

Minutes of 334th SEAC Meeting Date 01/05/2018

The 334th meeting of SEAC was held in Directorate of Environment, U.P. on 01/05/2018 following members were present in the SEAC:

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|-----|----------------------------|----------|
| 1. | Dr. (Prof.) S.N. Singh, | Chairman |
| 2. | Dr. Sarita Sinha, | Member |
| 3. | Dr. Arvind Mathur, | Member |
| 4. | Dr. Virendra Mishra, | Member |
| 5. | Dr. Richhpal Singh Sangu, | Member |
| 6. | Dr. Ranjeet Kumar Dalela, | Member |
| 7. | Shri Ramesh Chand Kataria, | Member |
| 8. | Shri Meraj Uddin, | Member |
| 9. | Dr. Pramod Kumar Mishra, | Member |
| 10. | Dr, Ajoy kumar mandal, | Member |

The Chairman welcomed the members to the 334th SEAC meeting.

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

1. Construction of Proposed "Yamuna Vihar" Group Housing Project in Naini, Village-Chak Babura Alimabad, Tehsil- Karchhana, District- Allahabad, U.P. File No. 3879/Proposal No. (SIA/UP/ NCP /71262/2018)

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

1- The environmental clearance is sought for "Yamuna Vihar Housing Scheme" ADA Colony, Avantika Yojna Naini, Allahabad, U.P .

2- Site Specific Details:-

Particulars	Details
Location	Project is located at ADA Colony, Avantika Yojna Naini, Allahabad, U.P
Type of Industry	Building & Construction Project
Category	B, Type- 8(a)
Latitude & Longitude (Area Coordinates)	Point A (25°23'27.95"N,81°52'25.55"E) Point B (25°23'26.24"N,81°52'31.20"E) Point C (25°23'20.79"N,81°52'29.75"E) Point D (25°23'22.98"N,81°52'24.84"E) Point E(25°23'24.78"N,81°52'25.61"E) Point F(25°23'25.34"N,81°52'24.75"E)

Elevation (m) amsl	98 m (322 ft)
Current status of land	Residential as Per Allahabad Master Plan, 2021
Type of facilities	Group housing

3- AREA STATEMENT :-

Items	Details
Type of Building	Residential
Total Plot Area	25884.27m ²
Permissible Ground coverage	9059.50 m ² (@ 35% of plot area)
Proposed Ground coverage	7921.63 m² (@ 31 % of plot area)
Green area Proposed	7926.85 m ² (@30.62% of plot area)
Permissible FAR	88006.51 m ² (@3.4)
Proposed FAR	87809.13 m² (@ 3.39)
Basement area	14721.42 m ²
Stilt Area	7921.63 m ²
Total Non- FAR	22643.05 m²
Built up Area (FAR+ Non FAR)	1,10,452.18 m²

4- Development Mix

Block Name	No. of flats in each Tower	No. of Tower	Total no. of flats
Block A	72	4 (Stilt+12)	288
Block B	96	4 (Stilt+12)	384
Block C	96	5(Stilt+12)	480
Total		13	1152

5- Estimated Population

Residential	5760 (@ 5 person per unit)
Visitors:	576
Staff/employees:	288
Total Population	6624

6- Land use pattern of the project

Land use Type	Area (in m ²)	Percentage (%)
Ground Coverage	7921.63	31
Green Area	7926.85	30.62
Open & paved area	10035.79	38.7
Total Area	25884.27	100

7- Water Requirement Calculation

S. No.	Description	unit/Area (in m2)	Total Occupancy	Fresh water Requirement				
				Rate of water demand for drinking and washing (lpcd)	Total Water demand for drinking and washing (KLD)	Rate of Flushing water demand (lpcd)	Total Flushing water (KLD)	Total Fresh Water Requirement (KLD)
1.	Residential	1152 units	5760	65	374.4	21	121	495.4

2.	Visitors		576	5	2.88	10	5.76	8.64
3.	Staff		288	30	8.64	15	4.32	12.96
Total Domestic water					385.92		131.08 (~131)	517
4.	Horticulture/Landscape Area(m2)	7926.85 m2	2.5 l/sqm					19.0
Total					Say 386		131	Say 536

8- Water & Waste Water Details :-

Water/ Waste water Details	
Drinking and bathing	386KLD
Flushing	131KLD
Horticulture / Landscape	19KLD
Total Fresh water requirement	536 KLD
Waste water	465KLD
Source of water - Municipal Supply	

9- Storm water calculation and Rain water harvesting :-

Peak Run off				
Max, Rainfall Intensity 40 mm/hr				
Location	Runoff Coefficient	Area m ²	Rainfall intensity	Peak Run off in m ³ /hr
			(in m)	
Roof Area	0.8	7921.63	0.04	254
Paved area	0.6	10035.79	0.04	240
Green Area	0.2	7926.85	0.04	64
Total Runoff m ³ /hr				558
Particular		Size		Volume
Desilting Chamber		2.0 m x 2.0 m x 1.5 m		6 m ³
Recharge Pit		2.5 m x 2.5m x 3 m		18.75 m ³
Total Effective Volume				24.75 m ³

10- Parking Required & Parking Proposed:-

Required Parking	
According to MoEF norms: Residential(1 ECS per 80 m ² of Residential FAR 87809.13 m²)	1097 ECS
Total Required Parking	1097 ECS
Parking Provided	1100 Parking space
Parking Provide Details	
Location	(ECS)
In Stilt(7921.63m²/30m²)	264
In Basement (13249.42 m²/32 m²)	414
In Open	172
2 Wheeler Parking Provided	250 parking space
Total	1100 Parking spaces

11- Estimated solid waste generation and management plan

S.No.	Particulars	Population	Waste generated in kg/day
1.	Residential (@0.5kg/day)	5760	2880
2.	Visitors (@0.15kg/day)	576	86
3.	staff (@0.25 kg/day)	288	72
Total Solid waste generated			Approx. 3038 kg/day
Horticulture Waste (@ .0037/m ² /day)			14.36Kg/Day Say 15 kg/day
E-Waste (0.15 kg/C/year)			2.60 Kg/Day

12- Quantification of construction waste material :-

Construction waste material	Total construction waste generated @ 40 Kg/sq.m of builtup area	4023(MT)
soil, sand & Gravel	0.35	1407
bricks & Masonry	0.3	1206
Concrete	0.25	1005
Metal	0.05	201
Bitumen	0.0204	82
Wood	0.0204	82
Other	0.01	40

13- Power requirement

Power Requirement	9500kVA
Source	UPPCL
Backup power supply arrangement	6 DG sets of 63KVA Total: 378 KVA
Stack Height	6.0 m above highest building

14- Landscape development

No. of Trees Required (one tree @ 80 m ² of total open area)	176
No. of trees proposed	185
Green Area Proposed	7926.85 m ²

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

Resolution against agenda no-1

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

1. Structural design certificate signed by architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
2. Plan for organic composter should be submitted.
3. Cost and date of completion of the project should be submitted.
4. Building plan of the project should be submitted.

5. Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost i.e. Rs 1.4 cores shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
6. STP plan should be submitted.
7. Plans for water recycle should be submitted.
8. No construction certificate should be submitted.
9. Regarding extraction of ground water permission from the CGWA should be submitted.
10. Parking details to be provided.
11. Regarding discharge of excess water to CSTP, no objection certificate should be submitted from the competent Authority.

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

2. Medical College Faizabad at Gata No.- 22, 23, 24, 25, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 43, 45, 46, 49, 50, 52 and 53, Village- Ganja, Pargana- Haveli Awadh, Tehsil- Sadar, District- Faizabad, U.P., File No. 4075/Proposal No. (SIA/UP/ NCP /72821/2018)

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

- 1- The environmental clearance is sought for Medical College at Gata 22,23,24,25,30,31,32,33,34,35,36,37,38,40,41,43,45,46,49,50,52 and 53, Village-Ganja, Pargana- Haveli Awadh, Tehsil-Sadar, District-Faizabad, U.P.

2- Project Brief :-

Plot area	70,514.95 m ²
Ground Coverage	12,143.82 m ²
Green area	22,364.32 m ²
Road area	15,902.84 m ²
Parking Area	6,287.26 m ²
Paving area	7,928.57 m ²
Open area	5,888.14 m ²
Built-up Area	39,672.56 m ²
Height of Building	G+4(3.5m)
Total Expected Population	1506 persons
Electric Load	11 KV Network
Standby DG Set:	500 x 02 KVA, 1000 x 01 KVA
Source of water supply	Tube well
Total Consumption of Water	129 KLD
Total MSW generated	673.9 Kg/Day
Total Transit Centers	01 no.
Proposed rainwater harvesting pits	06 no.

STP capacity	100 KLD STP
ETP capacity	10 KLD ETP
Stack Height of D.G. Set	8.94 m
Total Project Cost	189.01 Crore (18901.19 lakh)

3- Land Use Details (Proposed)

S. No	Particulars	Area (m ²)	%age
1	Ground coverage	12,143.82	17.22
2	Green Area	22,364.32	31.72
3	Road area	15,902.84	22.55
4	Paving Area	7,928.57	11.24
5	Parking Area	6,287.26	8.92
6	Open area	5,888.14	8.35
Total Plot area		70,514.95	100.0

4- Details of Proposed Built Up Area :-

Sl.no	Building Blocks	Covered area	No. of blocks	Ground coverage
A	Admin & Library			
	Ground floor	899.62	1.00	899.62
	First Floor	852.66		
	Second floor	852.66		
	Third floor	852.66		
	Fourth floor	852.66		
	Total A	4,310.26		
B	Academic Building			
	Ground floor	2045.76	1.00	2045.76
	First Floor	2011.59		
	Second floor	2011.59		
	Third floor	2011.59		
	Fourth floor	2011.59		
	Total B	10,092.12		
C	Lecture Hall			
	Ground floor	1,141.87	1.00	1141.87
	First Floor	1,082.02		
	Second floor	1,120.24		
	Total C	3,344.13		
D	Auditorium			
	Ground floor	1,452.65	1.00	1452.65
	First Floor	581.02		
	Total D	2,033.67		
E	Sr. Resident			
	Ground floor	326.23	2.00	652.46
	First Floor	320.83		
	Second floor	320.83		
	Third floor	320.83		
	Total E	2,577.44		
F	Boys Hostel			
	Ground floor	852.04	1.00	852.04
	First Floor	852.04		
	Second floor	852.04		

	Third floor	852.04		
	Total F	3,408.16		
G	<i>Intern male hostel</i>			
	Ground floor	524.08	1.00	524.08
	First Floor	524.08		
	Second floor	524.08		
	Third floor	391.92		
	Total G	1,954.16		
H	<i>Jr. Resident</i>			
	Ground floor	222.15	1.00	222.15
	First Floor	222.15		
	Second floor	222.15		
	Third floor	222.15		
	Total H	888.60		
I	<i>Girls Hostel</i>			
	Ground floor	524.08	1.00	524.08
	First Floor	524.08		
	Second floor	524.08		
	Third floor	391.92		
	Total I	1,964.16		
J	<i>Internees Female</i>			
	Ground floor	336.32	1.00	336.32
	First Floor	336.32		
	Total J	672.64		
K	<i>E.S.S</i>			
	Ground floor	190.00	2.00	380.00
	Total K	380.00		
L	<i>Type VI</i>			
	Ground floor	196.33	1.00	196.33
	First Floor	124.59		
	Total L	320.92		
M	<i>Type V</i>			
	Ground Floor	497.00	2.00	994.0
	First Floor	479.83		
	Total M	1,953.66		
N	<i>Type IV</i>			
	Ground Floor	609.93	1.00	609.93
	First Floor	609.93		
	Second Floor	609.93		
	Total N			
O	<i>Type III</i>			
	Ground Floor	322.17	2.00	644.34
	First Floor	322.17		

	Second Floor	322.17		
	Third Floor	322.17		
	Total O	2,577.36		
<i>P</i>	<i>Type II</i>			
	Ground Floor	229.10	1.00	229.10
	First Floor	229.10		
	Second Floor	229.10		
	Third Floor	229.10		
	Total P	916.40		
<i>Q</i>	<i>Pump Room</i>			
	Ground Floor	126.00	1.00	126.00
	Total Q	126.00		
<i>R</i>	<i>O.H.T</i>			
	Ground Floor	113.09	1.00	113.09
	Total R	113.09		
<i>S</i>	<i>S.T.P</i>			
	Ground Floor	200.00	1.00	200.00
	Total S	200.00		
	Total Built up area from A to S	39,672.56		Total G.C 12,143.82

5- POPULATION DETAILS :-

S. NO.	STAFF DESIGNATION	Population
1.	Admin Staff+ Faculty	100
2.	Hostellers	458
3	Clinical	100
4	Residents	398
5	Visitors	450
Total Expected Population		1506

6- PARKING DETAILS :-

A	Admin & Library	Area
	Total A	4,310.26
B	Academic Building	
	Total B	10,092.12
C	Lecture Hall	
	Total C	3,344.13
D	Auditorium	
	Total D	2,033.67
E	Sr. Resident	
	Total E	2,577.44

- In the proposed project, parking for the Administrative staff & faculty, hostellers, clinical staff residents & visitors, shall be managed by providing total area of 6287.26 Sqm for parking.

7- Water Consumption & Discharge:-

S.	Water Use	Population	Per Capita in (LPC D)	Water Requirement (KLD)	Waste Water Generation (KLD)
1.	Staff+ Faculty	100	45	4.5	3.6
2.	Hostellers	458	86	39.39	31.50
3	Clinical	100	45	4.5	3.6
4	Residents	398	86	34.22	27.37
5	Visitors	450	15	6.75	5.4
REQUIREMENT TOTAL DOMESTIC WATER				89.36	71.47
6	Laboratory & Laundry Waste	-	Lumpsum	10.0	8.0
7	D.G. Set Cooling	2 x 500 KVA + 1 x 1000 KVA	0.9 l/KVA/4 hr.	7.28	NIL
8	Gardening/Landscape Area	22364.32 m ²	1 l/m ²	22.36	NIL
TOTAL WATER REQUIREMENT				129	79.47

8- Municipal Solid Waste Generation & Management

Type of Waste	Colour of Bins	Category	Disposal Method	Total Waste (Kg/ day)
Organics	Green	Bio Degradable	Municipal Solid Waste Site	303.2
Paper	Blue	Recyclable	Approved Recycler	109.152
Metals				
Glass				
Textiles				
Plastic				
Ash & Dust	Grey	Non-Bio degradable	Municipal Solid waste Site	194.048
Total				606.4

9- LANDSCAPE DEVELOPMENT PLAN

Total Landscape Area Proposed	22,364.32 m²
Plantation (As per Moef, 1 tree per 80.m² of total plot area)	70,514.95/80 = 881
Total Numbers of Trees Required	881 Nos.

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

Resolution against agenda no-2

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

1. Affidavit regarding present proposal is for medical collage only and not for hospital and no further expansion should be provided.

2. Height of the Stack should be corrected and be submitted.
3. Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be prepared and approved by Board of Directors of the company.
4. Water balance calculation and diagram should be rechecked and be submitted.
5. Regarding extraction of ground water permission from the CGWA should be submitted.
6. The ground water data presented indicate that the water is highly alkaline; plans for remedial action and for treatment should be submitted.
7. Recheck the water sample and submit it with calibration graphs.
8. Cost and date of completion of the project should be submitted.
9. No construction certificate with photographs of the site should be submitted.
10. Plan for e-waste management should be submitted.

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

3. "300 Bedded Obstetrics & Gynecology Block at Gata No.:- 365, 347, 348, 366, 104 Mi, 344, 354Mi, 357, 358, Village:- Amarsipur, Tehsil- Saifai, District- Etawah. M/s Uttar Pradesh University of Medical Sciences, Etawah, File No. 4087/Proposal No. (SIA/UP/NCP /72964/2018)

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 "300 Bedded Obstetrics & Gynecology Block at Gata No.:- 365, 347, 348, 366, 104 Mi, 344, 354Mi, 357, 358, Village:- Amarsipur, Tehsil- Saifai, District- Etawah. M/s Uttar Pradesh University of Medical Sciences, District- Etawah
2. Project brief details:

DETAILS	PROPOSED
Plot area	51,247.26 m ²
Built Up Area	34,238.42 m ²
Ground Coverage	4,855.86 m ²
Green Area	15,374.17 m ²
Height of Building	G+8(3.5 m)
Total Population	1250
Standby DG Set:	04 x 1000 KVA
D G Set Stack Height	21.40 m
Total Consumption of Water	201.8 KLD
Total Waste Water Generated	146 KLD
Proposed rainwater harvesting pits	10
Parking	182 ECS
Electric Load	2500 KVA Transformer x 03

STP capacity	20.0 KLD
ETP capacity	160 KLD
Biomedical Waste	84.0 Kg/ Day
Total Project Cost	176.77 crores

3. Land use details (proposed) :

S. No.	Particulars	Area (m ²)	Percentage (%)
1	Ground coverage	4,855.86	9.5
2	Total Green Area	15,374.17	30
3	Road Area	3,573.75	7.0
4	Surface Parking Area	4,197.6	8.2
5	Open Area	23245.88	45.3
Total Plot area		51,247.26	100.0

4. Details of proposed built up area:

SN	FLOORS	DESCRIPTION	AREA (m ²)
1	Ground Floor	OPD & Academics	4,855.86
2	First Floor	Admin & Acadmic	4,213.18
3	Second Floor	OT, Labour & ICU	3,739.79
4	Third Floor	OT, Labour & ICU	3,519.04
5	Fourth Floor	Wards	3,519.04
6	Fifth Floor	Wards	3,519.04
7	Sixth Floor	Wards	3,519.04
8	Seventh Floor	Wards	3,562.96
9	Eight Floor	Misc	3,626.19
10	Machine Floor	-	164.28
	Total		34,238.42

5. Population details :

S. N.	STAFF /DESIGNATION	Total Population
1.	Non Clinical Staff (Admin /support/service)	50
2.	Clinical Staff (Doctors, Nurses,)	50
3.	Patients on bed	300
4.	OPD Patients	450
5.	Visitors	400
Total Expected Population		1250

6. Parking details :

Required Parking (Academic & Admin)

= 4855.86 m² (GROUND FLOOR) x 1/100= 48 ECS

= 4213.18 m² (FIRST FLOOR) X 1/100 = 42 ECS

Total ECS Required = 42+48 = 90

Required Surface Parking Area = 90 x 23.0 m² =2070.0 m²

Provided Parking

Parking area = 4197.6 m²

Ambulance Parking space @ 32 sqm for 15 nos. proposed.

Hence Justified.

7. Municipal Solid Waste Generation & Management details :

Type of Waste	Colour of Bins	Category	Disposal Method	Total Waste (Kg/ day)
Organics	Green	Bio Degradable	Municipal Solid Waste Site	14.0
Paper	Blue	Recyclable	Approved Recycler	3.0
Metals				
Glass				
Textiles				
Plastic				
Ash & Dust	Grey	Non-Bio degradable	Municipal Solid waste Site	8.0
Total				25.0

8. Landscape development plan details :

Total Landscape Area Proposed	15374.17 m ²
Plantation (As per Moef, 1 tree per 80.m ² of total plot area)	51247.26/80
Total Numbers of Trees Required	640 Nos.

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

Resolution against agenda no-3

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

1. Bio-medical waste management plan should be submitted. Consent from the competent authority should be submitted.
2. Parking details to be provided in ECS and for two wheelers, separately.
3. Water balance calculation and diagram should be rechecked and be submitted.
4. The plantation of plant species proposed by the project proponent is not accepted, revised proposal should be submitted and it should be in consultation of District forest officers.
5. Structural design certificate signed by architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
6. Plan for organic composter should be submitted.
7. Cost and date of completion of the project should be submitted.
8. Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be prepared and approved by Board of Directors of the company.
9. Stack height should be corrected.
10. Regarding extraction of ground water permission from the CGWA should be submitted.
11. Recheck the water sample and submit it with calibration graphs.
12. Plan for e-waste management should be submitted.

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

4. Commercial Complex at Khasra No.- 1069, Village- Noor Nagar, Tehsil & District- Ghaziabad, U.P., M/s Spacotech JKG Projects Pvt. Ltd., File No. 4065/Proposal No. (SIA/UP/ NCP /72508/2018)

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

1. The environmental clearance is sought for Commercial Complex at Khasra No.- 1069, Village- Noor Nagar, Tehsil & District- Ghaziabad, U.P., M/s Spacotech JKG Projects Pvt. Ltd.,
2. Project is spread over area a net plot area of 6,426.73 Sqmt (1.59 acres) and will have built-up area of 27,157.26 sq m.
3. Salient features of project details :

Description	Existing
Net Plot Area	6,426.73 sqm
Built-up Area	27,157.26 sqm
Green Area	321.95 sqm @ 5.009% of net Plot Area
Total Water Requirement	195 KLD
Fresh Water Requirement	68.3 KLD
Wastewater Generation	115 KLD
Capacity of STP	140 KLD
Solid Waste Generation	862 kg/day
Parking Required & Provided	393 Cars & 403 Cars
Power Demand & Source	1,936kVA (by Uttar Pradesh Power Corporation Limited)
Back up	2,260 kVA (1 x1010 kVA + 1 x 750 kVA + 1 x 500 kVA)
RWH Pits	1 pit

4. Project location and connectivity details :

S. No.	FEATURES	DESCRIPTION	DISTANCE & DIRECTION
1.	Location	Khasra No. 1069, Village – Noor Nagar, Pargana Loni, Ghaziabad, U.P.	
2.	Geographical Co-ordinates	Latitude: 28°42'17"N Longitude: 77°25'5"E	
3.	Connecting road	Raj Nagar Extension Road	650 meters, South West
4.	National Highway	NH-58	1.82 km; ESE
5.	Nearest Railway Station	Guldhar Railway Station	2.83 km; East
6.	Nearest Metro Station	Vaishali Metro Station	10.45 km, South-West
6.	Airport	Indira Gandhi International Airport	34 km, WSW

5. Area statement details :

S. No.	Particulars	Area (m ²)
1.	Total Plot Area	8,114.00
2.	Area under roads widening	1,687.27
3.	Net Plot Area (1 – 2)	6,426.73
4.	Permissible Ground Coverage (@ 45% of Net Plot Area)	2,892.29
5.	Proposed Ground Coverage (@ 44.98% of Net Plot Area)	2,890.49
6.	Permissible Atrium (@5% of Net Plot Area)	321.33
7.	Proposed Atrium (@4.94% of Net Plot Area)	318.11
6.	Total Permissible F.A.R.	24,100.24

	F.A.R. (@ 2.50 of the Net Plot Area) - 16,066.83 Purchasable F.A.R. - 8,033.41 (@ 50% of 2.50 F.A.R Area)	
7.	Proposed F.A.R	17,212.95
8.	Non F.A.R. Area Basement 1 - 346.09 Basement 2 - 4,486.43 Basement 3 - 4,532.66 Ground Floor to Projection Room - 579.13	9,944.31
9.	Total Built-Up Area (7+8)	27,157.26
10.	Landscape Area (@ 5.009% of Net Plot Area)	321.95
11.	Height of the Building	30 m

6. Built-up area detail:

S. No.	Description	Area (m ²)
1.	Proposed F.A.R.	17,212.95
2.	Non F.A.R. Area Basement 1 346.09 Basement 2 4,486.43 Basement 3 4,532.66 Ground Floor to Projection Room 579.13 -	9,944.31
Total Built-Up Area		27,157.26

7. Population detail:

S. No.	Occupancy	Description	Units/Area	Total Population
1.	Shopping	(Basement 1 + ground floor)	3 Sqm/persons for 5900.59 sqm area	1967
		Upper Floors (first + second floor)	6 Sqm/persons for 3925.28 sqm area	654
	Total Population of shopping area (basement 1 to second floor)			Total=2621
	Staff	-	10%.of total population	262
	Visitors	-	90%.of total population	2359
2.	Entertainment Zone	Third Floor	1.4sqm/person for 574.95 sqm	411
3.	Food court	Third Floor	1.8 sqm/person for 1538.8sqm	855
4.	Restaurant	Third Floor	1.8 sqm/person for 501.05 sqm	278
5.	Cinema hall	Fourth to Fifth	No of seat	983
6.	Staff (for third to fifth floor)	-	10%.of total population 2527	253
Total Population				5401

8. Water requirement detail:

S. No.	Description	Occupancy	Water requirement				Total
			Fresh LPD	Flushing LPD	Total Fresh Water KLD	Total Flushing Water KLD	
A.	Domestic Water Demand						
1.	Shopping						
	Staff	262	25	20	6.55	5.24	11.79
	Visitors	2359	5	10	11.8	23.59	35.39
2.	Entertainment	411	5	10	2.06	4.11	6.17

	Zone						
3.	Food court	855	25	10	21.37	8.55	29.92
4.	Restaurant	278	55	15	15.29	4.17	19.46
5.	Cinema hall	983	5	10	4.91	9.83	14.74
6.	Staff	253	25	20	6.32	5.06	11.38
Total Domestic Water Demand					68.3 KLD	60.55 KLD	128.85 say 129 KLD

9. Parking required detail:

For Multiplex = @1car/10 seats
 Total no. of seats proposed for multiplex = 983
 Total cars parking required = 983/10
 = 98.3 say 98 Cars
 For Commercial = @2 cars/100 sqm of commercial area
 Total commercial FAR area = Total FAR area – Total Multiples Area
 = 17,212.95 – 2511.63
 = 14,701.32
 Car parking required = 14,701.32/ 100 x 2
 = 295 cars
 Total car parking required for the project = 98 + 295
 = 393 Cars

10. Parking proposed :

S. No.	Location	Type of Parking	Area Provided	Parking Provided
1.	Second Basement	2 Levels Mechanical Parking	3,341.30 sqm	155 Cars
2.	Third Basement	3 Levels Mechanical Parking	3394.75 sqm	248 Cars
Total Parking Provided				403 Cars

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

Resolution against agenda no-4

The project proponent requested to defer the matter to next meeting. The committee discussed the matter and directed to defer the matter in next SEAC meeting to present the full presentation regarding the project.

5. Integrated Township "Gomti Green" at Village-Sarsawan, Ahmanmau, Ahdonamau, District-Lucknow M/s Emaar MGF Land Ltd., File No. 4121/Proposal No. (SIA/UP/NCP /22281/2018)

Resolution against agenda no-5

The project proponent did not appear. The committee discussed and deliberated that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC.

The matter will be discussed only after submission of online information on aforesaid queries on prescribed portal.

6. Amendment in E.C. Proposed Commercial Complex, Studio Apartment & Hotel at Plot No-TCG/1-A/V/2, Vibhuti Khand, Gomti Nagar, District-Lucknow, File No. 1829/Proposal No. (SIA/UP/ NCP /22030/2013)

A presentation was made by 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 Proposed Amendment in Environmental Clearance of “Commercial Complex, Studio Apartment & Hotel” At Plot No-TCG/1-A/V/2, Vibhuti Khand, Gomti Nagar, Lucknow.
- 2- The Project was granted environment clearance vide letter no. 1807/SEAC/1829/2013/JDCA(S) dated 12th October 2013.
- 3- It comprises only 01 number of building block.
- 4- Maximum no. of proposed floors is B+G+16.
- 5- Total Plot Area of the project is 15045.00 m² and Built-up Area of the project will be 68078.9 m² respectively.
- 6- Comparative statement:-

Items	As/EC letter Dt 12/10/2013	As/Revised Proposal	Increase/ Decrease	Unit
PLOT AREA	15045	15045	0	M ²
BUILT UP AREA	67759.29	68078.91	319.62	M ²
ACHIEVED FAR	39972.31	39937.08	-35.23	M ²
PARKING REQUIRED	1122	743.4	-378.6	ECS
PARKING PROPOSED	1130	779	-351	ECS
TOTAL WATER REQUIREMENT	253	353.61	100.61	Kld
TOTAL FRESH WATER REQUIREMENT	130	214.15	84.15	Kld
TOTAL WASTE WATER GENERATION	138	173.48	35.48	Kld
STP PROPOSED	165	208	43	Kld
TOTAL POWER REQUIREMENT	1881.25	4561	2679.75	Kva
PROPOSED DG BACK UP	2000	6000	4000	Kva
NO OD DG SETS	4X500	4X1500		
TOTAL GREEN AREA PROPOSED	2807.7	2569.74	-237.96	M ²
MSW GENERATION	0.9	1.11	0.21	TPD
PROP NO OF RWH PITS	5	5	0	Nos.
TOTAL NO OF TOWERS	1	1	0	Nos.

7- Project salient features :-

S. No.	Description	Quantity	Unit
GENERAL			
1	Plot Area	15045.00	SQM
2	Proposed Built Up Area	68078.9	SQM
3	Number of Building Blocks	1	NOS
4	Total no of Studio Appts (DU's)	468	NOS
4	Max Height of Building	59.40	M
5	Max No of Floors (Incl 3 floors for Services & Parking)	B+G+16	NOS
6	Cost of Project	136	CR

7	Expected Population (Resdl 2340+256 Hotel+1339 Floating)	3287	PERSONS
8	Permissible Ground Coverage Area (45%)	6770	SQM
9	Proposed Ground Coverage Area (32.31%)	4861.17	SQM
10	Total Permissible FAR Area 2.66	40020	SQM
11	Proposed FAR Area 2.654	39937.08	SQM
12	Total Basement Area	11052.71	SQM
13	Other Non FAR areas	17089.12	SQM
14	Proposed Built Up Area	68078.9	SQM
WATER			
15	Total Water Requirement	353.61	KLD
16	Fresh water requirement	214.15	KLD
17	Treated Water Requirement	139.5	KLD
18	Waste water Generation	173.48	KLD
19	Proposed Capacity of Local STP	208	KLD
20	Treated Water Available for Reuse from STP	139	KLD
21	Discharge to Municipal Sewer	ZERO	KLD
RAIN WATER HARVESTING			
22	Rain Water Harvesting Potential	8145.45	CUM
23	No of RWH of Pits Proposed	5	NOS
PARKING			
24	Total Parking Required as / Building Bye Laws	743	ECS
25	Proposed Total Parking	779	ECS
26	Proposed Parking on Surface	166	ECS
27	Proposed Parking on 2nd & 3rd floor	231	ECS
27	Basement Parking (Including Mech Parking)	382	ECS
GREEN AREAS			
28	Required Green Area (13.53%)	2036.8	SQM
29	Proposed Green Area (17.08%)	2569.7	SQM
WASTE GENERATION			
30	Municipal Solid Waste Generation	1.11	TPD
31	Quantity of Hazardous waste Generation	7.82	LTS/DAY
32	Quantity of Sludge Generated from STP	98.4	KG/DAY
POWER			
33	Total Power Requirement	4561	KVA
34	DG set backup	6000	KVA

8- Population details :-

POPULATION			
RESIDENTIAL	DU'S	POP/DU	TOTAL POPULATION
SALEABLE STUDIO APPTS (DU'S)	468	3	1404
HOTEL SUITS	128	2	256
TOTAL			1660
NON RESIDENTIAL			
Employees/Staff	Area		
COMMERCIAL	5078.03		508
HOTEL STAFF			192
FACILITY MANAGEMENT STAFF	LS		25
TOTAL			725

VISITORS			
COMMERCIAL			542
HOTEL			26
BANQUET HALL			335
TOTAL VISITORS			903
TOTAL POPULATION			3287

9- Water requirement details:-

	POPULATION/ AREA/UNIT	RATE IN LTS /PERSON	TOTAL QTY IN KL
Residential (Studio Apartment)			
DOMESTIC (Fresh)	1404	65	91.26
FLUSHING (Treated)	1404	21	29.48
(Hotel)			
DOMESTIC (Fresh)	256	120	31
FLUSHING (Treated)	256	60	15
(Working Staff)			
DOMESTIC (Fresh)	725	18	13.05
FLUSHING (Treated)	725	12	8.70
VISITORS		15	
DOMESTIC (Fresh)	903	9	8.12
FLUSHING (Treated)	903	6	5.42
	Area	lts/sqm	
GARDENING (Treated)	2570	1	2.57
	KVA	lts/kva	
D G COOLING (Treated)	8020	0.9	43.31
	TONS	lts/ton	
AIR CONDITIONING (Fresh 59 +Treated 35)	987	10	94
SWIMMING POOL (Fresh)	2		12
TOTAL WATER REQUIREMENT			353.61

- Estimated Sewage Generation: 173 KLD
- Waste water generated will be treated in on-site STP.
- Proposed treatment methodology : MBBR
- Proposed STP (Capacity): 208 KLD
- Treatment up to tertiary level.
- STP shall have power back-up for uninterrupted operation during power failure.
- Treated waste water will be used for horticulture, flushing, HVAC and DG cooling.

10- Rain water harvesting calculation:-

RAIN WATER HARVESTING				
PARTICULARS	OTHER OPEN AREAS	ROAD/PAVEMENT/PARKING AREAS	GREEN AREA	ROOF TOP

				AREA
Area (Sq.m.)	379.1	7235.00	2569.74	4861.2
Runoff coefficient	0.3	0.75	0.2	0.9
Rainfall (m)	0.9763	0.9763	0.9763	0.9763
Harvesting potential (cu.m.)	111.03	5297.65	501.77	4271.36
Net water availability and potential for recharge (cu.m.) per year (considering 20% losses)		8145.4		

- Total plot area – 15045.00 sq. m., Ground coverage area – 4861.17 sq. m.
- Total 2569.7 sq. m. (17.08 % of Plot Area) green area will be developed, which will enhance the beauty of the site and help to reduce air and noise pollution.
- Selection of the plant species shall be based on their adaptability to the existing geographical conditions.
- A diverse variety of indigenous evergreen and ornamental trees would be planted.
- Emphasis on native plant species which are having good ornamental values and fast growing with excellent canopy cover will be given.
- Proposed project will generate about 0.71 TPD wastes including approx. 0.29 TPD biodegradable wastes.
- Used oil/spent oil of 5.3 Lts/Day from DG will be recycled through pollution control board authorized vendor

11- Parking plan:-

Total Parking Required as / Building Bye Laws	743	ECS
Proposed Total Parking	779	ECS
Proposed Parking on Surface	166	ECS
Proposed Parking on 2nd & 3rd floor	231	ECS
Basement Parking (Including Mech Parking)	382	ECS

12- Waste generation:-

Total Waste Generation	0.71	TPD
Organic Waste Generation	0.29	TPD
Sludge Generation	42	KG/Day
Hazardous Waste Generation (DG Waste Oil)	5.3	Lts/ Day

13- DG sets & power backup:-

- Power load: 4561 KVA.
- Source of Power Supply: Uttar Pradesh Power Corporation Ltd (UPPCL)
- Power Backup:
 - A total of 6000 KVA DG sets will be provided as backup power supply
 - Suitable acoustic enclosure of DG sets as per EP rules.
 - Ultra Low Sulphur Diesel will be used in D.G. sets
 - Height of D.G Stack – As per CPCB Norms

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

Resolution against agenda no-6

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

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green belt development including the peripheral green belt. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/ managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. 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, creche and First Aid Room etc.
12. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
13. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
14. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
15. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
16. No parking shall be allowed outside the project boundary.
17. Digging of basement shall be undertaken in view of structural safety of adjacent buildings. 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.
18. For any extraction of ground water, prior permission from CGWB shall be taken.

19. 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.
20. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
21. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
22. 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.
23. 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.
24. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
25. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
26. 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.
27. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
28. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
29. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
30. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
31. All the internal drains are to be covered till the disposal point.
32. 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.

7. E.C. Validity extension of Construction of IT-SEZ- “Golden Tower Infratech Pvt. Ltd.”, at Plot No.- 8, Sector-144, Noida, Tehsil-144, District- Gautam Budha Nagar, U.P. M/s Golden Tower Infratech Pvt. Ltd., File No. 670/Proposal No. (SIA/UP/ NCP /22257/2011)

A presentation was made by 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 Construction of IT-SEZ- “Golden Tower Infratech Pvt. Ltd.”, at Plot No.- 8, Sector-144, Noida, Tehsil-144, District- Gautam Budha Nagar, U.P. M/s Golden Tower Infratech Pvt. Ltd.

2. Environment clearance was granted to the project vide letter no. 1620/PARYA/670/SEAC/2011/AA(S) dated 04/07/2011 for plot area 1,00,037.5 m² and built up area 3,52,159.43 m² .

3. Project details as per EC letter :

S.NO.	PARTICULARS	AS per EC letter	As per revised proposal
1	Total Plot Area	1,00,037.5 m ²	No Change
2	Builtup Area	3,52,159.43 m ²	No Change
3	No of Building Blocks	07	No Change
4	Maximum Height of The Building	37.8 m	41.8 m
5	Max No of Floors	2B+G+7	2B+G+8
6	Proposed Green Area	42,209.00 m ²	No Change
7	Total Water Requirement	1634.9 kld	No Change
8	Fresh Water Requirement	1180.3 kld	No Change
9	Waste Water Generation	568.3 kld	No Change
10	STP	700 kld	No Change
11	No. of RWH	14	No Change
12	Solid Waste Generation	3.61 tpd	No Change
13	Total Power Requirement	15000 KW	No Change
14	DG Backup	22500 KVa	No Change
15	Proposed Parking	4000 ECS	No Change

4. Tower wise details:

S.No.	Particulars	As per EC Letter	Status of Construction as on date
	Processing Zone		
1	Block B1	2B+G+7	Under Construction
2	Block B2	2B+G+7	Construction not Started
	Block B3 to B5 is for Future Expansion		Construction not Started
	Non Processing Zone is for future Expansion		Construction not Started

5. The project proposals are covered under category 8"a" of EIA Notification, 2006.

Resolution against agenda no-7

The committee discussed the matter and observed that as the project proponent has made an application regarding extension of Validity period of Environmental Clearance of construction of IT-SEZ- “Golden Tower Infratech Pvt. Ltd.”, at Plot No.- 8, Sector-144, Noida, Tehsil-144, District- Gautam Budha Nagar, U.P. M/s Golden Tower Infratech Pvt. Ltd. dated 01-03-2018.

The committee discussed the matter and observed that as the project proponent has requested for extension of Validity period of the said project while making minor changes as Max No of Floors from 2B+G+7 to 2B+G+8 for the project. The committee is in the opinion since the project proponent has made amendment in the previous E.C hence, they have to submit certified compliance report along with the request.

The matter shall be discussed after submission of information as above.

8. Amendment in E.C. “Viraj Integrated Township” Located in Village-Shahpur, Sarai Sheikh and Semra, District- lucknow, M/s Viraj Construction Pvt. Ltd., File No. 1059/Proposal No. (SIA/UP/ NCP /22275/2012)

A presentation was made by 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 “Viraj Integrated Township” Located in Village-Shahpur, Sarai Sheikh and Semra, District- lucknow, M/s Viraj Construction Pvt. Ltd.
2. The Project was granted environment clearance vide letter no. 2368/SEAC/1059/2011/AA(S) for plot area 12,86,899.68 m² and built up area 13,37,884.43 m².
3. Comparative statement details:

Areas		Area In Acres As/EC Letter	
Project Area		380.231	
MP green		62.321	
Net Area		317.91	
Master Plan Green Belt		7.32	
Pond to Be Retained		2.96	
Samadhi		1.22	
Area Under Road Widening		0.45	
Reserved		11.95	
Net Plot Area Available for Development		305.96	
S.No.	Particulars	Land Area (in Sqm) As/ EC	Land Area (in Sqm) Revised
1	Residential	649896.22	664992.15
2	Commercial	64995.6	59223.04
	Public & Semi Public		
3	Club& community	4156.08	7926.04
4	Educational	57047.48	94965.36
5	Health	14180.47	29733.34
6	Community	3057.43	Already included in club
7	Electrical	6163.06	13406.87
8	Bank ATM	543.17	-
9	Sub Post Office	722.75	1000
10	Police Station	4089.01	16197.11
11	STP	3844.45	4054.91
	Solid Waste	0	4099.33
Total	93809.9	171382.96	
12	Road	284649.98	155108.74
13	Green	193553.99	187490.63
S.No.	Particulars	As per EC Letter dated 22nd November 2012	As per Revised Proposal
1	NO. OF DU's	10,312 (including 3810 plotted)	14997 (including 802 Plotted)
2	Built up Area	13,37,884.43 m ²	24,06,979.94 m ²
3	Total Water Requirement	6.483 mld	9.6 mld
4	Treated Water Requirement	2.638 mld	2.78 mld

5	STP	5 mld	9.62 mld
6	Solid Waste Generation	27.2 tpd	30.7 tpd
7	Power Requirement	46.17 mVa	69.96 mVa
8	DG Backup	4090 kVa	9000 kVa
9	Green Area	193553.99 m ²	187490.63 m ²

4. Construction status:

S. NO.	PARTICULARS	CONSTRUCTION STATUS AS ON DATE
1	Group Housing No. 2	Under Construction
2	Group Housing No. 4	Under Construction
3	Group Housing No. 8	Under Construction
4	Commercial Block -2	Completed

5. .The project proposals are covered under category 8"a" of EIA Notification, 2006.

Resolution against agenda no-8

The committee discussed the matter and recommended grant of environmental clearance for the project proposal for plot area 12,86,899.68 m² and built up area 24,06,979.94 m² along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green belt development including the peripheral green belt. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/ managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. 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, creche and First Aid Room etc.
12. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

13. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
14. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
15. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
16. No parking shall be allowed outside the project boundary.
17. Digging of basement shall be undertaken in view of structural safety of adjacent buildings. 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.
18. For any extraction of ground water, prior permission from CGWB shall be taken.
19. 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.
20. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
21. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
22. 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.
23. 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.
24. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
25. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
26. 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.
27. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
28. RWH to be done only from root top. Arrangement shall be made that waste water and storm water do not get mixed.
29. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
30. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
31. All the internal drains are to be covered till the disposal point.
32. 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.

9. **Proposed "Ordinary Sand Mining" Project in Ganga River at Gata No- 319 to 357, 358 Mi/ 359 Mi & 680 to 682, 683 ka, 683 kha, 683 Ga, 684 to 688, 689 ka, 689 kha, 690, 691, 692 ka, 692 kha, 692 Ga, 693 to 699, 700 ka, 700 kha & 704, Village- Katriparsola & Chhibramau (Joint Khand), Tehsil- Bilgram, District- Hardoi, U.P., M/s Awadh Construction, (Leased Area-21.36 Ha), File No. 3996/Proposal No. (SIA/UP/ MIN /72290/2018)**

Resolution against agenda no-9

The mining officer, Hardoi Shri Sunil Kumar Agrawal, was present during the presentation. The applicant, Sahab lal (Petitioner of P.I.L. Civil/4740/2018 (Hardoi) did not appear during the presentation. Hence, the committee deferred the matter and asked the mining officers to provide the copy of dasti regarding the matter. The committee also deliberated that the case shall be considered after the affirmation of the presence of the applicant which shall be made by the competent authority.

10. **Sand Mining at Ganga River bed, Gata No. 13Mi over an are of 5.3660 Ha.Situated Village- Manpur Ahatmali, Teshil- Beeghapur District- Unnao., U.P. Shri Jai Chand Singh, File No. 4151/Proposal No. (SIA/UP/ MIN /73652/2018)**

Resolution against agenda no-10

The project proponent did not appear. The committee discussed and deliberated that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC.

The matter will be discussed only after submission of online information on aforesaid queries on prescribed portal.

11. **Bhidauni Khadar Ordinary Sand Mining Project at Khasra/Plot No.- 87, Village - Bhidauni Khadar, Tehsil- Mant, Districtt- Mathura, U.P., M/s Satyug Foods Pvt. Ltd., Lease Area 5.060 Ha, File No. 3994/Proposal No. (SIA/UP/ MIN /72258/2018)**

Resolution against agenda no-11

A presentation was made by project proponent along with their consultant M/s Cognizance Research India Private Limited. The committee discussed the matter and directed the project proponent to submit following information:

- 1- TTZ norms to be followed and the permission from the competent authority should be submitted in this regard.
- 2- Recalculate the area and volume of mining as per SSMG-2016.
- 3- Delete safeda plantation. Plantation should be done in consultation with District forest officers and agriculture department.
- 4- Geo-coordinate should be verified by the competent authority and to be submitted

The matter shall be discussed with full presentation after submission of information as above in online prescribed portal.

12. Total Area: 22.0 Acres (8.906 Ha), Effective workable Area: 17.30 Acres (7.012 Ha), River Sand/Morrum Mining at Gata No.-1782,1783, Khand No.-02, Village-Mohana, Tehsil-Orai, District-Jalaun, M/s New Pooja Construction, Lease Area: 8.906 Ha, File No. 4200/Proposal No. (SIA/UP/ MIN /74051/2018)

A presentation was made by 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 River Sand/Morrum Mining Project at Gata No1782, 1783 Khand No- 02 Village- Mohana, Tehsil- Orai, District- Jalaun U.P.. Total Area: 22.0 Acres (8.906 Ha) effective workable area (17.30 ACRE (7.012 Ha).
- 2- Salient feature details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/ 74051/2018		
2. File No. allotted by SEIAA, UP	4200		
3. Name of Proponent	M/s New Pooja Construction		
4. Full correspondence address of proponent and mobile no.	R/o-117/721 Q-Block, Kakadev Sarada Nagar Naveen Nagar Kanpur Nagar U.P.		
5. Name of Project	Total Area 22.0 Acres (8.906Ha) effective workable area (17.30 ACRE (7.012 Ha) River Sand/Morrum Mining Project at Gata No1782, 1783 Khand No- 02 Village-Mohana, Tehsil- Orai District- Jalaun U.P.		
6. Project Location(Plot.Khsra/Gata No.)	Khand No-02 Gata No-1782, 1783		
7. Name of River	Betwa River		
8. Name of Village	Mohana		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	8.906 Ha		
13. Mineable Area (in Ha.)	6.19 Ha		
14. Zero level mRL	111.0mRL		
15. Max. & Min mRL within lease area	116.0 mRL in NW & 113.0mRL in N		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°48'16.13"N	79°27'38.58"E
	B	25°48'15.96"N	79°27'45.59"E
	C	25°48'03.07"N	79°27'46.17"E
	D	25°48'02.94"N	79°27'39.31"E
	E	25°48'02.91"N	79°27'44.83"E
	F	25°48'16.12"N	79°27'40.89"E
	<u>Workable Area</u>		
	Point	Latitude	Longitude
	A	25°48'16.13"N	79°27'38.58"E
	F	25°48'16.12"N	79°27'40.89"E

	E	25°48'02.91"N	79°27'44.83"E														
	D	25°48'02.94"N	79°27'39.31"E														
17. Total Geological Reserves	2,10,360 m ³ /Annum																
18. Total Mineable Reserve in LOI	89060m ³ /Annum																
19. Total Proposed Production	89060 m ³ /Annum																
20. Proposed Production in 5 Years	<table><tr><td>Year</td><td>Production</td></tr><tr><td>1st</td><td>89,060 m³/ Annum</td></tr><tr><td>2nd</td><td>89,060 m³/ Annum</td></tr><tr><td>3rd</td><td>89,060 m³/ Annum</td></tr><tr><td>4th</td><td>89,060 m³/ Annum</td></tr><tr><td>5th</td><td>89,060 m³/ Annum</td></tr><tr><td>Total</td><td>4,45,300</td></tr></table>			Year	Production	1 st	89,060 m ³ / Annum	2 nd	89,060 m ³ / Annum	3 rd	89,060 m ³ / Annum	4 th	89,060 m ³ / Annum	5 th	89,060 m ³ / Annum	Total	4,45,300
Year	Production																
1 st	89,060 m ³ / Annum																
2 nd	89,060 m ³ / Annum																
3 rd	89,060 m ³ / Annum																
4 th	89,060 m ³ / Annum																
5 th	89,060 m ³ / Annum																
Total	4,45,300																
21. Sanctioned Period of Mine lease	5 Years																
22. Production of mine/day	396 m ³ /Day																
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF & CC ,GOI)																
24. No. of working days	225 Days																
25. Working hours/day	8 Hours																
26. No. of worker	32 Worker																
27. No. of vehicles movement/day	44 Trucks / Day																
28. Type of Land	River Bed (Govt. Land)																
29. Ultimate of Depth of Mining	1.5 m																
30. Nearest metalled road from site	1.25 Km																
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)															
	Drinking	0.32															
	Suppression of dust	9.0															
	Plantation	0.47															
	Others (if any)																
	Total	9.79 KLD															
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.83 Period of Validity- Up to 23 July 2018																
33. Any litigation pending against the project or land in any court	No																
34. Details of 500 m Cluster Map & Certificate verified by Mining Officer	01/Khanij-MMC-30(2017-2018) Dated-02-04-2018																
35. Details of Lease Area in approved DSR	Given Table on Page No-54 At Sr. No. 13																
36. Proposed CSR cost	3.50 Lac																
37. Proposed EMP cost	13.01 Lac																
38. Length and breadth of Haul Road	750 mtr Length & 6m width haulage road																

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-12

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

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

13. Area: 30.0 Acres (12.145 Ha), Effective workable Area: 21.93 Acres (8.878 Ha), River Sand/Morrum Mining at Khand No./ Gata No.-19/13, Village-Tikapur, Tehsil-Maudaha, District-Hamirpur, M/s Thakur Construction Company, Lease Area: 12.145 Ha, File No. 4201/Proposal No. (SIA/UP/ MIN /74055/2018)

A presentation was made by 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 River Sand/Morrum Mining at Khand No./ Gata No.-19/13, Village-Tikapur, Tehsil-Maudaha, District-Hamirpur, M/s Thakur Construction Company, Lease Area: 12.145 Ha.
- 2- Salient feature details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/ 74055/2018		
2. File No. allotted by SEIAA, UP	4201		
3. Name of Proponent	M/s Thakur Construction Company		
4. Full correspondence address of proponent and mobile no.	R/O-235 Uttari Kheldar Fatehpur U.P		
5. Name of Project	Area 30.0 Acre/ 12.145 Ha. effective workable area (21.93 ACRE 8.878 Ha) River Sand/Morrum Mining Project at Khand No/Gata No.-19/13 Village –Tikapur , Tehsil- Maudaha, Dist. Hamirpur. U.P		
6. Project Location(Plot.Khsra/Gata No.)	Khand No./ Gata No-19/13		
7. Name of River	Betwa River		
8. Name of Village	Tikapur		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	12.145 Ha		
13. Mineable Area (in Ha.)	8.12 Ha		
14. Zero level mRL	92.0mRL		
15. Max. & Min mRL within lease area	99.0 mRL in NE & 95.0mRL in S		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°53'12.13"N	79°59'18.75"E
	B	25°53'03.77"N	79°59'23.81"E
	C	25°52'26.23"N	79°59'10.81"E
	D	25°53'03.83"N	79°59'06.17"E
	<u>Workable Area</u>		
	Point	Latitude	Longitude
	A	25°53'12.13"N	79°59'18.75"E
	D	25°53'03.83"N	79°59'06.17"E
	E	25°53'06.94"N	79°59'10.54"E

	F	25°52'58.83"N	79°59'15.36"E														
17. Total Geological Reserves	4,50,505 m ³ /Annum																
18. Total Mineable Reserve in LOI	1,94,304m ³ /Annum																
19. Total Proposed Production	1,94,304 m ³ /Annum																
20. Proposed Production in 5 Years	<table><tr><td>Year</td><td>Production</td></tr><tr><td>1St</td><td>1,94,304 m³/ Annum</td></tr><tr><td>2nd</td><td>1,94,304 m³/ Annum</td></tr><tr><td>3rd</td><td>1,94,304 m³/ Annum</td></tr><tr><td>4th</td><td>1,94,304 m³/ Annum</td></tr><tr><td>5th</td><td>1,94,304 m³/ Annum</td></tr><tr><td>Total</td><td>9,71,520 m³</td></tr></table>			Year	Production	1 St	1,94,304 m ³ / Annum	2 nd	1,94,304 m ³ / Annum	3 rd	1,94,304 m ³ / Annum	4 th	1,94,304 m ³ / Annum	5 th	1,94,304 m ³ / Annum	Total	9,71,520 m ³
Year	Production																
1 St	1,94,304 m ³ / Annum																
2 nd	1,94,304 m ³ / Annum																
3 rd	1,94,304 m ³ / Annum																
4 th	1,94,304 m ³ / Annum																
5 th	1,94,304 m ³ / Annum																
Total	9,71,520 m ³																
21. Sanctioned Period of Mine lease	5 Years																
22. Production of mine/day	864 m ³ /Day																
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF & CC ,GOI)																
24. No. of working days	225 Days																
25. Working hours/day	8 Hours																
26. No. of worker	57 Worker																
27. No. of vehicles movement/day	96 Trucks / Day																
28. Type of Land	River Bed (Govt. Land)																
29. Ultimate of Depth of Mining	2.5 m																
30. Nearest metalled road from site	1.66 Km																
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)															
	Drinking	0.57															
	Suppression of dust	12.0															
	Plantation	0.64															
	Others (if any)																
	Total	13.21 KLD															
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.83 Period of Validity- Up to 23 July 2018																
33. Any litigation pending against the project or land in any court	No																
34. Details of 500 m Cluster Map & Certificate verified by Mining Officer	1428/Khanij-MMC-30Vividh(2017-2018) Dated-28-03-2018																
35. Details of Lease Area in approved DSR	Given Table on Page No-64 At Sr. No. 92																
36. Proposed CSR cost	4.90 Lac																
37. Proposed EMP cost	16.20 Lac																
38. Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road																

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.

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

Resolution against agenda no-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 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

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

14. Ralpur Ordinary Sand Mine at Khasra No.- 1436/22 and 1437 Khand No.- 02, Village- Ralpur, Tehsil- Lalganj, District- Raebareli, (Leased Area-8.49 Ha) Shri Shiv Bhawan Singh, File No. 4055/Proposal No. (SIA/UP/ MIN /72832/2018)

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

- 1- The environmental clearance is sought for Ralpur Ordinary Sand Mine at Gata No. 1436/22 & 1437 Khand No.02 , Village- Ralpur, Tehsil- Lalganj, District- Raebareli, (Leased Area-8.49 Ha).
- 2- Salient details:-

Project :	Ordinary Sand Mining
Proponent:	Sh. Shiv Bhawan Singh S/O Late Sh. Ramraj Singh,
Address:	77 – Bajrang Nagar, Purani Chungi, Krishna Nagar, Lucknow - 226023
Mining Lease Details:	
Letter of Intent:	2511/ Khanij -E -Tender/Sahmit-Patr /sahjani /2018 Dated 24/01/2018
Gata No. (as Mentioned in the LOI)	1436/22 Khand No.02 (as per Letter of Intent dated 24/01/2018)
Area	8.49 Ha
Actual corrected Gata Nos.	1436/22, 1437 Khand No. 2 (as per corrected LOI)
Corrected LOI No.	2587/ Khanij -E -Tender/Sahmit-Patr /sahjani /2018 dated 27/03/2018
Area	8.49 Ha (No Change in the lease area)
Approval of Mining Plan Letter	No. 2975 (1)/Ma. Plan/2017 dated 05/02/2018
Corrigendum (Letter of Mining Plan approval)	24/ Ma. Plan/2017 dated 10/04/2018
Clarification of DMO Raebareli UP to SEIAA UP vide Letter No.	2597/Khanij-Khanan Yojana-Parya U.P./2018 dated 09/04/2018

Resolution against agenda no-14

The committee scrutinized the matter and noted that the environmental clearance in the above matter was issued by SEIAA, U.P. The project proponents through their letters have requested to include the gata number in E.C. Letter. The committee discussed the matter and recommended to include the gata number in E.C. Letter “Gata No. 1436/22 Khand No.02 , Village- Ralpur, Tehsil- Lalganj, District- Raebareli, (Leased Area-8.49 Ha)”. to “Gata No. 1436/22 & 1437 Khand No.02 , Village- Ralpur, Tehsil- Lalganj, District- Raebareli, (Leased Area-8.49 Ha)”.

All the contents mentioned in the Environmental Clearance letters shall remain unchanged.

15. Proposed Riverbed Morrum Mining Project from Yamuna River for M/s Bharat Earth Movers located at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P. Sanctioned Lease Area: 24.28 ha (60 acres) Ha, Effective workable Area: 18.88 (46.65 acres), File No. 4194/Proposal No. (SIA/UP/ MIN /23679/2018)

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

- 1- The environmental clearance is sought for proposed riverbed morrum mining (yamuna river) from Khand No. 15/45 to 15/46, Village - Mahewa, Tehsil - Manjhanpur, District – Kaushambi, U.P. Sanctioned area: 24.28 ha (60 acre).
- 2- Salient features of the project:-

1. On-line proposal No.	SIA/UP/MIN/23679/2018		
2. File No. allotted by SEIAA, UP	4194		
3. Name of Proponent	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani		
4. Full correspondence address of proponent and mobile no.	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani S/o Mohd. Mukwil Usmani R/o A-1068/5, G.T.B. Nagar, Karaili, District- Allahabad, U.P.		
5. Name of Project	Morrums Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/45 to 15/46		
7. Name of River	Yamuna		
8. Name of Village	Mahewa		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrums		
12. Sanctioned Lease Area (in ha)	24.28 ha		
13. Mineable Area (in ha)	18.88 ha		
14. Zero level mRL	75mRL		
15. Max. & Min mrl within lease area	78 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'38.82"N	81° 9'33.98"E
	B	25°23'23.74"N	81° 9'42.93"E
	C	25°23'14.89"N	81° 9'32.56"E
	D	25°23'27.06"N	81° 9'19.90"E
	Workable Area		
	A	25°23'38.82"N	81° 9'33.98"E
	E	25°23'29.36"N	81° 9'22.72"E
	F	25°23'17.29"N	81° 9'35.50"E

	B	25°23'23.74"N	81° 9'42.93"E
17. Total Geological Reserves	12,14,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Chain based Bulldozer for rescue & salvage• Loader• Truck & tractors for transportation		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	145units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 26B (Rajapur- Aruwara): 1.0 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	10.8	
	Plantation	0.06	
	Others (if any)	-	
	Total	11.38 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 20; Table No. 03		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,06,452.5/-		
37. Proposed EMP cost & Total Project Cost	Rs. 22,20,400/- & Rs. 1,41,00,000/-		
38. Length and Width of Haul Road	900 m Length and 6 m width		
39. No. of Trees to be Planted	121		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-15

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

16. Sand Mining Project at Sharda River Bed, Gata No.- 183 A, Village- Sarvashivpuri, Tehsil- Lakhimpur, District- Kheri, U.P, Lease Area: 13.06 ha, File No. 4195/Proposal No. (SIA/UP/ MIN /23804/2018)

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

- 1- The environmental clearance is sought for Sand Mining Project at Sharda River Bed, Gata No.- 183 A, Village- Sarvashivpuri, Tehsil- Lakhimpur, District- Kheri, U.P, Lease Area: 13.06 ha.
- 2- Salient features of the project:-

1.	On Line Proposal No.	SEIA/UP/MIN/23804/2018		
2.	File No. Allotted By SEIAA, UP	4195		
3.	Name Of Proponent	Shri Ram Chandra Gupta , S/o Shri Nokhey Lal Gupta		
4.	Full Correspondence Address Of Proponent And Mobile Number	R/o- 3/1733, Jankipuram Vistar, Sitapur Road, Lucknow, Uttar Pradesh		
5.	Name Of Project	Sand Mining		
6.	Project Location (Plot/Khasra/Gata No.)	Gata – 183 A		
7.	Name Of River	Sharda		
8.	Name Of Village	Sarvashivpuri		
9.	Tehsil	Lakhimpur		
10.	District	Khiri		
11.	Name Of Minor Mineral	Sand		
12.	Sanctioned Lease Area In Ha	13.06		
13.	Mineable Area In Ha	11.754		
14.	Zero Level Mrl	135.5		
15.	Max. & Min MRL Within Lease Area	Max- 141.0 ; Min- 139.0 mrl		
16.	Pillar Coordinates (Verified By DMO)	Point	Latitude	Longitude
		A	27° 7' 24.540'' N	80° 51' 3.535''E
		B	27° 6' 49'' N	80° 51' 30''E
		C	28° 7'20.29"N	80°50'58.34"E
		D	28° 7'24.05"N	80°50'52.24"E
17.	Total Geological Reserve	391800.0 cubic meter		

18.	Total Mineable Reserve In LOI	156720.0 cubic meter	
19.	Total Proposed Production in 05 years	783600.0 cubic meter	
20.	Proposed Production/year	156720.0 cubic meter	
21.	Sanctioned Period Of Mine Lease	05 years	
22.	Production Of Mine/Day	696.0 cubic meter	
23.	Method Of Mining	Mannual & Semi mechanized	
24.	No. Of Working Days	225	
25.	Working Hours/Day	08 hrs max	
26.	No. Of Workers	81	
27.	No. Of Vehicles Movement/Day	25 trucks twice a day	
28.	Type Of Land	Govt. /non forest	
29.	Ultimate Depth Of Mining	1.3 m	
30.	Nearest Metalled Road From Site	SH-21- 10.30 Km, East	
31.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	3.0
		Dust suppression	22.6
		Plantation	2.2
		Others ,if any	-
		Total	27.8
32.	Name Of The QCI Accredited Consultant With QCI No. And Period Of Validity	GEOGREEN ENVIRO HOUSE PVT LTD NABET/EIA/1720/IA0023 Valid till April’2020	
33.	Any Litigation Pending Against The Project Or Land In Any Court.	No	
34.	Details Of 500m Cluster Map & Certificate Verified By Mining Officer	Letter No..... dated.....	
35.	Details Of Lease Area In Approved DSR	Page No...14... table No.....18.....	
36.	Proposed CSR Cost	Rs. 431675.0	
37.	Propose EMP Cost	Rs. 11.05 lakhs	
38.	Length And Breadth Of Haul Road	1200.0 m x 6.0 m	
39.	No. of trees to be planted	170	

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

Resolution against agenda no-16

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

17. Area: 50.0 Acres (20.242 Ha), Effective workable Area: 49.41 Acres (20.005 Ha) For River Sand/Morrum Mining Project at Khand No.- 03, Gata No.-2558, 2559, Village- Bandhauli, Tehsil- Orai, District- Jalaun, M/s Khajuraho Motors Pvt.Ltd., Lease Area: 20.242 Ha, File No. 4196/Proposal No. (SIA/UP/ MIN /23808/2018)

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

- 1- The environmental clearance is sought for River Sand/Morrum Mining Project at Khand No.- 03, Gata No.-2558, 2559, Village- Bandhauli, Tehsil- Orai, District- Jalaun, M/s Khajuraho Motors Pvt.Ltd., Lease Area: 20.242 Ha.
- 2- Salient features of the project:-

1. On-line proposal No.	SIA/UP/MIN/ 23808/2018		
2. File No. allotted by SEIAA, UP	4196		
3. Name of Proponent	M/s Khajuraho Motors Pvt. Ltd.		
4. Full correspondence address of proponent and mobile no.	R/O- Khajuraho Motors Pvt. Ltd. Distt-Chatarpur M.P.		
5. Name of Project	AREA- 50.00 ACRE (20.242HA)EFFECTIVE WORKABLE AREA(49.41 ACRE 20.005 HA) FOR RIVER SAND/MORRUM MINING AT KHAND NO.03 GATA NO. 2558, 2559, VILLAGE-BANDHAULI TEHSIL-ORAI , DISTRICT-JALAUN(U.P)		
6. Project Location(Plot.Khsra/Gata No.)	Khand No. 03 Gata No-2558, 2559		
7. Name of River	Betwa River		
8. Name of Village	Bandhauli		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	20.242 Ha		
13. Mineable Area (in Ha.)	18.30 Ha		
14. Zero level mRL	107.0mRL		
15. Max. & Min mRL within lease area	114.0 mRL in NE & 110.0mRL in S		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°51'18.64"N	79°29'23.52"E
	B	25°51'8.19"N	79°29'36.74"E
	C	25°51'15.55"N	79°29'41.99"E
	D	25°51'18.66"N	79°29'37.31"E
	E	25°51'20.74"N	79°29'38.73"E
	F	25°51'12.72"N	79°29'50.43"E
	G	25°50'54.51"N	79°29'34.07"E
	H	25°51'13.87"N	79°29'25.40"E
	I	25°51'15.69"N	79°29'27.23"E
	Workable Area		
	Point	Latitude	Longitude
	I	25°51'15.69"N	79°29'27.23"E

	B	25°51'8.19"N	79°29'36.74"E														
	C	25°51'15.55"N	79°29'41.99"E														
	D	25°51'18.66"N	79°29'37.31"E														
	E	25°51'20.74"N	79°29'38.73"E														
	F	25°51'12.72"N	79°29'50.43"E														
	G	25°50'54.51"N	79°29'34.07"E														
	H	25°51'13.87"N	79°29'25.40"E														
17. Total Geological Reserves	6,00,150 m ³ /Annum																
18. Total Mineable Reserve in LOI	3,03,630 m ³ /Annum																
19. Total Proposed Production	3,03,630 m ³ /Annum																
20. Proposed Production in 5 Years	<table><tr><td>Year</td><td>Production</td></tr><tr><td>1st</td><td>3,03,630m³/ Annum</td></tr><tr><td>2nd</td><td>3,03,630m³/ Annum</td></tr><tr><td>3rd</td><td>3,03,630m³/ Annum</td></tr><tr><td>4th</td><td>3,03,630m³/ Annum</td></tr><tr><td>5th</td><td>3,03,630m³/ Annum</td></tr><tr><td>Total</td><td>15,18,150 m³</td></tr></table>			Year	Production	1 st	3,03,630m ³ / Annum	2 nd	3,03,630m ³ / Annum	3 rd	3,03,630m ³ / Annum	4 th	3,03,630m ³ / Annum	5 th	3,03,630m ³ / Annum	Total	15,18,150 m ³
Year	Production																
1 st	3,03,630m ³ / Annum																
2 nd	3,03,630m ³ / Annum																
3 rd	3,03,630m ³ / Annum																
4 th	3,03,630m ³ / Annum																
5 th	3,03,630m ³ / Annum																
Total	15,18,150 m ³																
21. Sanctioned Period of Mine lease	5 Years																
22. Production of mine/day	1350 m ³ /Day																
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF & CC ,GOI)																
24. No. of working days	225 Days																
25. Working hours/day	8 Hours																
26. No. of worker	101 Worker																
27. No. of vehicles movement/day	150Trucks / Day																
28. Type of Land	River Bed (Govt. Land)																
29. Ultimate of Depth of Mining	2.0 m																
30. Nearest metalled road from site	1.99 Km																
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)															
	Drinking	1.1															
	Suppression of dust	6.0															
	Plantation	1.06															
	Others (if any)																
	Total	8.16 KLD															
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.83 Period of Validity- Up to 23 July 2018																
33. Any litigation pending against the project or land in any court	No																
34. Details of 500 m Cluster Map & Certificate verified by Mining Officer	1065/Khanij-MMC-30 Dated-23-03-2018																
35. Details of Lease Area in approved DSR	Given Table on Page No-54 At Sr. No. 30																
36. Proposed CSR cost	7.18 Lac																

37. Proposed EMP cost	11.67 Lac
38. Length and breadth of Haul Road	500 mtr Length & 6m width haulage road

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

Resolution against agenda no-17

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

18. Proposed Sand/Morrum Mining Project in Yamuna River at Khand No.- A-11 ,(Gata No.-250 Mi, 249, 239 Mi, 240 Mi, 241 Mi, 227 Mi, 229 Mi, 219 Mi, 212 Mi, 220 Mi, 225, 222, 221, 224, 223, 226, 244, 245, 242, Part of 252, 253, 256, Part of 251, 243, 246, 248, 247) , Village- Adhawal, Tehsil- Fatehpur, District- Fatehpur, M/s Classic Infraventures Lease Area: 40.48 Ha, File No. 4197/Proposal No. (SIA/UP/ MIN /23807/2018)

Resolution against agenda no-18

The case was deferred due to non validity of QCI consultant.

19. Proposed Sand/Morrum Mining Project in Yamuna River at Khand No.- R.K. 1A,(Gata No.-Part of 144 etc, 40, 36, 32, 68, 5) , Village- Ramnagar Kauhan, Tehsil- Fatehpur, District- Fatehpur, U.P., M/s Devyash Project & Infra-Structure Pvt. Ltd., Sanctioned Lease Area: 34.81 Ha, File No. 4198/Proposal No. (SIA/UP/ MIN /23823/2018)

Resolution against agenda no-19

The case was deferred due to non validity of QCI consultant.

20. River Sand/Morrum Mine at Araj No.- 24/8, Village- Chikasi, Tehsil- Sarila District- Hamirpur, U.P. M/s MT International, Lease Area: 36.437 ha, File No. 4205/Proposal No. (SIA/UP/ MIN /23830/2018)

Resolution against agenda no-20

The case was deferred due to non validity of QCI consultant.

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

Resolution against agenda no-21

The project proponent did not appear. The committee discussed and deliberated that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC.

The matter will be discussed only after submission of online information on aforesaid queries on prescribed portal.

**(Dr. Sarita Sinha)
Member**

**(Dr. Arvind Mathur)
Member**

**(Dr. Virendra Mishra)
Member**

**(Dr. Pramod Kumar Mishra)
Member**

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

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

**(Shri Ramesh Chand Kataria)
Member**

**(Shri Meraj Uddin)
Member**

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

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

Annexure-1

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

General Conditions:

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

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

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

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

Annexure-2

Specific Conditions for Sand Moram Mining :-

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

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

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the projected should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out. 15-
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.