

Minutes of 496th SEAC Meeting Dated 01/10/2020

The 496th meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19) on 01/10/2020. Following members were participate in the online meeting:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr.Ajoy Kumar Mandal,	Member
7.	Shri Rajive Kumar,	Member
8.	Shri MerajUddin,	Member

The Chairman welcomed the members to the 496th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

- 1. CBTWF in Muzzafarnagar at Khasra No.-539/3, Village-Makhivali, Muzafarnagar., M/s Rudra Waste Management (P) Ltd. File No. 5832/Proposal No.SIA/UP/MIS/56459/2020**

RESOLUTION AGAINST AGENDA NO-01

The project proponent/consultant did not circulate the documents to the members of SEAC. Hence, the committee directed to defer the matter. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal

- 2. Cement Grinding Unit for Proposed Production of 2.0 MTPA at Khasra No.-1164K, 1165K, 1168, 1170, 1140Kha, 1162Ga, 1167mi, Village-Nagardeeh, District-Gautam Buddha Nagar, U.P. M/s Kanodia Cement Ltd.,File No. 5847/5078/Proposal No.SIA/UP/IND/56666/2019**

RESOLUTION AGAINST AGENDA NO-02

The SEAC noted that the project proponent/consultant has mentioned wrong address of site location. Hence the committee discussed and directed to defer the matter to next SEAC meeting.

- 3. "Noida Convention and Habitat Centre" at Sector-94, Noida,. M/s New Okhila Industrial Development Authority,File No. 5824/5650//Proposal No.SIA/UP/MIS/6467/2020**

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 "Noida Convention and Habitat Centre" at Sector 94, Noida, Uttar Pradesh by New Okhla Industrial Development Authority.

- 2- The Terms Of Reference in the matter were issued by SEIAA, U.P. vide letter no. 243/Parya/SEAC/5650/2018 dated 18/08/2020.
- 3- Final EIA report submitted by the project proponent dated 11-09-2020.
- 4- The proposed Project having the total plot area of 97,000 square meter, pocket area of Phase-1 41,735 square meter and Builtup Area will be 1,58,189.68 square meter.
- 5- The proposed project comprises of Max. No. of floors 2B+LG+UG+31 including 03 Nos Service Floors.
- 6- One season baseline data collected for the period Dec, 2019 to Feb, 2020.
- 7- Salient features of the project:

Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	97000	m2
2	Pocket Area of Phase - 1	41735	
3	Proposed Built Up Area	158189.68	m2
4	Max Height of Building (Habitat Block)	155.5	M
5	Max No of Floors- Habitat Block (Including 3 Nos Service Floors)	2B+LG+UG+31	No.
6	Expected Population (All Floating)	19279	No.
7	Cost of Project	684	Cr
8	Proj Activity In Phase -1 : Convention & Habitat Centre - Exhibition halls, Conference Halls, Banquet Halls, Auditoriums, Training Halls, Food Court, Fine Dining, etc.		
AREAS			
9	Proposed Ground Coverage Area	8600	m2
10	Permissible FAR Area (472.5)	458325	m2
11	Proposed FAR Area	54100	m2
12	Proposed Total Non FAR Areas	104089.68	m2
13	Proposed Total Built Up Area	158189.68	m2
WATER			
14	Total Water Requirement	880.34	Kld
15	Fresh water requirement	301.00	Kld
16	Treated Water Requirement	579.35	Kld
17	Waste water Generation	505.07	Kld
18	Proposed Capacity of STP	610	Kld
19	Treated Water Available for Reuse	454.56	Kld
20	Treated Water Recycled	579.35	Kld
21	Discharge to Municipal Sewer	Zero	Kld
22	Additional treated water required	124.79	Kld
RAIN WATER HARVESTING			
23	Rain Water Harvesting - Recharge Pits	24	No.
PARKING			
24	Proposed Total Parking	3579	ECS
25	Parking on Surface	20	ECS
26	Parking in Basements	3559	ECS
GREEN AREA			
28	Proposed Green Area	6000	m2
WASTE			
30	Total Solid Waste Generation	3.13	TPD
31	Organic waste	1.90	TPD

32	Quantity of Sludge Generated from STP	35	KG/DAY
ENERGY			
33	Total Power Requirement	6365	kVA
34	Gas Based Generator set Power backup	6410	kVA
35	No of Gas Based Generator Sets	4	No.

8- Area details of the project:-

S. No.	Particulars	Area (m ²)
1	Total Plot area	97000 m ²
2	Pocket area of Phase-1	41735 m ²
3	Permissible F.A.R. (472.5)	458325 m ²
4	Proposed F.A.R Area	54100 m ²
5	Proposed Total Non FAR Areas	104089.68 m ²
6	Proposed Total Built Up Area	158189.68 m ²
7	Landscape Area	6000 m ²
8	Maximum Height of the Building	155.5 M

9- Water requirement details:-

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN kl
OFFICE/ CONVENTION CENTRE (Working)			
DOMESTIC	7368	25	184.19
FLUSHING	7368	20	147.35
VISITORS			
DOMESTIC	11090	5	55.45
FLUSHING	11090	10	110.90
FOOD COURT			
DOMESTIC	461	25	11.52
FLUSHING	461	10	4.61
FINE DINING			
DOMESTIC	361	55	19.84
FLUSHING	361	15	5.41
TOTAL POPULATION	19279		
	Area in sqm		
GARDENING	6000	4	24
	KVA		
GG COOLING	6410	0.9	23.08
	Tonnage		
AIRCONDITIONING	3300	10	264
WATER BODY/FOUNTAIN	1		10
FILTER BACKWASH		LS	20
TOTAL WATER REQUIREMENT			880

10- Waste water details:-

Domestic water requirement	121 KLD
Total Fresh water requirement	301 KLD
Flushing	268 KLD
Waste water generated	237 + 268 = 505 say 505 KLD
STP capacity	610 KLD

11- Solid waste/other waste Details:-

Waste Category	Quantity	Unit
Total Waste Generation	3.13	TPD
Organic Waste Generation	1.90	TPD
Sludge Generation	35	kg/Day

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

RESOLUTION AGAINST AGENDA NO-03

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

1. Anti-smog gun should be used during construction/operation phase.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. 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.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. Organic waste converter should be installed.
13. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
14. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
15. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
16. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.

17. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
18. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
19. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out and report submitted to SEIAA, U.P.
20. 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.
21. 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.
22. The solid waste generated should be properly collected and segregated. Dry/inert solidwaste should be disposed off to the approved sites for land filling after recoveringrecyclable material.
23. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
24. No parking shall be allowed outside the project boundary.
25. 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 inhorticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (tothe extent possible) so that natural drainage system of the area is protected andimproved.
26. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
27. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fightingequipments etc. as per National Building Code including measures from lighting.
28. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
29. The diesel generator sets to be used during construction phase should be low sulphurdiesel type and should conform to Environments (Protection) Rules prescribed for airand noise emission standards.
30. 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.
31. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines includingselection of plant species and in consultation with the local DFO/ Agriculture Dept.
32. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
33. 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.

34. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
35. All the internal drains are to be covered till the disposal point.
36. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
37. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

4. Group Housing "SushantAquapolis" at Village- Doondaherra, Tehsil- Loni, District- Ghaziabad, U.P., M/s Ansal Properties & Infrastructure Ltd., File No. 5831/5715/Proposal No.SIA/UP/MIS/56492/2020

A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Private Limited.

RESOLUTION AGAINST AGENDA NO-04

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

1. Details of submission of previous 06 months compliance report
2. Photographs of Green belt development.
3. Site photographs with date and coordinate.
4. Since this is township and area development project in which area for different purposes has been allotted, Details of separate ECs obtained till date as per the provision of EIA Notification 2006 (as amended) should be submitted for Group housing & commercial development and other activity.
5. Details of individual built-up area more than 20,000 square meters in this township should be provided.
6. The quantity of water being used is more than the permission obtained.
7. Affidavit for change of project proponent.
8. Monitoring period for baseline data is not mentioned in form-2.

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

5. Jaypee Greens, Sports City East Part III, Sector- 19 , District-Gautam Buddha Nagar,U.P., M/s JaypeeInfraTechLtd., File No. 5835/5529/Proposal No.SIA/UP/MIS/56579/2020

RESOLUTION AGAINST AGENDA NO-05

The project proponent/consultant requested to defer the matter in next SEAC meeting. The committee discussed and directed to defer the matter as per request made by the project proponent. The matter will be discussed only after submission of online request on prescribed online portal.

6. Township and area Development at Khasra No.-1/2m, 2 to 24,25/m, 26m, 27m, 28, 29, 30/m, 31/m, 37m, 38m, 39m, 40m, 41m, Jhandapur, Ghaziabad and Khasra No.- 4974/1m, Pasonda Ghaziabad &Khasra No.-448/m, 450/m, 451, 452/1, 453/1, 454, 455/2m, 455/3m, 457, 458m, 460m, 463m, 465/1m, 466m, 467m, & 468/2m, Jagola, District-Ghaziabad, U.P., M/s Durga Enterprises Pvt. Ltd., File No. 5856/5746/Proposal No.SIA/UP/MIS/56851/2020

A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Private Limited.

The proponent, through the documents submitted and the presentation made informed the committee that:-

- 1- The environmental clearance is sought for "Durga Industrial Park" at Khasra No.- 1/2m, 2 to 24,25/m, 26m, 27 m, 28, 29, 30/m, 31/m, 37m, 38m, 39m, 40m, 41 m, Jhandapur, Ghaziabad and Khasra No.-4974/1m,Pasonda Ghaziabad &Khasra No.- 448/m, 450/m, 451, 452/1, 453/1, 454, 455/2m, 455/3m, 457, 458m, 460m, 463m, 465/1m, 466m, 467m, & 468/2m, Jagola,Ghaziabad, U.P., M/s Durga Enterprises Pvt. Ltd.
- 2- The Terms Of Reference in the matter were issued by SEIAA, U.P. vide letter no. 374/Parya/SEAC/5746/2020 dated 09/10/2020.
- 3- Final EIA report submitted by the project proponent dated 21-09-2020.
- 4- Salient Features of the project :

S.No.	FEATURES	PROPOSED PROJECT
1.	Total Plot Area	2,02,259.01 (49.97 acres)
2.	Net Plot Area	1,95,885.18 (48.40 acres)
3.	Built-up Area	1,81,763.576 m ²
4.	Total No. Plots	366 plots
5.	Green Area	19,588.72 m ² @10% of net total plot area
6.	Estimated Water Requirement with source Construction Phase Operational Phase	2544.69 KL from near by CSTP Total Water requirement:- 600 KLD Freshwater= 349 KLD through Municipal Supply Recycled water = 362 KLD (In-House CSTP)
7.	Estimated wastewater generation and treatment	452 KLD (STP with capacity of 550 KLD based on MBBR)
8.	Power Demand and Source Power Back-up	14,475kVA PaschimanchalVidyutVitran Nigam Ltd. 1 no. of D.G Sets capacity of 125 kVA)
9.	Solid Waste Generation	4387 kg/day
10.	RWH Pits	381 pits
11.	Project Cost	15 Crore
12.	Project Completion Date	December, 2025

- 5- Area Details of the project:

S. No.	Description of Area	Area (m ²)	Area (Acre)
1.	Plot Area	2,02,259.01	49.97
2.	Area in Road Widening	6,373.83	1.57
3.	Net Plot Area (1-2)	1,95,885.18	48.40
4.	Area of Industrial Plots	1,21,877.88	30.11
5.	Area for Internal Roads	53,182.97	13.14
6.	Proposed Plot F.A.R. Area	180261.44	--
7.	Facilities Area	1502.136	--
	i. Creche = 500.31		
	i. Canteen = 241.82		
	i. STP Area Phase-I & II = 760		
8.	Total Built-up Area (7+8)	181763.576	--
9.	Required Green Area (10% of	19,588.52	4.84

	Net Plot Area)		
10.	Proposed Green Area	19,588.72	4.84
11.	Total No. of Industrial Plots	366 number of Plots	

6- Population Breakup :

S. No	Description	F.A.R. Area (m ²)	Norms	Population
1.	Industrial Plots Staff (90%) Visitor (10%)	1,80,261.44	1 person/10Sq.M	18026 16224 1802
2.	Creche Staff (90%) Visitor (10%)	500.31	1 person/3 m ² area	167 150 17
3.	Canteen Staff (90%) Visitor (10%)	241.82	1 person/3 m ² area	81 73 8
	Total Population			18274

7- Water Calculation Details:

S. No.	Description	Occupancy	Rate of Water Demand (lpcd)	Total Water Requirement (KLD)
1.	Staff	16447	30	493.41
2.	Visitors	1827	15	27.405
Total Domestic Water Demand				520.815 say 521 KLD
3.	Horticulture	19,589.38	4 l/m ² /day	78.35say79 KLD
Total Water Requirement (1 + 2 + 3)				600 KLD

8- Waste Water Details:

Domestic Water requirements	521 KLD
Fresh water requirements (67% of Domestic Water)	349 KLD
Flushing water requirements (33% of Domestic Water)	172 KLD
Wastewater Generation(80% Fresh + 100 Flushing)	279.2 + 172 = 451.2 says 452 KLD
STP Capacity	550 KLD

9- Solid Waste Details:

S. No.	Category	Population/Area	Kg per capita per day	Waste Generated (kg/day)
1.	Staff	16447	@0.25 kg/day	4111.75
2.	Visitors	1827	@0.15 kg/day	274.05
Total Domestic Waste Generated				4385.8 say 4386 Kg/Day
3.	Landscape Waste	4.84 acre	0.2 Kg/acre/day	0.968
Total Solid Waste Generated				4386.968say 4387 Kg/Day

10- The parking areas will be planned according to the requirements include parking for commercial vehicles, parking trucks for loading and unloading needs of the industries etc. Parking areas would be provided by the respective industrial units within their allocated plots.

- 11- The project proposal falls under category – 8(b) as per the MoEF&CC notification dated 14/09/2006 (as amended).

RESOLUTION AGAINST AGENDA NO-06

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
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 area development including the peripheral green area. 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 area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. Organic waste converter should be installed.
12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out and report submitted to SEIAA, U.P.
19. 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.
20. 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.
21. The solid waste generated should be properly collected and segregated. Dry/inert solidwaste should be disposed off to the approved sites for land filling after recoveringrecyclable material.
22. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. 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 inhorticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (tothe extent possible) so that natural drainage system of the area is protected andimproved.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fightingequipments etc. as per National Building Code including measures from lighting.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
28. The diesel generator sets to be used during construction phase should be low sulphurdiesel type and should conform to Environments (Protection) Rules prescribed for airand noise emission standards.
29. 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.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines includingselection of plant species and in consultation with the local DFO/ Agriculture Dept.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. 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.
33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
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 paint should be used on the roof top and side walls of the building tower for cooling effect.

7. Expansion of Group Housing "Shere Shalimar Mannat" at Khasra No.-52, 53, 54A, 54B, 55, 59, 105, 110-119, 121, 123 at Village-Muhammadpur Nawabganj, District-Barabanki, U.P., M/s Shalimar Corp. Ltd., File No. 5865/5724/Proposal No.SIA/UP/MIS/174782/2020

RESOLUTION AGAINST AGENDA NO-07

A presentation was made by the project proponent along with their consultant M/s ENV DAS (India) Pvt. Ltd. The committee discussed the matter and directed to submit the following information regarding the project:

1. Details of submission of previous 06 months compliance report.
2. Photographs of Green belt development.
3. Site photographs with date and coordinate.
4. Baseline ambient air/water monitoring quality data and details of incremental concentration of pollutants is arbitrary. It should be revised and submitted.
5. Surface water sample analysis report is to be revised.
6. The EMP budget in case of horticulture/plantation is arbitrary.
7. Trees cutting permission should be submitted.
8. Comparative details of resource and pollution load should be provided.
9. Porosity of sand and silt correlation data does not match.
10. Justification that constructed wetland technology for STP treatment is efficient than the latest/existing technology should be submitted.

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

8. Manufacturing Unit of Water Purifier & Other Kitchen Appliances and other health care products on plot No- 003, Setor-159, Noida, U.P, M/s Kent Ro System Ltd., File No. 5825/Proposal No.SIA/UP/MIS/172830/2020

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. As per undertaking submitted by project proponent the title of the proposed manufacturing Unit has been changed from Manufacturing Unit of Water Purifier & Other Kitchen Appliances and other health care products to manufacturing Unit of Water Purifier, Kitchen Appliances & Other Healthcare Appliances at Plot No. 003 Sector - 159, Noida, Uttar Pradesh by M/S Kent RO Systems Ltd.
2. The proposed Project having the plot area of 20,284 square meter and Built-up Area will be 26,291 square meter.
3. The proposed project having a 02 Nos. of blocks comprises of Max. No. of floors G+2.
4. Salient features of the project:-

SN	Description	Particulars	Unit
GENERAL			
1	Plot Area	20284	SQM

2	Proposed Built Up Area	26291	SQM
3	Number of Building Blocks	1	NOS
4	Max Height of Building	15	M
5	Max No of Floors	G+2	NOS
6	Cost of Project	45	CR
7	Expected Population	675	PERSONS
8	Permissible Ground Coverage Area (55%)	11156.2	SQM
9	Proposed Ground Coverage Area	9273.83	SQM
10	Permissible FAR Area	20284.00	SQM
11	Proposed FAR Area	23248.09	SQM
12	Non FAR, & Other areas	3042.60	SQM
13	Proposed Built Up Area	26291	SQM
WATER			
14	Total Water Requirement	33.45	KLD
15	Fresh water requirement	10.15	KLD
16	Waste water Generation	27.42	KLD
17	Proposed STP Capacity	30	KLD
18	Treated Water Available for Reuse	22	KLD
19	Recycled Water	23.30	KLD
20	Additional treated water required	1.3	KLD
RAIN WATER HARVESTING			
21	Rain Water Harvesting Potential	173.44	CUM
22	No of RWH of Pits Proposed	4	NOS
PARKING			
23	Total Parking required	234	ECS
24	Total Proposed Parking	238	ECS
25	Proposed Surface	238	ECS
GREEN AREAS			
27	Required Green Area	2752.54	SQM
28	Proposed Green area (19.27% of plot area)	3910.14	SQM
WASTE GENERATION			
29	Municipal Solid Waste Generation	0.20	TPD
30	Bio Degradable waste	0.12	TPD
31	Quantity of Sludge Generated from STP	8.55	KG/DAY
POWER			
32	Total Power Requirement	400	KW
33	DG set backup	600	KVA

5. Area details of the project :-

S. No.	Particulars	Area (m ²)
1	Total Plot area	20284 m ²
2	Permissible F.A.R.	20284 m ²
3	Proposed F.A.R Area	23248.09 m ²
4	Other Non F.A.R Area	3042.60 m ²
5	Total Built- Up Area	26291 m ²
6	Landscape Area @19.27 % of Plot Area	3910.14 m ²
7	Maximum Height of the Building	15 M

6. Water requirement details:-

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
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NON RESIDENTIAL (Working)			
DOMESTIC	645	15	10
FLUSHING	645	30	19
VISITORS			
DOMESTIC	30	5	0.15
FLUSHING	30	10	0.30
TOTAL POPULATION	675		
	Area in sqm		
GARDENING	3910.14	1	4
TOTAL WATER REQUIREMENT			33.45

7. Waste water details:-

Domestic water requirement	29.45 KLD
Total Fresh water requirement	10.15 KLD
Flushing	19.30 KLD
Waste water generated (@ 80% fresh domestic water + 100% flushing)	8.12 + 19.30 = 27.42 say 27.42 KLD
STP capacity	30 KLD

8. Solid waste/other waste Details:-

Waste Category	Quantity	Unit
Total Waste Generation	0.20	TPD
Organic Waste Generation	0.12	TPD
Sludge Generation	8.55	kg/Day

9. The project proposal falls under category – 8(a) as per the MoEF&CC notification dated 14/09/2006 (as amended)

RESOLUTION AGAINST AGENDA NO-08

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
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 area development including the peripheral green area. 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 area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. Organic waste converter should be installed.
12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out and report submitted to SEIAA, U.P.
19. 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.
20. 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.
21. The solid waste generated should be properly collected and segregated. Dry/inert solidwaste should be disposed off to the approved sites for land filling after recoveringrecyclable material.
22. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. 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 inhorticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (tothe extent possible) so that natural drainage system of the area is protected andimproved.

25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. 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.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
28. 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.
29. 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.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. 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.
33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
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 paint should be used on the roof top and side walls of the building tower for cooling effect.

9. Multiplex "Himalaya City Centre" at Khasra No.- 542, 540, 544, 537 & 538, Village-Noor Nagar, District-Ghaziabad., M/s R.B. Infraestate Pvt. Ltd., File No. 5827/Proposal No.SIA/UP/MIS/172738/2020

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

1. The Environmental clearance is sought for "Multiplex Himalaya City Centre" at Khasra No. 524, 540, 544, 537 & 538 at village Noornagar, Ghaziabad by M/s R.B. Infrastructure Pvt. Ltd.
2. Salient features of the project

S. No.	Description	Area (m ²)
1.	Plot area	23,823.32
2.	Area Under Road	1935.05
3.	Net Plot Area	21888.27
4.	Mandatory 5% layout green	1094.41
5.	Net Development Area	20793.856
6.	Permissible Ground Coverage (@ 60% of total	12,476.31

	plot area)	
7.	Proposed Ground Coverage (@ 46.4% of net development area)	9650.21
8.	Permissible FAR (@ 1.5 of the net development area)	31190.784
9.	Proposed FAR of all Floors(@ 1.5 of the net development area)	31190.38
	Theater	21833.08
	Commercial	9357.300
10.	Non FAR at floors	1523.52
11.	Basement	31880.26
	Lower	15940.13
	Upper	15940.13
12.	Non FAR at surface	365.89
	Guard room	3.2
	UG Tank	207.06
	STP	82.27
	ESS	73.36
	Meter Room	40.66
13.	Total Built-up Area	64,960.05
14.	Additional green belt area	1094.41
15.	Height of Building	25.65 meter

3. Population Detail :-

S. No.	Occupancy	Description	Units/Area	Total Population
	Commercial	Street Floor	3 Sqm/persons for 9236.79 sqm area	3079
	Commercial	Upper Floors	6 Sqm/persons for 21773 sqm area	3629
1.	Commercial total			6708
	Visitors			6037
	Staff			671
2.	Multiplex Visitor	--	1148 seats	1148
	Total Population			7856
	Staff			671
	Visitors			7185

4. Water requirement:-

S. No.	Category	Standards (LPCD)	Population/Area (m ²)/Capacity	Water requirement (KLD)	Fresh water requirement (KLD)	Recycled water requirement (KLD)
1.	Staffs	45	671	30	17	13
2.	Visitors	15	7185	108	36	72
Total Domestic Water Demand				138	53	85
3.	Landscape	3 l/m ²	1094.41sq m	4	0	4
4.	HVAC Cooling			26	0	26
	Total Water Requirement			168	53	115

5. Parking Detail :-

S. No.	Category	Standard	FAR (sq m)	Parking Required (ECS)
1.	Commercial	1 ECS/50sq m of FAR	9357.3	212.67
2.	Multiplex Audi	1 Car/10 seats	1149 seats	114.9
3.	Other commercial activities	1 ECS/50sq m of FAR	18203.77	364.0754
Total Parking Provided				691.65 ~692 cars

6. Solid Waste Generation:-

Category	Standard (kg/day)	Population/Area in acre	Waste generated (kg/day)	Recyclable (kg/day)- @30% of waste generated	Non-recyclable (kg/day)- @60% of waste generated
Staff	0.25	671	76	23	53
Visitors	0.15	7185	486	146	340
Landscape waste	0.2 kg/acre	1094.41 sq m/0.27 acres	1	1	0
STP Sludge	--	--	12	12	0
Total Municipal Waste Generation			575	182	393

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

RESOLUTION AGAINST AGENDA NO-09

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

- Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
- 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.
- 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
- 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.
- Permission from local authority should be taken regarding discharge of excess water into the sewer line.
- 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.
- "Consent for Establishment" shall be obtained from UP Pollution Control Board.
- All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
- Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
- Organic waste converter should be installed.

12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out and report submitted to SEIAA, U.P.
19. 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.
20. 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.
21. The solid waste generated should be properly collected and segregated. Dry/inert solidwaste should be disposed off to the approved sites for land filling after recoveringrecyclable material.
22. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. 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 inhorticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (tothe extent possible) so that natural drainage system of the area is protected andimproved.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fightingequipments etc. as per National Building Code including measures from lighting.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
28. The diesel generator sets to be used during construction phase should be low sulphurdiesel type and should conform to Environments (Protection) Rules prescribed for airand noise emission standards.
29. 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.

30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. 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.
33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
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 paint should be used on the roof top and side walls of the building tower for cooling effect.

10. "Palm Emporio, at Khasra No.,132, 1136, 1141, 1142, 1143, 1148, 1137, 1139, 1140, 1138, 1033, 1047, 1046, 1043 & 1034, Tal Ramgarh, Deoria By Pass Road at District-Gorakhpur, U.P. ,File No. 5845/Proposal No.SIA/UP/MIS/173698/2020

A presentation was made by 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 "Palm Emporio Mall at Khasra No. 1132, 1136, 1141, 1142, 1143, 1148, 1137, 1139, 1140, 1138, 1033, 1047, 1046, 1043, 1034, Mauja Ramgarh Taal, District- Gorakhpur, Uttar Pradesh.
2. Salient features of the project:

Plot area	20980.00 m ²
Built-up Area	67310.48 m ²
Total Expected Population	10943 Persons
Source of water supply	Municipal water supply
Electricity supply	33 KV
Total Consumption of Water	266.99 KLD
Total MSW generated	1962 Kg/Day
STP capacity	260 KLD
No of Rain Water Harvesting Pit	7 nos.
Transit centers	1 no
Total Project Cost	245 Crore
Time of Completion	2024
Building Height	B+G+5

3. Land use details:

S.N.	Particulars	Area (m ²)	Percentage (%)
1.	Ground Coverage	9042.00	43.10
2.	Hard Green Area	3118.14	14.86

3.	Soft Green Area	3356.8	16.00
4.	Open Parking Area	1506.47	7.18
5.	Road Area	3956.59	18.86
Total Plot Area		20980	100

4. Parking details:

Parking provisions			
Particulars	Area in m2	Parking Area as per norms	ECS provided
Open Area	1506.47	23 m2	65
Stack Basement Area	12424.37	-	
Basement Circulation Area	5546.37	-	
Parking Provision	6878.0	14.48 m2	475
Total ECS			540

5. Water requirement details:

S.No	Water use	Population	Per Capital in (LPCD)	Water Requirement (KLD)	Waste Water Generation (KLD)
1	Hotel Guest	196	86	16.85	13.48
2	Staff	2221	45	99.94	79.95
3	Visitors	8526	15	127.93	102.34
Domestic Water Requirement				244.72	195.77
4	Green Area	6474.94	1.0 l/m ²	6.47	-
5	D.G. Set	4390 KVA	0.9 l/KVA/4 hr	15.80	-
Total water Requirement				266.99	195.77

6. Municipal solid waste generation details:

S.no.	Description	Population	Per capita MSW generation as per GRIHA (Kg/day)	Total MSW generation (Kg/day)	Biodegradable /Compostable (50%) (Kitchen and garden waste)	Recyclable (18%) (metals, glass, paper, plastics)	Non-compostable (32%) (inert wastes)
1	Hotel Guest	196	0.65	127.4	63.7	22.93	40.76
2	Staff	2221	0.25	555.25	277.63	99.94	177.68
3	Visitors	8526	0.15	1279.35	639.68	230.28	409.39
Total				1962	981.01	353.15	627.84

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

RESOLUTION AGAINST AGENDA NO-10

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
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 area development including the peripheral green area. 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.
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8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
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- board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
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 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 paint should be used on the roof top and side walls of the building tower for cooling effect.

11. Commercial Building at Plot No.-SC-01/C5, Sector-79, Noida., ShriPratap Singh Rathi, M/s Three C City Developers Pvt. Ltd., File No.5855/Proposal No.SIA/UP/MIS/174450/2020

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 Commercial Building At Plot No:SC-01/C5, Sector -79, Noida, Uttar Pradesh by M/s Three C City Developers Pvt. Ltd.

- 2- The proposed commercial building Project having the plot area of 20,000 square meter and Built-up Area will be 54,496.78 square meter.
- 3- The proposed project comprises of Max. No. of floors B+LG+UG+3.
- 4- Salient features of the project:-

Sl. No.	Description	Total Quantity	Unit
GENERAL			
1	Plot Area	20000	SQMT
2	Proposed Built Up Area	54496.782	SQMT
3	Max Height of Building (Upto terrace)	27.6	m
4	Max No of Floors	B+LG+UG+3	No.
5	Expected Population (All Floating)	12522	No.
6	Cost of Project	167.7	Cr
7	Proj Activity: Commercial -Retail, Multiplex, Food Court Restaurant, Club etc.		
AREAS			
8	Permissible Ground Coverage Area	9755	m2
9	Proposed Ground Coverage Area	9167.26	m2
10	Permissible FAR Area	27537	m2
11	Proposed FAR Area	27118	m2
12	Non FAR areas - Service Areas	3971.04	m2
13	Proposed Total Non FAR Areas	23408.04	m2
14	Proposed Total Built Up Area	54496.78	m2
WATER			
15	Total Water Requirement	499	kld
16	Fresh water requirement	154	kld
17	Treated Water Requirement	345	kld
18	Waste water Generation	273	kld
19	Proposed Capacity of STP	330	kld
20	Treated Water Available for Reuse	246	kld
21	Treated Water Recycled	346	kld
22	Discharge to Municipal Sewer	Zero	kld
23	Additional treated water required	99	kld
RAIN WATER HARVESTING			
24	Rain Water Harvesting - Recharge Pits	7	No.
PARKING			
25	Total Parking Required as / Building Bye Laws	550.74	ECS
26	Proposed Total Parking	636	ECS
27	Parking on Lower Ground	204	ECS
28	Parking in Basements	432	ECS
GREEN AREA			
29	Required Green Area	5416.37	m2
30	Proposed Green Area (27.08%)	5417	m2
WASTE			
31	Total Solid Waste Generation	1.84	TPD
32	Organic waste	0.96	TPD
33	Quantity of Hazardous waste Generation	3.2	LPD
34	Quantity of Sludge Generated from STP	19	KG/DAY
ENERGY			
35	Total Power Requirement	3517	kVA
36	DG Set for Power backup	4530	kVA
37	No of DG Set	6	No.

- 5- Area details of the project

S. No.	Particulars	Area (m ²)
1.	Total Plot area	20000 m ²
2.	Permissible F.A.R.	27537 m ²
3.	Proposed F.A.R Area	27118 m ²
4.	Non FAR areas - Service Areas	3971.04 m ²
5.	Proposed Total Non FAR Areas	23408.04 m ²
6.	Total Built- Up Area	54496.782 m ²
7.	Landscape Area @27.08 % of Plot Area	5417 m ²
8.	Maximum Height of the Building	27.6 M

6- Water requirement details:-

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
WORKING POPULATION			
DOMESTIC	2184	25	54.60
FLUSHING	2184	20	43.68
VISITORS			
DOMESTIC	9143	5	45.71
FLUSHING	9143	10	91.43
FOOD COURT	SEATS		
DOMESTIC	758	25	18.96
FLUSHING	758	10	7.58
RESTAURANT	SEATS		
DOMESTIC	437	55	24.05
FLUSHING	437	15	6.56
TOTAL POPULATION	12522		
	Area in sqm		
GARDENING	5417	1	5
	Tonnage		
AIRCONDITIONING	1900	10	190
FILTER BACKWASH		LS	10
TOTAL WATER REQUIREMENT			499

7- Waste water details:-

Domestic water requirement	304 KLD
Total Fresh water requirement	154 KLD
Flushing	150 KLD
Waste water generated (@ 80% fresh domestic water + 100% flushing)	123.2 + 150 = 273.2 say 273 KLD
STP capacity	330 KLD

8- Solid waste/other waste Details:-

Waste Category	Quantity	Unit
Total Waste Generation	1.84	TPD
Organic Waste Generation	0.96	TPD
Sludge Generation	19	kg/Day
Hazardous Waste Generation (DG Waste Oil)	3.2	Ltrs/ Day

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

RESOLUTION AGAINST AGENDA NO-11

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
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 area development including the peripheral green area. 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 area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. Organic waste converter should be installed.
12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out and report submitted to SEIAA, U.P.
19. 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.

20. 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.
21. 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.
22. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. 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.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. 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.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
29. 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.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. 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.
33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
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 paint should be used on the roof top and side walls of the building tower for cooling effect

12. I Generation Point Project at Chandhausi, Sambhal, U. P., M/s TAG Infrastructure Pvt. Lt., File No.5872/Proposal No.SIA/UP/MIS/174892/2020

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

- 1- The Environmental clearance is sought for "I Generation Point Project" at Chandhausi, Sambhal U.P. by M/s GN Buildtech Pvt. Ltd.
- 2- Salient features of the project:

Plot Area	16,695Sq.m
Ground Coverage	7,173Sq.m
Road Area & Open Area	7,014Sq.m
Parking Area	1,650 Sq.m
Total Expected Population	5390 No's
Electric Load	2,496.98 kVA
Source of water supply	Ground Water Supply
Total Consumption of Water	243 KLD
Total MSW generated	878 Kg/Day
Built up area	35,686Sq.m
No of Floors	04
Achieved FAR	34,906Sq.m
Proposed rainwater harvesting pits	04 RWH
STP capacity	210 KLD
D.G. Set Capacity	4 DG sets of total capacity 2,845 KVA (1x200 + 1x625 + 2x1010 KVA)
Total Project Cost	153.37 Crores.

- 3- Land use details:

Sr.No	Description	Area (sqm)	% of total plot area
1	Plot Area	16,695	100
2	Ground coverage	7,173	42.96
3	Parking Area	1,650	9.88
4	Road area & Open Area	7,014	42.01
5	Softscaping area	1,669.5	10
6	Hardscaping area	838.08	5

- 4- Parking details:

SL.No	Description	Area (sqm)
1	Parking Area	1650

- 5- Water requirement details:

S. No.	Description	Occupancy	Rate of water demand (lpcd)		Total Water Requirement (KLD)		
	Domestic Water		Fresh	Flushing	Fresh	Flushing	Total
A.	Retail Shops						
	Staff	103	25	20	2.57	20.6	23.17
	Visitors	927	5	10	4.63	9.27	13.9
B.	Hyper market						
	Staff	46	25	20	1.15	0.92	2.07
	Visitors	414	5	10	2.07	4.14	6.21

C.	Anchor Store						
	Staff	55	25	20	1.37	1.1	2.47
	Visitors	495	5	10	2.47	4.95	7.42
D.	Food Court	120	25	10	3	1.2	4.2
E.	Multiplex	840	5	10	4.2	8.4	12.6
F.	Kiosks	20	5	10	0.1	0.2	0.3
G.	Banquet	2000	25	10	50	20	70
H.	Hotel	110	260	60	28.6	6.6	35.2
I.	Employees (Staff)	260	25	20	6.5	5.2	11.7
					106.66 say 107 KLD	82.58 say 83 KLD	189.24 say 190 KLD
Total Domestic Water Demand = 190 KLD							
J.	Horticulture	2,508	3 l/sqm		8 KLD		
K.	HVAC (1589 TR)	45 KLD					
Total Water Requirement = 243 KLD							

6- Solid waste generation details:

S. No.	Description	Occupancy	Waste Generated (kg/capita/day)	Waste Generated (kg/day)
1.	Domestic Solid Waste			
	Staff	464	0.25	116
	Visitors	4926	0.15	738.9
2.	Horticultural Waste (0.61 acre)		@ 0.2 kg/acre/day	0.122
3.	STP Sludge		Sludge generated x 0.35 x B.O.D difference/1000	23.06
Total Solid Waste Generation= 878.08 kg/day say 878 kg/day				

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

RESOLUTION AGAINST AGENDA NO-12

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
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 area development including the peripheral green area. 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 area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. Organic waste converter should be installed.
12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out and report submitted to SEIAA, U.P.
19. 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.
20. 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.
21. The solid waste generated should be properly collected and segregated. Dry/inert solidwaste should be disposed off to the approved sites for land filling after recoveringrecyclable material.
22. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. 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 inhorticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (tothe extent possible) so that natural drainage system of the area is protected andimproved.

25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. 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.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
28. 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.
29. 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.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. 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.
33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
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 paint should be used on the roof top and side walls of the building tower for cooling effect.

13. "Building Stone (Khanda, Gitti & Boulder) Mine" at Gata No.-515, Khand No.-04, at Village-Sirvo, Tehsil-Garautha, Jhansi, U.P., M/s Nikhil Enterprises, Area -2.023 ha., File No.5840/Proposal No.SIA/UP/MIN/173317/2020

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

1. The environmental clearance is sought for "Building Stone (Khanda, Gitti & Boulder) Mine" at Gata No.-515, Khand No.-04, at Village-Sirvo, Tehsil-Garautha, Jhansi, U.P., M/s Nikhil Enterprises, Area -2.023 ha.
2. Salient features of the project as submitted by the project proponent:-

1.	On-line proposal No.	SIA/UP/MIN/173317/2020
2.	File No. allotted by SEIAA, UP	5840
3.	Name of Proponent	M/s Nikhil Enterprises Prop: Arvind Kumar Nagayach
4.	Full correspondence address of proponent and mobile No.	R/o 808 Ramnagar Ajnaari Road, Railway Crossing K pass, Orai, District- Jalaun, (U.P.)

5.	Name of Project	Sirvo Building Stone, Khanda, Gitti, Boulder Mining project			
6.	Project location (Plot/Khasra/Gata No.)	Gata No 515 (Khand 04)			
7.	Name of River	-			
8.	Name of Village	Sirvo			
9.	Tehsil	Garautha			
10.	District	Jhansi			
11. .	Name of Minor Mineral	Building Stone, Khanda, Gitti, Boulder			
12.	Sanctioned Lease Area (in Ha.)	2.023			
13.					
14.	Max & Min mRL within lease area	Max- 224 mRL and Min- 200 mRL			
15.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area			
			Pillar No.	Latitude	Longitude
		A		25°34'24.18"N	79°13'45.21"E
		B		25°34'23.36"N	79°13'48.51"E
		C		25°34'17.10"N	79°13'46.45"E
		D		25°34'17.95"N	79°13'43.01"E
16.	Total Geological Reserves	6,50,788.5cum			
17.	Total Mineable Reserves in LOI	20,230 cum			
18.	Total Proposed Production	4,04,600 cum in 20 years			
19.	Proposed Production/year	20,230 cum			
20.	Sanctioned Period of Mine lease	20 years			
21.	Production of mine/day	77.81			
22.	Method of Mining	Open Cast Semi-mechanized Method			
23.	No. of working days	260 days			
24.	Working hours/day	8 hrs			
25.	No. of workers	57			
26.	No. of vehicles movement/day	11			
27.	Type of Land	Government waste land			
28.	Ultimate Depth of Mining	24			
29.	Nearest metalled road from site	.60 km			
30.	Water Requirement	PURPOSE		REQUIREMENT (KLD)	
		Drinking		0.57	
		Suppression of dust		7.67	
		Plantation		0.4	
		Others (if any)		-	
		Total		8.64	
31.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022			
32.	Any litigation pending against the project or land in any court	No			
33.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified			

34.	Details of Lease Area in approved DSR	Yes, given in the DSR
35.	Proposed CER cost	Rs1,79,000/-
36.	Proposed EMP cost	Rs 4,36,000 /-
37.	Length and breadth of Haul Road	Length: 0.60 km, width: 6 m
38.	No. of Trees to be Planted	200 plants

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 and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes.

14. Building Stone "Sand Stone" at Araj No.-2577, Khand-01, at Village- Syawari (Siori), Tehsil- Mauranipur, Jhansi, U.P., Smt. SaraswatiDubey., Area -0.8090 ha., File No.5843/Proposal No.SIA/UP/MIN/172762/2020

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

1. The environmental clearance is sought for Building Stone "Sand Stone" at Araj No.-2577, Khand-01, at Village- Syawari (Siori), Tehsil- Mauranipur, Jhansi, U.P., Area -0.8090 ha.,
2. Salient features of the project as submitted by the project proponent:-

1.	On-line proposal No.	SIA/UP/MIN/172762/2020				
2.	File No. allotted by SEIAA, UP	5843				
3.	Name of Proponent	Smt. SaraswatiDubey				
4.	Full correspondence address of proponent and mobile No.	R/o 81 Bajrang colony, Tehsil and District- Jhansi, (U.P.)				
5.	Name of Project	Syawari (Siori) Building Stone, Khanda, Gitti, Boulder Mining project				
6.	Project location (Plot/Khasra/Gata No.)	Gata No 2577 (Khand 01)				
7.	Name of River	-				
8.	Name of Village	Syawari (Siori)				
9.	Tehsil	Mauranipur				
10.	District	Jhansi				
11.	Name of Minor Mineral	Building Stone, Khanda, Gitti, Boulder				
12.	Sanctioned Lease Area (in Ha.)	0.8090 ha				
13.	Max & Min mRL within lease area	Max- 204 mRL and Min- 180 mRL				
14.	Pillar Coordinates (Verified by DMO)		Sanctioned Mining Lease Area			
			Pillar No.	Latitude	Longitude	
		A		25°20'18.15"N	79° 6'44.33"E	

		B		25°20'18.38"N	79° 6'46.67"E
		C		25°20'15.84"N	79° 6'49.52"E
		D		25°20'14.79"N	79° 6'46.32"E
15.	Total Geological Reserves			2,69,772 cum	
16.	Total Mineable Reserves in LOI			8,090 cum	
17.	Total Proposed Production			1,61,800 cum in 20 years	
18.	Proposed Production/year			8,090 cum	
19.	Sanctioned Period of Mine lease			20 years	
20.	Production of mine/day			31.11	
21.	Method of Mining			Open Cast Semi-mechanized Method	
22.	No. of working days			260 days	
23.	Working hours/day			8 hrs	
24.	No. of workers			52	
25.	No. of vehicles movement/day			5	
26.	Type of Land			Government waste land	
27.	Ultimate Depth of Mining			24	
28.	Nearest metalled road from site			.9 km	
29.	Water Requirement			PURPOSE	REQUIREMENT (KLD)
				Drinking	0.52
				Suppression of dust	2.74
				Plantation	0.4
				Others (if any)	-
				Total	3.66
30.	Name of QCI Accredited Consultant with QCI No and period of validity.			Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
31.	Any litigation pending against the project or land in any court			No	
32.	Details of 500 m Cluster Map & certificate issued by Mining Officer			Yes, certified	
33.	Map & certificate issued by Mining Officer Details of Lease Area in approved DSR			Yes, given in the DSR	
34.	Proposed CER cost			Rs 1,54,000 /-	
35.	Proposed EMP cost			Rs 2,90,000 /-	
36.	Length and breadth of Haul Road			Length: 0.228 km, width: 6 m	
37.	No. of Trees to be Planted			100 plants	

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 and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes.

15. Sand/Morrum Mining from Ken Riverbed at Khand Mo.-02, Gata No.-53 & Part of 337, Village Kanwara. Banda, Area: 14.6, File No. 4378/ Proposal No. SIA/UP/MIN/166009/2020

The committee noted that the Environmental Clearance to the above proposal was issued by SEIAA, U.P. vide letter no. 707/Parya/SEAC/4378/2018 dated 02/03/2019. The project proponent submitted Form 4 dated 31.07.2020 requesting amendment in the Environmental Clearance through which they have informed that District Magistrate, Banda has issued the revised Letter of Intent (LOI) dated 05.06.2020 in favour of Shri Manjeet Chawla because it was found that a substantial area (9.35 ha) of the previously sanctioned lease area (24.0 ha) for which Environmental Clearance has already been granted, now comes under the alignment of proposed Bundelkhand Expressway and part of the same lease area (Khand No. 02, Gata No. 53 and Part of 337) i.e. 14.65 ha only remains as sanctioned lease area limiting the production capacity to 2,93,000 m³/year without any change in the previous lease area. Hence, they applied for amendment in environmental clearance letter dated 02/03/2019.

A presentation was made by the project proponent along with their consultant ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee the following:-

Sl. No.	Particulars	Details as per EC dated 02.03.2019			Details as per Letter of Intent dated 05.06.2020		
1.	Khand No.	Khand No. 02, Gata No. 53 and Part of 337			Khand No. 02, Gata No. 53 and Part of 337		
2.	Tehsil	Banda			Banda		
3.	Village	Kanwara			Kanwara		
4.	Sanctioned Lease area	24.00 ha			14.65 ha		
5.	Sanctioned volume	4,80,000 m ³ /year			2,93,000 m ³ /year		
6.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude	Pillars	Latitude	Longitude
		A	25°31'30.81" N	80°16'55.62" E	A	25°31'53.78" N	80°16'53.75" E
		B	25°31'29.49" N	80°16'47.56" E	B	25°31'26.28" N	80°16'56.60" E
		C	25°31'44.04" N	80°16'46.87" E	C	25°31'24.42" N	80°16'48.42" E
		D	25°31'56.01" N	80°16'46.96" E	D	25°31'52.61" N	80°16'48.03" E
		E	25°32'10.78" N	80°16'50.11" E			
		F	25°32'23.31" N	80°16'54.63" E			
		G	25°32'18.83" N	80°16'53.84" E			
		H	25°32'13.85" N	80°16'54.72" E			
		I	25°32'6.75" N	80°16'54.40" E			
		J	25°32'5.33" N	80°16'54.58" E			

		K	25°32'4.10"N	80°16'53.66"E	
		L	25°31'45.56"N	80°16'53.29"E	
		M	25°31'34.87"N	80°16'53.74"E	
7.	Geological Reserve	8,18,983m ³			4,88,550m ³
8.	Sustainable Mineable Reserve	5,11,474m ³			3,12,522m ³
9.	Production as per LOI	1,745.45 (say 1746)m ³ /day			1065.45 (say 1065)m ³ /day
10.	Excavation of riverbed material (sand/morrum)	1,745.45 (say 1746)m ³ /day			1065.45 (say 1065)m ³ /day
	Depth of Mining	2.373m			2.83713m
	No. of Trucks deployed/day	116			71
	Water Demand of the project 7a) Drinking 7b) Sprinkling 7c) Plantation 7d) Stored water Total water Demand	0.52KLD 5.04KLD 0.60KLD - 6.16KLD			0.52KLD 3.96KLD 0.036KLD 0.10KLD 4.616KLD
	Cost of the Project	17,51,70,500 (say 18 Crore)			13,93,49,894 (say 14 Crore)
	CER Cost	35,03,400			27,86,998 (say 28 lakh)
	Cost of EMP	18,12,875			17,62,394 (say 18 lakh)

1. Details of proposed amendment in E.C. letter dated 02/03.2019:

On-line proposal No.	SIA/UP/MIN/166009/2020
File No. allotted by SEIAA, UP	4378
Name of Proponent	ShriManjeetChawla ShriManjeetChawla S/o Shri A. S. Chawla
Full correspondence address of proponent and mobile no.	ShriManjeetChawla Proprietor- ShriManjeetChawla S/o Shri A. S. Chawla, R/o H.No. G -201, PreetVihar, Shakarpur, Baramad, East Delhi.
Name of Project	Sand/Morrum Mining
Project location (Plot/Khasra/Gata No.)	Gata No. 53 & Part of 337, Khand No. 02
Name of River	Ken
Name of Village	Kanwara
Tehsil	Banda
District	Banda

Name of Minor Mineral	Sand/Morrum		
Sanctioned Lease Area (in ha)	14.65 ha		
Mineable Area (in ha)	14.65 ha		
Zero level mRL	93 mRL		
Max. & Min mrl within lease area	100 mRL and 94 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°31'53.78"N	80°16'53.75"E
	B	25°31'26.28"N	80°16'56.60"E
	C	25°31'24.42"N	80°16'48.42"E
	D	25°31'52.61"N	80°16'48.03"E
Total Geological Reserves	4,88,550 m ³		
Total Mineable Reserves in LOI	2,93,000 m ³ /year		
Total Proposed Production	2,93,000 m ³ /year (14,65,000 m ³ in 05 years)		
Proposed Production/year	2,93,000 m ³		
Sanctioned Period of Mine lease	5 years		
Production of mine/day	1,065.45 say 1,065 m ³ /day		
Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM- Other than fully mechanized, as per IBM & SSMG, 2016) using: Scraper/light earth movers Chain based Bulldozer for rescue & salvage Loader Truck & tractors for transportation		
No. of working days	275 days		
Working hours/day	12 hours		
No. Of workers	Approximately 52 labours		
No. Of vehicles movement/day	71 units		
Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
Ultimate Depth of Mining	3 m		
Nearest metalled road from site	NH 76(Shivpuri - Jhansi - Banda - Allahabad)- 5.5 Km* (South)		
Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	3.96	
	Plantation	0.036	
	Others (Stored water)	0.10	
	Total	4.616 KLD	
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 25/02/2021.		
Any litigation pending against the project or land in any court	None		
Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by District Mines Officer, Banda vide Letter No. 2355/Khanij-30, Banda dated 07.09.2018		
Details of Lease Area in approved DSR	Sl. No. 08, Page No. 1 in the Corrigendum issued by District Mines Officer, Banda dated 17.08.2018		
Proposed CER cost	2% of total project cost i.e. Rs.27,86,998/- (say 28 lakh)		
Proposed EMP cost/Total Project Cost	Rs 17,62,394/- (say 18 lakh) & 13,93,49,894/- (say 14 Crore)		
Length and Width of Haul Road	Unpaved Length 0.40 km and 6 m width		
No. of Trees to be Planted	73		

The project proponent requested to amend the environmental clearance dated 02/03/2019 as per above project details.

RESOLUTION AGAINST AGENDA NO-15

The committee discussed the matter and recommended to amend the environmental clearance letter no. 707/Parya/SEAC/4378/2018 dated 02/03/2019 as per above project details. The

committee also directed the project proponent that all the other contents mentioned in Environmental Clearance letter no707/Parya/SEAC/4378/2018 dated 02/03/2019 shall remain unchanged.

16. Gitti-Ballast &Khanda, Boulder Mine at Gata No.-2449, 2451/2, Village-PunawaliKalan, Tehsil & District- Jhansi, U.P., Smt. Triveni Devi, Area -5.0 Acres, File No. 5842/ Proposal No. SIA/UP/MIN/172407/2020

The committee noted that the environmental clearance for the earlier proposal was issued by DEIAA, Jhansi, U.P. vide letter no. 57/parya(DEIAA)/2017-2018 dated 14/08/2017 for the Gitti-Ballast &Khanda, Boulder Mine at Gata No.-2449, 2451/2, Village- PunawaliKalan, Tehsil & District- Jhansi, U.P., Smt. Triveni Devi, Area -5.0 Acres. The SEAC noted project proponent has applied for amendment in environmental clearance letter dated 14/08/2017 and mentioned that:-

Point (1) :As per approved mining plan ,lease papers and EC letter the total lease period is of 10 years. EC issued for period upto 31/02/2021 for Project of Gitti-Ballast khanda- Boulder, Gata no 2449,2451/2 , Area 5.0 Acres located in Village –PunawaliKalan Tehsil & District –Jhansi (U.P)

Point (2) :The total recommended mineable reserve 4,30,866.00 m³ & as per EC given brief description about the quantity:
2017-18 recommended minable reserve is 80,000 m³ with deduction of 34600.00 m³ the balance 45,400 m³ and in the year 2018-19, 8000.0 m³ valid till 13.02.2019 m³.
But it is not correct as per approved mining plan

Point (3) :The EC was granted up to 2021 but the quantity of year 2019-20, 2020-21 are missing in the EC Letter .

The quantity for 2019-20 & 2020-21 in the approved mining plan mentioned in 2nd Year mineable reserve is 1,50,000 m³, 3rd Year 1,50,000 m³, 4th year 1,50,000 m³ mineable reserve is given below:

Year	Production (meter cube)	
2017-18	1,17,300	
2018-19	1,50,000	
2019-20	1,50,000	Not mentioned in EC
2020-21	1,50,000	Not mentioned in EC
Total	5,67,300	

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and recommended to amend the environmental clearance letter no. 57/parya(DEIAA)/2017-2018 dated 14/08/2017 for quantity (1,50,000 per annum) mentioned in Approved Mining Plan for the year 2020-2021. The committee also directed the project proponent that all the other contents mentioned in Environmental Clearance dated 14/08/2017 issued by DEIAA, Jhansi shall remain the same.

17. "Light House" at Plot No.-1B, and 5/GH-04, AvadhVihar, District-Lucknow,U.P., M/s JAM Sustainable Housing LLP. File No. 5687/Proposal No.SIA/UP/MIS/156209/2020

The committee noted that the matter was earlier discussed in 485th SEAC meeting dated 19-08-2020 and directed the project proponent to submit following information:

1. Plan for energy conservation.
2. Total list of flora.

3. Revised CER.

The project proponent submitted their replies vide letter dated 04-09-2020. A presentation was made by project proponent along with their consultant M/s Amaltas Enviro Industrial Consultants LLP (ACE),. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for "Light House" at Plot No.-1B, and 5/GH-04, AvadhVihar, District-Lucknow, U.P., M/s JAM Sustainable Housing LLP.

2- Salient features of the project:

Project Requirements	DETAILS		
Total Plot Area	20,036 m ²		
Proposed Green Area@13.05%	2,616 m ²		
Permissible Ground Coverage @ 40%	8,014.4m ²		
Proposed Ground Coverage @ 22%	4,506.8m ²		
Permissible F.A.R. @ 2.5	50,090m ²		
Proposed F.A.R. @2.43	48,702.5 m ²		
Proposed Non - F.A.R. @0.36	7,346.2 m ²		
Stilt Area	77.4 m ²		
Parking Area under stilt	3,701.8 m ²		
Total Constructed Built up Area (F.A.R. + Non F.A.R.)	56,048.7m ²		
No. Dwelling Units	EWS	1,040	
No. of Floors	EWS	S+G+13	
No. of Flats	EWS	1,040DU	
		1,040 DU + Block-A,B,C,D+ Commercial Block+ Community Block	
Building Height	Towers- A,B,C,D	44.15 m	
Parking Facilities	Parking Details	Area	ECS
Parking for Residential	Required Parking	@2wheeler/1Dwelling Unit 0.5*1,040 =520ECS	520ECS
Commercial Building	Required Parking	@2ECS/100sqm 2*1000/100= 20	20ECS
Total Required			540ECS
Stilt Parking	Proposed	Two Wheeler	401 ECS
Open street surface	Proposed	Two Wheeler	119ECS
Community Block		@3ECS/100sqm3*500/100= 15	15ECS
Parking for Open street surface four wheeler			20ECS
Total Proposed			555ECS
Power Requirement and Source	Max. Demand : 3,571 KW		
	Transformer Capacity:2 x2000 kVA 33/0.433KV Oil type Transformer with Off Load Tap Changer on HV side SOURCE: Uttar Pradesh Power Corporation Limited (UPPCL)		
Power Backup	Max demand of DG Set Capacity - 394.06 KW, DG Sets 2*320 kVA		
Stack Height of DG Set	6 meter above the roof top as per CPCB guidelines		

Water Requirement and Source	Total water Requirement		
	Fresh/Domestic Water Requirement	474 KLD	Net Fresh: 332KLD
			Flushing: 142 KLD
	Waste Water Generation	408 KLD	
	Treated water use fromSTP	326 KLD	
	SOURCE: Municipal water supply		
Sewage Treatment and Disposal	STP Design:Sewage generated during the operation phase will be collected through sewerage system (pipe drain) for treatment in tertiary level with MBBR technology Proposed STP Capacity500 KLD.		
	Discharge:Remaining treated water will be Nearby construction/ Thermal Power station.		
Estimated Population	5,765		
Solid Waste Generation	2,784kg/day		
Rain water harvesting pits	04 Nos.		
Project Cost	Cost of Construction= 130.90 Crores		
Connectivity	Site is located on Sector-1B, and 5/GH-04, AvadhVihar, Lucknow, Uttar Pradesh and nearby Vrindavan colony road. The coordinates for the center of the site are 26°46'2.73"N and 80°58'29.93"E. The Nearest railway station is Utraitia railway station about approx.0.46 km and nearest airport is ChaudharyCharan Singh International Airport about is about approx. 8.92km from the project site.		

3- Area details of the project:

Land Use Detail	% Land Use	Area (in m ²)
Total Plot Area		20,036 m ²
Proposed Green Area	13.05%	2,616 m ²
Permissible Ground Coverage	40%	8014.4 m ²
Proposed Ground Coverage	22%	4,506.8 m ²
Permissible FAR	@2.50	50,090 m ²
Proposed FAR	@2.43	48,702.5 m ²
Proposed Non-FAR	@0.36	7,346.2 m ²
Total Constructed Built-up Area (FAR + Non FAR)		56,048.7 m ²
Stilt Area		77.4 m ²
Parking Area under Stilt		3,701.8 m ²

Open area		5,565 m ²
Max. Height of the Building		44.15mt.
No. of Floors		S+G+13
No. of Towers		4
No. of Blocks		A,B,C,D
No. of Dwelling Units		1,040
Total Population		5,765

4- Land use details:

S.No.	Land Use Details	Area in m ²	Land Use %
1.	Plot Area	20,036 m ²	
2.	Green Area	2,616 m ²	13.05%
3.	Ground Coverage	4,506.8m ²	22%

5- Water requirement details:

S.No.	Description	No of Flats	Population	Rate of water demand(lpcd)	Total Water Requirement (KLD)
Domestic Water					
	EWS Staff Visitors	1,040	5,200 260 520	86 45 520	447 12 8
	Community Block Staff	-	8	45	0.36
	Commercial Block Staff Visitors	-	134 33	45 15	6 0.49
	Total		5,765		474
	Total Domestic Water Demand				474 KLD
1.	Total Fresh water = Fresh (@ 70% of domestic)				332KLD
2.	Flushing (@ 30% of domestic)				142KLD
3.	Total Waste Water Generation (80% of Domestic Water & 100% of Flushing Water)				408KLD
4.	Total Water Reclaimed from STP (80% Efficiency)				500KLD
Collection of Sewage: Sewage generated during the operation phase will be collected through sewerage system (pipe drain) for treatment in tertiary level with MBBR technology Proposed STP Capacity 500 KLD for Blocks & EWS.					
Recycled Water Use From STP For Various Usages					
A.	Flushing	-		100%	142KLD
B.	Irrigation (Green Area)	2,616 m ²		3L/sqm/day	8 KLD
C.	Plantation	110 Tress		5L/day	1.3KLD
D.	Miscellaneous use (Nearby construction/ Thermal Power station)	-	-	-	180 KLD
Recycled Water Use					326 KLD
Remaining treated water will be Nearby construction/ Thermal Power station					180 KLD

Total Recycled Water from STP	408 KLD
Total Water Requirement (Domestic Water Use + Recycled Water Use)	800 KLD

- 6- The project proposal falls under category – 8(a) as per the MoEF&CC notification dated 14/09/2006 (as amended).

RESOLUTION AGAINST AGENDA NO-17

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

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
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 area development including the peripheral green area. 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 area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. Organic waste converter should be installed.
12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out and report submitted to SEIAA, U.P.
19. 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.
20. 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.
21. The solid waste generated should be properly collected and segregated. Dry/inert solidwaste should be disposed off to the approved sites for land filling after recoveringrecyclable material.
22. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. 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 inhorticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (tothe extent possible) so that natural drainage system of the area is protected andimproved.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fightingequipments etc. as per National Building Code including measures from lighting.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
28. The diesel generator sets to be used during construction phase should be low sulphurdiesel type and should conform to Environments (Protection) Rules prescribed for airand noise emission standards.
29. 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.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines includingselection of plant species and in consultation with the local DFO/ Agriculture Dept.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. 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.
33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
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 paint should be used on the roof top and side walls of the building tower for cooling effect.

18. River Sand/Morrum Mining at Khand No.-04, Gata No.- 2558, 2563, Village-Bandhauli, Tehsil- Urai, District- Jalaun, U.P., M/s Khajuraho Motors Pvt.Ltd (Leased Area-16.194 Ha) File no- 4130

The committee noted that the matter was earlier discussed in 436rd SEAC meeting dated 11-12-2019 and directed the project proponent to submit following information:

The committee noted that the project proponent submitted a letter dated 11/12/2019 through which they have informed that most of the mining area of the project is in-stream of the river and in-stream mining is prohibited. The committee discussed the matter and directed the Secretariat to send a letter to District Magistrate, Jalaun, & District Mining Officer, Jalaun for providing the factual report of the site. The committee also directed that a copy of the letter should be sent to Director, Geology and Mining Department, Lucknow, Uttar Pradesh and the project proponent for necessary action.

The project proponent submitted their replies vide letter dated 28-09-2020. 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 Sand Mining from Riverbed at Gata no. 2558, 2563, Khand no.04 Village-Bandhauli, Tehsil-Urai, District- Jalaun (U.P) (Leased Area-16.194 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/22333/2018		
2.	File No. allotted by SEIAA, UP	4130		
3.	Name of Proponent	M/s Khajuraho Motors Pvt. Ltd. (ShriYashpal Singh Parmar		
4.	Full correspondence address of proponent and mobile no.	R/O- Khajuraho Motors Pvt. Ltd. Distt-Chatarpur M.P.		
5.	Name of Project	Area- 40.00 acre (16.194Ha) on Betwa river for sand/morrum mining at Gata no. 2558, 2563, Khand no.04 Village-Bandhauli, Tehsil-Urai, District- Jalaun (U.P)		
6.	Project Location(Plot.Khsra/Gata No.)	Gata no. 2558, 2563, Khand no.04		
7.	Name of River	Betwa River		
8.	Name of Village	Bandhauli		
9.	Tehsil	Urai		
10.	District	Jalaun		
11.	Name of Minor Mineral	Sand/Morrum		
12.	Sanctioned Lease Area (in Ha.)	16.194 Ha.		
13.	Max. & Min mRL within lease area	113.0 in NE & 109.0 in SW		
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25°51'15.88"N	79°29'20.56"E
		B	25°51'18.64"N	79°29'23.50"E
		C	25°50'54.51"N	79°29'34.07"E
		D	25°50'48.58"N	79°29'25.68"E
15.	Total Geological Reserves	4,85,820 m ³ /Annum		
16.	Total Mineable Reserve in Loi	2,42,910 m ³ /Annum		
17.	Total Proposed Production in LOI	2,42,910 m ³ /Annum		
18.	Proposed Production /year	Year	Production	

		1 st	2,42,910 m ³ /Annum
		2 nd	2,42,910 m ³ /Annum
		3 rd	2,42,910 m ³ /Annum
		4 th	2,42,910 m ³ /Annum
		5 th	2,42,910 m ³ /Annum
		Total	12,14,550 m ³
19.	Sanctioned Period of Mine lease	5 Years	
20.	Production of mine/day	1080 m ³ /Day	
21.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF& CC ,GOI)	
22.	No. of working days	225 Days	
23.	Working hours/day	8 Hours	
24.	No. of worker	112 Worker	
25.	No. of vehicles movement/day	120 Trucks / Day	
26.	Type of Land	River Bed (Govt. Land)	
27.	Ultimate of Depth of Mining	12.75m	
28.	Nearest metalled road from site	1.0 Km	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	1.12
		Suppression of dust	6.0
		Plantation	1.0
		Others (if any)	
		Total	8.12 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.86 Period of Validity- 31-01-2021	
31.	Any litigation pending against the project or land in any court	No	
32.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	500m Cluster Certificate was issued by District Mines Officer,Jalaun vide letter no: 1541/Khanij-M.C.C- 30 dated 1.10.2020	
33.	Details of Lease Area in approved DSR	Given table on Page No 53 at (Sr. No 31)	
34.	Proposed CER cost	7.40 Lac	
35.	Proposed EMP cost	11.29 Lac	
36.	Length and breadth of Haul Road	500 mtr Length & 6m width haulage road	
37.	No. of Trees to be Planted	534 Trees	

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-18

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

1. Since Peacock is scheduled-1 species in habiting in core zone area. Attempts should be made to maintain to conserve and protect this species during mining operations and other human activities.
2. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
3. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
4. Environment management in according to environmental status and impact of the project.
5. Selection of plants for green belt should be on the basis of pollution removal index.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakka motorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
11. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
12. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
13. Provision for cylinder to workers should be made for cooking.
14. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
15. Provide suitable mask to the workers.
16. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
17. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
18. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
19. Provision for two toilets and hand pumps should be made at mining site.
20. Drinking water for workers would be provided by tankers.
21. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
22. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
23. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
24. 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.
25. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
26. 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 should be taken and details to be provided to concern Department.
27. Width of the haul road shall be more than 6 meter.

28. 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. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajive Kumar)
Member

(Dr. Sarita Sinha)
Member

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

Annexure-1

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

A. 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 addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded on the company's website and also displayed at website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to day hours time only.
15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

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

B. Specific Conditions:

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
3. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
4. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
5. Explosive cannot be stored on the site.
6. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.
7. No two pits shall be simultaneously worked i.e. before the first is exhausted andreclamation work completed, no mineral bearing area shall be worked.
8. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
9. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
10. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.

11. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
12. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
13. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
14. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
15. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
16. Rain water harvesting shall be undertaken to recharge the ground water source.
17. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
19. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
20. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De- silting at regular intervals shall be carried out.
21. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
22. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.
23. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
24. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
25. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. 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.

26. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
27. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
28. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
29. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
30. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
31. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
32. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
33. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
34. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.
35. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
36. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.

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

Annexure-2

**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. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
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, ZilaParisad/ 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. CER 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, ZilaParishad/ 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-3

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 pouches, plastic bags, glasses etc. to be generated during project activity will be separately stored 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/Panchayat.
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.