

Minutes of 601st SEAC-1 Meeting Dated 02/12/2021

The 601st meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 02/12/2021. Following members participated in the meeting:

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|----|-----------------------------|-----------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC-1(virtually) |
| 2. | Dr. Ajai Mishra, | Member, SEAC-1(virtually) |
| 3. | Shri Om Prakash Srivastava, | Member, SEAC-1(Virtually) |
| 4. | Dr. Brij Bihari Awasthi, | Member, SEAC-1(Virtually) |
| 5. | Shri Umesh Chandra Sharma, | Member, SEAC-1 (Virtually) |
| 6. | Dr. Ratan Kar, | Member, SEAC-1(Virtually) |

The Chairman welcomed the members to the 601st SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Assistant Nodal officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Assistant Nodal officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. Stone Mining at Araj No.-01, SI No.-35, Village-Dhuria, Tehsil-Chunar, Mirzapur.,Smt. Sushma Srivastava, Area-1.01 ha. File NO. 6634-6050/ Proposal No. SIA/UP/MIN/ 68039/2020

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Dhuria Building Stone (Sandstone) Mining project Mining project at Araz No. 01, SI. No. 35, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., of Prop. Shrimati Sushma Srivastava , (Leased Area 1.01 ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 733/Parya/SEAC/6050/2019. dated 15-01-2021. The public hearing was organized on 11.08. 2021. Final EIA report submitted on 14-10-2021.
3. **Salient features of the project as submitted by the project proponent:**

1.	The environmental clearance is sought for Dhuria Building Stone (Sandstone) Mining project Mining project at Araz No. 01, SI. No. 35, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., of Prop. Shrimati Sushma Srivastava , (Leased Area 1.01 ha)	
2.	The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 733/Parya/SEAC/6050/2019. dated 15-01-2021	
3.	The public hearing was organized on	11.08. 2021
4.	Final EIA report submitted on	14-10-2021
5.	On-line proposal No.	SIA/UP/MIN/68039/2020
6.	File No. allotted by SEIAA, UP	6634/6050
7.	Name of Proponent	Prop: Shrimati Sushma Srivastava
8.	Full correspondence address of proponent and mobile No.	R/o Village- Dhuria, Tehsil- Chunar, District- Mirzapur, (U.P.)
		Mobile No-
		Email-
9.	Name of Project	Dhuria Building Stone (Sandstone) Mining project

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10.	Project location (Plot/Khasra/Gata No.)	Arazi No. 01, Sl. No. 35																						
11.	Name of River	-																						
12.	Name of Village	Dhuria																						
13.	Tehsil	Chunar																						
14.	District	Mirzapur																						
15.	Name of Minor Mineral	Building Stone (Sandstone)																						
16.	Sanctioned Lease Area (in Ha.)	1.01 ha																						
17.	Max & Min mRL within lease area	Max- 102.95 mRL and Min- 90.50 mRL																						
18.	Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">Sanctioned Mining Lease Area</th></tr><tr><th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25° 3'42.00"N</td><td>83° 2'34.50"E</td></tr><tr><td>B</td><td>25° 3'41.90"N</td><td>83° 2'38.30"E</td></tr><tr><td>C</td><td>25° 3'39.00"N</td><td>83° 2'38.10"E</td></tr><tr><td>D</td><td>25° 3'39.00"N</td><td>83° 2'33.50"E</td></tr><tr><td>E</td><td>25° 3'38.60"N</td><td>83° 2'34.40"E</td></tr></table>		Sanctioned Mining Lease Area			Pillar No.	Latitude	Longitude	A	25° 3'42.00"N	83° 2'34.50"E	B	25° 3'41.90"N	83° 2'38.30"E	C	25° 3'39.00"N	83° 2'38.10"E	D	25° 3'39.00"N	83° 2'33.50"E	E	25° 3'38.60"N	83° 2'34.40"E
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D	25° 3'39.00"N	83° 2'33.50"E																						
E	25° 3'38.60"N	83° 2'34.40"E																						
19.	Total Geological Reserves	3,29,730 cum																						
20.	Total Mineable Reserves in LOI	10,100 cum/annum																						
21.	Total Proposed Production	50,500 cum																						
22.	Proposed Production/year	10,100 cum																						
23.	Sanctioned Period of Mine lease	Maximum 20 years																						
24.	Production of mine/day	38.85																						
25.	Method of Mining	Open Cast Semi-mechanized Method																						
26.	No. of working days	260 days																						
27.	Working hours/day	8 hrs																						
28.	No. of workers	28																						
29.	No. of vehicles movement/day	6																						
30.	Type of Land	Government waste land																						
31.	Ultimate Depth of Mining	36																						
32.	Nearest metalled road from site	.50 km																						
33.	Water Requirement	<table><tr><th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr><tr><td>Drinking</td><td>0.28</td></tr><tr><td>Suppression of dust</td><td>6.3</td></tr><tr><td>Plantation</td><td>2.0</td></tr><tr><td>Toilet</td><td>0.28</td></tr><tr><td>Total</td><td>8.86</td></tr></table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.28	Suppression of dust	6.3	Plantation	2.0	Toilet	0.28	Total	8.86										
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Drinking	0.28																							
Suppression of dust	6.3																							
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Toilet	0.28																							
Total	8.86																							
34.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022																						
35.	Any litigation pending against the project or land in any court	No																						
36.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified																						
37.	Details of Lease Area in approved DSR	Yes, given in the DSR																						
38.	Proposed CER cost	Rs 1,11,000/-																						
39.	Proposed EMP cost	Rs 3,00,000 /- Recurring Cost/Year 11,11,000 Capital Cost																						
40.	Length and breadth of Haul Road	Length: 0.523 km, width: 6 m																						

41. No. of Trees to be Planted	1000 plants
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1. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
2. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
3. There is no litigation pending in any court regarding this project.
4. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-01

The committee observed that unusual delay in public hearing on the part of District administration and U.P. Pollution Control Board. The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
 2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
 3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
 5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
 6. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
 10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
 11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
 12. The project proponent should explore the possibilities of rainwater harvesting.
2. **Stone Mining at Araj No.-399, SI No.-16, Village- Jigna, Tehsil-Chunar, Mirzapur., Shri Ravindra Kumar Srivastava, Area- 1.01 ha. File NO. 6635/6051/ Proposal No. SIA/UP/MIN/68125/2020**

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The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Jigna Building Stone (Sandstone) Mining project at Arazi No. 399 Sl.NO.-16 Village- Jigna, Tehsil- Chunar, District- Mirzapur (U.P.), of Prop. Shri Ravindra Kumar Srivastava , (Leased Area 1.01 ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no714/Parya/SEAC/6051/2019. dated 15-01-2021. The public hearing was organized on 07.08. 2021. Final EIA report submitted on 14-10-2021
3. **Salient features of the project as submitted by the project proponent:**

5. Salient features of the project as submitted by the project proponent.					
1.	Jigna Building Stone (Sandstone) Mining project at Arazi No. 399 Sl.NO.-16 Village- Jigna, Tehsil- Chunar, District- Mirzapur (U.P.), of Prop. Shri Ravindra Kumar Srivastava , (Leased Area 1.01 ha)				
2.	The terms of reference in the matter were issued by SEIAA, U.P. vide letter no714/Parya/SEAC/6051/2019. dated 15-01-2021				
3.	The public hearing was organized on		07.08. 2021		
4.	Final EIA report submitted on		14-10-2021		
5.	On-line proposal No.		SIA/UP/MIN/68125/2020		
6.	File No. allotted by SEIAA, UP		6635/6051		
7.	Name of Proponent		Prop:- Shri Ravindra Kumar Srivastava		
8.	Full correspondence address of proponent and mobile No.		R /o Village- Khusipur, Bachhawn, District- Varanasi, (U.P.)		
			Mobile No-		
			Email-		
9.	Name of Project		Jigna Building Stone (Sandstone) Mining project		
10.	Project location (Plot/Khasra/Gata No.)		Arazi No. 399 Sl.NO.-16		
11.	Name of River		-		
12.	Name of Village		Jigna		
13.	Tehsil		Chunar		
14.	District		Mirzapur		
15.	Name of Minor Mineral		Building Stone (Sandstone)		
16.	Sanctioned Lease Area (in Ha.)		1.01 ha		
17.	Max & Min mRL within lease area		116.95 mRL and 104.10 mRL		
18.	Pillar Coordinates (Verified by DMO)		Pillars	Latitude(N)	Longitude(E)
			A	25° 2'34.31"N	83° 3'18.66"E
			B	25° 2'31.10"N	83° 3'18.70"E
			C	25° 2'30.70"N	83° 3'24.20"E
			D	25° 2'31.70"N	83° 3'24.20"E
19.	Total Geological Reserves		3,24,648 cum		
20.	Total Mineable Reserves in LOI		10,100 cum/annum		
21.	Total Proposed Production		50,500 cum		
22.	Proposed Production/year		10,100 cum		
23.	Sanctioned Period of Mine lease		Maximum 20 years		
24.	Production of mine/day		38.85		
25.	Method of Mining		Open Cast Semi-mechanized Method		
26.	No. of working days		260 days		

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27. Working hours/day	8 hrs	
28. No. of workers	28	
29.No. of vehicles movement/day	6	
30. Type of Land	Government waste land	
31. Ultimate Depth of Mining	30	
32. Nearest metalled road from site	0.31 km	
33. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.28
	Suppression of dust	3.8
	Plantation	2.0
	Toilet	0.28
	Total	6.36
34. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
35. Any litigation pending against the project or land in any court	No	
36. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
37. Details of Lease Area in approved DSR	Yes, given in the DSR	
38. Proposed CER cost	Rs 1,11,000/-	
39. Proposed EMP cost	Rs 3,10,000 /- Recurring Cost/Year 11,11,000 Capital Cost including CER	
40. Length and breadth of Haul Road	Length: 0.316 km, width: 6 m	
41. No. of Trees to be Planted	1000 plants	

5. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
6. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-02

The committee observed that unusual delay in public hearing on the part of District administration and U.P. Pollution Control Board. The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.

6. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.

3. Stone Mining at Araj No.-01, SI No.-15, Village- Dhuria, Tehsil-Chunar, Mirzapur., Shri Piyush Kumar Srivastava, Area- 1.01 ha. File NO. 6636/6043/ Proposal No. SIA/UP/MIN/68185/2020

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Dhuria Building Stone (Sandstone) Mining project Mining project at Araz No. 1, SI. No. 15, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., of Prop. Shri Piyush Kumar Shrivastava, (Leased Area 1.01 ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 713/Parya/SEAC/6043/2019 Dated 15.1.2021. The public hearing was organized on 11.08.2021. Final EIA report submitted on 19.10.2021
3. **Salient features of the project as submitted by the project proponent:**

1.	The environmental clearance is sought for Dhuria Building Stone (Sandstone) Mining project Mining project at Araz No. 1, SI. No. 15, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., of Prop. Shri Piyush Kumar Shrivastava, (Leased Area 1.01 ha)	
2.	The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 713/Parya/SEAC/6043/2019 Dated 15.1.2021	
3.	The public hearing was organized on	11.08.2021
4.	Final EIA report submitted on	19.10.2021
5.	On-line proposal No.	SIA/UP/MIN/68185/2020
6.	File No. allotted by SEIAA, UP	6636/6043
7.	Name of Proponent	Prop: Shri Piyush Kumar Shrivastava
8.	Full correspondence address of proponent and mobile No.	R/o Village- Dhuria, Tehsil- Chunar, District- Mirzapur, (U.P.)
		Mobile No-

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		Email-		
9.	Name of Project	Dhuria Building Stone (Sandstone) Mining project		
10.	Project location (Plot/Khasra/Gata No.)	Arazi No. 1, Sl. No. 15		
11.	Name of River	-		
12.	Name of Village	Dhuria		
13.	Tehsil	Chunar		
14.	District	Mirzapur		
15.	Name of Minor Mineral	Building Stone (Sandstone)		
16.	Sanctioned Lease Area (in Ha.)	1.01 ha		
17.	Max & Min mRL within lease area	Max- 110.10 mRL and Min- 91.90 mRL		
18.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
19.		Pillar No.	Latitude	Longitude
		A	25° 3'47.60"N	83° 2'34.30"E
		B	25° 3'44.60"N	83° 2'34.10"E
		C	25° 3'44.70"N	83° 2'37.90"E
		D	25° 3'47.60"N	83° 2'37.80"E
20.	Total Geological Reserves	3,39,288 cum		
21.	Total Mineable Reserves in LOI	10,100 cum		
22.	Total Proposed Production	50,500 cum		
23.	Proposed Production/year	10,100 cum		
24.	Sanctioned Period of Mine lease	Maximum 20 years		
25.	Production of mine/day	38.85		
26.	Method of Mining	Open Cast Semi-mechanized Method		
27.	No. of working days	260 days		
28.	Working hours/day	8 hrs		
29.	No. of workers	28		
30.	No. of vehicles movement/day	6		
31.	Type of Land	Government waste land		
32.	Ultimate Depth of Mining	36		
33.	Nearest metalled road from site	.50 km		
34.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.28
		Suppression of dust		4.8
		Plantation		2.0
		Toilet		0.28
		Total		7.36
35.	Name of QCI Accredited Consultant	Cognizance Research India Pvt Ltd.		
36.	with QCI No and period of validity.	1922, validity= 03-02-2022		
37.	Any litigation pending against the project or land in any court	No		
39.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
41.	Details of Lease Area in approved DSR	Yes, given in the DSR		
42.				
43.	Proposed CER cost	Rs 1,11,000/-		
44.	Proposed EMP cost	Rs4,69,000 Recurring Cost		

		Rs. 11,11,000/- Capital Cost including CER
45.	Length and breadth of Haul Road	Length: 0.4 km, width: 6 m
46.	No. of Trees to be Planted	1000 plants

9. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
10. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
11. There is no litigation pending in any court regarding this project.
12. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-03

The committee observed that unusual delay in public hearing on the part of District administration and U.P. Pollution Control Board. The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.

4. Stone Mining at Araj No.-428, SI No.-06, Village- Dhuria, Tehsil-Chunar, Mirzapur., Shri Piyush Kumar Srivastava, Area- 2.02 ha. File NO. 6637/6042/ Proposal No. SIA/UP/MIN/68287/2020

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Dhuria Building Stone (Sandstone) Mining project Mining project at Arazi No. 428, Sl. No. 06, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., of Prop. Shri Piyush Kumar Shrivastava, (Leased Area 2.02 ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 832/Parya/SEAC/6042/2019 Dated 22.03.2021. The public hearing was organized on 11.08.2021. Final EIA report submitted on 19.10.2021.
3. **Salient features of the project as submitted by the project proponent:**

5. Sanction features of the project as submitted by the project proponent.				
1.	The environmental clearance is sought for Dhuria Building Stone (Sandstone) Mining project Mining project at Arazi No. 428, Sl. No. 06, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., of Prop. Shri Piyush Kumar Shrivastava, (Leased Area 2.02 ha)			
2.	The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 832/Parya/SEAC/6042/2019 Dated 22.03.2021			
3.	The public hearing was organized on	11.08.2021		
4.	Final EIA report submitted on	19.10.2021		
5.	On-line proposal No.	SIA/UP/MIN/68287/2020		
6.	File No. allotted by SEIAA, UP	6637/6042		
7.	Name of Proponent	Prop: Shri Piyush Kumar Shrivastava		
8.	Full correspondence address of proponent and mobile No.	R/o Village- Dhuria, Tehsil- Chunar, District- Mirzapur, (U.P.)		
		Mobile No-		
		Email-		
9.	Name of Project	Dhuria Building Stone (Sandstone) Mining project		
10.	Project location (Plot/Khasra/Gata No.)	Arazi No. 428, Sl. No. 06		
11.	Name of River	-		
12.	Name of Village	Dhuria		
13.	Tehsil	Chunar		
14. District		Mirzapur		
15. Name of Minor Mineral		Building Stone (Sandstone)		
16. Sanctioned Lease Area (in Ha.)		2.02 ha		
17. Max & Min mRL within lease area		Max- 115.95 mRL and Min- 105.80 mRL		
18. Pillar Coordinates (Verified by DMO)		Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	25° 2'35.50"N	83° 2'54.90"E
		B	25° 2'29.40"N	83° 2'59.30"E
		C	25° 2'29.00"N	83° 2'54.10"E
		D	25° 2'32.10"N	83° 2'51.10"E
19. Total Geological Reserves		6,28,260 cum		
20. Total Mineable Reserves in LOI		20,200 cum		

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21. Total Proposed Production	1,01,000 cum	
22. Proposed Production/year	20,200 cum	
23. Sanctioned Period of Mine lease	Maximum 20 years	
24. Production of mine/day	77.69	
25. Method of Mining	Open Cast Semi-mechanized Method	
26. No. of working days	260 days	
27. Working hours/day	8 hrs	
28. No. of workers	33	
29. No. of vehicles movement/day	11	
30. Type of Land	Government waste land	
31. Ultimate Depth of Mining	48	
32. Nearest metalled road from site	.50 km	
33. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.33
	Suppression of dust	6.096
	Plantation	4.0
	Toilet	0.33
	Total	10.756
34. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
35. Any litigation pending against the project or land in any court	No	
36. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
37. Details of Lease Area in approved DSR	Yes, given in the DSR	
38. Proposed CER cost	Rs 1,34,000/-	
39. Proposed EMP cost	EMP including CER: Rs. 21.34Lakh (Capital cost) Rs. 4.69 Lakh (Recurring cost)/annum	
40. Length and breadth of Haul Road	Length: 0.5 km, width: 6 m	
41. No. of Trees to be Planted	2000 plants	

13. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.

14. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.

15. There is no litigation pending in any court regarding this project.

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

RESOLUTION AGAINST AGENDA NO-04

The committee observed that unusual delay in public hearing on the part of District administration and U.P. Pollution Control Board. The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.

2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
 3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
 5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
 6. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
 10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
 11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
 12. The project proponent should explore the possibilities of rainwater harvesting.
5. **Moram Mining at Yamuna River Bed at Khand No. 8/6 to 8/7, Village- Rushai Maharaniya Ka Pura, Tehsil- Chaval, Kaushambi, Shri Sandeep Mishra, M/s Sandeep Enterprises, Area-15.0 ha File NO. 6642/ Proposal No. SIA/UP/MIN/ 58301/2020**

RESOLUTION AGAINST AGENDA NO-05

The secretariat informed the committee that the above project proposal has been already taken in 599th SEAC-1 Meeting Dated 26/11/2021 wherein, the committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA. Hence, no action is required at this stage.

6. **Sand/ Morrum Mining from Yamuna Riverbed at Khand No- 13/15 to 13/17, Village-Badahari, Tehsil- Manjhanpur, Kausambhi., Shri Mahesh Chandra, Area 27.17 Ha File NO. 6647/5638/ Proposal No. SIA/UP/MIN/ 68167/2020**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

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1. The environmental clearance is sought for Badahria Sand/Morrum Mining Project from Yamuna River bed, at Khand No.-13/15 to 13/17, Area -11.0Ha. for a Production of 1,10,000 cum/yr at Village-Badahari, Tehsil- Manjhanpur, District- Kausambhi, State- Uttar Pradesh by (Prop: Shri Mahesh Chandra)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 173/ Parya/ SEAC/ 5638 / 2019, dated 30 June,2020. Public Hearing conducted on 25.02.2021. Final EIA report submitted on. 25 .10.2021
3. **Salient features of the project as submitted by the project proponent:**

5. Salient features of the project as submitted by the project proponent.				
1.	The environmental clearance is sought for Badahria Sand/Morrum Mining Project from Yamuna River bed, at Khand No.-13/15 to 13/17, Area -11.0Ha. for a Production of 1,10,000 cum/yr at Village-Badahari, Tehsil- Manjhanpur, District- Kausambhi, State- Uttar Pradesh by (Prop: Shri Mahesh Chandra)			
2.	The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 173/ Parya/ SEAC/ 5638 / 2019, dated 30 June,2020,			
3.	The public hearing was organized on	Public Hearing conducted on 25.02.2021		
4.	Final EIA report submitted on	25 .10.2021		
5.	On-line proposal No.	SIA/UP/MIN/68167/2020		
6.	File No. allotted by SEIAA, UP	6647/5638		
7.	Name of Proponent	Shri Mahesh Chandra		
8.	Full correspondence address of proponent and mobile No.	Chak Nagar Dwitiy, Tehsil- Manjhanpur, District– Kausambhi, Uttar Pradesh.		
		Mobile No-		
		Email-		
9.	Name of Project	Badahari Sand/Morrum Mining Project from Yamuna River bed,		
10.	Project location (Plot/Khasra/Gata No.)	Khand No. 13/15 to 13/17		
11.	Name of River	Yamuna		
12.	Name of Village	Badahari		
13.	Tehsil	Manjhanpur		
14.	District	Kausambhi		
15.	Name of Minor Mineral	Sand/Morrum		
16.	Sanctioned Lease Area (in Ha.)	11.0		
17.	Max & Min mRL within lease area	Max- 82 mRL and Min- 80 mRL		
18.	Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude (N)	Longitude (E)
		A	25°20'37.51."	81°18'5.51"
		B	25°20'42.70"	81°18'18.62"
		C	25°20'35.43"	81°18'21.83"
		D	25°20'29.27"	81°18'6.62"
19.	Total Geological Reserves	1,82,690cum		
20.	Total Mineable Reserves in LOI	1,10,000 cum/yr		
21.	Total Proposed Production	5,05,000 cum		
22.	Proposed Production/year	1,10,000 cum		
23.	Sanctioned Period of Mine lease	5 Years		
24.	Production of mine/day	423.07		
25.	Method of Mining	Open Cast Semi-mechanized Method		
26.	No. of working days	260 days		

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27. Working hours/day	8 hrs	
28. No. of workers	58	
29.No. of vehicles movement/day	32	
30. Type of Land	Government waste land	
31. Ultimate Depth of Mining	1.1009	
32. Nearest metalled road from site	4.5 km	
33. Water Requirement	PURPOSE	WATER REQUIREMENT (KLD)
	Dust Suppression	12.948
	Plantation	11.0
	Domestic (drinking)	0.58
	Other (Toilet)	0.58
	Total	25.108
34. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
35. Any litigation pending against the project or land in any court	No	
36. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, Certified	
37. Details of Lease Area in approved DSR	Yes, Given in DSR	
39. Proposed EMP cost	Rs. 1.27 Cr capital cost including CER budget. Rs. 19,90,000 Recurring cost	
40. Length and breadth of Haul Road	Length: 1.079 km, width: 6 m	
41. No. of Trees to be Planted	11000 plants	

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

RESOLUTION AGAINST AGENDA NO-06

The committee observed that unusual delay in public hearing on the part of District administration and U.P. Pollution Control Board. The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P

5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3 years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.

7. **Sand/Morrum Mining from Betwa Riverbed at Gata No.- 747, KhandNo.- 04, Village-Pathrehta, Tehsil- Kalpi, Jalaun., Shri Arjun Malveeey, Area: 16.194 ha File NO. 6648/5930/ Proposal No. SIA/UP/MIN/ 67531/2020**

RESOLUTION AGAINST AGENDA NO-07

The project proponent/consultant requested to defer the matter in the upcoming SEAC-1 meeting. The committee discussed and directed to defer the matter as per the request made by the project proponent. The matter will be discussed only after an online request is received from the project proponent.

8. **Proposed of " Building Stone (Khanda,Gitti, Boulder) Mining" Project at Araj No.-1097, Khand No.- 08, at Village-Utiya, TehSil-Sadar, Mahoba.,Shri SadhusharanVishwakarma, Area-0.809 ha. File NO. 6649/6022/ Proposal No. SIA/UP/MIN/ 68555/2020**

RESOLUTION AGAINST AGENDA NO-08

The secretariat informed the committee that the above project proposal has been already taken in 599th SEAC-1 Meeting Dated- 26-11-2021 wherein; the committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to the minutes of 26-11-2021. Hence, no action is required at this stage.

9. Stone Mining at Arazi No.-207, Village– Alhua, Tehsil-Chunar, Mirzapur, Shri Sohan, M/s Maa Mundeshwari Devi Enterprises, Area-1.01 ha. File NO. 6654/ Proposal No. SIA/UP/MIN/236231/2021

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Stone Mining at Arazi No.-207, Village– Alhua, Tehsil-Chunar, Mirzapur, Shri Sohan, M/s Maa Mundeshwari Devi Enterprises, Area-1.01 ha.

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

1.	The Environmental Clearance is sought for Building Stone (Sandstone) Mining at Arazi/Gata no.-207, Village-Alhua, Tehsil-Chunar, District-Mirzapur, U.P., developed by M/s Maa Mundeshwari Devi Enterprises, (Leased Area-1.01 ha)													
2.	The public hearing was organized on	NA												
3.	Final EIA report submitted on	NA												
4.	On-line proposal No.	SIA/UP/MIN/236231/2021												
5.	File No. allotted by SEIAA, UP	6654												
6.	Name of Proponent	M/s Maa Mundeshwari Devi Enterprises Proponent- Shri Sohan S/o Shri Raghunath												
7.	Full correspondence address of proponent and mobile no.	R/o Village- Paharpur, Thana- Shahabganj, Tehsil- Chakia, District- Chandauli, U.P. Mobile no.- E-mail Id- maamundeshwaridevi5418@gmail.com												
8.	Name of Project	Building Stone(Sandstone) Mining Village –Alhua, Tehsil-Chunar, District– Mirzapur, Uttar Pradesh												
9.	Project Location (Plot.Khasra/Gata No.)	Gata No. –207, Village –Alhua, Tehsil-Chunar, District–Mirzapur, Uttar Pradesh												
10.	Name of River	NA												
11.	Name of Village	Alhua												
12.	Tehsil	Chunar												
13.	District	Mirzapur												
14.	Name of Minor Mineral	Building Stone(Sandstone)												
15.	Sanctioned Lease Area (in Ha.)	1.01 ha												
16.	Max. & Min mRL within lease area	Highest mRL is 102.6 S & Lowest is 94.4mRL N												
	Pillar Coordinates (Verified by DMO)	<table><tr><th>Pillar</th><th>N</th><th>E</th></tr><tr><td>A</td><td>25° 03'47.8"N</td><td>83°02'29.60"E</td></tr><tr><td>B</td><td>25° 03'51.7"N</td><td>83°02'29.00"E</td></tr><tr><td>C</td><td>25° 03'52.0"N</td><td>83°02'31.30"E</td></tr></table>	Pillar	N	E	A	25° 03'47.8"N	83°02'29.60"E	B	25° 03'51.7"N	83°02'29.00"E	C	25° 03'52.0"N	83°02'31.30"E
Pillar	N	E												
A	25° 03'47.8"N	83°02'29.60"E												
B	25° 03'51.7"N	83°02'29.00"E												
C	25° 03'52.0"N	83°02'31.30"E												

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		D	25° 03'48.0"N	83°02'31.60"E
17.	Total Geological Reserves	487990 m ³		
18.	Total Mineable Reserve (as per Approve Mine Plan)	187182 m ³		
19.	Total Proposed Production (in 5 Years)	50500 m ³ (Total in 5 Years)		
20.	Proposed Production /year	10100 m ³ /year (25250 MT)		
21.	Sanctioned Period of Mine lease	20 Years		
22.	Production of mine/day	37 m ³ /day		
23.	Method of Mining	Opencast, Semi-Mechanized		
24.	No. of working days	275		
25.	Working hours/day	8		
26.	No. of worker	21		
27.	No. of vehicles movement/day	8		
	Type of Land	Revenue land		
28.	Ultimate of Depth of Mining	77mRL(Ultimate level)		
29.	Nearest metalled road from site	120m		
30.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.21 KLD	
		Suppression of dust	0.48 KLD	
		Plantation	2.0 KLD	
		Others (if any)	-	
		Total	2.69 KLD	
31.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024		
32.	Any litigation pending against the project or land in any court	No		
33.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 1868/khanij/2021		
34.	Details of Lease Area in approved DSR	1.01 ha		
35.	Proposed CER cost	1.06 lakh		
36.	Proposed EMP cost	Total project cost-Rs 53 lakh		
37.	Length and breadth of Haul Road	120m & 6m		
38.	No. of Trees to be Planted	1000		

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

4. **The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.**
5. **There is no litigation pending in any court regarding this project.**
6. **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 the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.

10. Khanda-Boulder/ Gitti-Ballast Mining at Gata No 669 (Khand 45) Village- Khailar, Tehsil-Sadar, Jhansi., Shri Rajeev Mehta,M/s Rajand Company,Area: 2.0 ha File NO. 6657/ Proposal No. SIA/UP/MIN/ 68813/2021

The project proponent/consultant mentioned that since DSR is not provided by the mining department and District Administration. Therefor they have requested to defer the matter in the upcoming SEAC-1 meeting. The committee discussed and directed to defer the matter as per the request made by

the project proponent. The matter will be discussed only after an online request is received from the project proponent.

11. Institutional Bennett University" at Plot No.- 8, 9, 10, & 11, Sector Techzone-II, Greater Noida., M/s Bennett Institute of Higher Education File NO. 5933/ Proposal No. SIA/UP/NCP/ 57279/2020

The committee noted that the matter was earlier discussed in 559th SEAC meeting dated 16/08/2021 and directed the project proponent as follows:

“During the presentation, it was observed that being the prestigious institution, their project proposal should be a model for others. It is not upto that mark, hence, with the mutual consent of the SEAC-1 & Project Proponent/Consultant, it was decided to take up this matter on 25-08-2021. In the meantime Project Proponent/Consultant are advised to add more environment-friendly aspects to their project. The committee further directed the Project Proponent/Consultant to submit their presentation & document latest by 21-08-2021.”

The project proponent submitted their replies vide letter dated 18/11/2021.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Aplinka Solutions & Technologies Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Institutional “Bennett University” Situated at Plot No.-8, 9, 10, & 11, Sector Tech Zone-II, Greater Noida, Industrial Development Area District-Gautam Budha Nagar, U.P., M/s Bennett Institute of Higher Education.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 720/Parya/SEIAA/5933/2020, dated 15/01/2021.
3. The University spreads in approx. 68 acres of plot area consisting of the educational blocks, administrative blocks, hostels, faculty housing along with the library, cafeteria, workshop, service block and sports complex.
4. The University is developed two phases. Under Phase – I, the University has obtained EC Exemption (as per MoEF&CC Office Memorandum dated 9.12.2014) for the built up area 1,13,722.32 m².
5. Under Phase- II, the university is proposing new academic block, hostel block, guest house, library, Admin block, faculty housing as a result of which the total proposed built up area becomes 3,17,839.75 m².
6. The university will achieve zero liquid discharge during the summer season. During the rainy season and winter season the excess treated water will be utilized in the maintenance of green belt outside the project premises and remaining water will be discharged in the sewer line.
7. Existing details of the project:

Type	Block /Towers
Academic and Administrative Block	A1, A2, A3, B1, B2,
Class/Tutorials/GD/LH/Studio	N1, N2
Hostel Block	C1, C2,C3, D1, D2, D3, D4, D5, D6
Faculty Housing Block	H4
Cafeteria	E
Sports Block	K

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Library/Cafeteria/Faculty Offices	M
Workshop	T
Service Block	S
Particular	Capacity
Sewage Treatment Plant	435 KLD
Landscape Area	72,000 m ²
Organic Waste Converter	500 kg/ Day
Rain Water Harvesting Pits	17
DG Set stack height	35 m
Dual Plumbing lines	Domestic and Flushing
Waste Oil Management	320 ltrs DG Lube Oil
Solid Waste management	1200 kg/day

8. Salient features of the project (Existing + Expansion):

1	Total Plot Area (Existing + Expansion)	2,75,390 sqm
2	Total Built Up Area (Existing + Expansion)	3,17,839.75 sqm
3	Total Green Area	1,10,655.52 sqm
4	STP	3 STP of capacity 435 KLD each – SAFF Technology
5	Rain Water Harvesting Pits	17
6	Power Requirement	5 MW
7	DG Back up	1x500 kVA+1x1010 kVA + 1x2000 KVA
8	Source of Power	Pashchimanchal Vidyut Vitran Nigam Ltd
9	Total Water Requirement	1789 KLD
10	Fresh Water Requirement	914 KLD
11	Solid Waste Generation	7465 kg/day
12	Organic Waste Converter	1
13	Solar Panel	25 kW (Block A and B)
14	Parking Provided	Surface Parking : 2829 ECS Stilt Parking : 96 ECS Bus Parking : 30 nos.

9. Land use details:

Categories	Area (acres)	Percentage
Water Bodies	1,365.3	1.6
Deciduous Tree Cover	14,939.9	17.9
Degraded Scrub Land	28,887.1	34.6
Built Up Land	12,883.0	15.4
Crop Land	21,653.8	26.0
Fallow Land	3,693.6	4.4
Total	84,232.0	100.0

10. Water requirement details:

S. No.	Particular	Occupancy	Area in Sqm	Water Demand per capita (LPCD)	Fresh Water (KLD)	Treated Water (KLD)	Total Water Demand (KLD)	Wastewater generation (KLD)
1	Day scholar	2000		30	40	20	60	52
2	Hosteller	11000		86	715	231	946	803
3	Staff coming daily	3,000		30	60	30	90	78
4	Staff staying in premises	1000		86	65	21	86	73
5	Visitors	1400		15	7	14	21	20
6	HVAC cooling	3000 TR				360	360	

7	Swimming pool				27	0	27	0
8	Landscape Area		110655.5	1.8 ltr/sqm/day		199	199	
	Total				914	875	1789	1026

Source of fresh water is Greater Noida Industrial Development Authority (GNIDA).

11. Rain water harvesting details:

Type of Area	Area (m ²)	Coefficient of run-off	Peak rainfall intensity during 1 hour of rainfall (mm)	Rain water harvesting potential/hour
Roof-top	68,216.13	0.85	0.045	2609.26 m ³
Pavements	96518.35	0.7	0.045	3040.3 m ³
Green Area	1,10,655.52	0.2	0.045	995.9 m ³
Total				4036.2 m ³
Considering 15 minutes retention time, total storm water load				4036.2 x (15/60) = 1009.1 m ³
Size of recharge pit				3.14x2.25x2.25x4m
Capacity of recharge pit with providing dimension				71.53 m ³
Number of recharge pit required				=1009.1/71.53 (~14 pits)
RWH Pits installed				17

12. Waste generation details:

S. No.	Type of Waste	Quantity of Waste in Kg /Day	Managed by
1	Total Waste	7465	
2	Bio-degradable Waste (@60 % of the domestic waste)	4,481	By OWC
3	Recyclable Waste (@30% of the domestic waste)	2238	By authorized vendor with prior agreement
4	Inert Waste (@10 % of the domestic waste)	746	Bharat Oil

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

RESOLUTION AGAINST AGENDA NO. 11

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above along with following standard environmental clearance conditions prescribed by MoEF&CC, GoI:

1. Statutory compliance:

1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
 4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
 5. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
 6. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 7. Wet jet shall be provided for grinding and stone cutting.
 8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
 10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.

11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.

14. No ground water shall be used during construction phase of the project.
 15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
 18. No sewage or untreated effluent water would be discharged through storm water drains.
 19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
 21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
 9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
 10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
 1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
 2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native

species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.

3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
 4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
 2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
 3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
 2. For indoor air quality the ventilation provisions as per National Building Code of India.
 3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 4. 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. The housing may be in the form of temporary structures to be removed after the completion of the project.
 5. Occupational health surveillance of the workers shall be done on a regular basis.
 6. A First Aid Room shall be provided in the project both during construction and operations of the project.

10. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

12. Shree Agra Cement Plant (Clinker Grinding Unit) with Cement Production Capacity of 5.0 Million TPA and D.G.Sets of 1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA) along with Railway Siding at Khasra No.- 986, 1029, 1032, 1033, 1035, 1418, 1422, 1423, 1424, 1425, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1494, 1495, 1496, and 1497, Village-Nigoh Hasanpur, Sakit, Etah., M/s Shree Cement North Pvt. Ltd. File NO. 6549/ Proposal No. SIA/UP/IND/ 66107/2021

The committee observed that the case was considered in 599th SEAC-1 meeting dated 26-11-2021 wherein, “the project proponent/consultant did not appear. The committee noted and discussed request letter of the project proponent and deliberated that the project file should be capt in next upcoming proposed agenda.”

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s . J. M. Enviro Net Pvt. Ltd, Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Terms of Reference is sought for Clinker Grinding Unit with Cement Production Capacity of 5.0 Million TPA and D.G. Sets of 1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA) along with

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Railway Siding at Village: Nigoh Hasanpur, Block: Sakit, Tehsil & District: Etah (Uttar Pradesh) of Shree Agra Cement Plant (A Unit of Shree Cement North Private Limited).

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

3. **Proposed project details:**

Project Proposal	Product	Unit	Total Proposed Capacity
	Cement	Million TPA	5.0
	D.G. Set	KVA	1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA)
	Railway Siding	Part of Project	

4. **Site location of the project:**

S. No.	Particulars	Details
	Location Details	
1.	Village	Nigoh Hasanpur
2.	Block	Sakit
3.	Tehsil	Etah
4.	District	Etah
5.	State	Uttar Pradesh
B.	Geographical Co-ordinates	
1.	Latitude	27°29'23.24" N to 27°30'6.97" N
2.	Longitude	78°48'37.14" E to 78°48'59.08" E
3.	Toposheet No.	G44A10 (54 I/10), G44A11 (54 I/11), G44A14 (54 I/14) & G44A15 (54 I/15)
C.	Area Details	
1.	Total Project area	27.92 ha.
2.	Greenbelt & Plantation area	9.21 ha. (i.e. 33% of the total project area) will be developed under Greenbelt & Plantation.

5. **Salient features of the project:**

S. No.	Particulars	Requirement	Source
A.	Basic Requirement		
1.	Water Requirement (KLD)	350 KLD	Ground water and Surface water from Malawan Rajhwa Distributary Canal
2.	Power Requirement (MW)	31.9 MW	State Electricity Grid and D.G. Sets of 1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA) (for backup).
3.	Manpower Requirement	250 Persons	Unskilled / Semi-skilled - local area, Skilled - outside/ local
B.	Cost Details		
1.	Total Cost of Project (in Crores)	Rs. 653.10 Crores	-
2.	Cost for Environment Management Plan		
(i)	Capital Cost (in Crores)	Rs. 22.27 Crores	-
(ii)	Recurring Cost (Crores/ per annum)	Rs. 1.11 Crores/ annum	-

6. **Raw material details:**

S. No.	Raw Material	Requirement (MTPA)				Source	Distance & Mode of Transportation
		OPC / RHPC / SRC	PPC	PSC	Composite Cement		

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1.	Clinker	4.65	2.9	1.9	1.9	SCL's Plants located Ras, Beawar, Nawalgarh (Proposed) in Rajasthan and Raipur in Chhattisgarh	By Road & Rail Nawalgarh- 470 km Beawar- 520 km Ras- 550 km Raipur- 950 km
2.	Gypsum	0.35	0.35	0.35	0.35	Mineral & Chemical Gypsum from Nagaur and Bikaner (Raj.); Synthetic Gypsum from sister unit of Sister Company's Plants at Ras (Pali), Beawar (Ajmer) in Rajasthan Imported Gypsum from Oman & Pakistan (Kandla Port)	By Road & Rail Bikaner - 660 km Nagaur - 920 km Ras - 550 km Beawar- 520 km Kandla Port ~1190 km
3.	Fly ash	-	1.75		1.75	Jawaharpur Thermal Power Plant (UPRVUNL), Etah; Harduaganj Thermal Power Station, Aligarh and NTPC Auraiya, Power Plant, Auraiya	By Road from Adjoining area 90 km 180 km
4.	Slag	-	-	2.75	1.0	Open Market / Jindal Steel & Power Limited/Bhilai Steel Plant/Bokaro Steel Plant	By Road ~50 - 200 km Steel Plant ~1000 km
Total		5.0	5.0	5.0	5.0	-	

7. Fuel requirement details:

S. No.	Name of Fuel	Quantity Required	Calorific value (Kcal. /kg)	% Ash	% Sulphur	Source	Distance & Mode of Transportation
1.	Coal (Million Tonnes)	0.025	Indian Coal: 3700 Imported Coal: 3942	35 33.8	0.4 0.5	Local Market Indian and imported & other sources	~ 50-500 km by Road Kandla Port ~1200 km
2.	HSD (Litre)	600	9900 - 10500	0.01	0.20	Local Market	~ 50-100 km by Road
3.	Dolachar (TPD)	30	2500 - 2700	68.18	0.32	Open Market / Nearby Sponge iron plants	~ 50 to 1500 km by Road/ Rail
4.	Bio Mass (TPD)	30	2300 - 2500	15 - 22	-	Nearby Agriculture fields	~100 km by Road

8. Proposed machinery of the plant:

S. No.	Description	Unit	Capacity
1.	Cement Mill: Vertical Roller Mill (VRM)	MTPA	5.0 Million TPA (15000 TPD)
2.	Clinker Storage and Handling		
	Clinker unloader	MT	4 x 100
3.	Cement Mill Feed Hoppers		
	Clinker hopper	MT	500 x 02 No
	Gypsum hopper	MT	425 x 01 No
	Pond ash/Slag hopper	MT	400 x 01 No
	Gitty hopper	MT	425 x 01 No
4.	Fly ash Unloader	MT	100
5.	Gypsum		

	Gypsum Unloader	MT	100
	Gypsum stacking	-	Tripper belt conveyor
	Gypsum reclaiming	-	Through Pay Loader
6.	Pond Ash		
	Pond Ash Unloader	No.	2 x 100 MT
	Pond Ash Stacking		Tripper belt conv.
	Pond Ash reclaiming		Through Pay Loader
7.	Slag		
	Slag Unloader	No.	2 x 100 MT
	Slag Stacking		Tripper belt conv.
	Slag reclaiming		Through Pay Loader
8.	Hot Air Generator & coal handling	No.	HAG Capacity 8.5 M Kcal/Hr.
	Coal Unloader (100 MT) *Common Truck unloader for Gypsum/ Coal		1
9.	Packing plant (16 Spout)	No.	4
	Truck loader	No.	16
10.	Clinker loading Spout	No.	24 X 450 TPH
11.	Cement Wagon Loading Machine	No.	16 X 120 TPH
12.	Wagon Tippler	No.	1 X 1500 TPH
13.	DG Sets	KVA	1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA)
14.	Railway siding	-	Part of Project
15.	Ready mix concrete plant	For construction purpose only	

9. The project proponent has already conducted the baseline data for three months during winter season (i.e. December 2020 to February 2021) as per MoEF&CC office memorandum dated 29.08.2017 and same may be utilized for EIA Report.
10. The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended thereof).

RESOLUTION AGAINST AGENDA NO- 12

The committee discussed the matter in detailed and recommended to issue standard terms of reference for preparation of Environment Impact Assessment Report (EIA) regarding the project. As the project proponent has already conducted the baseline data for three months during winter season (i.e. December 2020 to February 2021) and same may be utilized for EIA Report. The committee also stipulated following additional TOR points:

Additional TOR Point:

- 1) Land conversion documents should be provided at the time of EIA presentation.
- 2) Sufficient measures should be adopted to minimize the air pollution.
- 3) No objection certificate should be achieved from the railway department.
- 4) Photographs of the site and mechanical devices which are to be proposed to combat various type of pollution should be exhibited.
- 5) Plantation should be proposed as per Miyawaki method i.e. planting different types of trees at very close intervals which give a good green cover. A total of 33% of the plot area should be designated for greenbelt which should be raised along the boundaries of the plot with minimum of 03 mt width along the periphery

in organized manner.

- 6) Layout plan which showing the processing unit, storage of raw material along with product storage yard etc.
- 7) Wind rose diagram, location of monitoring station and period of monitoring should be provided.

Standard terms of reference:

- 1) Executive Summary.
- 2) Introduction:
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 3) Project Description
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities
 - vi. Details of Emission, effluents, hazardous waste generation and their management.
 - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
 - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
 - ix. Hazard identification and details of proposed safety systems.
 - x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- 4) Site Details
 - i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
 - ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
 - iii. Details w.r.t. option analysis for selection of site
 - iv. Co-ordinates (lat-long) of all four corners of the site.
 - v. Google map-Earth downloaded of the project site.
 - vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial

- Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
 - viii. Land use break-up of total land of the project site (identified and acquired), government/ private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
 - ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
 - x. Geological features and Geo-hydrological status of the study area shall be included.
 - xi. Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
 - xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
 - xiii. R&R details in respect of land in line with state Government policy
- 5) Forest and wildlife related issues (if applicable):
- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
 - ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
 - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
 - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
 - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
 - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife
- 6) Environmental Status:
- i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
 - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
 - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
 - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
 - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.

- vi. Ground water monitoring at minimum at 8 locations shall be included.
 - vii. Noise levels monitoring at 8 locations within the study area.
 - viii. Soil Characteristic as per CPCB guidelines.
 - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
 - xi. Socio-economic status of the study area.
- 7) Impact and Environment Management Plan
- i. Assessment of ground level concentration of pollutants from the stack emission based on site- specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
 - ii. Water Quality modeling - in case of discharge in water body
 - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
 - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
 - v. Details of stack emission and action plan for control of emissions to meet standards.
 - vi. Measures for fugitive emission control
 - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
 - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
 - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - xii. Action plan for post-project environmental monitoring shall be submitted.
 - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

- 8) Occupational health:
 - i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
 - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, color vision and any other ocular defect) ECG, during pre-placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
 - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
 - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 9) Corporate Environment Policy:
 - i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
 - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - iv. Does the company have system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 11) Corporate Environmental Responsibility (CER):
 - i. Adequate funds shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
 - ii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
 - iii. A tabular chart with index for point wise compliance of above TOR.
- 12) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
- 13) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;
- 14) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
- 15) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
- 16) If the raw materials used have trace elements, an environment management plan shall also be included.
- 17) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
- 18) Energy consumption per ton of clinker and cement grinding

- 19) Provision of waste heat recovery boiler
- 20) Arrangement for use of hazardous waste

Assistant Nodal SEAC

(Dr. Ajai Mishra)
Member

(Om Prakash Srivastava)
Member

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Rajive Kumar)
Chairman

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

A. General Conditions:

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

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

B. Specific Conditions:

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. 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 the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
6. Explosive cannot be stored on the site.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.

12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the regional office, MoEF&CC, GoI, Lucknow, and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expense. The roads shall be blacktopped.
17. Rainwater harvesting shall be undertaken to recharge the groundwater source.
18. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow, and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial *nallahs* if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow, and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow, and U.P. Pollution Control Board regularly.
25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are 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 the 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 the

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

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

Annexure-2

General and Specific Conditions 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 Integrated Regional Office, MoEF&CC, GoI, 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 Integrated Regional Office, MoEF&CC, GoI, 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.

Specific Conditions:

1. The Environmental clearance will be co-terminus with the mining lease period.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakka motorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. 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.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. 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.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
21. 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.
22. 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.
23. 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.
24. 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.

25. 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.
26. If in future this lease area becomes part of cluster of equal to or more than 05 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.
27. 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.
28. 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.
29. 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 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. 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.
31. 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.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever 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.
33. 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.
34. 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.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. 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.
37. 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)].
38. 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.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.

41. 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.
42. 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.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. 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.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. 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 Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. 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 Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. 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.
50. 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.
51. Waste water from potable use be collected and reused for sprinkling.
52. 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.