

### **Minutes of 498<sup>th</sup> SEAC Meeting Dated 06/10/2020**

The 498<sup>th</sup> meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19) on 06/10/2020. Following members were participate in the online meeting:

1.	Dr.SaritaSinha,	Chairman
2.	Dr.VirendraMisra,	Member
3.	Dr.Pramod Kumar Mishra,	Member
4.	Dr.Ranjeet Kumar Dalela,	Member
5.	Dr.Ajoy Kumar Mandal,	Member
6.	ShriRajive Kumar,	Member
7.	ShriMerajUddin,	Member

The Chairman welcomed the members to the 498<sup>th</sup> SEAC meeting which was conducted online.

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

**1. Sand Mining at Gata No.-36 & 5mi, Khand-1B, Village-Ram Nagar Kauhan, Fatehpur., ShriTejinder Pal Singh, M/s Indore Property Pvt. Ltd., Area: 40.48 ha, File No.-4238/Proposal SIA/UP/MIN/25610/2018**

The committee noted that the matter was earlier discussed in 377<sup>th</sup> SEAC meeting dated 19/12/2018 and directed the project proponent to submit following information:

**1-** Distance of each pillar co-ordinates of the lease area from the bridge should be verified by DMO.

The project proponent submitted their replies through letter no. 222/30-Khanij (2018- 19) dated 05/04/2019 and verified map provided by DMO in SEAC on 12/06/2019. The matter was listed in 411<sup>th</sup> SEAC meeting dated 12/07/2019 and directed the project proponent to submit following information.

**1-** The committee discussed the matter and gone through the latter no. 222/30-Khanij (2018- 19), dated 05/04/2019 and verified map provided by DMO, Fatehpur and observed that a bridge passes through lease area whose distance and Geo-coordinates from each pillar has been clearly mentioned by DMO.

The committee also observed that DMO, Fatehpur also mentioned the perimeters and Geo-coordinates of remaining of area after leaving safety distance of 200 m from the bridge. Hence the committee opined since the bridge lies across the lease area so EC cannot be grated in this circumstances.

The project proponent submitted their replies through letter dated 25/09/2020. The matter was listed 498<sup>th</sup> SEAC dated 06-10-2020 meeting.

**LOI has been revised via letter no 915/30/khanij/19-20 dated 17-08-2020 after leaving a distance of 500m from the bridge by the District magistrate Fatehpur in which area from 34.81 ha.is reduced to 15.904 ha and production reduced from 696200 CUM/Year to 318080 CUM/Year.**

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

1. The environmental clearance is sought for Sand Mining at Gata No.-36 & 5mi (New Gata 30 & 31), Khand-1B, Village-Ram Nagar Kauhan, Fatehpur., ShriTejinder Pal Singh, M/s Indore Property Pvt. Ltd., Revised Area: 15.904 ha
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 338/Parya/SEAC/4238/2017 dated 20/08/2018.
3. The public hearing was organized on 05-11-2018. Final EIA report submitted by the project proponent on 23-11-2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/ 25610/2018			
2. File No. allotted by SEIAA, UP	4238			
3. Name of Proponent	M/s Indore Property Pvt Ltd			
4. Full correspondence address of proponent and mobile no.	Mr. Tejinder Pal Singh S/o Suchha Singh Ghumman, 233 Vishnupuri, Annex Indore MP			
5. Name of Project	Ram Nagar Kauhan Sand/Moram Mining project			
6. Project location (Plot/Khasra/Gata No.)	Khand 1B, Gata no.- 36 & 5mi (New Gata 30 & 31)			
7. Name of River	Yamuna River			
8. Name of Village	Ram Nagar Kauhan			
9. Tehsil	Fatehpur			
10. District	District Fatehpur, Uttar Pradesh			
11. Name of Minor Mineral	Ordinary Sand Mining			
12. Sanctioned Lease Area (in Ha. )	15.904ha.			
13. Mineable Area (in Ha. )	15.904 ha			
14. Zero level mRL	84mRL			
15. Max. & Min mrl within lease area	90 mRL&86mRL			
16. Pillar Coordinates (Verified by DMO)		Pillar No.	Latitude N	Longitude E
		A	25° 41.220'	80° 51.586'
		B	25° 41.012'	80° 51.798'
		C	25° 40.881'	80° 51.738'
		D	25° 41.122'	80° 51.454'
17. Total Mineable Reserves in LOI	318080 m <sup>3</sup> /Year			
18. Total Proposed Production (in five year)	1590400 m <sup>3</sup>			
19. Proposed Production/year	318080 m <sup>3</sup> 572544 tone/annum			
20. Sanctioned Period of Mine lease	29-03-2018 LOI Revised on 17-08-2020			
21. Production of mine/day	2290 TPD			
22. Method of Mining	Opencast OTFM			
23. No. of working days	250			
24. Working hours/day	10			
25. No. Of workers	127			

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26. No. Of vehicles movement/day	229	
27. Type of Land	Govt Land	
28. Ultimate Depth of Mining	Maximum 2.0 m	
29. Nearest metalled road from site	SH-71	
30. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>
	Drinking	1.0 KLD
	Suppression of dust	9.0 KLD
	Plantation	1.5 KLD
	<b>Total</b>	<b>11.5 kld</b>
31. Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution Validity- 10 December 2022	
32. Any litigation pending against the project or land in any court	No	
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 433/upkhanij (2017-18) dated. 29-03-2018	
34. Details of Lease Area in approved DSR	Page No.48, Table No. 21	
35. Proposed CSR cost	Rs.-5,00,000/-	
36. Proposed EMP cost	Capital Rs-9,00,000/- recurring cost- Rs 8,00,000/-	
37. Length and breadth of Haul Road	2400m, 6 m	
38. No. of Trees to be Planted	1500 plants	

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

**RESOLUTION AGAINST AGENDA NO-01**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes regarding mining project.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.

9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
  10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
  11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
  12. Provision for cylinder to workers should be made for cooking.
  13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
  14. Provide suitable mask to the workers.
  15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
  16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
  17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
  18. Provision for two toilets and hand pumps should be made at mining site.
  19. Drinking water for workers would be provided by tankers.
  20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
  21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
  22. Corporate Environmental Responsibility (CER) plan 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.
  23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
  24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
  25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
  26. Width of the haul road shall be more than 6 meter.
  27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
2. **Sand/Morrum Mining at Khasra No.-177, 178 Mi, 176, 160, 159A, 162, 161, 158, 157Mi, 156, 155, 163Mi, 154, 148, 146, 147, 145, 144, 143, 138, 142, 141, 139Mi, 140Mi, 129., Village-GadhiwaMajhigawan, Tehsil-Khaga, Fatehpur.,Area:34.00 ha, File No.-4235/Proposal SIA/UP/MIN/25595/2018**

The committee noted that the matter was earlier discussed in 452<sup>th</sup> SEAC meeting dated 05/02/2020 and directed the project proponent to submit following information:

- 1- *Observed that there is a data mismatch between DSR and LoI submitted by the project proponent.*

The project proponent submitted their replies through letter dated 05/03/2020. The matter was listed in 463<sup>th</sup> SEAC meeting dated 15/05/2020 and directed the project proponent to submit following information.

*1-The committee discussed the letter dated 29/02/2020 of Mining officer, Fatehpur and opined that Mining officer cannot make any change in LOI. Any change in LOI can only be done by the District Magistrate.*

The project proponent submitted their replies through letter dated 24/08/2020. The matter was listed in 489<sup>th</sup> SEAC meeting dated 10-09-2020 and directed the project proponent to submit following information:

*“The committee observed that the PP/consultant did not submitted required document in the official file as well as the members of the SEAC. Hence, the committee directed to defer the matter and will be discussed only after submission of online information/request on prescribed portal.”*

**RESOLUTION AGAINST AGENDA NO-02**

The project proponent submitted their replies through letter dated 24/09/2020. The matter was again listed in 498<sup>th</sup> SEAC meeting dated 06-10-2020 and SEAC noted that a letter dated 23.09.2020 of District Magistrate, Fatehpur has been submitted by project proponent through which they have informed the correctness of gata no 159 but project proponent has not submitted any clarification regarding the wrong gata nos. **127,128,130,126,125,123,124,122,121,108** which are mentioned in Form-2 of online application under location of project. SEAC discussed the matter and directed the project proponent to submit clarification regarding the wrong gata nos. mentioned in application (Form-2)

**3. Sand Mining from Kosi River Bed at Gata No.-90, Village- Bhuvra Aehatmali, Tehsil- Swaar, District- Rampur, U.P., Area -1.51.00 ha, File No.- 5811/Proposal SIA/UP/MIN/171310/2020**

The committee noted that the matter is already recommended in SEAC meeting dated 21.09.2020

**4. Building Stone, (Sand Stone) Mine at Gata No.- 547, Village- Bhojpur Pahadi, Tehsil- Sadar, District- Mirzapur, U.P., (Leased Area-2.01 ha) File No.- 5385/Proposal SIA/UP/MIN/ 131466/2020**

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

1. The environmental clearance is sought for Building Stone (sandstone) Mine at Gata No 547 Area 2.01 Ha. at Village- Bhojpur Pahadi, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh. by M/s Jagriti Infratech Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/131466/2020
2.	File No. allotted by SEIAA, UP	5385

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3.	Name of Proponent	M/s JagritiInfratech Pvt. Ltd. Prop. ShriRamendra Singh		
4.	Full correspondence address of proponent and mobile No.	Address: Village 7/364 Shivpuram, Gora Bazar Thana Kotwali Nagar Sadr Raebareli(U.P)		
5.	Name of Project	Proposed Project of Building Stone (sandstone) Mine by M/s JagritiInfratech Pvt. Ltd. Prop. ShriRamendra Singh		
6.	Project location (Plot/Khasra/Gata No.)	Gata No 547		
7.	Name of River	-		
8.	Name of Village	BhojpurPahadi		
9.	Tehsil	Sadar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone (sandstone)		
12.	Sanctioned Lease Area (in Ha.)	2.01 Ha		
13.	Max & Min mRL within lease area	Max- 88 mRLand Min- 64 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	25° 06'23.8"N	82°43'33.9"E
		B	25° 06'22.9"N	82°43'38. 0"E
		C	25° 06'17.5"N	82°43'35.4"E
		D	25°0 6'19.5"N	82°43'31.8"E
15.	Total Geological Reserves	1681727Cum		
16.	Total Mineable Reserves in LOI	620136cum		
17.	Total Proposed Production	100500 cum in 5 yr		
18.	Proposed Production/year	20100 cum/yr		
19.	Sanctioned Period of Mine lease	20 yrs		
20.	Production of mine/day	67cum/day		
21.	Method of Mining	Open Cast Semi-mechanized Method		
22.	No. of working days	300days		
23.	Working hours/day	8 hrs		
24.	No. of workers	20		
25.	No. of vehicles movement/day	09		
26.	Type of Land	Govt, Waste land		
27.	Ultimate Depth of Mining	6		
28.	Nearest metalled road from site	(NH-7) Approx. 2.0 Km towards South direction.		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.9 KLD	
		Suppression of dust	6.68 KLD	
		Plantation	1.9 KLD	
		Others (if any)	-	
		Total	9.48 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31.	Any litigation pending against the project or land in any court	No		

32.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified
33.	Details of Lease Area in approved DSR	Yes
34.	Proposed EMP cost including CER cost	Rs.6,75,000/-
35.	Length and breadth of Haul Road	Length: 1.114 km, width: 6 m
36.	No. of Trees to be Planted	642 plants

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

**RESOLUTION AGAINST AGENDA NO-04**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes regarding mining project.**

**5. Building Stone, (Sand Stone) Mining at Gata No.-547, Village-BhojpurPahadi, Tehsil-Sadar, District- Mirzapur, U.P., (Leased Area-1.01 ha) File No.- 5386/Proposal SIA/UP/MIN/131412/2019**

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

1. The environmental clearance is sought for Building Stone (sandstone) Mine by M/s Vindhya Stone Products Prop: Shri Sanjay Kumar Dubey at Gata No 547 Area 1.01 Ha at Village-BhojpurPahadi, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/131412/2019
2.	File No. allotted by SEIAA, UP	5386
3.	Name of Proponent	M/s Vindhya Stone Products Prop: Shri Sanjay Kumar Dubey S/o-Shri Vidhya Prasad Dubey
4.	Full correspondence address of proponent and mobile No.	R/o Dharsada, Ghorawal District- Sonbhadra (U.P.)
5.		<b>Mobile No-</b>
		<b>Email-</b>
	Name of Project	Proposed BhojpurPahadi Building Stone (sandstone) Mine by M/s Vindhya Stone Products, Prop. Shri Sanjay Kumar Dubey
6.	Project location	Gata No 547

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	(Plot/Khasra/GataNo.)				
7.	Name of River	-			
8.	Name of Village	BhojpurPahadi			
9.	Tehsil	Sadar			
10.	District	Mirzapur			
11.	Name of Minor Mineral	Building Stone (sandstone)			
12.	Sanctioned Lease Area (in Ha.)	1.01 Ha (total cluster area-3.267 Ha)			
13.	Max & Min mRL within lease area	Max- 88 mRLand Min- 64 mRL			
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E	
		A	25° 6'25.80"N	82°43'29.70"E	
		B	25° 6'24.20"N	82°43'31.80"E	
		C	25° 6'20.40"N	82°43'30.00"E	
		D	25° 6'21.10"N	82°43'28.60"E	
15.	Total Geological Reserves	274167 Cum			
16.	Total Mineable Reserves in LOI	130446 cum			
17.	Total Proposed Production	50500 cum in 5 yr			
18.	Proposed Production/year	10100 cum/yr			
19.	Sanctioned Period of Mine lease	20 yrs			
20.	Production of mine/day	33.7 cum/day			
21.	Method of Mining	Open Cast Semi-mechanized Method			
22.	No. of working days	300 days			
23.	Working hours/day	8 hrs			
24.	No. of workers	20			
25.	No. of vehicles movement/day	10			
26.	Type of Land	Govt, Waste land			
27.	Ultimate Depth of Mining	6			
28.	Nearest metalled road from site	Nearest Highway (NH-7) Approx. 2.2 Km towards South direction.			
29.	Water Requirement	PURPOSE			REQUIREMENT (KLD)
		Drinking			0.9 KLD
		Suppression of dust			5.49 KLD
		Plantation			1.9 KLD
		Others (if any)			-
		Total			8.29 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022			
31.	Any litigation pending against the project or land in any court	No			
32.	Details of 500 m Cluster Map	Yes, certified			

	& certificate issued by Mining Officer	
33.	Details of Lease Area in approved DSR	Yes
34.	Proposed EMP cost including CER cost	Rs.6,75,000
35.	Length and breadth of Haul Road	Length: 1.22 km, width: 6 m
36.	No. of Trees to be Planted	400 plants

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

#### **RESOLUTION AGAINST AGENDA NO-05**

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

#### **6. Stone (Khandas, Gitti & Boulder) Mining at Gata No.-42 & 44, Khand No.-05, at Village-Baruwasyodha, Tehsil-Naraini, Banda., Area-1.46 ha, File No.- 4938/Proposal SIA/UP/MIN/ 39559/2019**

The committee noted that Environment Clearance has already been issued by SEIAAUP vide letter no 289/parya/SEIAA/4938 dated 03.09.2020.

#### **7. Stone (Khanda, Gitti & Boulder) Mining at Gata No.-356, Khand No.- 04, at Village-Dudhaiya, Tehsil & District-Mahoba., Area-1.619 ha, File No.- 4999/Proposal SIA/UP/MIN/ 41376/2019**

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone, Khanda, Gitti & Boulder Mining Project, Gata No. 356 (Khand No.-04), Village- Dudhaiya, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area- 1.619 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 428/Parya/SEAC/4999/2019 dated 27/11/2019.
3. The public hearing was organized on 07/07/2020. Final EIA report submitted by the project proponent on 08-09-2020.
4. Salient features of the project as submitted by the project proponent:

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1.	On-line proposal No.	SIA/UP/MIN/41376/2019		
2.	File No. allotted by SEIAA, UP	4999		
3.	Name of Proponent	Smt. Sunita Devi W/o Shri Devendra Singh		
4.	Full correspondence address of proponent and mobile no.	R/o- Vivek Nagar, Kabrai, Tehsil &, District- Mahoba (U.P.)		
5.	Name of Project	Building Stone, Khanda, Gitti& Boulder Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No. 356 (Khand No.-04)		
7.	Name of River	NA		
8.	Name of Village	Dudhaiya		
9.	Tehsil	Mahoba		
10.	District	Mahoba (U.P.)		
11.	Name of Minor Mineral	Building Stone, Khanda, Gitti& Boulder Mining Project		
12.	Sanctioned Lease Area (in Ha.)	1.619 ha		
13.	Max.& Min mRL within lease area	Maximum-164.80 mRL Minimum- 149.10 mRL		
14.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25°11'15.79"N	79°44'18.71"E
		A'	25°11'15.53"N	79°44'22.31"E
		B	25°11'21.14"N	79°44'23.50"E
		C	25°11'21.52"N	79°44'21.10"E
		C'	25°11'19.74"N	79°44'20.78"E
		D	25°11'19.88"N	79°44'19.54"E
15.	Total Geological Reserves	4,90,392 m <sup>3</sup>		
16.	Total Mineable Reserves in LOI	16,190 m <sup>3</sup> per year		
17.	Total Proposed Production (in five year)	80,950 m <sup>3</sup>		
18.	Proposed Production / year	16,190 m <sup>3</sup> per year		
19.	Sanctioned Period of Mine lease	20 Year		
20.	Production of mine/day	53.97 m <sup>3</sup> /day		
21.	Method of Mining	Open cast, Manual, Mechanized		
22.	No. of working days	300 days		
23.	Working hours/day	8 Hours/Day		
24.	No. of workers	24		
25.	No. of vehicle movement /day	4- 5 Vehicles movement/day		
26.	Type of Land	Highly Undulated Stony Scrub.		
27.	Ultimate Depth of Mining	6.0 m		
28.	Nearest metalled road from site	NH 86 about 4.96 km towards East direction from the project site.		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.34 KLD	
		Suppression of dust	4.80 KLD	
		Plantation	0.64 KLD	
		Others( if any)	-----	
		Total	5.78 KLD( Approx. 6.0	

		<b>KLD)</b>
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1619/IA0019 and Extension valid up to 1/12/2020
31.	Any litigation pending against the project or land in any court	No
32.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	Letter No.- 5152/ एम०एम०सी०- 30/ 2020-21 dated 18/09/2020
33.	Details of Lease Area in approved DSR	Page 83, Vacant Leases - Part-2, SI. No- 7
34.	Proposed CER cost	Rs 1,80,000 (3.6% of the total Project cost)
35.	Proposed EMP cost/ Total Project cost	Rs 50,00,000 /-
36.	Length and breadth of Haul Road.	400m length and 6 m width
37.	No. of Trees to be Planted	160

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

**RESOLUTION AGAINST AGENDA NO-07**

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

**8. Sand/Morrum Mining from Ken River Riverbed at Gata No.-100, Khand No.- 01(Block No.-24) at, Village-KhaptihaKalan, Tehsil- Pailani, District-Banda, Uttar Pradesh. Sanctioned Lease Area-16.0 Ha, File No.- 4383/Proposal SIA/UP/MIN/ 28085/2018**

The committee noted that the matter was earlier discussed in 432<sup>nd</sup> SEAC meeting dated 20-11-2019 and directed the project proponent to submit following information:

The committee noted that the matter was earlier discussed in 395<sup>th</sup> SEAC meeting dated 05/04/2019 and the project proponent did not present in the meeting. The project proponent vide letter dated 22/10/2019 have requested to list the matter in next SEAC meeting. Hence, the matter was listed in 432<sup>nd</sup> SEAC meeting dated 20/11/2019.

A presentation was made by the project proponent along with their consultant M/sEnvironmental Research and Analysis, Lucknow. The committee discussed the matter and directed the project proponent to submit following information:

1. Revised cluster certificate on prescribed format.
2. Intermediate Geo coordinates verified by District Mining Officer.

3. Verified composite map.

The project proponent submitted their replies vide letter dated 30-09-2020. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining from Ken River Riverbed at Part of Gata No.-100, Khand No.- 01(Block No.-24) at, Village-KhaptihaKalan, Tehsil- Pailani, District-Banda, Uttar Pradesh. Sanctioned Lease Area-16.0 Ha
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 373/Parya/SEAC/4383/2018 dated 5/09/2019.
3. The public hearing was organized on 28/11/2018. Final EIA report submitted by the project proponent on 27/02/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28085/2018		
2. File No. allotted by SEIAA, UP	4383		
3. Name of Proponent	ShriSurenderPunia S/o ShriDharam Pal Punia		
4. Full correspondence address of proponent and mobile no.	KheriGangan(123), Hisar, Haryana-125049 S. R. Innovation L. L. P.(1051 Sector 17-B, Ifco Colony)Gurgaon, Haryana		
5. Name of Project	Sand/Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Part of Gata No.-100, Khand No. – 01 (Block No. – 24)		
7. Name of River	River Ken		
8. Name of Village	Khaptiha Kalan		
9. Tehsil	Pailani		
10. District	Banda (U.P)		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.0 Ha.		
13. Mineable Area (in Ha.)	16.0 Ha.		
14. Zero level mRL	91.0 mRL		
15. Max. & Min mrl within lease area	Maximum mRL 97.80 mRL Minimum mrl 93.60 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	A	25°40'53.15"N	80°21'4.60"E
	B	25°40'39.86"N	80°21'18.28"E
	C	25°40'32.98"N	80°21'13.38"E
	D	25°40'37.22"N	80°21'7.79"E
	E	25°40'35.80"N	80°21'8.24"E
	F	25°40'44.54"N	80°20'59.16"E
	G	25°40'44.35"N	80°20'58.59"E
	H	25°40'45.11"N	80°20'58.06"E
	I	25°40'44.71"N	80°20'57.32"E
J	25°40'48.10"N	80°20'56.73"E	
17. Total Geological Reserves	612232 m <sup>3</sup> /year		
18. Total Mineable Reserves in LOI	3,20,000 m <sup>3</sup> per year in LOI		
19. Total Proposed Production (in five year)	16,00,000 m <sup>3</sup>		
20. Proposed Production/year	3,20,000 m <sup>3</sup> per year		

21. Sanctioned Period of Mine lease	5 Year	
22. Production of mine/day	1280 m <sup>3</sup> /day	
23. Method of Mining	Open cast, Manual, semi mechanized	
24. No. of working days	250	
25. Working hours/day	8 hours/day	
26. No. Of workers	58	
27. No. Of vehicles movement/day	50 - 60 Vehicles movement/day	
28. Type of Land	Sand/ Morrum	
29. Ultimate Depth of Mining	2.1 m	
30. Nearest metalled road from site	SH-13 at 17 km towards South-East direction and NH-232 at 10.0 km towards East direction	
31. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>
	Drinking	8.4 KLD
	Suppression of dust	0.6 KLD
	Plantation	0.68 KLD
	Others (if any)	-
	<b>Total</b>	<b>9.68 KLD</b>
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow(U.P) Certificate No. NABET/EIA/1619/IA0019 and Extension valid up to December 1,2019	
33. Any litigation pending against the project or land in any court	NO	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1246/ Khanij -30 Banda dated. 07-08-2020	
35. Details of Lease Area in approved DSR	Page No. 65 Table No.22 <u>शुद्धिपत्रपत्रांक- 07/Khanij -30 बाँदा</u> <u>दिनांक:17/ 08/2018</u>	
36. Proposed CER cost	4832000 (5% of the total Project cost)	
37. Proposed EMP cost/ Total Project cost	Rs. 18,22,670 (Estimated) /Rs. 96640000	
38. Length and breadth of Haul Road	700 m length and 6 m width	
39. No. of Trees to be Planted	100	

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

**RESOLUTION AGAINST AGENDA NO-08**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes regarding mining project.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.

27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**9. Sand/Morrum Mining from Betwa River Bed at Khand No.-22/4, Village- RiruwaBasaria, Tehsil-Sarila, District- Hamirpur, U.P., M/s Malhotra Brothers, Lease Area 22.00 Ha, File No.- 5873/5668/Proposal SIA/UP/MIN/56940/2020**

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

1. The environmental clearance is sought for Sand/Morrum Mining from Riverbed at Gata No/Khand No.-22/4, Village- RiruwaBasaria, Tehsil- Sarila, District- Hamirpur, U.P. M/s Malhotra Brothers (Leased Area - 22.0 Ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 193/Parya/SEAC/4235/2017 dated 08/07/2020.
3. The public hearing was organized on 16-09-2020. Final EIA report submitted by the project proponent on 23-09-2020.
4. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/56940/2020		
2.	File No. allotted by SEIAA, UP	5873/5668		
3.	Name of Proponent	M/s Malhotra Brothers		
4.	Full correspondence address of proponent and mobile no.	R/o- Main Road, Pipriya, Madhya Pradesh		
5.	Name of Project	Area-22.0Ha For Sand/Morrum Mining at Khand No.'- 22/4, Village- RiruwaBasaria, Tehsil- Sarila, District- Hamirpur, U.P. M/s Malhotra Brothers		
6.	Project Location(Plot.Khasra/Gata No.)	Khand No'-22/4		
7.	Name of Village	RiruwaBasaria		
8.	Tehsil	Sarila		
9.	District	Hamirpur		
10.	Name of Minor Mineral	Sand/Morrum		
11.	Name of River	Betwa River		
12.	Sanctioned Lease Area (in Ha.)	22.0 Ha.		
13.	Max. & Min mRL within lease area	114.0 mRL & 103.0 mRL		
		<b>POINT</b>	<b>LATTITUDE</b>	<b>LONGITUDE</b>
		A	25°54'15.85"N	79°44'56.10"E
		B	25°54'12.50"N	79°44'59.20"E
		C	25°54'6.22"N	79°45'3.59"E
		D	25°53'57.17"N	79°45'6.56"E
		E	25°53'53.85"N	79°44'53.38"E
		F	25°54'8.12"N	79°44'46.60"E

			WORKABLE AREA		
			A	25°54'15.85"N	79°44'56.10"E
			B	25°54'12.50"N	79°44'59.20"E
			C	25°54'6.22"N	79°45'3.59"E
			D-1	25°53'58.95"N	79°45'5.97"E
			D-2	25°53'56.61"N	79°45'4.23"E
			D-3	25°53'57.89"N	79°45'4.76"E
			E	25°53'53.85"N	79°44'53.38"E
			F	25°54'8.12"N	79°44'46.60"E
			NON- WORKABLE AREA		
			D	25°53'57.17"N	79°45'6.56"E
			D-1	25°53'58.95"N	79°45'5.97"E
			D-2	25°53'56.61"N	79°45'4.23"E
			D-3	25°53'57.89"N	79°45'4.76"E
14.	Total Geological Reserves	652542m <sup>3</sup> /Annum			
15.	Total Mineable Reserve	378778m <sup>3</sup> /Annum			
16.	Total Proposed Production in LOI	351956m <sup>3</sup> /Annum			
17.	Proposed Production /year		Year	Production	
			1 <sup>St</sup>	3,51,956m <sup>3</sup> /Annum	
			2 <sup>nd</sup>	3,51,956m <sup>3</sup> /Annum	
			3 <sup>rd</sup>	3,51,956m <sup>3</sup> /Annum	
			4 <sup>th</sup>	3,51,956m <sup>3</sup> /Annum	
			5 <sup>th</sup>	3,51,956m <sup>3</sup> /Annum	
			Total	17,59,780 m <sup>3</sup>	
18.	Sanctioned Period of Mine lease	5 Years			
19.	Production of mine/day	1564m <sup>3</sup> /Day			
20.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method			
21.	No. of working days	225 Days			
22.	Working hours/day	8 Hours			
23.	No. of worker	100 Workers			
24.	No. of vehicles movement/day	174Trucks / Day (Depending on market demand)			
25.	Type of Land	Govt. Land			
26.	Ultimate of Depth of Mining	2.00 m			
27.	Nearest metalled road from site	2.50Km			
28.	Water Requirement	PURPOSE		REQUIREMENT (KLD)	
		Drinking		1.00 KLD	
		Suppression of dust		12.00 KLD	
		Plantation		2.904 KLD	
		Others (if any)			
		Total		<b>15.90 KLD(16.00 approx KLD)</b>	
29.	Name of QCI Accredited Consultant with QCI No and	Ind Tech House Consult QCI No.86			

	period of validity.	Period of Validity- 31-01-2021
30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-21/Khanij-MMC-Tees- Vividh (2019-20) Date-27.04.2020
32.	Details of Lease Area in approved DSR	Yes (Sr, No: 02) of ShuddhiPatra
33.	Proposed CER cost	2% of total project cost ie Rs 2,80,000
34.	Proposed EMP cost	22.50 Lakhs
35.	Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road
36.	No. of Trees to be Planted	726 Trees

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

**RESOLUTION AGAINST AGENDA NO-09**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.

13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**10. Sand/Morrum Mining from Yamuna River bed at Gata No.-228, Vill.-Bidauli, Tehsil-Unn, Shamli, M/s Shakumbari Mines, Area-20.469 Ha, File No.- 5874/5235/Proposal SIA/UP/MIN/56938/2019**

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

1. The environmental clearance is sought for Sand/Morrum Mining project of M/s Shakumbari Mines in Yamuna River bed at Gata No.-228, Vill.-Bidauli, Tehsil-Unn, Shamli, Area-20.469 Ha.
2. The terms of reference in the matter were issued by SEIAA, U.P. Vide letter no. 13/Parya/SEIAA/5235/2019, Dated: 08/05/2020.
3. The public hearing was organized on 06-08-2020. Final EIA report submitted by the project proponent on 23-09-2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/56938/2019
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**Minutes of 498<sup>h</sup> SEAC Meeting Dated 06/10/2020**

2. File No. allotted by SEIAA, UP	5874/5235		
3. Name of Proponent	ShriVinodDhawan (Authorized Signatory)		
4. Full correspondence address of proponent and mobile no.	Shakumbhari Mines R/o-11-12, Numish Camps Saharanpur, Uttar Pradesh, 247001		
5. Name of Project	Bidauli (Area 20.469 ha sand/morrum mine) on Yamuna river		
6. Project location (Plot/Khasra/Gata No.)	Gata No.-228, Village – Bidauli, Tehsil – Unn, District - Shamli of State - Uttar Pradesh.		
7. Name of River	Yamuna River		
8. Name of Village	Bidauli		
9. Tehsil	Unn		
10. District	Shamli		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	20.469 Hectares		
13. Mineable Area (in Ha.)	18.3496 Hectare.		
14. Zero level Mrl	234 mRL		
15. Max. & Min mrl within lease area	245 mRL-238 mRL.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	29°34'54.07"N	77°6'16.84"E
	B	29°34'57.59"N	77°6'2.54"E
	C	29°34'33.62"N	77°6'15.33"E
	D	29°34'34.77"N	77°6'28.58"E
17. Total Geological Reserves	6,14,070 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	3,07,035 m <sup>3</sup>		
19. Total Proposed Production	15,35,175 m <sup>3</sup> (for 5 years)		
20. Proposed Production/year	3,07,035 m <sup>3</sup> /Year		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1228.14 m <sup>3</sup> /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	80		
27. No. Of vehicles movement/day	136 (single way)		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2.0 m		
30. Nearest metaled road from site	1130 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.80	
	Suppression of dust	5.4	
	Plantation	9.7	
	Others (if any)	-	
	Total	15.98	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. QCI/NABET/EIA/1922/RA0159 valid till 27/10/2022		
33. Any litigation pending against the project or land in any court	No		

34. Details of 500 m Cluster Map & certificate verified by Mining Officer	2957/KHA. BI. -2019, dated 25/09/2019
35. Details of Lease Area in approved DSR	20.469 Hectares, Page 7
36. Length and breadth of Haul Road	Length 1130 m, Width 6.0 m
37. C.E.R. Cost	Rs. 2,68,825/-
38. E.M.P. Cost	Capital – 6,88,000/- , Recurring – 6,34,200/-
39. No. of Trees to be Planted	610

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

#### **RESOLUTION AGAINST AGENDA NO-10**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.

17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**11. Sand/Morrum Mining from Yamuna River Bed in Khand No.- D2, Gata No.-93min, Village-Devlan, District-Fatehpur, U.P., M/s Santosh Kumar and Sons (Leased Area-18.21 Ha) File No.- 5875/5294/Proposal SIA/UP/MIN/56937/2019**

**RESOLUTION AGAINST AGENDA NO-11**

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

**12. Sand Mining from Garra Riverbed at Gata No.- 634, 633, 632, 630 Kha, 1332, 1869 , at Village- KakraKankarKund, Tehsil- Sadar, District- Shahjanpur, U.P., (Area-11.628 Ha), File No.- 5876/5367SIA/UP/MIN/56934/2019**

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

1. The environmental clearance is sought for Ordinary Sand Mining at GATA NO: 634, 633, 632, 630 KHA, 1332,1869, River Garra Village- KakraKankarKund, Tehsil- Sadar District- Shahjahanpur, State- Uttar (Leased Area : 11.628 Ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. Vide letter no. 10/parya/SEIAA/5367/2019 dated 8th May 2020.

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3. The public hearing was organized on 10/09/2020 and Final EIA report submitted on 23/09/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/56934/2019																																																																								
2.	File No. allotted by SEIAA, UP	5876-5367																																																																								
3.	Name of Proponent	ShriPremPrakashNarang																																																																								
4.	Full correspondence address of proponent and mobile No.	R/o Krishna nagar District- Shahjanhapur, State- Uttar Pradesh																																																																								
5.	Name of Project	Proposed KakraKankarKund Ordinary Sand Mining project																																																																								
6.	Project location (Plot/Khasra/Gata No.)	GATA NO: 634, 633, 632, 630 KHA, 1332,1869																																																																								
7.	Name of River	Garra																																																																								
8.	Name of Village	KakraKankarKund																																																																								
9.	Tehsil	Sadar																																																																								
10.	District	Shahjanhapur																																																																								
11.	Name of Minor Mineral	Ordinary Sand																																																																								
12.	Sanctioned Lease Area (in Ha.)	11.628																																																																								
13.	Max & Min mRL within lease area	Max- 149 mRL towards E. Min- 143.5 mRL Towards NW																																																																								
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th align="center" colspan="3">Sanctioned Mining Lease Area</th></tr> <tr> <th align="center">Pillar No.</th><th align="center">Latitude</th><th align="center">Longitude</th></tr> </thead> <tbody> <tr> <td align="center" colspan="3">Block 1</td></tr> <tr> <td align="center">A</td><td align="center">27°52'34.44"</td><td align="center">79°53'16.97"</td></tr> <tr> <td align="center">B</td><td align="center">27°52'59.15"</td><td align="center">79°53'20.40"</td></tr> <tr> <td align="center">C</td><td align="center">27°52'54.76"</td><td align="center">79°53'23.74"</td></tr> <tr> <td align="center">D</td><td align="center">27°52'39.58"</td><td align="center">79°53'24.59"</td></tr> <tr> <td align="center">E</td><td align="center">27°52'39.51"</td><td align="center">79°53'21.16"</td></tr> <tr> <td align="center">F</td><td align="center">27°52'33.41"</td><td align="center">79°53'23.18"</td></tr> <tr> <td align="center" colspan="3">Block 2</td></tr> <tr> <td align="center">A</td><td align="center">27°52'49.99"</td><td align="center">79°53'24.58"</td></tr> <tr> <td align="center">B</td><td align="center">27°52'50.20"</td><td align="center">79°53'26.15"</td></tr> <tr> <td align="center">C</td><td align="center">27°52'47.44"</td><td align="center">79°53'26.80"</td></tr> <tr> <td align="center">D</td><td align="center">27°52'46.98"</td><td align="center">79°53'24.73"</td></tr> <tr> <td align="center" colspan="3">Block 3</td></tr> <tr> <td align="center">1</td><td align="center">27°52'19.33"</td><td align="center">79°53'24.09"</td></tr> <tr> <td align="center">2</td><td align="center">27°52'19.32"</td><td align="center">79°53'24.58"</td></tr> <tr> <td align="center">3</td><td align="center">27°52'17.01"</td><td align="center">79°53'24.44"</td></tr> <tr> <td align="center">4</td><td align="center">27°52'16.87"</td><td align="center">79°53'24.74"</td></tr> <tr> <td align="center">5</td><td align="center">27°52'14.08"</td><td align="center">79°53'24.15"</td></tr> <tr> <td align="center">6</td><td align="center">27°52'14.31"</td><td align="center">79°53'23.63"</td></tr> <tr> <td align="center">7</td><td align="center">27°52'13.47"</td><td align="center">79°53'22.63"</td></tr> <tr> <td align="center">8</td><td align="center">27°52'14.73"</td><td align="center">79°53'21.06"</td></tr> <tr> <td align="center">9</td><td align="center">27°52'17.43"</td><td align="center">79°53'23.54"</td></tr> </tbody> </table>	Sanctioned Mining Lease Area			Pillar No.	Latitude	Longitude	Block 1			A	27°52'34.44"	79°53'16.97"	B	27°52'59.15"	79°53'20.40"	C	27°52'54.76"	79°53'23.74"	D	27°52'39.58"	79°53'24.59"	E	27°52'39.51"	79°53'21.16"	F	27°52'33.41"	79°53'23.18"	Block 2			A	27°52'49.99"	79°53'24.58"	B	27°52'50.20"	79°53'26.15"	C	27°52'47.44"	79°53'26.80"	D	27°52'46.98"	79°53'24.73"	Block 3			1	27°52'19.33"	79°53'24.09"	2	27°52'19.32"	79°53'24.58"	3	27°52'17.01"	79°53'24.44"	4	27°52'16.87"	79°53'24.74"	5	27°52'14.08"	79°53'24.15"	6	27°52'14.31"	79°53'23.63"	7	27°52'13.47"	79°53'22.63"	8	27°52'14.73"	79°53'21.06"	9	27°52'17.43"	79°53'23.54"
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15.	Total Geological Reserves	2,95,628 m <sup>3</sup>																																																																								
16.	Total Mineable Reserves in LOI	1,74,420 m <sup>3</sup> /Annum																																																																								
17.	Total Proposed Production	8,72,100m <sup>3</sup> in 5 year																																																																								
18.	Proposed Production/year	1,74,420m <sup>3</sup>																																																																								
19.	Sanctioned Period of Mine lease	5 years																																																																								
20.	Production of mine/day	670.84 cum																																																																								
21.	Method of Mining	Semi-mechanised																																																																								

22	No. of working days	260 Days	
23	Working hours/day	8 hours	
24	No. of workers	99	
25	No. of vehicles movement/day	42	
26	Type of Land	Government Land	
27	Ultimate Depth of Mining	3m	
28	Nearest metalled road from site	0.40 Km	
29	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	1.5
		Suppression of dust	6.0
		Plantation	7.5
		Others (if any)	-
		Total	15 KLD
30	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
31	Any litigation pending against the project or land in any court	No	
32	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
33	Details of Lease Area in approved DSR	Yes, given in the DSR	
34	Proposed CER cost	Rs 1,90,000/-	
35	Proposed EMP cost	Capital Cost-Rs.5.40Lac Recurring Cost-4.20 Lac	
36	Length and breadth of Haul Road	Length: 250m, Width: 6m	
37	No. of Trees to be Planted	500 plants	

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

#### **RESOLUTION AGAINST AGENDA NO-12**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 &3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.

6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**13. River Bed Sand/Morrum Mining at Gata No.-05A, Gata No.- 2556 & 2557, Village-Bandhauli, Tehsil- Urai, Distt.- Jalaun, U.P., ShriSumit Kumar Singh, M/s A.S.V.P. Construction, Area 36.437 Ha, File No.-5878/5664SIA/UP/MIN/56971/2020**

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

1. The environmental clearance is sought for Sand Mining from Riverbed at Khand No.-05/A GataNo-2556 & 2557 Village- Bandhauli, Tehsil- Urai, District- Jalaun, U.P. (Leased Area- 36.437 Ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no.212/Parya/SEAC/5664/2019 dated 27-07-2020.
3. The public hearing was organized on 18-09-2020. Final EIA report submitted by the project proponent on 24-09-2020.
4. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/56971/2020		
2.	File No. allotted by SEIAA, UP	5878/5664		
3.	Name of Proponent	ASVP Construction		
4.	Full correspondence address of proponent and mobile no.	R/o- Majhara, Gonda, U.P		
5.	Name of Project	Area-36.437 Ha For Sand/Morrum Mining at Khand No.'-05/A Gata No'-2556 & 2557 Village- Bandhauli, Tehsil- Urai, District- Jalaun, U.P. ASVP Construction		
6.	Project Location(Plot.Khsra/Gata No.)	Khand No'-05A Gata No'-2556 & 2557		
7.	Name of Village	Bandhauli		
8.	Tehsil	Urai		
9.	District	Jalaun		
10.	Name of Minor Mineral	Sand/Morrum		
11.	Name of River	Betwa River		
12.	Sanctioned Lease Area (in Ha.)	36.437 Ha.		
13.	Max. & Min mRL within lease area	116.50 mRL & 111.50 mRL		
14.	Pillar Coordinates (Verified by DMO)	<b>POINT</b>	<b>LATTITUDE</b>	<b>LONGITUDE</b>
		A	25°51'12.02"N	79°29'16.50"E
		B	25°50'57.51"N	79°28'58.48"E
		C	25°50'41.49"N	79°29'0.97"E
		D	25°50'45.54"N	79°29'20.35"E
15.	Total Geological Reserves	10,93,110m <sup>3</sup> /Annum		
16.	Total Mineable Reserve	6,06,639m <sup>3</sup> /Annum		
17.	Total Proposed Production in LOI	5,45,400m <sup>3</sup> /Annum		
18.	Proposed Production /year	Year	Production	

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		1 <sup>st</sup>	5,45,400m <sup>3</sup> /Annum
		2 <sup>nd</sup>	5,45,400m <sup>3</sup> /Annum
		3 <sup>rd</sup>	5,45,400m <sup>3</sup> /Annum
		4 <sup>th</sup>	5,45,400m <sup>3</sup> /Annum
		5 <sup>th</sup>	5,45,400m <sup>3</sup> /Annum
		Total	27,27,000 m <sup>3</sup>
19.	Sanctioned Period of Mine lease	5 Years	
20.	Production of mine/day	2424m <sup>3</sup> /Day	
21.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method	
22.	No. of working days	225 Days	
23.	Working hours/day	8 Hours	
24.	No. of worker	100 Workers	
25.	No. of vehicles movement/day	269 Trucks / Day (Depending on market demand)	
26.	Type of Land	Govt. Land	
27.	Ultimate of Depth of Mining	1.75 m	
28.	Nearest metalled road from site	2.00Km	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	1.00 KLD
		Suppression of dust	12.00 KLD
		Plantation	4.80 KLD
		Others (if any)	
		Total	<b>17.80 KLD(18.00 approx KLD)</b>
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.86 Period of Validity- 31-01-2021	
31.	Any litigation pending against the project or land in any court	No	
32.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-978/Khanij-MMC-Tees Date-13.03.2020	
33.	Details of Lease Area in approved DSR	Yes (Page No'-54 ,Sr No'-33) ShuddhiPatra	
34.	Proposed CER cost	2% of total project cost ieRs 3,44,000	
35.	Proposed EMP cost	29.0 Lakhs	
36.	Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road	
37.	No. of Trees to be Planted	1202 Trees	

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

eco-fragile zone such as habitat of any wild fauna.

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

**RESOLUTION AGAINST AGENDA NO-13**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.

23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**14. Sand/Morrum Mining at Gata No.- 317 Mi, Khand No.- 04, Village- Kurauna, Tehsil- Orai, District-Jalaun., Smt. Archana Gupta (Leased Area-16.194 Ha), File No.- 5885/5309SIA/UP/MIN/57031/2019**

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

1. The environmental clearance is sought for Sand/ Morrum Mining from Betwa River Bed at Gata No. 317 मि, Khand No. 04, Village- Kurauna, Tehsil- Orai, District- Jalaun, U.P., (Leased Area- 16.194 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 767/Parya/SEIAA/5309/2019 dated 19/03/2020.
3. The public hearing was organized on 19/08/2020. Final EIA report submitted by the project proponent on 26/09/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57031/2019		
2. File No. allotted by SEIAA, UP	5885/5309		
3. Name of Proponent	Smt. Archana Gupta W/o ShriDevendra Kumar Gupta		
4. Full correspondence address of proponent and mobile no.	Resident of 160, Om Shanti nagar, Laxmi Gate, Thana Kotwali, Tehsil & District- Jhansi (U.P.)		
5. Name of Project	Riverbed Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 317 मि, Khand No. 04		
7. Name of River	Betwa River		
8. Name of Village	Kurauna		
9. Tehsil	Orai		
10. District	Jalaun, Uttar Pradesh.		
11. Name of Minor Mineral	Sand/MorrumMininig		
12. Sanctioned Lease Area (in Ha. )	16.194 ha.		
13. Mineable Area (in Ha. )	16.194 ha.		
14. Zero level mRL	101.0mRL		
15. Max. & Min mrl within lease area	105.50 mRL& 102.0 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	C	25° 54' 13.46"N	79° 36' 32.35"E

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	D	25° 54' 11.16"N	79° 36' 43.19"E
	D1	25° 54' 15.07"N	79° 36' 43.22"E
	D2	25° 54' 18.56"N	79° 36' 42.84"E
	D3	25° 54' 22.39"N	79° 36' 41.82"E
	F	25° 54' 28.13"N	79° 36' 39.79"E
	E	25° 54' 25.12"N	79° 36' 31.29"E
	E1	25° 54' 19.83"N	79° 36' 33.41"E
	E2	25° 54' 16.62"N	79° 36' 33.46"E
17. Total Geological Reserves	4, 81,626 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	2, 42,910 m <sup>3</sup>		
19. Total Proposed Production (in five year)	12,14,550 m <sup>3</sup>		
20. Proposed Production/year	2, 42,910 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	NA		
23. Method of Mining	Open cast, Manual, Semi- Mechanized		
24. No. of working days	240 days		
25. Working hours/day	8 hours		
26. No. Of workers	75 workers		
27. No. Of vehicles movement/day	77-78 units		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	1.6 Meter		
30. Nearest metalled road from site	NH-25 at 14.05km towards West direction.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.85 KLD	
	Suppression of dust	8.40 KLD	
	Plantation	0.6 KLD	
	Total	9.85 (Approx. 10.0 KLD)	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Environmental Research and Analysis, Lucknow (U.P.) Certificate No. NABET/EIA/1619/IA0019 and Extended up to 1/12/2020		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 598/ खनिज-एमएमसी-30, Dated 06/11/2019		
35. Details of Lease Area in approved DSR	शुद्धिपत्रसं० -898/खनिज-एम०एम०सी०-30 24/02/2018		
36. Proposed CER cost/ EMP cost	Rs 18, 40,000.		
37. Proposed total project cost	Rs 9,20,00,000/-		
38. Length and breadth of Haul Road	350 m & 6 meter wide		
39. No. of Trees to be Planted	100 Plants		

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

**RESOLUTION AGAINST AGENDA NO-14**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.

25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**15. Sand/Morrum Mining from Betwa River Bed at Gata No.- 317 Mi, Khand No.- 03, Village- Kurauna, Tehsil- Orai, District- Jalaun, U.P., Shri Devendra Kumar Gupta., M/s Shaksham Contractors Suppliers., Area-20.242 Ha, File No.5886/5308SIA/UP/MIN/57028/2019**

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

1. The environmental clearance is sought for Sand/ Morrum Mining from Betwa River Bed at Gata No. 317 मि, Khand No. 03, Village- Kurauna, Tehsil- Orai, District- Jalaun, U.P., M/s Saksham Contractors and Suppliers Lease Area: 20.242 Ha.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 773/Parya/SEIAA/5308/2019 dated 19/03/2020.
3. The public hearing was organized on 19/08/2020. Final EIA report submitted by the project proponent on 26/09/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57028/2019		
2. File No. allotted by SEIAA, UP	5886/5308		
3. Name of Proponent	M/s Saksham Contractors and Suppliers Partner of- Shri Devendra Kumar Gupta S/o Shri Shiv Kumar Gupta		
4. Full correspondence address of proponent and mobile no.	R/o-160, Om Shanti nagar, Laxmi gate Thana Kotwali , Tehsil & District-Jhansi (U.P.)		
5. Name of Project	Riverbed Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 317 मि, Khand No. 03		
7. Name of River	Betwa River		
8. Name of Village	Kurauna		
9. Tehsil	Orai		
10. District	Jalaun, Uttar Pradesh.		
11. Name of Minor Mineral	Sand/Morrum Mining Project.		
12. Sanctioned Lease Area (in Ha.)	20.242 Ha.		
13. Mineable Area (in Ha.)	20.242 Ha.		
14. Zero level mRL	101.0 mRL		
15. Max. & Min mrl within lease area	105.90 mRL & 102.10 mRL		
16. Pillar Coordinates (Verified by DMO)	<b>Points</b>	<b>Latitude</b>	<b>Longitude</b>
	A	25° 54' 0.48"N	79° 36' 26.36"E
	B	25° 53' 54.61"N	79° 36' 32.56"E
	B1	25° 53' 56.37"N	79° 36' 37.37"E

	B2	25° 53' 59.66"N	79° 36' 40.81"E
	B3	25° 54' 3.71"N	79° 36' 42.40"E
	D	25° 54' 11.16"N	79° 36' 43.19"E
	C	25° 54' 13.46"N	79° 36' 32.35"E
	E	25° 54' 11.62"N	79° 36' 32.12"E
	F	25° 54' 11.61"N	79° 36' 33.08"E
	F1	25° 54' 7.81"N	79° 36' 31.28"E
	F2	25° 54' 4.15"N	79° 36' 28.79"E
17. Total Geological Reserves	6,06,828 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	3,03,630 m <sup>3</sup> / years		
19. Total Proposed Production (in five year)	15,18,150 m <sup>3</sup> in 5 years		
20. Proposed Production/year	3,03,630 m <sup>3</sup> /Year		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	NA		
23. Method of Mining	Open cast, Manual and Semi-Mechanized		
24. No. of working days	240 days		
25. Working hours/day	8 hours		
26. No. Of workers	93 workers		
27. No. Of vehicles movement/day	97-98 units		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	1.6 Meter		
30. Nearest metalled road from site	NH-25 at 14.05 km towards West direction.		
31. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>	
	Drinking	1.03 KLD	
	Suppression of dust	12.72 KLD	
	Plantation	0.63 KLD	
	<b>Total</b>	14.38 (Approx. 14.50 KLD)	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Environmental Research and Analysis, Lucknow (U.P.) Certificate No. NABET/EIA/1619/IA0019 and Extended up to 1/12/2020		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 599/ खनिज-एमएमसी-30 dated 06/11/2019		
35. Details of Lease Area in approved DSR	शुद्धिपत्रसं -898/खनिज-एमएमसी-30 , Date 24/02/2018 Sr. No- 24		
36. Proposed CER cost/ EMP cost	Rs 18,00,000/-		
37. Proposed total project cost	Rs 9,00,00,000/-		
38. Length and breadth of Haul Road	0.53 km & 6 meter wide		
39. No. of Trees to be Planted	105 Plants		

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

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

**RESOLUTION AGAINST AGENDA NO-15**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.

24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**16. Sand Mining from Betwa River Bed at Gata No.-1191/2, Khand No.-04, Village-Sikarivyas, Tehsil-Orai, District-Jalaun, U.P., Shri Sudhir Kumar, M/s Gauri Traders., Lease Area: 20.242 ha, File No.- 5895/5416SIA/UP/MIN/57091/2020**

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

1. The environmental clearance is sought for Sand/ Morrum Mining at Gata No. 1191/2 Khand No-04, River Betwa Village- Sikarivyas, Tehsil-Orai, District-Jalaun State-U.P of M/s Gauri Traders (Leased Area 20.242 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. Vide letter no. 58/parya/SEIAA/5416/2019 dated 24/08/2020.
3. The public hearing was organized on 19/08/2020. Final EIA report submitted by the project proponent on 29/09/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/57091/2020		
2	File No. allotted by SEIAA, UP	5895-5416		
3.	Name of Proponent	Shri Sudhir Kumar Partner M/s Gauri Traders		
4.	Full correspondence address of proponent and mobile No.	Shri Sudhir Kumar		
		R/o 561, Gopalganj, Tehsil-Orai, District-Jalaun (U.P)		
		<b>Mobile No-</b>		
		<b>Email-</b>		
5	Name of Project	Proposed Sikarivyas Sand/ moram Mining project		
6.	Project location (Plot/Khasra/Gata No.)	Gate No. 1191/2 Khand 4		
7.	Name of River	Betwa		
8.	Name of Village	Sikarivyas		
9.	Tehsil	Orai		
10.	District	Jalaun, Uttar Pradesh		
11.	Name of Minor Mineral	Sand/ moram		
12.	Sanctioned Lease Area (in Ha.)	20.242 Ha		
13.	Max & Min mRL within lease area	Max- 122mRL Min- 120mRL		
14.	Pillar Coordinates (Verified by DMO)	<b>Sanctioned Mining Lease Area</b>		
		<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>

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		A	25°46'41.35"	79°20'15.55"
		B	25°46'10.44"	79°19'52.97"
		C	25°46'17.00"	79°19'49.80"
		D	25°46'45.49"	79°20'13.45"
		E	25°46'43.36"	79°20'9.79"
15.	Total Geological Reserves	2,62,718 m <sup>3</sup>		
16.	Total Mineable Reserves in LOI	2,02,420m <sup>3</sup> /Annum		
17.	Total Proposed Production	10,12,100 m <sup>3</sup>		
18.	Proposed Production/year	2,02,420m <sup>3</sup>		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	778.5MT		
21.	Method of Mining	Semi-mechanized		
22.	No. of working days	260 Days		
23.	Working hours/day	8 hours		
24.	No. of workers	89		
25.	No. of vehicles movement/day	42		
26.	Type of Land	Government Land		
27.	Ultimate Depth of Mining	3m		
28.	Nearest metalled road from site	2.4 Km		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
32.		Drinking	1.33	
33.		Suppression of dust	3.09	
34.		Plantation	1.8	
		Others (if any)	-	
		Total	6.22 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31.	Any litigation pending against the project or land in any court	No		
32..	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
33.	Details of Lease Area in approved DSR	Yes, given in the DSR		
34.	Proposed CER cost	Rs 18,98,000 in 5 year		
35.	Proposed EMP cost	Capital Cost-Rs.9.0Lac Recurring Cost-4.20 Lac		
36.	Length and breadth of Haul Road	Length: 250m, Width: 6m		
37.	No. of Trees to be Planted	500 plants		

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

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

**RESOLUTION AGAINST AGENDA NO-16**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.

23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**17. Sand Mining from Betwa River bed at Gata No.-1396 ¶ , Khand No.-1, Village- BhediKhurd, Tehsil- Kalpi, District-Jalaun, U.P., ShriNirmal Kant Tiwari, M/s Mankameshwar Infrastructure, (Leased Area-20.42 Ha) File No.- 5896/5448SIA/UP/MIN/57084/2020**

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

1. The environmental clearance is sought for Sand/ Morrum Mining at Gata No. 1396 ¶, Khand No. 01, River Betwa Village- Bhedikurd, Tehsil-Kalpi, District-Jalaun State-U.P. of M/s Mankameshwar Infrastructure Leased Area 20.242 Ha.
2. The terms of reference in the matter were issued by SEIAA, U.P. Vide letter no. 55/parya/SEIAA/5448/2019 dated 20th May 2020
3. The public hearing was organized on 18/08/2020. Final EIA report submitted by the project proponent on 29/09/2020.

4. Salient features of the project as submitted by the project proponent

1.	On-line proposal No.	SIA/UP/MIN/57084/2020
2	File No. allotted by SEIAA, UP	5896-5448
3.	Name of Proponent	ShriNirmal Kant Tiwari
4.	Full correspondence address of proponent and mobile No.	ShriNirmal Kant Tiwari R/o 204, BudhaliyanaRath, District-Hamirpur (U.P) <b>Mobile No-</b> <b>Email-</b>
5.	Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for M/s Mankameshwar Infrastructure
6.	Project location (Plot/Khasra/Gata No.)	Gata No. 1396 ¶, Khand No. 01
7.	Name of River	Betwa
8.	Name of Village	Bhedikhurd
9.	Tehsil	Kalpi
10.	District	Jalaun, Uttar Pradesh
11.	Name of Minor Mineral	Sand/Morrum
12.	16. Sanctioned Lease Area (in Ha.)	20.242 Ha

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13.	17. Max & Min mRL within lease area	Max- 104.1 mRLMin- 97 mRL		
14.	18. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	25°53'44.50"	79°50'6.24"
		B	25°53'32.94"	79°50'26.07"
		C	25°53'23.20"	79°50'19.47"
		D	25°53'37.83"	79°50'1.86"
15.	Total Geological Reserves	4,79,150 m <sup>3</sup>		
16.	Total Mineable Reserves in LOI	3,03,630m <sup>3</sup> /Annum		
17.	Total Proposed Production	15,18,150 m <sup>3</sup>		
18.	Proposed Production/year	3,03,630m <sup>3</sup>		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	1167.8MT		
21.	Method of Mining	Semi-mechanized		
22.	No. of working days	260 Days		
23.	Working hours/day	8 hours		
24.	No. of workers	133		
25.	No. of vehicles movement/day	105		
26.	Type of Land	Government Land		
27.	Ultimate Depth of Mining	3m		
28.	Nearest metalled road from site	2.4 Km		
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		1.995
		Suppression of dust		9.48
		Plantation		3.15
		Others (if any)		-
		Total		14.625 KLD
30.	34. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31.	35. Any litigation pending against the project or land in any court	No		
32.	36. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
33.	37. Details of Lease Area in approved DSR	Yes, given in the DSR		
34.	38. Proposed CER cost	Rs 28,17,935 in 5 year		
35.	39. Proposed EMP cost	Capital Cost-Rs.9.0Lac Recurring Cost-4.20 Lac		
36.	40. Length and breadth of Haul Road	Length: 0.950 Km, Width: 6m		
37.	41. No. of Trees to be Planted	200 plants		

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

**RESOLUTION AGAINST AGENDA NO-17**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.

21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**18. Sand/Morrum Mining along Betwa River Bed in Gata No.- 01, 218 Ka, Village- Kudri, Tehsil- Garautha, District- Jhansi., Shri Tarun Gupta., Lease Area: 14.00 ha, File No.- 5905/5541SIA/UP/MIN/57138/2020**

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

1. The environmental clearance is sought for Ordinary sand/morrum mining along river Betwa in Gata No. 01, 218Ka at Village – Kudri, Tehsil- Garautha, District- Jhansi, U. P. lease area 14.00 ha (34.58 acre)
2. The terms of reference in the matter were issued by SEIAA, U.P. Vide letter no. 115/parya/SEIAA/5441/2019 dated 08/06/2020.
3. The public hearing was organized on 18/09/2020. Final EIA report submitted by the project proponent on 30/09/2020.
4. Salient features of the project as submitted by the project proponent

1.	On-line report submitted on (for TOR)	30/09/2020
2.	On-line proposal No.	SIA/UP/MIN/57138/2020
3.	File No. allotted by SEIAA, UP	5905/5541
4.	Name of Proponent	Shree Tarun Gupta
5.	Full correspondence address of proponent and mobile no.	Shree Tarun Gupta S/o Shri Ashok Kumar Gupta R/o-1346 naya 712, Kunjbihari colony Gwalior road, Tehsil & District – Jhansi U.P.
6.	Name of Project	Ordinary Sand Mining Project
7.	Project location (Plot/ Khasra /Gata No.)	Gata No. 01, 218Ka
8.	Name of River	BetwaRiver

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9.	Name of Village	Kudri, Tehsil- Garautha, District- Jhansi, U. P		
10.	Tehsil	Garautha		
11.	District	Jhansi		
12.	Name of Minor Mineral	Ordinary Sand		
13.	Sanctioned Lease Area (in Ha.)	14.00 ha		
14.	Max.& Min mrl within lease area	Max – 132.2mRL Min – 127.5mRL Zero mRL - 127.0		
15.	Pillar Coordinates(Verified by DMO)	Pillar	Latitude	Longitude
		A	25° 48' 14.30"N	79° 14' 28.50"E
		B	25° 48' 19.05"N	79° 14' 27.70"E
		C	25° 48' 19.50"N	79° 14' 34.10"E
		D	25° 48' 13.30"N	79° 14' 48.20"E
		E	25° 48' 03.70"N	79° 14' 58.60"E
		F	25° 47' 51.40"N	79° 15' 09.00"
		G	25° 47' 48.00"N	79° 15' 06.00"E
		H	25° 48' 10.70"N	79° 14' 41.80"E
		I	25° 48' 14.50"N	79° 14' 32.60"E
		Submerged Area		
		S1	25° 48' 16.58"N	79° 14' 28.13"E
		B	25° 48' 19.05"N	79° 14' 27.70"E
		C	25° 48' 19.50"N	79° 14' 34.10"E
		S2	25° 48' 17.54"N	79° 14' 38.47"E
		S3	25° 47' 51.56"N	79° 15' 08.81"E
		S4	25° 47' 50.73"N	79° 15' 06.73"E
		S5	25° 47' 49.66"N	79° 15' 07.46"E
		F	25° 47' 51.40"N	79° 15' 09.00"E
16.	Total Geological Reserves	393386 m <sup>3</sup>		
17.	Total Mineable Reserves	80488m <sup>3</sup> /annum		
18.	Total Proposed Production (in five year)	400000 m <sup>3</sup> (5 years)		
19.	Proposed Production / year	80000 m <sup>3</sup> /annum		
20.	Sanctioned Period of Mine lease	5 Year		
21.	Production of mine/day	320 m <sup>3</sup> /day		
22.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016 and NGT order passed in Gurpreet Singh BaggavsMoEF&ors).		
23.	No.of working days			
24.	Working hours/day	8		
25.	No.Of workers	58		
26.	No.Of vehicle movement /day	26		
27.	Type of Land	Govt./Non Forest Land (riverbed)		
28.	Ultimate Depth of Mining	2.0m		

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29.	Nearest metalled road from site	1.0 km	
30.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.58
		Suppression of dust	10.8
		Plantation	0.43
		Others( if any)	0.00
		Total	11.0
31.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development) Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021	
32.	Any litigation pending against the project or land in any court	No	
33.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	Letter No – 1660 dated - 15.02.2020	
34.	Details of Lease Area in approved DSR	Serial no. 07 Page no. 53	
35.	Proposed CER cost	2.42 lacs/annum	
36.	Proposed EMP cost	13.06 lacs	
37.	Length and breadth of Haul Road.	Length – 0.90 km Breadth – 6.00 m Temporary culvert on haul road shall be made for transportation	
38.	No. of Trees to be Planted	430	

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

**RESOLUTION AGAINST AGENDA NO-18**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**19. Sand Mining from Tons River bed, at Khand No.- 42, Village-From Ganga Tons Sangam to Bhaganpur, Tehsil- Karchhana, District- Prayagraj, U.P., Shri Manoj Kumar Mishra, Area 5.00 ha. File No. 5814/Proposal No. SIA/UP/MIN/171643/2020**

The committee noted that the matter was earlier discussed in 492<sup>nd</sup> SEAC meeting dated 21-09-2020 and directed the project proponent to submit following information:

A presentation was made by the project proponent. The committee discussed the matter and directed the project proponent to submit following information:

1. Geo coordinates table is to be revised.
2. Lease map verified by DMO.
3. CER is to be revised.
4. Cadastral map is to be revised.

The project proponent submitted their replies through letter dated 03/10/2020. A presentation was made by the project proponent through along with their consultant M/s PARAMARSH (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. Environmental clearance for ordinary sand mining from river bed of Tons, at Khand No. 42, Area – 5.00 ha. (12.35 Acres) at Village – From Ganga Tons Sangam to Bhaganpur Tehsil - Karchhana, District - Prayagraj, Uttar Pradesh.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/171643/2020									
2.	File No. allotted by SEIAA, UP	5814									
3.	Name of Proponent	Manoj Kumar Mishra									
4.	Full correspondence address of proponent and mobile no.	S/o Shree Mahesh Kumar R/o – Dudhua, Post & Thana – Utraanv Tehsil- Handiya, District – Prayagraj, UP Mobile no. – 9415187425 E mail ID - <a href="mailto:manojсандалд@gmail.com">manojсандалд@gmail.com</a>									
5.	Name of Project	Environmental clearance for ordinary sand mining from river bed of Tons, at Khand No. 42, Area – 5.00 ha. (12.35 Acres) at Village – From Ganga Tons Sangam to Bhaganpur Tehsil - Karchhana, District - Prayagraj, Uttar Pradesh of Shree Manoj Kumar Mishra.									
6.	Project Location (Plot.Khsra/Gata No.)	Khand No.- 42									
7.	Name of River	Tons river									
8.	Name of Village	Village – Ganga -Tons KeSangam to Bhaganpur									
9.	Tehsil	Karchhana									
10.	District	Prayagraj									
11.	Name of Minor Mineral	Ordinary sand									
12.	Sanctioned Lease Area (in Ha.)	5.0 ha.									
13.	Max. & Min mRL within lease area	Max - 74.00mRL Min – 71.00 mRL Zero mRL - 71.00									
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td colspan="3">Khand No. 42, Area – 5.00 ha. (12.35 Acres) at Village – From Ganga Tons Sangam to Bhaganpur Tehsil - Karchhana, District - Prayagraj, Uttar Pradesh Coordinates of Lease Area.</td></tr><tr><td colspan="3">Coordinates of Workable area</td></tr><tr><td>Point</td><td>Latitude N</td><td>Longitude E</td></tr></table>	Khand No. 42, Area – 5.00 ha. (12.35 Acres) at Village – From Ganga Tons Sangam to Bhaganpur Tehsil - Karchhana, District - Prayagraj, Uttar Pradesh Coordinates of Lease Area.			Coordinates of Workable area			Point	Latitude N	Longitude E
Khand No. 42, Area – 5.00 ha. (12.35 Acres) at Village – From Ganga Tons Sangam to Bhaganpur Tehsil - Karchhana, District - Prayagraj, Uttar Pradesh Coordinates of Lease Area.											
Coordinates of Workable area											
Point	Latitude N	Longitude E									

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		<table> <tr><td><b>A</b></td><td>25° 13.042'</td><td>82°03.330'</td></tr> <tr><td><b>B</b></td><td>25° 13.068'</td><td>82°03.340'</td></tr> <tr><td><b>C</b></td><td>25° 13.011'</td><td>82°03.501'</td></tr> <tr><td><b>D</b></td><td>25° 12.982'</td><td>82°03.506'</td></tr> <tr><td colspan="3">Coordinates of Submerged area</td></tr> <tr><td><b>B1</b></td><td>25° 13.073'</td><td>82°03.342'</td></tr> <tr><td><b>B'</b></td><td>25° 13.138'</td><td>82°03.367'</td></tr> <tr><td><b>C1</b></td><td>25° 13.033'</td><td>82°03.497'</td></tr> <tr><td><b>D'</b></td><td>25° 13.098'</td><td>82°03.487'</td></tr> <tr><td colspan="3"></td></tr> </table>	<b>A</b>	25° 13.042'	82°03.330'	<b>B</b>	25° 13.068'	82°03.340'	<b>C</b>	25° 13.011'	82°03.501'	<b>D</b>	25° 12.982'	82°03.506'	Coordinates of Submerged area			<b>B1</b>	25° 13.073'	82°03.342'	<b>B'</b>	25° 13.138'	82°03.367'	<b>C1</b>	25° 13.033'	82°03.497'	<b>D'</b>	25° 13.098'	82°03.487'			
<b>A</b>	25° 13.042'	82°03.330'																														
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<b>D'</b>	25° 13.098'	82°03.487'																														
15.	Total Geological Reserves	23,073 m <sup>3</sup>																														
16.	Total Mineable Reserve in LOI	15,000 m <sup>3</sup> /annum																														
17.	Total Proposed Production	75,000 m <sup>3</sup> (5 years)																														
18.	Proposed Production /year	15,000m <sup>3</sup> /annum																														
19.	Sanctioned Period of Mine lease	5 years																														
20.	Production of mine/day	56 m <sup>3</sup> /day																														
21.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016 and NGT order passed in Gurpreet Singh BaggavvsMoEF&ors).																														
22.	No. of working days	270																														
23.	Working hours/day	8																														
24.	No. of worker	12																														
25.	No. of vehicles movement/day	8																														
26.	Type of Land	Govt./Non Forest Land (riverbed)																														
27.	Ultimate of Depth of Mining	3m																														
28.	Nearest metalled road from site	0.80 km																														
29.	Water Requirement	PURPOSE																														
30.		Drinking - 0.12 KLD																														
31.		Suppression of dust - 3.0 KLD																														
32.		Plantation - 0.13 KLD																														
33.		Others (if any) - 0.00 KLD																														
34.		Total - 3.25 KLD																														
35.	Name of QCI Accredited Consultant with QCI No and period of validity.	NABET/EIA/1821 RA 0120 Valid till – 01/05/2021																														
36.	Any litigation pending against the project or land in any court	No																														
37.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 883 dated - 10.08.2020																														
38.	Details of Lease Area in approved DSR	Serial no. 42 Page no. 58																														

39.	Project Cost	50.0 Lacs/annum
40.	Proposed CER cost	1.00lacs/annum
41.	Proposed EMP cost	6.25lacs
42.	Length and breadth of Haul Road	Length – 0.250 km Breadth – 6.00 m
43.	No. of Trees to be Planted	125

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

**RESOLUTION AGAINST AGENDA NO-19**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes.**

1. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakkamotorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.

18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**20. Granite ( Khanda , Gitti& Boulders) Mine at Gata No.-1078, Khanda No.-34,Village-Gonda, Tehsil- Karwi, Chitrakoot.,( Area-2.02 ha),File No.- 4690 Proposal No. SIA/UP/MIN/31706/2019**

The committee noted that the matter was earlier discussed in 493<sup>rd</sup> SEAC meeting dated 23-09-2020 and directed the project proponent to submit following information:

A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development). The committee discussed the matter and directed the project proponent to submit the revised presentation/documents incorporating changes suggested by SEAC such as CER, EMP, Public hearing reply etc.

The project proponent submitted their replies through letter dated 06/10/2020. A presentation was made by the project proponent through along with their consultant M/s PARAMARSH (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for “Granite (Khanda, Gitti & Boulder) Mine” Project at Gata No.-1078, Khand No.- 34, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Leased Area : 2.02 ha./ 5.0 Acres)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 79/Parya/SEAC/4690/2018, dated: 27<sup>th</sup> May, 2019.
3. The public hearing was organized on 02-09-2019. Final EIA report submitted by the project proponent on 21-01-2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/31706/2019
2.	File No. allotted by SEIAA, UP	4690
3.	Name of Proponent	Shri Mahesh Prasad Jaiswal S/o

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		Shri Ramchandra Jaiswal		
4.	Full correspondence address of proponent and mobile no.	R/o- Chakla Raj Rani, Tehsil- Karwi, District- Chitrakoot, U.P.		
		Mobile No.		
		E-mail ID		
5.	Name of Project	Granite (Khanda, Gitti & Boulder) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.-1078, Khand No.- 34		
7.	Name of River	Not Applicable		
8.	Name of Village	Gonda		
9.	Tehsil	Mahoba		
10.	District	Chitrakoot		
11.	Name of Minor Mineral	Granite (Khanda, Gitti & Boulder)		
12.	Sanctioned Lease Area (in Ha.)	2.02 ha.		
13.	Max. & Min. RL within lease area	180.75 mRL - 159.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	<b>Pillars</b>	<b>Latitude (N)</b>	<b>Longitude (E)</b>
		A	25° 12' - 04.50"	80° 44' - 18.99"
		B	25° 12' - 02.90"	80° 44' - 27.89"
		C	25° 12' - 00.69"	80° 44' - 27.19"
		D	25° 12' - 01.81"	80° 44' - 18.17"
15.	Total Geological Reserves	7,87,640 m <sup>3</sup>		
16.	Total Mineable Reserves	4,69,381 m <sup>3</sup>		
17.	Total Proposed Production (in five year)	4,20,000 m <sup>3</sup>		
18.	Proposed Production / year	<b>Year</b>	<b>Production</b>	
		1 <sup>st</sup>	1,40,000 m <sup>3</sup>	
		2 <sup>nd</sup>	1,40,000 m <sup>3</sup>	
		3 <sup>rd</sup>	1,40,000 m <sup>3</sup>	
		Total	4,20,000 m <sup>3</sup>	
19.	Sanctioned Period of Mine lease	10 Years		
20.	Production of mine/day	466.67 m <sup>3</sup>		
21.	Method of Mining	Opencast Semi-Mechanized		
22.	No. of working days	300 days		
23.	Working hours/day	8 Hours/Day		
24.	No. Of workers	34 (average)		
25.	No. Of vehicle movement /day	39 (average)		
26.	Type of Land	Govt. Revenue Land		
27.	Ultimate Depth of Mining	08 meter (average)		
28.	Nearest metalled road from site	0.20 km		
29.	Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>	
		Drinking & Others	0.36	
		Suppression of dust	2.40	
		Plantation	0.90	
		Others (if any)	-----	
		Total	3.66	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120, Validity- 01/05/2021		
31.	Any litigation pending against the project or	No		

	land in any court	
32.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Chitrakootvide Letter No. 621/Khanij/2019-20, Dated 19-02-2020
33.	Details of Lease Area in approved DSR	Page No.-32, S.No.- 10
34.	Proposed CER cost	1.72 Lakh
35.	Proposed EMP cost	12.95 Lakh
36.	Length and breadth of Haul Road.	Length- 0.20 Km, Width- more than 6.0 m
37.	No. of Trees to be Planted	214

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

**RESOLUTION AGAINST AGENDA NO-19**

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

**(Dr. Virendra Misra)**  
Member

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

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

**(Shri Meraj Uddin)**  
Member

**(Dr. Ajoy Mandal)**  
Member

**(Shri Rajiv Kumar)**  
Member

**(Dr. Sarita Sinha)**  
Member

**Annexure-1**

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

**A. General Conditions:**

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

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

**B. Specific Conditions:**

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

process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.

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

24. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
25. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
26. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
27. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
28. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
29. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
30. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
31. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
32. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
33. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
34. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.
35. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped

and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.

36. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
37. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
38. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
39. Project Proponent shall explore the possibility of using solar energy where ever possible.
40. Commitment towards CER has to be followed strictly.
41. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
42. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
43. The blasting will be done only after getting the permission from the Mining Department.

Annexure-2

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

**General Conditions:**

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

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

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

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

**Annexure-3**

**Specific Conditions for Sand Moram Mining :-**

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub>. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.