Resolution against agenda no-16

The committee discussed the matter and directed to defer the matter in absence of Geo-coordinates verified by DMO in next SEAC meeting to present the full presentation regarding the project.

17. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Chaudhary Traders located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village-Amlaur Khadar, Tehsil- Pailani, District- Banda, , Lease Area: 25.29 ha, File No. 4227/Proposal No. (SIA/UP/ MIN /25126/2018)

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:-

- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Chaudhary Traders located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village-Amlaur Khadar, Tehsil- Pailani, District- Banda,
- Project details:

1. On-line proposal No.	SIA/UP/MIN/25126/2018
2. File No. allotted by SEIAA, UP	4227
3. Name of Proponent	M/s Chaudhary Traders

	Shri Girraj Kumar Sharma S/o Shri Ramji Lal Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Traders Proprietor- Shri Girraj Kumar Sharma S/o Shri Ramji Lal Sharma R/o Sakha Colony, Parasad Gali, Morena Road, Ambah , District - Morena, Madhya Pradesh (476111)		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 38, 38, 50, 177 & 176Mi		
7. Name of River	Ken River		
8. Name of Village	Amlor Khadar		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	25.29 ha		
13. Mineable Area (in ha)	25.29 ha		
14. Zero level mRL	88 mRL		
15. Max. & Min mrl within lease area	97 mRL and 88 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Workable Lease Area		
	A	25°44'48.73"N	80°21'10.68"E
	B	25°44'49.49"N	80°21'8.60"E
	C	25°45'5.40"N	80°21'48.37"E
	D	25°44'55.76"N	80°22'23.76"E
	A	25°44'49.89"N	80°22'22.30"E
	D	25°44'50.05"N	80°22'20.51"E
	E	25°44'56.26"N	80°22'20.59"E
	F	25°44'56.92"N	80°22'17.78"E
	G	25°44'49.12"N	80°22'17.90"E
	H	25°44'50.16"N	80°22'12.60"E
	I	25°44'53.54"N	80°22'4.40"E
	J	25°45'0.13"N	80°22'6.70"E
	K	25°44'53.64"N	80°22'3.95"E
	L	25°44'53.44"N	80°22'0.85"E
	M	25°45'0.70"N	80°22'3.84"E
	N	25°44'53.59"N	80°22'0.34"E
	O	25°44'53.65"N	80°21'59.80"E
	P	25°45'1.02"N	80°22'2.56"E
	Q	25°44'48.73"N	80°21'10.68"E
	R	25°44'49.49"N	80°21'8.60"E
	Non-Workable Area		
	S	25°44'55.07"N	80°22'26.14"E
	T	25°44'54.10"N	80°22'30.10"E

	U	25°44'50.63"N	80°22'30.13"E
	V	25°44'50.07"N	80°22'26.82"E
17. Total Geological Reserves	8,58,595 m ³		
18. Total Mineable Reserves in LOI	5,15,157 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,05,800 m ³ /year (25,29,000 m ³ in 05 years)		
20. Proposed Production/year	5,05,800 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1839.28 m ³ /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 70 labours		
27. No. Of vehicles movement/day	205 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metallad road from site	Tindwara Pailani Sumerpur Marg :5.5 km*(E)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.70
	Suppression of dust		6.0
	Plantation		0.06
	Others (if any)		-
	Total		6.76 KLD
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 65; Table No. 22		
36. Proposed CSR cost	5% of total project cost i.e. Rs 7,20,631/-		
37. Proposed EMP cost & Total Project Cost	Rs. 33,29,170/- & Rs. 1,44,12,620/-		
38. Length and Width of Haul Road	1000 m Length and 6 m width		
39. No. of Trees to be Planted	126		

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-17

The committee discussed the matter and directed to defer the matter in absence of Geo-coordinates verified by DMO in next SEAC meeting to present the full presentation regarding the project.

18. Construction of Additional Tankage (2x600 KL Ethanol & 2x600 KL Bio-Diesel) at Agra Terminal, Site :- Village - Bhikampur, Satta & Surhera, Tehsil- Etmadpur, District- Agra, M/s Indian Oil Corporation Ltd., File No. 3871/Proposal No. (SIA/UP/IND2 /21015/2018)

Resolution against agenda no-18

The committee discussed the matter and directed the project proponent to submit justification regarding the project for exemption of public hearing should be submitted.

19. Construction of Additional Tankage (1 Nos MS, Capacity- 7000 KL) at Meerut Terminal within existing plant at IOCL, Meerut, U.P., M/s Indian Oil Corporation Ltd., File No. 3954/Proposal No. (SIA/UP/ IND2 /21489/2018)

Resolution against agenda no-19

The committee discussed the matter and directed the project proponent to submit justification regarding the project for exemption of public hearing should be submitted.

20. Proposed River Bed Sand/Morrum Mining Project from Burma River for M/s Manish Ojha Building Material Supplier and Contractor, located at Khand No.-7 Gata No.- 739 & 721/10, Village- Bijrari Mahua Itaura, Tehsil- Kulpahar, District- Mahoba, U.P., Lease Area: 10 ha (24.71 acre), File No. 4248/Proposal No. (SIA/UP/ MIN /73761/2018)

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 for M/s Manish Ojha Building Material Supplier and Contractor, located at Khand No.-7 Gata No.- 739 & 721/10, Village- Bijrari Mahua Itaura, Tehsil- Kulpahar, District- Mahoba, U.P.

2. Project details:

1. On-line proposal No.	SIA/UP/MIN/73761/2018
2. File No. allotted by SEIAA, UP	4248
3. Name of Proponent	M/s Manish Ojha Building Material Supplier and Contractor Proprietor- Shri Manish Ojha
4. Full correspondence address of proponent and mobile no.	M/s Manish Ojha Building Material Supplier and Contractor Proprietor- Shri Manish Ojha S/o Shri Ramdev Prasad Ojha R/o Shyam colony, Vishunipur District- Balrampur, U.P.271201
5. Name of Project	Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 07, Gata No. 739 & 721/10
7. Name of River	Burma
8. Name of Village	Bijrari Mahua Itaura
9. Tehsil	Kulpahar
10. District	Mahoba
11. Name of Minor Mineral	Morrum
12. Sanctioned Lease Area (in ha)	10 ha
13. Mineable Area (in ha)	10ha
14. Zero level mRL	164 mRL

15. Max. & Min mrl within lease area	170 mRL and 165 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'57.44"N	79°30'11.07"E
	B	25°24'0.51"N	79°30'14.24"E
	C	25°23'27.18"N	79°30'15.11"E
	D	25°23'26.41"N	79°30'12.46"E
	E	25°23'49.27"N	79°30'16.96"E
	F	25°23'36.60"N	79°30'12.99"E
	G	25°23'39.24"N	79°30'9.07"E
H	25°23'50.15"N	79°30'14.29"E	
17. Total Geological Reserves	3,50,000 m ³		
18. Total Mineable Reserves in LOI	27,000 m ³ /year		
19. Total Proposed Production	27,000 m ³ /year (1,35,000 m ³ in 05 years)		
20. Proposed Production/year	27,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	98 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Chain based Bulldozer for rescue & salvage• Loader• Truck & tractors for transportation		
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	11 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) -1.0 km* (E)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	12.0	
	Plantation	0.03	
	Others (if any)	-	
	Total	12.55 KLD	
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 Hamirpur Letter No.2836 / 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 29,37,750/- & 1,37,00,000/-		

38. Length and Width of Haul Road	1000 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-20

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. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. 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.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. 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.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. A CSR plan with minimum 5% 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.
15. 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.
16. 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.
17. 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.
18. 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.

19. Width of the haul road shall be more than 6 meter.
20. 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.

21. Proposed Sand/Morrum (Minor Mineral) Mining Project for Ken River at Gata No.- 1141 Part (12.796 ha), 1137, 1136, 1123/2, 1125, 1127, 1131, 1132, Production (7,40, 000 cum), M.L. Area-37.0 ha, Village- Bhurendi, Tehsil- Banda, District- Banda, U.P., M/s Katayani Natural Resources Ltd., Sanctioned Lease Area: 37.0 Ha , File No. 4208/Proposal No. (SIA/UP/ MIN / 23916/2018)

Resolution against agenda no-21

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 online on prescribed portal. The file shall not be treated as pending at SEAC.

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

22. Group Housing at Plot No.- GH-3&4, Sector- 4A, Vrindavan Yojna Part-2, District- Lucknow, U.P. File no- 3762

The committee noted that the matter was earlier discussed in SEAC meeting dated 27/12/2017 wherein the project proponent was directed as follows:

1. As committed during the presentation regarding the adoption of FAB technology for STP, undertaking should be submitted in this regard.
2. Submit existing STP details along with the analysis report.
3. Revise STP plan.
4. MSW plan should be submitted.
5. Plan for organic waste converter at the site.
6. At least one sample of Base line data should be submitted.
7. Total cost of the project and 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.

Put the matter in next SEAC meeting with replies.

The project proponent submitted their replies through letter dated 20-04-2018. A presentation was made by Shri Ritulesh Kumar, Authorized Signatory, 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 expansion of Group Housing project located at Plot No GH – 3 & 4, Sector 4A, Vrindavan Yojna Part 2, Lucknow, U.P
2. The proposed expansion comprises of addition of one tower in existing one (B+S+14) due to increase in built-up area.
3. The total plot area of the project is 11,968.525 sqm and Built-up area is 53584.79 sqm.
 - Previous Built-up Area – 18491.65 sqm (as per approval letter from AVP)
 - Proposed Built-up Area – 35093.14 sqm
4. The site has been notified for Residential purposes as per Master Plan 2021 of Lucknow Development Authority.

5. Comparative area details:

S.No.	Items	Existing Details (sqm) A	Proposed Details (sqm) B	Total (sqm) A+B
1	Plot Area	11968.25		11968.25
2	Ground Coverage	1572.60	2053.4	3626.00
3	FAR	15769.29	25505.97	41275.26
4	Stilt		3577.93	3577.93
5	Basement	2722.36	6009.24	8731.6
6	Builtup Area	18491.65	35093.14	53584.79
7	Units	160	238	398
8	Floors	B+10 th floor	B+S+14 th Floor	
9	Area utilization	2 Towers	1 Tower	3 Towers
10	Green Area	2205.7	1965.3	4171 (35% of plot area)

6. FAR and Non FAR Detail:

	Items	Existing Details (sqm) A	Proposed Details (sqm) B	Total (sqm) A+B	Percentage (%)
FAR		15769.29	25505.97	41275.26	77.03
Non FAR	Stilt Parking		3577.93	3577.93	6.67
	Basement	2722.36	6009.24	8731.6	16.30
Total Built-up Area				53584.79	100.00

7. TOWER WISE DETAILS :

Particulars	Previous	Proposed (Expansion)	Height
Towers	Tower 1 (B+S+10)		30 m
	Tower 2 (B+S+10)		30 m
		Tower 3 (B+S+14)	46 m

8. Land use details:

Items	Total (sqm)	Percentage (%)
Ground Coverage	3626.00	30.30
Green Area	4171.0	34.85
Road/Paved Area	2632.96	22.00
Open Area (MSW, DG, Sub Station)	1538.29	12.85
Total Area	11968.25	100.00

9. Salient Features of Proposed Project:

Description	Details
Total area of extent	11,968.525
Total built up area	53584.79
Total no. of parking provided	610 ECS
Source of water supply	Municipal water supply
Water requirement	195 KLD
Quantity of wastewater generation	156 KLD
Treatment system for wastewater	185 KLD (STP)
Power requirement and generation	2500 kVA from Uttar Pradesh Power Corporation Limited
Solid waste generation	Residential - 1040 kg/day Horticulture waste – 13 kg/day STP sludge – 39 kg/day

10. Water calculation details:

S. No.	Description	unit/Area (in m2)	Total Occupancy (@ 5/unit)	Rate of fresh water demand (lpcd)	Total Fresh Water (KD)	Total Flushing/ Recycled water (KLD)	Total Water Requirement (KLD)
1.	Residential	398	1,990	Fresh Water @ 65 LPCD Flushing Water @ 21 LPCD	130	42	172
2.	Staff	5%of total pop.	100	Fresh Water @ 30 LPCD Flushing Water @ 15 LPCD	3	1.5	4.5
3.	Visitors	10%of total pop.	200	Fresh Water @ 5 LPCD Flushing Water @ 10 LPCD	1	2	3
A. Total water					134	45.5	179.5 ~ 180
4	Green area	3,590 sqm	1 l/sqm			4	4
5	Cooling water for DG sets	1250 kVA	0.9 l/KVA/Hr (@ 8 hrs)			9	9
B. 13 KLD							
Total (A+B) = 193 KLD							
6	Fire fighting	1% of total water demand				1.93 KLD ≈ 2 KLD	
Grand Total					195 KLD		

11. Parking details:

Basement parking (8,731.6/32)	273 ECS
Stilt parking (3,577.93/28)	128 ECS
Surface parking (4807/23)	209 ECS
Parking provided	610 ECS

12. Solid waste generation details:

S. No.	Particulars	Population	Waste generated kg/day
1	Residential (@ 0.5 Kg/day)	1,990	995
2	Visitors (@ 0.15 Kg/day)	200	30
3	Staff (@ 0.15 Kg/day)	100	15
Total Solid Waste Generated			Approx. 1040 kg/day
Horticulture waste (@ .0036/sq/day)			13
E-Waste (0.15 Kg/C/Yr)			< 1.0
STP Sludge			39

13. Green area details:

Total open area= (Plot area- Ground coverage)

= 11968.25 – 3626.00 sqm

= 8342.25 sqm (69.70 % of plot area)

Green area: 4171 m² (50% of open & 34.85 % of plot area)

- ✓ Required Nos. of Trees = Total Open Area/80sqm = 104 nos.
 - ✓ Proposed Nos. of Trees = 120 nos.
 - ✓ Out of the total trees proposed, 50% are evergreen trees and 50% are ornamental trees, having moderate height.
14. The project proposals are covered under category 8"a" of EIA Notification, 2006, as amended.

Resolution against agenda no-22

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. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 20016.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.

17. No parking shall be allowed outside the project boundary.
18. 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.
19. Surface rain water has to be collected in kaccha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
20. For any extraction of ground water, prior permission from CGWB shall be taken.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
28. 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.
29. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
30. Convenient shops, bank, canteen, post office and medicine shops etc to be provided with in complex.
31. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
32. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
33. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
34. All the internal drains are to be covered till the disposal point.
35. 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.

23. Proposed Sand Mining Project in Ganga River At Gata no. 10, Village- Gangli Masharq, Tehsil- Kaimaganj, District- Farrukhabad, U.P., Leased Area 7.366 ha. File No. 4154/Proposal No. (SIA/UP/MIN/73458/2018)

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

- 1- The environmental clearance is sought for Proposed Proposed Sand Mining Project in Ganga River At Gata no. 10, Village- Gangli Masharq, Tehsil- Kaimaganj, District- Farrukhabad, U.P., Leased Area 7.366 ha.

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/73458/2018	
2. File No. allotted by SEIAA, UP	4154	
3. Name of Proponent	Mr. Suresh Chandra Dani	
4. Full correspondence address of proponent and mobile no.	Gujajali Vichali, Haldwani, Nainital, Uttarakhand-263139 Mobile no-09718579906	
5. Name of Project	Ordinary Sand Mining Project	
6. Project location (Plot/Khasra/Gata No.)	Gata no-10	
7. Name of River	Ganga	
8. Name of Village	Gangli Masharq	
9. Tehsil	Kaimaganj	
10. District	Farrukhabad	
11. Name of Minor Mineral	Ordinary Sand	
12. Sanctioned Lease Area (in Ha.)	7.366	
13. Mineable Area (in Ha.)	6.464	
14. Zero level mRL	142	
15. Max. & Min mrl within lease area	Max 146.00 and Min 142.00	
16. Pillar Coordinates (Verified by DMO)	A 27° 34' 26.61"N 79° 28' 53.93"E B 27° 34' 23.79"N 79° 29' 11.08"E C 27° 34' 16.85"N 79° 29' 5.75"E D 27° 34' 18.48"N 79° 28' 57.15"E	
17. Total Geological Reserves	201750 m ³	
18. Total Mineable Reserves in LOI	73660 m ³ / year	
19. Total Proposed Production (in five year)	368300 m ³	
20. Proposed Production/year	73660 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	295 m ³	
23. Method of Mining	Open Cast Method	
24. No. of working days	250	
25. Working hours/day	8	
26. No. Of workers	48	
27. No. Of vehicles movement/day	Three vehicles (10 trips a day)	
28. Type of Land	River Bed, Non Forest Land	
29. Ultimate Depth of Mining	Maximum 1.14 m	
30. Nearest metalled road from site	Hullapur Shamsabad Road	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	14.4
	Suppression of dust	3.6
	Plantation	0.5

	Others (if any)	-
	Total	Approx 18.0
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Enviro Infra Solutions Pvt. Ltd Certificate No- NABET/EIA/1619/IA 0018 Validity – November 09, 2019	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No- 521 dated-22/03/2018	
35. Details of Lease Area in approved DSR	Details provided in Page No-6 and Table No-2 of DSR	
36. Proposed CSR cost	Rs. 2, 85, 000/- per year	
37. Proposed EMP cost	Rs. 12, 21, 000/- per year	
38. Length and breadth of Haul Road	1000 m and 5 m	
39. No. of Trees to be Planted	50	

3- The project proposals are covered under category 8"a" of EIA Notification, 2006, as amended.

Resolution against agenda no-23

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. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. 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.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. 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.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. A CSR plan with minimum 5% 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, Farrukhabad, U.P.

15. 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, Farrukhabad, U.P.
16. 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.
17. 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.
18. 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.
19. Width of the haul road shall be more than 6 meter.
20. 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.

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Mishra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Prof. D.P. Singh)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Ramesh Chand Kataria)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Kumar Mandal)
Member

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

(Prof. S.K. Upadhyay)
Member

**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.

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 unworked 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_{2.5}, PM₁₀, SO_x and NO_x), 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 PM₁₀ 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 project 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 be 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. 15-
 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.