

Minutes of 413th SEAC Meeting Dated 25/07/2019

The 413th meeting of SEAC was held in Directorate of Environment, U.P. on 25/07/2019 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. Virendra Misra, | Member |
| 4. | Dr. Pramod Kumar Mishra, | Member |
| 5. | Dr. Richhpal Singh Sangu, | Member |
| 6. | Shri Ramesh Chand Kataria, | Member |
| 7. | Dr. Ajoy Kumar Mandal, | Member |
| 8. | Shri Meraj Uddin, | Member |
| 9. | Shri Rajive Kumar, | Member |

The Chairman welcomed the members to the 413th SEAC meeting.

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

1. **Sand/Morrum Mining along Birma River Bed in Gata No.-135, 136, 134, 44, 30, Village-Sikandarpur Gahlod, Tehsil-Kulpahar, District-Mahoba,U.P., M/s Thakur Construction Company,Area-15.00 Ha). File No. 4296/Proposal No. SIA/UP/MIN/26049/2018**

RESOLUTION AGAINST AGENDA NO-01

The committee discussed matter and directed to defer the matter due to incomplete documents presented by the project proponent before SEAC. The matter will be discussed only after submission of complete information on prescribed online portal.

2. **Sand/Morrum Mining along Yamuna River Bed in Khand No.- 31/8 at Village-Pateora, Tehsil & District-Hamirpur, U.P., (Leased Area-36.437 Ha). File No. 4573/Proposal No. SIA/UP/MIN/29934/2018**

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining from Yamuna River Bed at Khand No.- 31/8 at Village-Pateora, Tehsil & District-Hamirpur, U.P., (Leased Area-36.437 Ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 673/Parya/SEAC/4573/2017, dated 07/02/2019.
3. The public hearing was organized on 28/03/2019 and final EIA report submitted on 21/06/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29934/2018
2. File No. allotted by SEIAA, UP	4573

3. Name of Proponent	Sri Surendra Singh Chauhan																																
4. Full correspondence address of proponent and mobile no.	Sri Surendra Singh Chauhan R/o 1055, Kidwai Nagar, District – Kanpur Nagar, Uttar Pradesh																																
5. Name of Project	Sand/Morrum mining having lease area 36.437 ha (90.03 acre) along River Yamuna in Khand No. 31/8 at Village – Pateora, Tehsil- Hamirpur, District- Hamirpur, U. P.																																
6. Project location (Plot/Khasra/Gata No.)	Khand No. 31/8																																
7. Name of River	Yamuna																																
8. Name of Village	Pateora																																
9. Tehsil	Hamirpur																																
10. District	Hamirpur																																
11. Name of Minor Mineral	Sand mining																																
12. Sanctioned Lease Area (in Ha.)	36.437 ha																																
13. Submerged Area (in ha)	6.1 ha																																
14. Mineable Area (in ha)	30.337 ha																																
15. Zero level mRL	89.0mRL																																
16. Max. & Min mRL within lease area	The highest level of area is 98.00mRL near boundary pillar “A” in south, The lowest level is 89.0mRL between boundary pillar “C” & “D”																																
17. Pillar Coordinates (Verified by DMO)	<div>Total Area</div> <table><tr><th>Pillar</th><th>N</th><th>E</th></tr><tr><td>A</td><td>25° 55' 31.92"N</td><td>80° 15' 23.25"E</td></tr><tr><td>B</td><td>25° 55' 31.99"N</td><td>80° 15' 05.30"E</td></tr><tr><td>C</td><td>25° 55'56.17"N</td><td>80° 15' 26.78"E</td></tr><tr><td>D</td><td>25° 55' 55.17"N</td><td>80° 15' 43.82"E</td></tr></table> <div>Submerged Area</div> <table><tr><th>Pillar</th><th>N</th><th>E</th></tr><tr><td>S1</td><td>25° 55' 50.50"N</td><td>80° 15' 21.61"E</td></tr><tr><td>S2</td><td>25° 55' 49.98"N</td><td>80° 15' 23.47"E</td></tr><tr><td>S3</td><td>25° 55' 54.68"N</td><td>80° 15' 39.27"E</td></tr><tr><td>S4</td><td>25° 55' 53.36"N</td><td>80° 15' 42.17"E</td></tr></table>			Pillar	N	E	A	25° 55' 31.92"N	80° 15' 23.25"E	B	25° 55' 31.99"N	80° 15' 05.30"E	C	25° 55'56.17"N	80° 15' 26.78"E	D	25° 55' 55.17"N	80° 15' 43.82"E	Pillar	N	E	S1	25° 55' 50.50"N	80° 15' 21.61"E	S2	25° 55' 49.98"N	80° 15' 23.47"E	S3	25° 55' 54.68"N	80° 15' 39.27"E	S4	25° 55' 53.36"N	80° 15' 42.17"E
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S4	25° 55' 53.36"N	80° 15' 42.17"E																															
18. Total Geological Reserves	12,24,726 m ³																																
19. Total Mineable Reserves	7,22,640 m ³																																
20. Total Proposed Production	36,43,200 m ³ (5 Year)																																
21. Proposed Production/year	7,28,640 m ³																																
22. Sanctioned Period of Mine lease	5 years																																
23. Production of mine/day	2915 m ³																																
24. Method of Mining	Opencast semi-mechanized																																
25. No. of working days	250																																
26. Working hours/day	8 hrs																																
27. No. of workers	95																																
28. No. of vehicles movement/day	243																																
29. Type of Land	Govt./Non Forest Land																																
30. Ultimate Depth of Mining	3.0 m																																
31. Nearest metalled road from site	0.630 Km																																
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)																															
	Drinking	0.95 KLD																															
	Suppression of dust	7.56 KLD @1 L for 1 sqm (2 time a day)																															
	Plantation	2.17 KLD @ 5 lit/plant																															
	Total	10.68 KLD																															
33. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 118 1 May , 2021																																

34. Any litigation pending against the project or land in any court	No
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-724/Khanij MMC- 30, Vividh (2019-20) dated 10.07.2019
36. Details of Lease Area in approved DSR	Page No- 01 Table No- 70
37. Proposed CER cost	2.20 lacs (2% of Total Cost)
38. Proposed EMP cost	10.445 lacs
39. Length and breadth of Haul Road	0.630 km and 6m
40. No. of trees to be planted	434

5. 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.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. 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.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 4 & 5 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Analytical report should be revised following the standard test methods and be signed by analyst, approved by NABL/MoEF&CC.
- 2- Aquatic study of surface water in relation to number of plankton should be provided in details.
- 3- Selection of plants for green belt should be on the basis of pollution removal index.
- 4- Site specific meteorological data should be provided.
- 5- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 6- Pakka motorable haul road to be maintained by the project proponent.
- 7- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 8- Permission from the competent authority regarding evacuation route should be taken.
- 9- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 10- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 11- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 12- Provision for cylinder to workers should be made for cooking.
- 13- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 14- Provide suitable mask to the workers.
- 15- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 16- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 17- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 18- Provision for two toilets and hand pumps should be made at mining site.

- 19- Drinking water for workers would be provided by tankers.
- 20- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 21- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 22- Corporate Environmental Responsibility (CER) plan with minimum Rs. 2.22 Lakh /annum shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. 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.
- 23- 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.
- 24- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 25- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 26- Width of the haul road shall be more than 6 meter.
- 27- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

3. Building Stone (Khanda, Gitti & Boulder) Mine at Gata No.-93, Khand No.-30, at Village-Bari, Tehsil & District- Mahoba, Leased Area-1.012 ha. File No. 4913/Proposal No. SIA/UP/MIN/38629/2019

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) Mine at Gata No.- 93, Khand No.-30, at Village-Bari, Tehsil & District- Mahoba, U.P. (Leased Area-1.012 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/38629/2019
2. File No .allotted by SEIAA,UP	4913
3. Name of Proponent	Shri Mohd. Arif Khan S/o Shri Aziz Khan
4. Full correspondence address of proponent and mobile no.	R/o- Adarsh Public School, Bhatipura, Tehsil- Mahoba, District- Mahoba, U.P.
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project
6. Project location (Plot/ Khasra /Gata No.)	Gata No.-93, Khand- 30
7. Name of Village	Bari
8. Tehsil	Mahoba
9.District	Mahoba
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)
11. Sanctioned Lease Area (in Ha.)	1.012 ha.
12. Mineable Area (in Ha.)	1.012 ha.
13.Zero level mRL	Not Applicable
14.Max.& Min mrl within lease area	167.0 mRL- 158.0 mRL

15.Pillar Coordinates(Verified by DMO)	25° 24' 54.38"N to 25° 24' 58.84"N 79° 54' 34.65"E to 79° 54' 40.50"E		
16.Total Geological Reserves	7,81,047 m ³		
17.Total Mineable Reserves	3,74,819 m ³		
18.Total Proposed Production (in five year)	50,600 m ³		
19.Proposed Production for 5 years	Year	Production	
	1 st	10,120 m ³	
	2 nd	10,120 m ³	
	3 rd	10,120 m ³	
	4 th	10,120 m ³	
	5 th	10,120 m ³	
	Total	50,600 m ³	
20.Sanctioned Period of Mine lease	10 Years		
21.Production of mine/day	33.73 m ³		
22.Method of Mining	Opencast Semi-Mechanized		
23.No.of working days	300 days		
24.Working hours/day	8 Hours/Day		
25.No.Of workers	33		
26.No.Of vehicle movement /day	4		
27.Type of Land	Govt. land Non- Agricultural		
28.Ultimate Depth of Mining	6 Meter		
29.Nearest metalled road from site	0.1 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.33	
	Suppression of dust	1.20	
	Plantation	0.47	
	Others(if any)	-----	
	Total	2.00	
31. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
32. Any litigation pending against the project or land in any court	No		
33. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO Mahoba vide Letter No. 1008/ MMC-30, 2019-20, Dated 21 st June, 2019		
34. Details of Lease Area in approved DSR	Page No.- 100, S.No.- 156		
35. Proposed CER cost	1.30 Lakh		
36. Proposed EMP cost	07.85 Lakh		
37. Length and breadth of Haul Road.	Length- 0.10 Km, Width- more than 6.0 m		
38. No. of Trees to be Planted	110		

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

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

4. Building Stone (Khanda, Gitti & Boulder) Mining at Gata No.-356, Khanda No.-03, at Village- Dudaiyan, Tehsil & District- Mahoba, U.P. (Leased Area -1.214 ha). File No. 4914/Proposal No. SIA/UP/MIN/38633/2019

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) Mining at Gata No.-356, Khanda No.-03 at Village-Dudaiyan, Tehsil & District- Mahoba, U.P. (Leased Area-1.214 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/38633/2019		
2. File No .allotted by SEIAA,UP	4914		
3. Name of Proponent	Shri Sudhir Singh S/O Late Maan Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Village– Bahinga, Post– Kahra, Tehsil & District- Mahoba, U.P.		
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- 356, Khand No.- 03		
7. Name of Village	Dudaiyan		
8. Tehsil	Mahoba		
9.District	Mahoba		
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)		
11. Sanctioned Lease Area (in Ha.)	1.214 ha.		
12. Mineable Area (in Ha.)	1.214 ha.		
13.Zero level mRL	Not Applicable		
14.Max.& Min mrl within lease area	269.0 mRL- 255.0 mRL		
15.Pillar Coordinates(Verified by DMO)	25° 11' 15.21"N to 25° 11' 21.01"N 79° 44' 13.12"E to 79° 44' 17.01"E		
16.Total Geological Reserves	10,37,090 m ³		
17.Total Mineable Reserves	4,50,000 m ³		
18.Total Proposed Production (in five year)	60,700 m ³		
19.Proposd Production for 5 years	Year	Production	
	1 st	12,140 m ³	
	2 nd	12,140 m ³	
	3 rd	12,140 m ³	
	4 th	12,140 m ³	
	5 th	12,140 m ³	
	Total	60,700 m ³	
20.Sanctioned Period of Mine lease	10 Years		
21.Production of mine/day	40.47 m ³		
22.Method of Mining	Opencast Semi-Mechanized		
23.No.of working days	300 days		
24.Working hours/day	8 Hours/Day		
25.No.Of workers	33		
26.No.Of vehicle movement /day	4		
27.Type of Land	Govt. land Non- Agricultural		
28.Ultimate Depth of Mining	6 Meter		
29.Nearest metalled road from site	0.05 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.33	
	Suppression of dust	0.60	
	Plantation	0.52	
	Others(if any)	-----	
	Total	1.45	
31. Name of QCI Accredited Consultant with QCI No and	M/s Paramarsh (Servicing Environment and Development)..		

period of validity.	Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021
32. Any litigation pending against the project or land in any court	No
33. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO Mahoba vide Letter No. 173/ MMC-30, 2019-20, Dated 09 th April, 2019
34. Details of Lease Area in approved DSR	Page No.- 82, S.No.- 46
35. Proposed CER cost	1.30 Lakh
36. Proposed EMP cost	8.0 Lakh
37. Length and breadth of Haul Road.	Length- 0.05 Km, Width- more than 6.0 m
38. No. of Trees to be Planted	125

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

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

5. Sand/Morrum Mining from Yamuna Riverbed at Gata No.-21/21, 47/9, 58/27, 54/2, 53/2, 52/2, Village-Pailani, Tehsil-Pailani, District- Banda, U.P., (Leased Area : 18.0 Ha), M/s A.V. Mining and Company File No. 4917/Proposal No. SIA/UP/MIN/38718/2019

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

1. The environmental clearance is sought for Sand/Morrum Mining from Yamuna Riverbed at Gata No.- 21/21, 47/9, 58/27, 54/2, 53/2, 52/2, Village-Pailani, Tehsil-Pailani, District- Banda, U.P., (Leased Area : 18.0 Ha), M/s A.V. Mining and Company.
2. Salient features of the project as submitted by the project proponent:

41. On-line proposal No.	SIA/UP/MIN/38718/2019
42. File No. allotted by SEIAA, UP	4917
43. Name of Proponent	M/s A.V. Mining and Company Authorized Signatory -Shri Vinay Kumar Chaturvedi
44. Full correspondence address of proponent and mobile no.	M/s A.V. Mining and Company Proprietor- Shri Vinay Kumar Chaturvedi S/o Shri Ram Das Chaturvedi, R/o Village - Jaitpur, P.O. - Udyapur, District Ambedkar Nagar, Uttar Pradesh
45. Name of Project	Sand/Morrum Mining
46. Project location (Plot/Khasra/Gata No.)	Gata No. 21/21, 47/9, 58/27, 54/2, 53/2, 52/2
47. Name of River	Ken
48. Name of Village	Pailani
49. Tehsil	Pailani
50. District	Banda
51. Name of Minor Mineral	Sand/Morrum
52. Sanctioned Lease Area (in ha)	18.0 ha

53. Mineable Area (in ha)	18.0 ha			
54. Zero level mRL	74 mRL			
55. Max. & Min mrl within lease area	83 mRL and 80 mRL			
56. Pillar Coordinates (Verified by DMO)	Sanctioned Area			
	Points	Latitude	Longitude	
	A	25°46'36.60"N	80°25'27.65"E	
	B	25°46'14.03"N	80°26'2.73"E	
	C	25°46'13.69"N	80°26'1.56"E	
	D	25°46'31.55"N	80°25'50.86"E	
	E	25°46'29.89"N	80°25'49.12"E	
	F	25°46'25.73"N	80°25'53.27"E	
	G	25°46'25.23"N	80°25'52.86"E	
	H	25°46'26.44"N	80°25'51.53"E	
	I	25°46'24.72"N	80°25'49.83"E	
	J	25°46'28.76"N	80°25'41.26"E	
	K	25°46'27.88"N	80°25'33.65"E	
57. Total Geological Reserves	9,00,000 m ³			
58. Total Mineable Reserves in LOI	3,60,000 m ³ /year			
59. Total Proposed Production	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)			
60. Proposed Production/year	3,60,000 m ³			
61. Sanctioned Period of Mine lease	5 years			
62. Production of mine/day	1309 m ³ /day			
63. Method of Mining	Opencast Semi- mechanized			
64. No. of working days	275 days			
65. Working hours/day	12 hours			
66. No. Of workers	Approximately 67 labours			
67. No. Of vehicles movement/day	87 units			
68. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)			
69. Ultimate Depth of Mining	3 m			
70. Nearest metalled road from site	MDR (Tindwari- Sumerpur Marg): 0.20 km*(W)			
71. Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	1.46		
	Suppression of dust	11.52		
	Plantation	0.045		
	Others (Stored water)	0.10		
	Total	13.125 KLD		
72. 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.			
73. Any litigation pending against the project or land in any court	None			
74. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Banda Letter No.1554/khanij- 30, Banda dated 24/07/2019			
75. Details of Lease Area in approved DSR	Page No.60			
76. Proposed CER cost	2% of total project cost i.e. Rs. 29,34,086/-			
77. Proposed EMP cost/ Total Project Cost	Rs. 31,36,781/- & 14,67,04,325/- respectively			
78. Length and Width of Haul Road	Unpaved Length 0.96 km and Paved Length 16.0 km and 6 m width			
79. No. of Trees to be Planted	90			

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

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

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

6. Sand Mining from Yamuna Riverbed at Gata No.-2/4, 2/23, 2/24 & 2/28, Khand No.-4, Village-Bendakhadar, District- Banda, U.P. (Leased Area-21.0 ha.) File No. 4918/Proposal No. SIA/UP/MIN/37231/2019

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

1. The environmental clearance is sought for Sand Mining from Yamuna Riverbed at Gata No.-2/4, 2/23, 2/24 & 2/28, Khand No.-4, Village-Bendakhadar, District- Banda, U.P. (Leased Area-21.0 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/37231/2019																	
2. File No. allotted by SEIAA, UP	4918																	
3. Name of Proponent	M/s Ashish Kumar Gautam																	
4. Full correspondence address of proponent and mobile no.	Ashish Kumar Gautam S/o- Shri Suresh Kumar Gautam R/o Basrehi, Tehsil- Atraa, Dist. Banda																	
5. Name of Project	Bendakhadar Sand/Moram Mining project																	
6. Project location (Plot/Khasra/Gata No.)	Gata No. 2/4, 2/23, 2/24 & 2/28 Khand no.- 4																	
7. Name of River	Yamuna river																	
8. Name of Village	Bendakhadar																	
9. Tehsil	Banda																	
10. District	District- Banda, Uttar Pradesh																	
11. Name of Minor Mineral	Sand/Morrum Mining																	
12. Sanctioned Lease Area (in Ha.)	21 ha.																	
13. Mineable Area (in Ha.)	18.9 Ha																	
14. Zero level mRL	87 mRL																	
15. Max. & Min mrl within lease area	93.2mRL & 90.0mRL																	
16. Pillar Coordinates (Verified by DMO)	<table><tr><th>Pillar No.</th><th>Latitude (N)</th><th>Longitude (E)</th></tr><tr><td>A</td><td>25° 42.380'N</td><td>80° 37.950'E</td></tr><tr><td>B</td><td>25° 42.395'N</td><td>80° 38.167'E</td></tr><tr><td>C</td><td>25° 42.060'N</td><td>80° 38.036'E</td></tr><tr><td>D</td><td>25° 42.092'N</td><td>80° 37.825'E</td></tr></table>			Pillar No.	Latitude (N)	Longitude (E)	A	25° 42.380'N	80° 37.950'E	B	25° 42.395'N	80° 38.167'E	C	25° 42.060'N	80° 38.036'E	D	25° 42.092'N	80° 37.825'E
Pillar No.	Latitude (N)	Longitude (E)																
A	25° 42.380'N	80° 37.950'E																
B	25° 42.395'N	80° 38.167'E																
C	25° 42.060'N	80° 38.036'E																
D	25° 42.092'N	80° 37.825'E																
17. Total Geological Reserves	6,07,880 m ³																	
18. Total Mineable Reserves in LOI	4,20,000 m ³ /Year																	
19. Total Proposed Production (in five year)	21,00,000 m ³ or 3780000 tone																	
20. Proposed Production/year	4,20,000 m ³ /Year 7,56,000 TPA																	
21. Sanctioned Period of Mine lease	05-03-2019																	
22. Production of mine/day	3024 TPD																	

23. Method of Mining	Opencast Semi-Mechanized	
24. No. of working days	250	
25. Working hours/day	8	
26. No. Of workers	123	
27. No. Of vehicles movement/day	151	
28. Type of Land	Govt Land	
29. Ultimate Depth of Mining	2 m (max 3m)	
30. Nearest metalled road from site	SH-13	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.3 KLD
	Suppression of dust	3.0 KLD
	Plantation	2.4 KLD
	Others (if any)	
	Total	7.0 kld
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=18-08-2019	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 4298/khaniz-30, Banda, Dated-02/04/2019	
35. Details of Lease Area in approved DSR	Page No.61	
36. Proposed CSR cost	RS-1,20,000/-	
37. Proposed EMP cost	Capital Rs-8,80,000/- recurring cost- Rs 3,30,000/-	
38. Length and breadth of Haul Road	1180 m, 6 m	
39. No. of Trees to be Planted	2350 plants	

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

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

7. Sand Mining from Yamuna Riverbed, Gata No.- 2/4, 2/23, 2/24 & 2/28, Khand No.- 3, at Village- Bendakhadar, Tehsil & District- Banda, U.P. (Leased Area-21.0 ha.). File No. 4919/Proposal No. SIA/UP/MIN/37265/2019

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

- The environmental clearance is sought for Sand Mining from Yamuna Riverbed, Gata No.- 2/4, 2/23, 2/24 & 2/28, Khand No.- 3, at Village- Bendakhadar, Tehsil & District- Banda, U.P. (Leased Area-21.0 ha.).
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/37265/2019
2. File No. allotted by SEIAA, UP	4919

3. Name of Proponent	M/s Maa Jayanti Infrastructure		
4. Full correspondence address of proponent and mobile no.	Shri Manish Kumar Gupta (Partner) Chotibazar, Kailashpuri, Tehsil & District- Banda, Uttar Pradesh.		
5. Name of Project	Bendakhadar Sand/morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Khand no.- 3, Gata No.- 2/4, 2/23, 2/24 & 2/28		
7. Name of River	Yamuna River		
8. Name of Village	Bendakhadar		
9. Tehsil	Banda		
10. District	District Banda, Uttar Pradesh		
11. Name of Minor Mineral	Sand/Morrum Mining		
12. Sanctioned Lease Area (in Ha.)	21.0 ha.		
13. Mineable Area (in Ha.)	18.9 Ha		
14. Zero level mRL	90.1 mRL		
15. Max. & Min mrl within lease area	92.2 mRL & 90.1mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude (N)	Longitude (E)
	A	25° 42.375'N	80° 37.682'E
	B	25° 42.380'N	80° 37.950'E
	C	25° 42.092'N	80° 37.825'E
	D	25° 42.173'N	80° 37.564'E
17. Total Geological Reserves	6,64,221 m ³		
18. Total Mineable Reserves in LOI	4,20,000 m ³ /Year		
19. Total Proposed Production (in five year)	21,00,000 m ³ or 37,80,000 tone		
20. Proposed Production/year	4,20,000 m ³ /Year 7,56,000 TPA		
21. Sanctioned Period of Mine lease	05-03-2019		
22. Production of mine/day	3,024 TPD		
23. Method of Mining	Opencast Semi-Mechanized		
24. No. of working days	250		
25. Working hours/day	8		
26. No. Of workers	58		
27. No. Of vehicles movement/day	151		
28. Type of Land	Govt Land		
29. Ultimate Depth of Mining	maximum 2 m		
30. Nearest metalled road from site	SH-13		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.6 KLD
	Suppression of dust		2.8 KLD
	Plantation		1.6 KLD
	Others (if any)		
	Total		5.0 kld
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=18-08-2019		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 03/khanij-30 Banda dated. 01-04-2019		
35. Details of Lease Area in approved DSR	Page No.61		
36. Proposed CSR cost	RS-1,50,000/-		
37. Proposed EMP cost	Capital Rs-8,70,000/- recurring cost- Rs 3,30,000/-		
38. Length and breadth of Haul Road	480 m, 6 m		
39. No. of Trees to be Planted	700 plants/year		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

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

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

8. Sand/Morrum Mining Project at Gata No.- Part of 333/7, 412, 413 & 414, Khand No.- 04, Village- Marauli Khadar, Tehsil- Pailani, District- Banda, U.P., Lease Area-23.0 Ha. File No. 4921/Proposal No. SIA/UP/MIN/38690/2019

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

1. The environmental clearance is sought for Sand/Morrum Mining Project at Gata No.- Part of 333/7, 412, 413 & 414, Khand No.- 04, Village- Marauli Khadar, Tehsil- Pailani, District- Banda, U.P., (Leased Area-23.0 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/38690/2019										
2. File No .allotted by SEIAA,UP	4921										
3. Name of Proponent	M/s V.P. Construction Prop.- Shri Vijay Pal Prajapati S/o Shri Baura Prajapati										
4. Full correspondence address of proponent and mobile no.	R/o- J-49, South City, Raibareilly Road , Thana- PGI, Lucknow - 226025										
5. Name of Project	Sand/Morrum Mining Project										
6. Project location (Plot/ Khasra /Gata No.)	Gata No.- Part of 333/7, 412, 413 & 414 (Khand No.- 04)										
7. Name of River	Ken										
8. Name of Village	Marauli Khadar										
9. Tehsil	Banda										
10.District	Banda										
11. Name of Minor Mineral	Sand/Morrum										
12. Sanctioned Lease Area (in Ha.)	23.0 ha.										
13. Mineable Area (in Ha.)	18.23 ha.										
14.Zero level mRL	95.0 mRL										
15.Max.& Min mrl within lease area	104.0 mRL- 99.0 mRL										
16.Pillar Coordinates(Verified by DMO)	25°33'33.17"N to 25°33'58.26"N 80°17'51.91E to 80°18'20.94"E										
17.Total Geological Reserves	7,66,670 m ³										
18.Total Mineable Reserves	4,60,948 m ³										
19.Total Proposed Production (in five year)	23,00,000 m ³										
20. Proposed Production for 5 years	<table><tr><th>Year</th><th>Production</th></tr><tr><td>1st</td><td>4,60,000 m³</td></tr><tr><td>2nd</td><td>4,60,000 m³</td></tr><tr><td>3rd</td><td>4,60,000 m³</td></tr><tr><td>4th</td><td>4,60,000 m³</td></tr></table>	Year	Production	1 st	4,60,000 m ³	2 nd	4,60,000 m ³	3 rd	4,60,000 m ³	4 th	4,60,000 m ³
Year	Production										
1 st	4,60,000 m ³										
2 nd	4,60,000 m ³										
3 rd	4,60,000 m ³										
4 th	4,60,000 m ³										

	5 th	4,60,000 m ³	
	Total	23,00,000 m ³	
21.Sanctioned Period of Mine lease	5 Years		
22.Production of mine/day	2044.44 m ³		
23.Method of Mining	Opencast Semi-Mechanized		
24.No.of working days	225 days		
25.Working hours/day	8 Hours/Day		
26.No.Of workers	52		
27.No.Of vehicle movement /day	171		
28.Type of Land	River Bed Govt. Land		
29.Ultimate Depth of Mining	2.60 meter (average)		
30.Nearest metallad road from site	0.30 km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	3.60	
	Plantation	0.83	
	Others(if any)	-----	
	Total	4.95	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).. Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
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	DMO, Banda vide Letter No. 4302/Khanij-30, Banda Dated 02 nd April, 2019		
35. Details of Lease Area in approved DSR	Page No.- 61, S.No.- 11.		
36. Proposed CER cost	2.65 Lakh		
37. Proposed EMP cost	9.90 Lakh		
38. Length and breadth of Haul Road.	Length- 0.30 Km, Width- more than 6.0 m		
39. No. of Trees to be Planted	205		

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

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2 to these minutes.

9. "Soil Excavation" at Gata No.-65, Village-Borumau, Tehsil- Bakshi Ka Talab, District- Lucknow, U.P. (Leased Area- 1.727 ha). File No. 4863/Proposal No. SIA/UP/MIN/37436/2019

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

1. The environmental clearance is sought for "Soil Excavation" at Gata No.-65, Village-Borumau, Tehsil- Bakshi Ka Talab, District- Lucknow, U.P. (Leased Area- 1.727 ha).

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

1. On-line proposal No.	SIA/UP/MIN/ 37436/2019		
2. File No. allotted by SEIAA, UP	4863		
3. Name of Proponent	Shri Indrapal		
4. Full correspondence address of proponent and mobile no.	Shri Indrapal S/o Late Kallu Nivasi:Village Borumau Tehsil- Bakshi Ka Talab & District:Lucknow,U.P.		
5. Name of Project	Ordinary Soil Excavation		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 65, Village: Borumau, Tehsil- Bakshi Ka Talab & District:Lucknow, U.P.		
7. Name of River	Ordinary Soil Excavation		
8. Name of Village	Borumau		
9. Tehsil	Bakshi Ka Talab		
10. District	Lucknow		
11. Name of Minor Mineral	Ordinary Soil Excavation		
12. Sanctioned Lease Area (in Ha.)	1.727 ha.		
13. Mineable Area (in Ha.)	1.5543 ha.		
14. Zero level mRL	115		
15. Max. & Min mRL within lease area	116		
16. Pillar Coordinates (Verified by DMO)	Gata No. 65	Latitude	Longitude
	A	26°58'08.56"N	80°51'40.33"E
	B	26°58'09.19"N	80°51'41.43"E
	C	26°58'06.61"N	80°51'43.29"E
	D	26°58'05.42"N	80°51'42.31"E
	E	26°58'06.71"N	80°51'40.83"E
17. Total Mineable Reserves in LOI	30000 m ³		
18. Total Geological Reserves	34540 m ³		
18.a Total Mineable Reserves	27977 m3		
19. Total Proposed Production (in per Month)	9325 cum		
20. Proposed Production/year	First Month	9325 cum	
	Second Month	9325 cum	
	Third Month	9325 cum	
21. Sanctioned Period of Mine lease	Three Months		
22. Production of mine/day	310.83 m3		
23. Method of Mining	Semi-mechanized		
24. No. of working days	90 days		
25. Working hours/day	8 hours		
26. No. Of workers	20		
27. No. Of vehicles movement/day	31 truck/day		
28. Type of Land	Private Agriculture Undulated Land		
29. Ultimate Depth of Mining	2.0 mt.		
30. Nearest metalled road from site	NH-24 distance 6.0 Km. East direction from mining site.		
31. Water Requirement(KLD) Drinking & Suppression of dust Plantation	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.200
	Suppression of dust		1.6
	Plantation		0.225
	Others (if any)		-
	Total		2.025 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and Development (QCI Certificate No. NABET/EIA/1821/RA0120 Valid up to 01 May, 2019)		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate	Letter No. 838/Varisth Sahayak(Khanan)/2019 Dated 04.06.2019		

issued by Mining Officer	
35. Details of Lease Area in approved DSR Page	NA
36. Proposed CSR cost @ 5%	49825 Ruples
37. Proposed EMP cost	9.65 Lacs
38. Length and breadth of Haul Road	0.5 km & 3 meter wide
39. No. of Trees to be Planted	5 plants per hectare (As per SSMMG,2016 Page No.75) Proposed 75 plants

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

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-3 to these minutes regarding Soil Earth mining project. The committee also stipulated following points:

1. The excavation should be carried out preferably manually if semi mechanize method is to used then light weight machine (JCB) can be used having boom length less than 03 m and capacity of bucket is less than 01 m³.
2. Top soil should be properly reutilized for soil fertility purpose.
3. If trees are growing the soil excavation permission is sought from the competent authority should be taken.

10. "Brick Earth Mining", at Village-Harnaut Bhojpur, Tehsil- Atrauli, District- Aligarh, U.P., M/s Rajesh Ent Udyog. Area- 3.414 Ha. File No. 4873/Proposal No. SIA/UP/MIN/33557/2019

RESOLUTION AGAINST AGENDA NO-10

The project proponent did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

11. "Soil Excavation" at Gata No.-578, 579, in Village- Birura, Tehsil- Sarojnagar, District- Lucknow,U.P.,(Leased Area-1.493 Ha). File No. 4878/Proposal No. SIA/UP/MIN/37156/2019

RESOLUTION AGAINST AGENDA NO-11

The project proponent did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

- 12. Brick Earth Mining at Gata No.-77 mi, 515 mi, 77 mi, Village- Jijola, Tehsil & District- Shamli, U.P., M/s Shri Balaji Brick Field. File No. 4880/Proposal No. SIA/UP/MIN/32507/2019**

RESOLUTION AGAINST AGENDA NO-12

The consultant of the project proponent informed that due to some unavoidable circumstance the project proponent is unable to attend the meeting. The committee discussed the matter and directed to defer the matter in upcoming SEAC meeting. The matter will be discussed only after submission of online request on prescribed online portal.

- 13. Brick Earth Mine Project at Khasra/Gata No.-1 kha, 21, 55, 62, 64 kha, 106, 110k, 139, 210k, Village-Maholi Khera, Rui Sinaura & Shahjadepur, Tehsil- Bhaogaon, Manpuri, M/s D S Maya Bricks Field. File No. 4882/Proposal No. SIA/UP/MIN/37521/2019**

RESOLUTION AGAINST AGENDA NO-13

The committee discussed matter and directed to defer the matter due to incomplete documents presented by the project proponent before SEAC. The matter will be discussed only after submission of complete information on prescribed online portal.

- 14. Earth Mining at Gata No.- 1180, Villge-Fattepur, Tehsil- Bhognipur, District- Kanpur Dehat, U.P., File No. 4883/Proposal No. SIA/UP/MIN/33871/2019**

RESOLUTION AGAINST AGENDA NO-14

The committee noted that the consultant of above project is not accreted by the QCI/MoEF&CC. Hence, the matter is deferred.

- 15. Brick Earth Mining at Gata No.-1298,2591,2572, 2594, 1221, 1091, 2925, 2902, 2571, 1262, 153, 154, 155, 156, Village- Naugai, Khubariyanpur & Depakpur, Mohammadabad, Tehsil- Bhaogaon, District- Kannauj, (Leased Area: 4.812 Ha) M/s B R Brick Field. File No. 4884/Proposal No. SIA/UP/MIN/35349/2019**

RESOLUTION AGAINST AGENDA NO-15

The committee noted that the consultant of above project is not accredited by the QCI/MoEF&CC. Hence, the matter is deferred.

- 16. Building Stone (Sand Stone) mine at Gata No./Araji No./Plot NO.-997MI, at Village- Sindhora, Tehsil- Sadar, District- Mirzapur, U.P., M/s Khakhi Baba Construction Company, Leased Area -4.451 ha. File No. 4749/Proposal No. SIA/UP/MIN/34920/2019**

RESOLUTION AGAINST AGENDA NO-16

The report of Shri Meraj Uddin, Member, SEAC dated 25/07/2019 may be examined for the project by SEIAA.

17. Extraction of Sand/Morrum from Yamuna river bed at Zone No./Gata No/ Khand No.- 8/3 and 8/4, Village- Rushai, Saidpur,Tehsil- Chail, District.- Kaushambi, U.P., Lease Area: 24.28 Ha. File No. 4559/Proposal No. SIA/UP/MIN/29777/2018

RESOLUTION AGAINST AGENDA NO-17

The committee noted that the matter was earlier discussed in 390th SEAC meeting dated 02/07/2019 and recommended to grant the environmental clearance alongwith general and specific conditions. After the recommendation of SEAC, the matter was listed in 272nd SEIAA meeting dated 16/04/2019 and the SEIAA directed is as follows:

“SEIAA gone through the letter of Sri Manish Singh, Kaushambi dated 31.5.19 regarding the above project. SEIAA gone through file and documents and noted that the above project was taken in its meeting dated 2-1-2019 in which SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies Hence SEIAA opined that the above letter must be referred to SEAC for review/comments.”

As per the direction of SEIAA, the matter was listed in SEAC meeting dated 25/07/2019. The committee discussed the matter and directed the Secretariat to send a letter to District Magistrate, Kaushambi for providing the factual report regarding Sri Manish Singh, Kaushambi letter dated 31/05/2019. The committee also directed that a copy of the letter should be sent to Director, Geology and Mining Department, Lucknow, Uttar Pradesh for necessary information.

18. Building Stone, Khanda,Gitti & Boulder Mining at Gata No.- 19, Khanda No.-06, Village-Ganj, Tehsil & District-Mahoba. Shri Santosh Kumar Gupta. Leased Area-1.619ha). File No. 4681/Proposal No. SIA/UP/MIN/30574/2019

RESOLUTION AGAINST AGENDA NO-18

The committee noted that the matter was earlier discussed in 390th SEIAA meeting dated 02/07/2019 and directed is as follows:

“SEIAA gone through the letter of project proponent dated 28-06-2019 regarding the above. SEIAA was informed that the above project was issued ToR but the project proponent has withdrawn the project from website. Hence SEIAA opined that the above letter shall be referred to SEAC for necessary action.”

As per the direction of SEIAA, the matter was listed in SEAC meeting dated 25/07/2019. The committee directed that this file may be treated as closed. However, the project proponent may apply again as fresh case for presentation.

19. Building Stone, (Sand Stone) Mining at Araj No.- 997 Mi, Village- Sindhora, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area-3.03 ha). File No. 4700/Proposal No. SIA/UP/MIN/32294/2019

RESOLUTION AGAINST AGENDA NO-19

The Secretariat informed the committee that the case has been disposed at the level of SEIAA.

20. Group Housing Project "IVY County" at Plot GH- 15, Sector-75, Noida, District-Gautam Buddha Nagar, U.P., M/s Perfect Megastructure Pvt. Ltd. File No. 4895/Proposal No. SIA/UP/MIS/109008/2019

A presentation was made by project proponent along with their consultant M/s Grass Roots Research & Creation India (P) Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Group Housing Project "IVY County" at Plot GH- 15, Sector-75, Noida, District-Gautam Buddha Nagar, U.P., M/s Perfect Megastructure Pvt. Ltd.
2. Salient features of the project:

S. No.	DESCRIPTION	DETAILS
1.	Location	Plot GH-15, Sector-75, Noida, U.P.
2.	Total Plot Area	20,639 m ²
3.	Built-Up Area	1,19045.07 m ²
4.	Estimated Population	3,067 persons
5.	Water Requirement	254 KLD
6.	Solid Waste	1347 kg/day
7.	Electricity load	2,700 KVA Agency: Uttar Pradesh Power Corporation Limited (UPPCL)
9.	Rain Water Harvesting	4 Pits
10.	Parking Required Parking Proposed	948 ECS (Bye Law & MoEFCC norms) 994 ECS

3. Area details of the project:

S. No.	Particulars	Area (m ²)
1.	Total Plot Area	20,639.00
2.	Permissible Ground Coverage (@ 35% of Plot Area)	7,223.65
3.	Proposed Ground Coverage (@ 25.31% of Plot Area)	5,223.65
4.	Permissible FAR (@ 2.75 of Plot Area) Purchasable FAR (@0.75 of Plot Area) 5% Additional Green Building Area of 3.5 FAR (@0.175 of Plot Area) Total FAR (@3.675 of Plot Area)	56,757.25 15,479.25 3,611.825 75,848.325
5.	Permissible 15% Additional Area for Service FAR (3.5) 15% of 72,236.5.	10,835.475
6.	Proposed FAR (3.675 of plot area) Residential Commercial	75,848.325 75,125.982 722.343
7.	Proposed Area in 15% Additional Facility Area for Housing Fire Staircase + Lift Lobby Area + Lift Shafts + Service Shafts + Services Shafts + Cupboard + Guard Room + STP + U.G. Water Tank + Community Centre + Fan Room	10,835.475
8.	Open Area	15,415.354
9.	Non FAR Stilt Basement 1 Basement 2	32,361.27 889.105 15711.264 15760.901
10.	Total Built up Area (6+7+9)	1,19,045.07
11.	No. of Floors	B+G+27
12.	Height of the Building	97.05

13.	Green Area @37.37% of Plot Area and @50.03% of Open Area	7,712.334
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4. Population details:

S. No.	Unit Type	D.U./FAR (sqm)	PPU	Total Population
1.	Residential			
	Resident s	546	4.5	2457
	Staff	@5% of main D.U.s population		123
	Visitors	@10% of main D.U.s population		246
2.	Commercial	722.343	@ 1 person/3 sqm FAR	241
	Staff		@20% of commercial population	48
	Visitors		@80% of commercial population	193
GRAND TOTAL				3,067

5. Water requirement details:

S. No.	Description	Area (in sqm)	Occupancy	Rate of water Demand (lpcd)	Total Water Requirement (KLD)
A.	DOMESTIC WATER				
1.	Residents	-	2457	86	211.3
2.	Staff	-	123	30	3.7
3.	Visitors	-	246	15	3.7
B.	COMMERCIAL				
1.	Staff	-	48	30	1.4
2.	Visitors	-	193	15	2.9
Total Domestic Water (A+B)					223 KLD
C.	HORTICULTURE AND LANDSCAPE DEVELOPMENT	7,712.334	-	@4 l/sqm/	30.85 say 31
GRAND TOTAL WATER (A+B+C) = 254 KLD					

6. Solid waste generation details:

S. No.	Category	kg per capita per day	Waste generated (kg/day)
1.	Domestic Waste		
	Residents (2457)	@ 0.5 kg/day	1228.5
	Staff (171)	@ 0.25 kg/day	42.75
	Visitors (439)	@ 0.15	65.85
2.	Landscape waste (1.90 acres)	@ 0.2 kg/acre/day	0.38
3.	STP sludge	0.35 x Waste Water Generated x BOD difference/1000	9.15
	TOTAL SOLID WASTE GENERATED		1347 kg/day

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

RESOLUTION AGAINST AGENDA NO-20

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

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.

2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
12. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
13. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
14. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
15. No parking shall be allowed outside the project boundary.
16. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
17. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
18. 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.

19. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
20. 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.
21. 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.
22. 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.
23. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
24. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
25. 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.
26. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
27. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
28. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
29. All the internal drains are to be covered till the disposal point.
30. 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.
31. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

(Dr. Sarita Sinha)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Shri Rajive Kumar)
Member

(Dr. Richhpal Singh Sangu)
Member

(Shri Ramesh Chand Kataria)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Shri Meraj Uddin)
Member

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

Annexure-1

Terms of Reference for Khada, Gitti, Boulder, Stone Mining Project

1. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
2. Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
3. MOU signed between the project proponent and the consultant should be submitted.
4. A certificate that there is no other mining area within 500 m other than the areas mentioned in the application as above.
5. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
6. Approved mining plans for all the mining projects.
7. 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.
8. 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.
9. 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.
10. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
11. 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.
12. 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.
13. Impact of change of land use should be given.
14. 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.
15. 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.
16. 02 KM kachcha haul road to be made motorable. Submit Plan.
17. 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.
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.
18. 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.
 19. 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.
 20. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 21. Details of water conservation measures proposed to be adopted in the project should be given.
 22. 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.
 23. 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.
 24. 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.
 25. Details of rainwater harvesting proposed, if any, in the project should be provided.
 26. 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.
 27. 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).
 28. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 29. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 30. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 31. 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.
 32. 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.
 33. 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.
 34. 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.
 35. 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.
36. 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.
 37. 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.
 38. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 39. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 40. 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.
 41. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 42. a. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
b. 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.
 43. 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.
 44. 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.

Terms of Reference for Sand/Moram 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. CER 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. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
6. Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
7. MOU signed between the project proponent and the consultant should be submitted.
8. The lab conducting the analysis should be authenticated and registered.
9. Public hearing to be conducted as per EIA Notification, 2006.
10. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
11. Approved mining plans for all the mining projects.
12. 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.
13. 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.
14. 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.
15. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
16. 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.
17. 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.
18. Impact of change of land use should be given.
19. 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.
20. 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.
21. 02 km kachcha haul road to be made motorable. Plan should be submitted.

22. 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.
23. 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.
24. 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.
25. 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.
26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
27. Details of water conservation measures proposed to be adopted in the project should be given.
28. 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.
29. 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.
30. 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.
31. Details of rainwater harvesting proposed, if any, in the project should be provided.
32. 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.
33. 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).
34. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
35. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
36. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
37. 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.
38. 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.
39. 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.
40. 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.
 41. 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.
 42. 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.
 43. 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.
 44. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 45. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 46. 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.
 47. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 48. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 49. 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.
 50. 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.
 51. 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.
 52. Consultant should bring raw data at the time of presentation.
 53. In surface water quality aquatic study of phytoplankton and zooplankton.
 54. The baseline data should be signed by NABL/MoEF&CC accredited analyst.
 55. The meteorological data should be site specific.

Annexure-3

General and Specific Conditions for Soil Earth Mining Projects:-

General condition:

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

Specific Conditions:

1. Approach kaccha road should be made motorable and maintained periodically.
2. Transportation of soil should be undertaken in covered containers.
3. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
4. Land to be levelled and handed over to the owners after completion of excavation work.
5. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed.
6. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
7. Top soil should be adequately preserved and should be used for landscaping.
8. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
9. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
10. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
11. Safety measures for the people working at the site shall be duly taken care of as per law.
12. The excavation work shall be done in day time only.
13. The project boundary shall be properly covered to restrict dust dispersion.
14. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
15. Noise level shall be maintained as per standards for both day and night.
16. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
17. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.

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

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. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required

safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.

37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, 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-5

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.