

### **Minutes of 520<sup>th</sup> SEAC Meeting Dated 11/01/2021**

The 520<sup>th</sup> meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19) on 11/01/2021. Following members were participated in the online meeting:

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

The Chairman welcomed the members to the 520<sup>th</sup> SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

**1. Building Stone (Khanda, Gitti & Boulder, Patiya, Lal Morrum etc) Mining at Araji No.-93/1, Khanda No.- 07, at Village- Lakhanapur, Lalitpur, U.P., Shri Rajeev Singh., Area -2.134 ha. File No. 6093/4977/Proposal No. SIA/UP/MIN/187403/2020**

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

1. The environmental clearance is sought for Building Stone (Khanda Gitti, Boulder, Patiya, Lalmorrum etc) mining at Araji No. - 93/1, Khand No.-07, Village - Lakhanpura, Tehsil- Lalitpur, District - Lalitpur, U.P. (leased area - 2.134 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 603/Parya/SEAC/4977/2019, dated 19/02/2019.
3. The public hearing was organized on 13/10/2020. Final EIA report submitted by the project proponent on 31/12/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/187403/2020
2.	File No. allotted by SEIAA, UP	6093/4977
3.	Name of Proponent	Shri Rajeev Singh
4.	Full correspondence address of proponent and mobile no.	Rajeev Singh S/o Shri Brijendra Pratap Singh R/o: Ambedkar nagar Colony, Kabrai District – Mahoba, UP Mobile no. – E mail ID - rajeevlalitpur2019@gmail.com
5.	Name of Project	Environmental Clearance of Building Stone (Khanda Gitti, Boulder, Patiya, Lalmorrum etc) mining, lease area - 2.134 ha (5.27 Acre) at Araji No. - 93/1, Khand No.-07, Village -

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		Lakhanpura, Tehsil-Lalitpur, District - Lalitpur, U.P. of Shri Rajeev Singh			
6.	Project Location (Plot. Khasra/Gata No.)	93/1, Khand No.-07			
7.	Name of River	Shahzad River – 3.70 km (E)			
8.	Name of Village	Lakhanpura, Tehsil- Lalitpur, District - Lalitpur, U.P.			
9.	Tehsil	Lalitpur			
10.	District	Lalitpur			
11.	Name of Minor Mineral	Building Stone (Khanda Gitti, Boulder, Patiya, Lalmorrum etc)			
12.	Sanctioned Lease Area (in Ha.)	2.134 ha			
13.	Max. & Min mRL within lease area	Highest 356.20 mRL Lowest: 349.80 mRL			
14.	Pillar Coordinates (Verified by DMO)		Pillar No	N	E
			A	24°51'09.53"N	78°27'07.06"E
			B	24°51'10.80"N	78°27'10.85"E
			C	24°51'5.28"N	78°27'13.34"E
			D	24°51'53.92"N	78°27'9.60"E
15.	Total Geological Reserves	4,24,713 m <sup>3</sup>			
16.	Total Mineable Reserve	2,71,207 m <sup>3</sup>			
17.	Total Proposed Production	1,06,700 m <sup>3</sup> (5 years)			
18.	Proposed Production /year (as per LoI)	21,340 m <sup>3</sup> /annum			
19.	Sanctioned Period of Mine lease	5 years			
20.	Production of mine/day	89 m <sup>3</sup> /day			
21.	Method of Mining	Opencast, /Semi-mechanized			
22.	No. of working days	240			
23.	Working hours/day	8			
24.	No. of worker	52			
25.	No. of vehicles movement/day	12			
26.	Type of Land	Govt./Non Forest Land (riverbed)			
27.	Ultimate of Depth of Mining	12.0 m			
28.	Nearest metalled road from site	0.90 km			
29.	Water Requirement	PURPOSE			
		Drinking - 0.52 KLD			
		Suppression of dust - 10.8 KLD			
		Plantation - 0.37 KLD			
		Others (if any) - 0.00 KLD			
		Total - 11.67 KLD			
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021			
31.	Any litigation pending against the project or land in any court	No			
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 94 Khanij/ 30 – Mines /2018-19 dated - 04/05/2019			
33.	Details of Lease Area in approved DSR	Serial no. 04 Page no. 94			
34.	Project Cost	94.0 lacs/annum			
35.	Proposed CER cost	1.88 lacs/annum			
36.	Proposed EMP cost	11.82 lacs			
37.	Length and breadth of Haul Road	Length – 0.90 km Breadth – 6.00 m			
38.	No. of Trees to be Planted	375			

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

**RESOLUTION AGAINST AGENDA NO-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-4 to the minutes.**

**2. Sand/ Morrum Mining from Yamuna River Bed at Khasra No./Gata No.- 389, 391, Village-Korra Kanak, Fatehpur, U.P., Shri Ravi Jain, M/s Amoras Trading India, Area: 40.0 ha File No. 5729/Proposal No. SIA/UP/MIN/54666/2020**

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 Korra Kanak Sand/ Morrum Mining Project at Khasra/Gata no. 389 , 391 Village: Korra Kanak, Tehsil: Fatehpur, District: Fatehpur, Uttar Pradesh, Proponent : M/s Amorous Trading India (Leased Area 40.0 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 499/Parya/SEAC/5729/2019, dated 04/11/2020.
3. The public hearing was organized on 21/12/2020. Final EIA report submitted by the project proponent on 22/12/2020.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/54666/2020
2. File No. allotted by SEIAA, UP	5729
3. Name of Proponent	M/s Amorous Trading India
4. Full correspondence address of proponent and mobile no.	M/s Amorous Trading India Address- 214. 2nd Floor, Vardhaman Plaza, Neta Ji Subhash Palace , Delhi , 110034 Director - Ravi Jain S/o Shri Vijendra Address-J-636 Gali Badli North West Delhi-110042 Dipanshu Jain S/o Shri Satya Prakash Jain Address- Mahinda Park Ranibagh Saraswati Vihar West Delhi 110034
5. Name of Project	Korra Kanak Sand/ Morrum Mining Project at Khasra/Gata no. 389 , 391
6. Project location (Plot/Khasra/Gata No.)	Khasra/Gata no. 389 , 391
7. Name of River	Yamuna River
8. Name of Village	Korra Kanak
9. Tehsil	Fatehpur
10. District	District Fatehpur, Uttar Pradesh
11. Name of Minor Mineral	Sand/Morrum Mining
12. Sanctioned Lease Area (in Ha. )	40.0 ha
13. Max. & Min mrl within lease area	92.0 mRL & 87.0 mRL

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14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude N	Longitude E
	A	25°43.915' N	80°34.435'E
	B	25°43.582' N	80°34.665'E
	C	25°43.368' N	80°34.520'E
	D	25°43.760' N	80°34.275'E
15. Total Geological Reserves	5,09,450 m <sup>3</sup> or 917010 tonns		
16. Total Mineable Reserves in LOI	4,00,000 m <sup>3</sup> or 7, 20,000 tonns		
17. Total Proposed Production (in five year)	20,00,000 m <sup>3</sup> or 36,00,000 tonns		
18. Proposed Production/year	4,00,000 m <sup>3</sup> /annum 7,20,000 TPA		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	1481.48 cum/day		
21. Method of Mining	Opencast Semi-mechanized.		
22. No. of working days	270		
23. Working hours/day	8		
24. No. Of workers	215		
25. No. Of vehicles movement/day	144 trucks (48 trucks, 3 trips)		
26. Type of Land	Govt Land		
27. Ultimate Depth of Mining	3.0 m		
28. Nearest metallled road from site	SH-13 is approx 77 Km in North direction		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	2.15 KLD	
	Suppression of dust	7.5 KLD	
	Plantation	2.0 KLD	
	Others (if any)		
	Total	11.65 or 12 KLD	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution Certificate No: NABET/EIA/1922/IA0053 Validity=10-12-2022		
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	Letter No. 781/30- Khanij (2020-21), dated 06-07-2020.		
33. Details of Lease Area in approved DSR	Attached		
34. Proposed CSR cost	RS- 1,50,000 /-		
35. Proposed EMP cost	Capital Rs-8,80,000/- Recurring cost- Rs 5,20,000/-		
36. Length and breadth of Haul Road	3.2K m, 6 m		
37. No. of Trees to be Planted	About 400 trees will be planted along both sides of roads and civic amenities in consultation with the local authorities.		

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

### RESOLUTION AGAINST AGENDA NO-02

The committee 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. 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. Environment management in according to environmental status and impact of the project.
3. Selection of plants for green belt should be on the basis of pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
5. Pakkamotorable haul road to be maintained by the project proponent.
6. 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.
7. Permission from the competent authority regarding evacuation route should be taken.
8. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
9. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable mask to the workers.
14. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
15. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
16. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
17. Provision for two toilets and hand pumps should be made at mining site.
18. Drinking water for workers would be provided by tankers.
19. 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.
20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. 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.
22. 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.
23. 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.
24. 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.
25. Width of the haul road shall be more than 6 meter.
26. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

**3. Sand Mining at Gata No.-558 Ka, 568 Ka/18, 568 Ka/20 & 567 Ka, at Village-Deoria Urf Tengariya Babu, Tehsil- Sadar, District- Basti, U.P., Smt. Kushlawati, M/s Shiksha Shakti Construction., area-2.065 ha. File No. 6086/Proposal No. SIA/UP/MIN/190434/2020**

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 (Balu) Mining at Gata No. 558 Ka, 568 Ka/18, 568 Ka/20 & 567 Ka, Village- Deoria Urf Tengariya Babu, Tehsil- Sadar, District- Basti, U.P., Smt Kushlawati, M/s Shiksha Shakti Construction Lease Area: 2.065 Ha.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/190434/2020		
2. File No. allotted by SEIAA, UP	6086		
3. Name of Proponent	M/s Shiksha Shakti Construction Proprietor- Smt Kushlawati W/o Late Bhagwati Prasad Tripathi		
4. Full correspondence address of proponent and mobile no.	R/o- Gram Gana & Post Gayghat, Tehsil Sadar, Distt. Basti, Uttar Pradesh		
5. Name of Project	Proposed Sand (Balu) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 558 Ka, 568 Ka/18, 568 Ka/20 & 567 Ka		
7. Name of River	Near River Ghaghara		
8. Name of Village	Deoria Urf Tengariya Babu		
9. Tehsil	Sadar		
10. District	Basti , Uttar Pradesh		
11. Name of Minor Mineral	Proposed Sand (Balu) Mining Project		
12. Sanctioned Lease Area (in Ha.)	2.065 Ha.		
13. Mineable Area (in Ha.)	1.8912 Ha.(safety zone 0.1738 Ha.)		
14. Zero level mRL	78 mRL		
15. Max. & Min mrl within lease area	Maximum mRL 84.0 mRL while the lowest level is 82.0 mRL respectively.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	26°35'2.50"N	82°47'54.16"E
	B	26°34'57.57"N	82°47'53.45"E
	C	26°34'58.09"N	82°47'48.11"E
	D	26°35'2.95"N	82°47'49.61"E
17. Total Geological Reserves	82,600 m <sup>3</sup> as per Mine Plan		
18. Sanction Quantity as per LOI	51,625 m <sup>3</sup> as per LOI		
19. Total Proposed Production (in five year)	51,625 m <sup>3</sup> (in 6 month)		
20. Proposed Production/year	51,625 m <sup>3</sup> (in 6 month)		
21. Sanctioned Period of Mine lease	6 month		
22. Production of mine/day	287.0 m <sup>3</sup> /day		
23. Method of Mining	Opencast, manual mine		
24. No. of working days	180		
25. Working hours/day	8 hours/day		
26. No. Of workers	30		
27. No. Of vehicles movement/day	25-30 Vehicles movement/day		
28. Type of Land	Private land		

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29. Ultimate Depth of Mining	2.9 meter	
30. Nearest metalled road from site	SH-72 is 3.20 km towards North direction	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.4 KLD
	Suppression of dust	12.0 KLD
	Plantation	0.052 KLD
	Others (if any)	-
	Total	12.5 KLD approx
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/IA 0019 Ext. letter No- QCI/NABET /ENV/ACO/20/1549 and valid up to 2 March, 2021	
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.- 205/ Khanna Sahayak/Cluster Certificate /20-21 dated 16/12/2020	
35. Details of Lease Area in approved DSR	NA	
36. Proposed EMP cost	Rs. 1,70,720/-(more than 2 % of the total project cost)	
37. Proposed Total Project cost	Rs. 50,00,000/-	
38. Length and breadth of Haul Road	1000 m length and 6 m width	
39. No. of Trees to be Planted	52	

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

**RESOLUTION AGAINST AGENDA NO-03**

**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. 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. Environment management in according to environmental status and impact of the project.
3. Selection of plants for green belt should be on the basis of pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
5. Pakkamotorable haul road to be maintained by the project proponent.
6. 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.
7. Permission from the competent authority regarding evacuation route should be taken.
8. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
9. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.

11. Provision for cylinder to workers should be made for cooking.
  12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
  13. Provide suitable mask to the workers.
  14. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
  15. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
  16. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
  17. Provision for two toilets and hand pumps should be made at mining site.
  18. Drinking water for workers would be provided by tankers.
  19. 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.
  20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
  21. 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.
  22. 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.
  23. 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.
  24. 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.
  25. Width of the haul road shall be more than 6 meter.
  26. 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.
4. **Sand/Morrum Mining from Yamuna River Bed, Khand No.-6, (Gata No.-01(Part), 02(Part), 03, 2139(Part), 2138, 2137, 2136 (Part) in revised DSR on dated 17.08.2018) at Village-Jauharpur, Tehsil- Banda, District- Banda, U.P., Smt. Deepti Gupta., Area- 15.0 Ha. File No. 4572/Proposal No. SIA/UP/MIN/29933/2018**

The committee noted that the matter was earlier discussed in 421<sup>st</sup> SEAC meeting dated 25/09/2019 and directed as follows:

“The committee discussed the matter and recommended to get a factual field report from District Magistrate, Banda and Department of Geology and Mining.”

The committee went through the file and document and opined that the reminder letter should be sent to District Magistrate, Banda for providing the factual report within 15 days. The committee also directed that a copy of the letter should be sent to Geology and Mining Department and project proponent for information. The matter shall be discussed after receipt of factual report.



**5. Sand/Morrum Mining from Betwa River Bed in Khand No.-10/6, Vill.-Beri, Hamirpur., M/s Kanwar Enterprises Pvt. Ltd., Area-36.437 Ha. File No. 4479/Proposal No. SIA/UP/MIN/29073/2018**

The committee noted that the matter was earlier discussed in 411<sup>th</sup> SEAC meeting dated 12/07/2019 and directed as follows:

“The project proponent through his letter dated 08/07/2019 informed that 50% of lease area is submerged under water. Hence, the committee recommended seeking a factual report from Department of Geology and Mining Department U.P. The committee also advised the project proponent to contact Department of Geology and Mining Department U.P. in this regard.”

The committee went through the file and document and opined that the letter dated 08/01/2021 should be sent to District Magistrate, Hamirpur alongwith annexures for necessary action. The committee also directed that a copy of the letter should be sent to Geology and Mining Department and project proponent for information.

**6. Sand/Morrum Mining from Betwa River Bed at Gata No.-1396 G, Khand No.- 02, Village-Bhedikhurd, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh. Shri Mohammad Jawed, M/s MPL InfraArea-20.242Ha File No. 5967/5603/Proposal No. SIA/UP/MIN/57878/2020**

The committee noted that the matter was earlier discussed in 503<sup>rd</sup> SEAC meeting dated 23/11/2020 and the project proponent did not appear in the meeting. The project proponent vide letter dated 14/12/2020 requested to list the matter in next SEAC meeting. Hence, the matter was listed in 520<sup>th</sup> SEAC meeting dated 11/01/2021.

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

1. The environmental clearance is sought for Sand/Morrum Mining from Betwa River Bed at Gata No.- 1396 G, Khand No.- 02, Village-Bhedikhurd, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh, U.P., (Leased Area-20.242 Ha), M/s MPL Infra.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 168/parya/SEAC/5603/2019, dated 30/06/2020.
3. The public hearing was organized on 21/09/2020. Final EIA report submitted by the project proponent on 19/12/2020.
4. Salient features of the project as submitted by the project proponent:

File No. allotted by SEIAA, UP	5967/5603
Name of Proponent	M/s MPL INFRA Prop: Mohd. Javed
Full correspondence address of proponent and mobile No.	S/o Shri Aziz R/o -41 Raipur IIM Road Lucknow State U.P
	Mobile No-
	Email-
Name of Project	Proposed Bhedikhurd riverbed Sand/Morrum mining project on Betwa River by M/s M P L Infra.
Project location (Plot/Khasra/Gata No.)	Gata No. 1396 ¶, Khand No. 02
Name of River	Betwa
Name of Village	Bhedikhurd

Tehsil	Kalpi		
District	Jalaun		
Name of Minor Mineral	Ordinary Sand		
Sanctioned Lease Area (in Ha.)	20.242 Ha		
Max & Min mRL within lease area	Max- 105.02mRL and Min- 100.5mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°53'26.44"N	79°50'42.92"E
	B	25°53'32.94"N	79°50'26.07"E
	C	25°53'23.19"N	79°50'19.48"E
	D	25°53'14.35"N	79°50'35.92"E
Total Geological Reserves	4,83,900 cum		
Total Mineable Reserves in LOI	3,03,630 cum		
Total Proposed Production	15,18,150 cum		
Proposed Production/year	3,03,630 cum		
Sanctioned Period of Mine lease	5 years		
Production of mine/day	2102.4 tonnes		
Method of Mining	Semi-mechanized		
No. of working days	260 Days		
Working hours/day	10 hours		
No. of workers	133		
No. of vehicles movement/day	105		
Type of Land	Government Land		
Ultimate Depth of Mining	1.6 m		
. Nearest metalled road from site	0.92 Km		
Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.33
	Suppression of dust		11.04
	Plantation		1.10
	Total		13.47
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
Any litigation pending against the project or land in any court	No		
Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
Details of Lease Area in approved DSR	Yes, given in the DSR		
Proposed CER cost	Rs 22,00,000 /-		
Proposed EMP cost	Capital Cost-Rs.10.Lac Recurring Cost-4.0 Lac/year		
No. of Trees to be Planted	550 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. 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.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-06**

**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. 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. Environment management in according to environmental status and impact of the project.
3. Selection of plants for green belt should be on the basis of pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
5. Pakkamotorable haul road to be maintained by the project proponent.
6. 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.
7. Permission from the competent authority regarding evacuation route should be taken.
8. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
9. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable mask to the workers.
14. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
15. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
16. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
17. Provision for two toilets and hand pumps should be made at mining site.
18. Drinking water for workers would be provided by tankers.
19. 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.
20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. 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.
22. 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.
23. 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.
24. 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.
25. Width of the haul road shall be more than 6 meter.
26. 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.

**7. Sand/Morrum Mining from Birma River Bed in Gata No.-102, 174, 175, 30, 29/1, 44, 30, 1, at Village-Sengarpura, Gahlod, Ghurawas Mau, Tehsil- Kulpahad, District- Mahoba, U.P., Area: 12.428 ha. File No. 4240/Proposal No. SIA/UP/MIN/25634/2018**

The committee noted that the matter was earlier discussed in 411<sup>th</sup> SEAC meeting dated 11/07/2019 and the project proponent did not appear in the meeting. The project proponent vide letter dated 23/11/2020 requested to list the matter in next SEAC meeting. Hence, the matter was listed in 520<sup>th</sup> SEAC meeting dated 11/01/2021.

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

1. The environmental clearance is sought for River bed Sand/Morrum Mining along River Birma in Gata No. 102, 175, 30, 29/1, 44, 30, 1 at Village – Sengarpura, Gahlod, Dhurwas-mau, (Khand No. 11) Tehsil- Kulpahad, District- Mahoba, U. P. ( lease area - 12.428 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 167/Parya/SEAC/4240/2018, dated 27/06/2018.
3. The public hearing was organized on 28/09/2018. Final EIA report submitted by the project proponent on 24/10/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN25634/2018		
2.	File No. allotted by SEIAA, UP	4240		
3.	Name of Proponent	Sri Ajay Raj Dwivedi		
4.	Full correspondence address of proponent and mobile no.	S/o Sri Ram Dutt Dwivedi		
		R/O 235-A, Uttari Kheldar, Fatehpur, Uttar Pradesh		
		Mobile no. – E mail ID - ajayrd.9936@gmail.com		
5.	Name of Project	Environmental Clearance for proposed River bed Sand/Morrum Mining having lease area - 12.428 ha (30.70 acre) along River Birma in Gata No. 102, 175, 30, 29/1, 44, 30, 1 at Village – Sengarpura, Gahlod, Dhurwas-mau, (Khand No. 11) Tehsil- Kulpahad, District- Mahoba, U. P of Sri Ajay Raj Dwivedi.		
6.	Project Location (Plot. Khsra/Gata No.)	Gata No. 102, 175, 30, 29/1, 44, 30, 1, (Khand No. 11)		
7.	Name of River	River Birma		
8.	Name of Village	Sengarpura, Gahlod, Dhurwas-mau, Tehsil- Kulpahad, District- Mahoba, U. P		
9.	Tehsil	Kulpahad,		
10.	District	Mahoba		
11.	Name of Minor Mineral	Sand/Morrum		
12.	Sanctioned Lease Area (in Ha.)	12.428 ha		
13.	Max. & Min mRL within lease area	Highest level 164.3 mRL Lowest level 161.0 mRL Water level 160.9 mRL mRL		
14.	Pillar Coordinates (Verified by DMO)	<table border="1"><tr><td>Gata No. 102, 175, 30, 29/1, 44, 30, 1 at Village – Sengarpura, Gahlod, Dhurwas-mau, (Khand No. 11) Tehsil- Kulpahad, District- Mahoba, U. P.</td></tr><tr><td>Gahlud- Sengrpura- Ghurwas</td></tr></table>	Gata No. 102, 175, 30, 29/1, 44, 30, 1 at Village – Sengarpura, Gahlod, Dhurwas-mau, (Khand No. 11) Tehsil- Kulpahad, District- Mahoba, U. P.	Gahlud- Sengrpura- Ghurwas
Gata No. 102, 175, 30, 29/1, 44, 30, 1 at Village – Sengarpura, Gahlod, Dhurwas-mau, (Khand No. 11) Tehsil- Kulpahad, District- Mahoba, U. P.				
Gahlud- Sengrpura- Ghurwas				

**Minutes of 520<sup>th</sup> SEAC Meeting Dated 11/01/2021**

			PILLER	LATITUDE	LONGITUDE	
			A	25° 26' 44.01"N	79° 30' 28.51"E	
			B	25° 26' 42.54"N	79° 30' 30.66"E	
			B1	25° 26' 38.19"N	79° 30' 27.55"E	
			B2	25° 26' 39.59"N	79° 30' 27.49"E	
			B3	25° 26' 36.27"N	79° 30' 25.00"E	
			B4	25° 26' 35.85"N	79° 30' 25.36"E	
			B5	25° 26' 31.68"N	79° 30' 19.28"E	
			B6	25° 26' 29.08"N	79° 30' 17.74"E	
			B7	25° 26' 23.82"N	79° 30' 18.14"E	
			B8	25° 26' 20.42"N	79° 30' 17.14"E	
			B9	25° 26' 14.27"N	79° 30' 12.95"E	
			B10	25° 26' 01.95"N	79° 29' 55.62"E	
			C	25° 25' 58.98"N	79° 29' 53.57"E	
			D	25° 26' 00.51"N	79° 29' 51.33"E	
			D1	25° 26' 04.04"N	79° 29' 54.48"E	
			D2	25° 26' 05.00"N	79° 29' 53.92"E	
			D3	25° 26' 18.74"N	79° 30' 13.99"E	
			D4	25° 26' 33.25"N	79° 30' 17.01"E	
			D5	25° 26' 37.53"N	79° 30' 23.21"E	
15.	Total Geological Reserves	2,00,406 m <sup>3</sup>				
16.	Total Mineable Reserve in LOI	41,953 m <sup>3</sup>				
17.	Total Proposed Production	1,35,0000 m <sup>3</sup> (5 years)				
18.	Proposed Production /year	27,000 m <sup>3</sup> /annum				
19.	Sanctioned Period of Mine lease	5 years				
20.	Production of mine/day	108 m <sup>3</sup> /day				
21.	Method of Mining	Open cast semi-mechanized				
22.	No. of working days	250				
23.	Working hours/day	8				
24.	No. of worker	50				
25.	No. of vehicles movement/day	14				
26.	Type of Land	Govt./Non Forest Land (riverbed)				
27.	Ultimate of Depth of Mining	3.0 m depth or 1.0m above water level.				
28.	Nearest metalled road from site	1.0 km				
29.	Water Requirement	PURPOSE				
		Drinking - 0.50 KLD				
		Suppression of dust - 12.0 KLD				
		Plantation - 0.47 KLD				
		Others (if any) - 0.00 KLD				
		Total - 13.0 KLD				
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	NABET/EIA/1821 RA 0120 Valid till – 01/05/2021				
31.	Any litigation pending against the project or land in any court	No				
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 2858/MMC/ E-Tender / Sahmati Patra/ (2017-18) dated 28/03/2018				
33.	Details of Lease Area in approved DSR	Serial no. 50 Page no. 49				

34.	Project Cost	80.00 lacs/annum
35.	Proposed CER cost	1.60 lacs/annum
36.	Proposed EMP cost	14.19 lacs
37.	Length and breadth of Haul Road	Length – 1.0 km Breadth – 6.00 m
38.	No. of Trees to be Planted	470

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

**RESOLUTION AGAINST AGENDA NO-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-2 & 3 to these minutes regarding mining project.**

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. Environment management in according to environmental status and impact of the project.
3. Selection of plants for green belt should be on the basis of pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
5. Pakkamotorable haul road to be maintained by the project proponent.
6. 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.
7. Permission from the competent authority regarding evacuation route should be taken.
8. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
9. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable mask to the workers.
14. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
15. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
16. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
17. Provision for two toilets and hand pumps should be made at mining site.
18. Drinking water for workers would be provided by tankers.

19. 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.
20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. 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.
22. 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.
23. 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.
24. 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.
25. Width of the haul road shall be more than 6 meter.
26. 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.

**8. Sand/Morrum Mining along River Betwa River Bed in Khand No.-10/22, at Village-Beri, Tehsil & Distt.-Hamirpur.,(Area-36.437 Ha). File No. 4390/Proposal No. SIA/UP/MIN/28157/2018**

The committee noted that the matter was earlier discussed in 443<sup>rd</sup> SEAC meeting dated 07/01/2020 and the project proponent did not appear in the meeting. The project proponent vide letter dated 08/01/2021 requested to list the matter in next SEAC meeting. Hence, the matter was listed in 520<sup>th</sup> SEAC meeting dated 11/01/2021.

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

1. The environmental clearance is sought for “Sand/Morrum mining” from River Betwa in khand No. 10/22 at Village – Beri, Tehsil- Hamirpur, District- Hamirpur, U. P. (lease area 36.437 ha), M/s Annapurna Udyog.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 370/Parya/SEAC/4390/2017, dated 05/09/2018.
3. The public hearing was organized on 04/12/2018. Final EIA report submitted by the project proponent on 30/01/2019.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/28157/2018.
2.	File No. allotted by SEIAA, UP	4390
3.	Name of Proponent	Sri Mithlesh Kumar Gupta
4.	Full correspondence address of proponent and mobile no.	Sri Mithlesh Kumar Gupta S/o Mahendra Kumar Gupta R/o 128/380, K Block, Kidwai Nagar, District – Kanpur Nagar, Uttar Pradesh – 208011

**Minutes of 520<sup>th</sup> SEAC Meeting Dated 11/01/2021**

		Mobile no. – 098380 70314																																																																								
		E mail ID - annapurnaudyog.minerals@gmail.com																																																																								
5.	Name of Project	Environmental Clearance for proposed “Sand/Morrum mining” having lease area 36.437 ha (90.03 acre) along River Betwa in khand No. 10/22 at Village – Beri, Tehsil- Hamirpur, District- Hamirpur, U. P. of M/s Annapurna Udyog.																																																																								
6.	Project Location (Plot. Khsra/Gata No.)	khand No. 10/22																																																																								
7.	Name of River	River Betwa																																																																								
8.	Name of Village	Village – Beri, Tehsil- Hamirpur, District- Hamirpur, U. P.																																																																								
9.	Tehsil	Hamirpur																																																																								
10.	District	Hamirpur																																																																								
11.	Name of Minor Mineral	Sand/Morrum																																																																								
12.	Sanctioned Lease Area (in Ha.)	36.437 ha																																																																								
13.	Max. & Min mRL within lease area	Highest mRL is 104.80 mRL* Lowest mRL is 94.40 mRL* Working depth 3.00 m Zero Level of project site: 94.00 mRL*																																																																								
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <tr> <td align="center" colspan="3">River Betwa in khand No. 10/22 at Village – Beri, Tehsil- Hamirpur, District- Hamirpur, U. P.</td></tr> <tr> <td>Pillar</td><td>Latitude</td><td>Longitude</td></tr> <tr> <td align="center" colspan="3">Total Area 36.437 ha</td></tr> <tr> <td>A</td><td>25° 52' 44.66"N</td><td>79° 54' 10.71"E</td></tr> <tr> <td>B</td><td>25° 52' 57.20"N</td><td>79° 54' 18.59"E</td></tr> <tr> <td>C</td><td>25° 52' 48.93"N</td><td>79° 54' 31.95"E</td></tr> <tr> <td>D</td><td>25° 52' 22.83"N</td><td>79° 54' 24.45"E</td></tr> <tr> <td align="center" colspan="3">Submerge Area 7.15</td></tr> <tr> <td>E1</td><td>25° 52' 46.04"N</td><td>79° 54' 11.66"E</td></tr> <tr> <td>E2</td><td>25° 52' 53.95"N</td><td>79° 54' 16.41"E</td></tr> <tr> <td>E3</td><td>25° 52' 42.42"N</td><td>79° 54' 16.45"E</td></tr> <tr> <td>E4</td><td>25° 52' 29.40"N</td><td>79° 54' 26.82"E</td></tr> <tr> <td>E5</td><td>25° 52' 26.87"N</td><td>79° 54' 25.95"E</td></tr> <tr> <td align="center" colspan="3">Workable Area 19.48</td></tr> <tr> <td>B</td><td>25° 52' 57.20"N</td><td>79° 54' 18.59"E</td></tr> <tr> <td>E2</td><td>25° 52' 53.95"N</td><td>79° 54' 16.41"E</td></tr> <tr> <td>E3</td><td>25° 52' 42.42"N</td><td>79° 54' 16.45"E</td></tr> <tr> <td>E4</td><td>25° 52' 29.40"N</td><td>79° 54' 26.82"E</td></tr> <tr> <td>C</td><td>25° 52' 48.93"N</td><td>79° 54' 31.95"E</td></tr> <tr> <td align="center" colspan="3">Non-workable Area – 4.16 ha</td></tr> <tr> <td>A</td><td>25° 52' 44.66"N</td><td>79° 54' 10.71"E</td></tr> <tr> <td>E1</td><td>25° 52' 46.04"N</td><td>79° 54' 11.66"E</td></tr> <tr> <td>E5</td><td>25° 52' 26.87"N</td><td>79° 54' 25.95"E</td></tr> <tr> <td>D</td><td>25° 52' 22.83"N</td><td>79° 54' 24.45"E</td></tr> </table>	River Betwa in khand No. 10/22 at Village – Beri, Tehsil- Hamirpur, District- Hamirpur, U. P.			Pillar	Latitude	Longitude	Total Area 36.437 ha			A	25° 52' 44.66"N	79° 54' 10.71"E	B	25° 52' 57.20"N	79° 54' 18.59"E	C	25° 52' 48.93"N	79° 54' 31.95"E	D	25° 52' 22.83"N	79° 54' 24.45"E	Submerge Area 7.15			E1	25° 52' 46.04"N	79° 54' 11.66"E	E2	25° 52' 53.95"N	79° 54' 16.41"E	E3	25° 52' 42.42"N	79° 54' 16.45"E	E4	25° 52' 29.40"N	79° 54' 26.82"E	E5	25° 52' 26.87"N	79° 54' 25.95"E	Workable Area 19.48			B	25° 52' 57.20"N	79° 54' 18.59"E	E2	25° 52' 53.95"N	79° 54' 16.41"E	E3	25° 52' 42.42"N	79° 54' 16.45"E	E4	25° 52' 29.40"N	79° 54' 26.82"E	C	25° 52' 48.93"N	79° 54' 31.95"E	Non-workable Area – 4.16 ha			A	25° 52' 44.66"N	79° 54' 10.71"E	E1	25° 52' 46.04"N	79° 54' 11.66"E	E5	25° 52' 26.87"N	79° 54' 25.95"E	D	25° 52' 22.83"N	79° 54' 24.45"E
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15.	Total Geological Reserves	8,05,392 m <sup>3</sup>																																																																								
16.	Total Mineable Reserve in LOI	4,84,143 m <sup>3</sup>																																																																								
17.	Total Proposed Production	29,14,560 m <sup>3</sup> (5 years)																																																																								
18.	Proposed Production /year	5,82,912 m <sup>3</sup> /annum																																																																								
19.	Sanctioned Period of Mine lease	5 years																																																																								



20.	Production of mine/day	2,332 m <sup>3</sup> /day
21.	Method of Mining	Opencast semi-mechanized
22.	No. of working days	250
23.	Working hours/day	8
24.	No. of worker	90
25.	No. of vehicles movement/day	195
26.	Type of Land	Govt./Non Forest Land (riverbed)
27.	Ultimate of Depth of Mining	3.0 m depth
28.	Nearest metalled road from site	1.2 km
29.	Water Requirement	PURPOSE
		Drinking - 0.90 KLD
		Suppression of dust - 7.8 KLD
		Plantation - 0.44 KLD
		Others (if any) - 0.00 KLD
		Total - 9.14 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	NABET/EIA/1821 RA 0120 Valid till – 01/05/2021
31.	Any litigation pending against the project or land in any court	No
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1822/Khanij-MMC-30- Vividh (2020-21) dated 10/12/2020
33.	Details of Lease Area in approved DSR	Serial no. 75 Page no. 02
34.	Project Cost	1.11 Crore/annum
35.	Proposed CER cost	2.22 lacs/annum
36.	Proposed EMP cost	11.98 lacs
37.	Length and breadth of Haul Road	Length – 0.65 km Breadth – 6.00 m
38.	No. of Trees to be Planted	440

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

#### **RESOLUTION AGAINST AGENDA NO-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. 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. Environment management in according to environmental status and impact of the project.
3. Selection of plants for green belt should be on the basis of pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
5. Pakkamotorable haul road to be maintained by the project proponent.
6. 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.

7. Permission from the competent authority regarding evacuation route should be taken.
8. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
9. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable mask to the workers.
14. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
15. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
16. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
17. Provision for two toilets and hand pumps should be made at mining site.
18. Drinking water for workers would be provided by tankers.
19. 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.
20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. 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.
22. 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.
23. 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.
24. 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.
25. Width of the haul road shall be more than 6 meter.
26. 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 Mining from Ganga Riverbed at Gata No.-1436/22, Khand No.-1/A, Village- Ralpur, Tehsil-Laganj, Raebareli, U.P., Shri Nitin Kumar Pandey, (Area: 8.49 Ha) File No. 5971/4877/Proposal No. SIA/UP/MIN/58014/2019**

The committee noted that the matter was earlier discussed in 503<sup>rd</sup> SEAC meeting dated 27/11/2020 and directed the project proponent to submit following information:

1. MOU between NABL lab and consultant.
2. Intimation letter to UPPCB and District Administration for conducting environmental monitoring.
3. PPT should be revised along with TOR points.
4. Page no. 29, 30, 32 and 50 of PPT is to be revised.

The project proponent submitted their replies vide letter dated 08/01/2021. Hence, the matter was listed in 520<sup>th</sup> SEAC meeting dated 11/01/2021. 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/ moram Mining project at Gata No:1436/22,1437 Khand No: 1/अ River Ganga Village- Ralpur Tehsil-Lalganj District- Raebareli, State- Uttar Pradesh, (Lease Area-8.49 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 604/Parya/SEAC/4877/2019 dated 19/02/2020.
3. The public hearing was organized on 25/08/2020. Final EIA report submitted by the project proponent on 03/11/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58014/2019																		
2.	File No. allotted by SEIAA, UP	5971/4877																		
3.	Name of Proponent	ShriNitin Kumar Pandey																		
4.	Full correspondence address of proponent and	R/o- Village-Shivpuri ,Post-Gegaso Tehsil- Lalganj																		
5.	mobile No.	Thana-Sareni District Raebareli (U.P.)																		
6.	Name of Project	Proposed Ralpur Sand/ moram Mining project																		
7.	Project location (Plot/Khasra/Gata No.)	Gata No:1436/22,1437 Khand No: 1/अ																		
8.	Name of River	Ganga River																		
9.	Name of Village	Ralpur																		
10.	Tehsil	Lalganj																		
11.	District	Raebareli																		
12.	Name of Minor Mineral	Ordinary Sand																		
13.	Sanctioned Lease Area (in Ha.)	8.49																		
14.	Max & Min mRL within lease area	104.2 mRL&100.5 mRL																		
15.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Mining Lease Area</th></tr> <tr> <th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>26° 1' 54.29"</td><td>80° 50' 45.70"</td></tr> <tr> <td>B</td><td>26° 2' 18.63"</td><td>80° 50' 56.49"</td></tr> <tr> <td>C</td><td>26° 2' 18.11"</td><td>80° 51' 0.47"</td></tr> <tr> <td>D</td><td>26° 1' 53.81"</td><td>80° 50' 49.25"</td></tr> </tbody> </table>	Sanctioned Mining Lease Area			Pillar No.	Latitude	Longitude	A	26° 1' 54.29"	80° 50' 45.70"	B	26° 2' 18.63"	80° 50' 56.49"	C	26° 2' 18.11"	80° 51' 0.47"	D	26° 1' 53.81"	80° 50' 49.25"
Sanctioned Mining Lease Area																				
Pillar No.	Latitude	Longitude																		
A	26° 1' 54.29"	80° 50' 45.70"																		
B	26° 2' 18.63"	80° 50' 56.49"																		
C	26° 2' 18.11"	80° 51' 0.47"																		
D	26° 1' 53.81"	80° 50' 49.25"																		
16.	Total Geological Reserves	2,32,200 m <sup>3</sup> per year / 3,48,300 TPA																		

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17.	Total Mineable Reserves in LOI	67,920 m <sup>3</sup> per year / 101880 TPA	
18.	Total Proposed Production	3,39,600 m <sup>3</sup> / 5,09,400 TPA	
19.	Proposed Production/year	67,920 m <sup>3</sup> per year / 101880 TPA	
20.	Sanctioned Period of Mine lease	5 years	
21.	Production of mine/day	272 m <sup>3</sup> /day or 408 TPA	
22.	Method of Mining	Opencast Semi-Mechanized	
23.	No. of working days	250	
24.	Working hours/day	12 hrs (in two shifts)	
25.	No. of workers	58	
26.	No. of vehicles movement/day	25	
27.	Type of Land	Lease land issued by government of UP	
28.	Ultimate Depth of Mining	1.0 m	
29.	Nearest metalled road from site	0.9 km away kaccha road	
30.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.58 or 0.6 KLD
		Suppression of dust	5.4 KLD
		Plantation	1.8 KLD
		Others (if any)	
		Total	7.8 or 8.0 KLD
31.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
32.	Any litigation pending against the project or land in any court	No	
33.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate Letter No. 2927 dated. 20-05-2019	
34.	Details of Lease Area in approved DSR	Yes, given in the DSR	
35.	Proposed CER cost	Rs 1,90,000/-	
36.	Proposed EMP cost	Capital Rs-3,00,000/- recurring cost- Rs 2,50,000/-	
37.	Length and breadth of Haul Road	900 m, 6 m	
38.	No. of Trees to be Planted	600 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. 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.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

### RESOLUTION AGAINST AGENDA NO-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 regarding mining project.**

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. Environment management in according to environmental status and impact of the project.
3. Selection of plants for green belt should be on the basis of pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
5. Pakkamotorable haul road to be maintained by the project proponent.

6. 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.
7. Permission from the competent authority regarding evacuation route should be taken.
8. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
9. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable mask to the workers.
14. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
15. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
16. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
17. Provision for two toilets and hand pumps should be made at mining site.
18. Drinking water for workers would be provided by tankers.
19. 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.
20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. 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.
22. 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.
23. 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.
24. 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.
25. Width of the haul road shall be more than 6 meter.
26. 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. Soil Excavation at Gata No.-189,190,191,192,247,200,201,210,231,185, 199, 239, 202, 196, Village-Salawa, Kanth, Moradabad,,Shri Vijendra Singh., Area -2.725 ha File No. 6094/Proposal No. SIA/UP/MIN/189556/2020**

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 Soil Excavation at Gata No. 189, 190, 191, 192, 247, 200, 201, 210, 231, 185, 199, 239, 202, 196, Village- Salawa, Tehsil- Kanth, District- Moradabad, U.P., Sh. Vijendra Singh, Lease Area: 2.725 Ha.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/189556/2020			
2. File No. allotted by SEIAA, U.P	6094			
3. Name of Proponent	Sh. Vijendra Singh S/o Late Shri Ram Singh			
4. Full correspondence address of proponent	R/o- Vidya Nagar Mau, Thana Civil Lines ,Tehsil & District- Moradabad (U.P.)			
5. Name of Project	Mining of Minor Mineral (Soil)			
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No. – 189, 190, 191, 192, 247, 200, 201, 210, 231, 185, 199, 239, 202, 196			
7. Name of River	NA			
8. Name of Village	Salawa			
9. Tehsil	Kanth			
10. District	Moradabad, Uttar Pradesh.			
11. Name of Minor Mineral	Ordinary Soil Excavation Project			
12. Sanctioned Lease Area (in Ha.)	2.725 Ha.			
13. Mineable Area (in Ha.)	2.4525 Ha (safety margin 0.2725 Ha.)			
14. Zero level mRL	NA			
15. Max. & Min mrl within lease area	205 mRL			
16. Pillar Coordinates (Verified by DMO)	Gata NO.	Points	GPS Coordinates	
			Latitude	Longitude
	189	A	28° 57.710'N	78° 41.726'E
		B	28° 57.701'N	78° 41.742'E
		C	28° 57.678'N	78° 41.726'E
		D	28° 57.689'N	78° 41.705'E
	190	A	28° 57.724'N	78° 41.697'E
		B	28° 57.709'N	78° 41.723'E
		C	28° 57.698'N	78° 41.711'E
		D	28° 57.713'N	78° 41.686'E
	191	A	28° 57.710'N	78° 41.683'E
		B	28° 57.696'N	78° 41.708'E
		C	28° 57.690'N	78° 41.701'E
		D	28° 57.684'N	78° 41.697'E
		E	28° 57.700'N	78° 41.672'E
	192	A	28° 57.699'N	78° 41.671'E
		B	28° 57.683'N	78° 41.696'E
		C	28° 57.678'N	78° 41.692'E
		D	28° 57.672'N	78° 41.684'E
		E	28° 57.687'N	78° 41.662'E
	247	A	28° 57.688'N	78° 41.704'E
		B	28° 57.680'N	78° 41.721'E

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		C	28° 57.674'N	78° 41.728'E
		D	28° 57.667'N	78° 41.723'E
		E	28° 57.662'N	78° 41.714'E
		F	28° 57.679'N	78° 41.694'E
	200	A	28° 57.735'N	78° 41.609'E
		B	28° 57.721'N	78° 41.637'E
		C	28° 57.704'N	78° 41.625'E
		D	28° 57.721'N	78° 41.596'E
	201	A	28° 57.740'N	78° 41.573'E
		B	28° 57.737'N	78° 41.580'E
		C	28° 57.735'N	78° 41.578'E
		D	28° 57.722'N	78° 41.596'E
		E	28° 57.701'N	78° 41.580'E
		F	28° 57.718'N	78° 41.556'E
	210	A	28° 57.759'N	78° 41.540'E
		B	28° 57.738'N	78° 41.571'E
		C	28° 57.706'N	78° 41.544'E
		D	28° 57.704'N	78° 41.537'E
		E	28° 57.712'N	78° 41.519'E
		F	28° 57.722'N	78° 41.507'E
	231	A	28° 57.636'N	78° 41.624'E
		B	28° 57.627'N	78° 41.639'E
		C	28° 57.623'N	78° 41.634'E
		D	28° 57.632'N	78° 41.621'E
	185	A	28° 57.753'N	78° 41.594'E
		B	28° 57.743'N	78° 41.611'E
		C	28° 57.725'N	78° 41.596'E
		D	28° 57.733'N	78° 41.583'E
		E	28° 57.736'N	78° 41.583'E
		F	28° 57.739'N	78° 41.584'E
	199	A	28° 57.721'N	78° 41.596'E
		B	28° 57.706'N	78° 41.622'E
		C	28° 57.682'N	78° 41.604'E
		D	28° 57.686'N	78° 41.601'E
		E	28° 57.700'N	78° 41.581'E
	239	A	28° 57.646'N	78° 41.631'E
		B	28° 57.638'N	78° 41.650'E
		C	28° 57.627'N	78° 41.641'E
		D	28° 57.637'N	78° 41.624'E
	202	A	28° 57.717'N	78° 41.555'E
		B	28° 57.699'N	78° 41.580'E
		C	28° 57.684'N	78° 41.568'E
		D	28° 57.701'N	78° 41.542'E
	196	A	28° 57.673'N	78° 41.623'E
		B	28° 57.665'N	78° 41.642'E
		C	28° 57.649'N	78° 41.631'E
		D	28° 57.632'N	78° 41.618'E
		E	28° 57.644'N	78° 41.602'E
17. Total Geological Reserves	53,955 m <sup>3</sup>			
18. Total Mineable Reserves in LOI	49,050 m <sup>3</sup> in Six month			
19. Total Proposed Production	49,050 m <sup>3</sup> in Six month			
20. Proposed Production/year	8,175 m <sup>3</sup> / month			
21. Sanctioned Period of Mine lease	6 months			

22. Production of mine/day	NA	
23. Method of Mining	Open cast and manual & loading by 1 excavator	
24. No. of working days	180 days	
25. Working hours/day	8 hours/day	
26. No. Of workers	Approximately 28 workers	
27. No. Of vehicles movement/day	Approximately 18-20 movements per day	
28. Type of Land	Ordinary Soil Excavation Project	
29. Ultimate Depth of Mining	2.2 meter	
30. Nearest metalled road from site	SH-49 is located at 2.20 km towards South direction	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.38
	Suppression of dust	3.12
	Plantation	0.015
	Others (if any)	-
	Total	3.5 KLD Approx.
32. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow(U.P) Certificate No. NABET/ EIA/ 1619/IA 0019 Ext. letter No- QCI/NABET /ENV/ACO/20/1549 and valid up to 2 March, 2021	
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. 628/ खनिजसहायक/ 2020 on dated 17/12/2020	
35. Details of Lease Area in approved DSR	NA	
36. Proposed CER cost	Rs. 1,26,425/- (4% of the total Project cost)	
37. Proposed EMP cost/ Total Project cost	Rs. 25,00,000/-	
38. Length and breadth of Haul Road	260 m length and 6 m width	
39. No. of Trees to be Planted	15	

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

#### **RESOLUTION AGAINST AGENDA NO-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-1 to these minutes.

#### **11. Soil Mining at Gata No.- 424, Village-Veerpur Than, Moradabad, U.P., Shri Mudassir Khan., Area -1.680 ha File No. 6096/Proposal No. SIA/UP/MIN/190731/2020**

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 Ordinary Soil Excavation Mining at Gata No/Khand No.-424 Village Village-Veerpur Than, Tehsil & District- Moradabad, Uttar Pradesh. Shri Mudassir Khan Mine (Leased Area:1.680 Ha.).
2. Salient features of the project as submitted by the project proponent:



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1	On Line Proposal No.	SIA/UP/MIN/190731/2020		
2	File No. allotted by SEIAA, UP	6096		
3	Name of Proponent	Shri Mudassir Khan		
4	Full correspondence address of proponent and mobile no.	R/O- Village-Rampur Bheela ,Post Office – Sarkara Khas Tehsil & District :Moradabad, State- Uttar Pradesh		
5	Name of Project	Area: 1.680 Ha Ordinary Soil Excavation” Project at Gata No.– 424, Village-Veerpur Than , Tehsil & District- Moradabad, Uttar Pradesh. ;Shri Mudassir		
6	Project Location(Plot.Khsra/Gata No.)	Gata No.– 424,		
7	Name of Village	Veerpur Than		
8	Tehsil	Moradabad		
9	District	Moradabad		
10	Name of Minor Mineral	Ordinary Soil		
11	Sanctioned Mine Area (in Ha.)	1.680 Ha.		
12	Max. mRL within Mine area	202 AMSL		
13	Pillar Coordinates (Verified by DMO)	POINT	LATTITUDE	LONGITUDE
		A	28°50'7.97"N	78°52'8.91"E
		B	28°50'9.15"N	78°52'10.37"E
		C	28°50'8.65"N	78°52'11.51"E
		D	28°50'9.18"N	78°52'12.14"E
		E	28°50'7.96"N	78°52'14.89"E
		F	28°50'7.31"N	78°52'14.53"E
		G	28°50'6.99"N	78°52'15.46"E
		H	28°50'7.37"N	78°52'16.31"E
		I	28°50'3.30"N	78°52'12.72"E
		J	28°50'4.08"N	78°52'11.87"E
		K	28°50'4.65"N	78°52'12.43"E
		L	28°50'5.67"N	78°52'11.66"E
		M	28°50'4.82"N	78°52'9.83"E
		N	28°50'6.61"N	78°52'9.32"E
		O	28°50'7.12"N	78°52'9.67"E
14	Total Geological Reserves	36960m <sup>3</sup>		
15	Total Mineable Reserve	30,408 m <sup>3</sup> for 6 month		
16	Total Proposed Production	30,408 m <sup>3</sup> for 6 month		
17	Total Proposed Production in six months	30,408 m <sup>3</sup>		
18	Sanctioned Period of Mine Area	Six months		
19	Production of mine/day	169.00 m <sup>3</sup> /Day		
20	Method of Mining	Open cast Manual / Semi Mechanized Mining Method		
21	No. of working days	180 Days		
22	Working hours/day	8 Hours		
23	No. of worker	25 Worker		
24	No. of vehicles movement/day	19 Trucks / Day (Depending on market demand)		
25	Type of Land	Pvt. Land (Uneven Agriculture Land )		
26	Ultimate of Depth of Mining	2.2 m		
27	Nearest metalled road from site	1.30 Km		
28	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.25KLD	
		Suppression of dust	6.00 KLD	
		Plantation	0.50 KLD	

		Others (if any)	
		Total	6.75 KLD( Approx 7.00 KLD)
29	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 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-637-/ Khanij Sahayak/2020 Date- 21.12.2020	
32	Proposed CER cost	2% of total project cost i.e. Rs. 0.49 Lakhs	
33	Proposed EMP cost	3.06 Lakhs	
34	Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road	
35	No. of Trees to be Planted	25 Trees	

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

#### **RESOLUTION AGAINST AGENDA NO-11**

**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.**

#### **12. Soil Excavation at Gata No.-15, 47, 89, Village-Arifpur, Tehsil- Bilari, Moradabad., Shri Arshad Ali., Area -1.567 ha File No. 6099/Proposal No. SIA/UP/MIN/190752/2020**

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 Soil Excavation at Gata No. 15, 47, 89, Village-Arifpur, Tehsil- Bilari, District- Moradabad, U.P., (Leased Area: 1.567 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/190752/2020
2. File No. allotted by SEIAA, UP	6099
3. Name of Proponent	Proponent- ShriArshad Ali S/o ShriMunanAhamad
4. Full correspondence address of proponent	R/o- PipliChak, District- Moradabad (U.P.)-202411
5. Name of Project	Mining of Minor Mineral (Soil)
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No. – 15, 47, 89
7. Name of River	Ram Ganga River, 10.30 km towards East direction.
8. Name of Village	Arifpur
9. Tehsil	Bilari
10. District	Moradabad, Uttar Pradesh.

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11. Name of Minor Mineral	Ordinary Soil Excavation Project			
12. Sanctioned Lease Area (in Ha.)	1.567 ha.			
13. Mineable Area (in Ha.)	1.4103 ha. (Safety Margin is 0.1567 ha.)			
14. Zero level mRL	NA			
15. Max. & Min mrl within lease area	202 mRL			
16. Pillar Coordinates (Verified by DMO)	Gata No.	Point	Latitude	Longitude
	15	M	28°45'9.31"N	78°43'32.38"E
		N	28°45'7.02"N	78°43'35.40"E
		O	28°45'5.95"N	78°43'34.35"E
		P	28°45'8.26"N	78°43'31.37"E
	47	Q	28°44'55.80"N	78°43'27.70"E
		R	28°44'53.92"N	78°43'25.95"E
		S	28°44'54.86"N	78°43'24.58"E
		T	28°44'56.81"N	78°43'26.26"E
	89	A	28°45'5.00"N	78°43'43.73"E
		B	28°45'3.96"N	78°43'44.78"E
		C	28°45'1.31"N	78°43'42.07"E
		D	28°45'1.63"N	78°43'41.63"E
		E	28°45'0.13"N	78°43'39.89"E
F		28°45'0.79"N	78°43'39.08"E	
17. Total Geological Reserves	35,257.5 m <sup>3</sup>			
18. Total Mineable Reserves in LOI	31,027 m <sup>3</sup> in Six Month			
19. Total Proposed Production	31,027 m <sup>3</sup> in Six Month			
20. Proposed Production/year	5171.16 m <sup>3</sup> per month			
21. Sanctioned Period of Mine lease	6 months			
22. Production of mine/day	NA			
23. Method of Mining	Open cast and Manual & Loading by 1 excavator			
24. No. of working days	180 days			
25. Working hours/day	8 hours/day			
26. No. Of workers	Approximately 17 workers			
27. No. Of vehicles movement/day	Approximately 13-14 movements per day			
28. Type of Land	Ordinary Soil Excavation Project			
29. Ultimate Depth of Mining	2.2 meters			
30. Nearest metalled road from site	NH-93, 4.7 km in East direction from the project site.			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.27	
	Suppression of dust		2.8	
	Plantation		0.3	
	Others (if any)		-	
	Total		3.37 KLD ( Approx. 4.0 KLD)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1619/IA 0019 Ext. letter No- QCI/NABET /ENV/ACO/20/1549 and valid up to 2 March, 2021			
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. 681/ खनिजसहायक 2020 on dated 30/12/2020			
35. Details of Lease Area in approved DSR	NA			
36. Proposed EMP cost	Rs. 1,54,750/-			

37. Proposed Total Project cost	Rs. 31,63,000/-
38. Length and breadth of Haul Road	120 m length and 6 m width
39. No. of Trees to be Planted	50

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

**RESOLUTION AGAINST AGENDA NO-12**

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

**13. Soil Mining at Gata No.- 251, 252, 409, Village-Sihora Baje, District- Moradabad, U.P. Shri Mohd Saleem., Area -0.891 ha File No. 6100/Proposal No. SIA/UP/MIN/190766/2020**

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 Ordinary Soil Excavation Mining at Gata No./Khand No. 251, 252, 409 Village Village-Sihora Baje, Tehsil & District- Moradabad, Uttar Pradesh. Shri Mohd. Saleem Mine Area: 0.891 Ha.
2. Salient features of the project as submitted by the project proponent:

1	On Line Proposal No.	SIA/UP/MIN/190766/2020
2	File No. allotted by SEIAA, UP	6100
3	Name of Proponent	Mohd.Saleem
4	Full correspondence address of proponent and mobile no.	R/O- Village- Milak Sihora Baje ,Post Office –Munda Pande Tehsil & District :Moradabad, State- Uttar Pradesh
5	Name of Project	Area:0.891 Ha Ordinary Soil Excavation” Project at Gata No.– 251,252,409, Village-Sihora Baje , Tehsil & District- Moradabad, Uttar Pradesh...; Mohd Saleem
6	Project Location(Plot.Khsra/Gata No.)	Gata No.– 251,252,409
7	Name of Village	Sihora Baje
8	Tehsil	Moradabad
9	District	Moradabad
10	Name of Minor Mineral	Ordinary Soil
11	Sanctioned Mine Area (in Ha.)	0.891 Ha.
12	Max. & Min mRL within Mine area	202 AMSL

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113	Pillar Coordinates Verified by DMO	Gata No'-251	
		Pillar No.	Latitudes
		A	28°48'40.56"N
		B	28°48'40.98"N
		C	28°48'39.87"N
		D	28°48'39.41"N
		Gata No'-252	
		Pillar No.	Latitudes
		A	28°48'39.29"N
		B	28°48'39.74"N
		C	28°48'38.94"N
		D	28°48'38.38"N
		Gata No'-409	
		Pillar No.	Latitudes
		A	28°48'40.55"N
		B	28°48'40.25"N
		C	28°48'41.77"N
		D	28°48'41.21"N
14	Total Geological Reserves	19602m <sup>3</sup>	
15	Total Mineable Reserve	16127 m <sup>3</sup> for 6 Month	
16	Total Proposed Production	16127 m <sup>3</sup> for 6 Month	
17	Total Proposed Production in six months	16127 m <sup>3</sup>	
18	Sanctioned Period of Mine Area	Six months	
19	Production of mine/day	90.10 m <sup>3</sup> /Day	
20	Method of Mining	Open cast Manual / Semi Mechanized Mining Method	
21	No. of working days	180 Days	
22	Working hours/day	8 Hours	
23	No. of worker	18 Worker	
24	No. of vehicles movement/day	10 Trucks / Day (Depending on market demand)	
25	Type of Land	Pvt. Land (Uneven Agriculture Land)	
26	Ultimate of Depth of Mining	2.20 m	
27	Nearest metalled road from site	1.00 Km	
28	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.18 KLD
		Suppression of dust	4.80 KLD
		Plantation	0.50 KLD
		Others (if any)	
		Total	5.48 KLD( Approx 5.50 KLD)
29	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 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	Letter No-638/Khanij Sahayak/2020 Date-21.12.2020	

	Officer	
32	Proposed CER cost	2% of total project cost i.e. Rs. 33460
33	Proposed EMP cost	3.06 Lakhs
34	Length and breadth of Haul Road	800 mtr Length & 6m width haulage road
35	No. of Trees to be Planted	25 Trees

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

**RESOLUTION AGAINST AGENDA NO-13**

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

**14. Stone Crusher at Khasra No.-70/3/1,70/3/1,70/2,68/2, 68/3/2, 68/1, Village- Dhaba, Raipur, Tehsil-Behat, Saharanpur, U.P., M/s Salamti Stone Crusher File No. 5836**

**RESOLUTION AGAINST AGENDA NO-14**

SEAC went through the file and documents and observed that the information/documents required as per Hon'ble NGT order dated 19/07/2017 is not provided by the project proponent/consultant. Hence, the committee directed to defer the matter due to following incomplete information.

1. Raw material storage license permission from DM should be submitted.
2. Provision of Anti-smog gun to mitigate air pollution.

The matter will be discussed only after submission of above information.

**15. Stone Crusher at Khasra No.-440, 441, 442 & 455, Village- Aslampur Bartha, Faizabad, Tehsil-Behat, Saharanpur. M/s Jai Sai Ram Enterprises, File No. 5837**

The committee noted that the matter was earlier discussed in 495<sup>th</sup> SEAC meeting dated 30/09/2020 and decided the project proponent to submit following information:

1. In view of NGT's order Source of raw material for the crusher plant should be provided.
2. The source of water for stone crusher plant should be provided;also the water demand of the project should be recalculated.
3. Emission of dust should be controlled through application of Anti-Smog Gun.

The project proponent submitted their replies vide letter dated 03/10/2020. Hence, the matter was listed in 507<sup>th</sup>SEAC meeting dated 02/12/2020 and again on 520<sup>th</sup> SEAC meeting dated 11/01/2021. The

proponent along with their consultant M/s ENV DAS India Private Limited through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Stone Crusher Unit of M/s Jai Sai Ram Enterprises located at Khasra No. 440, 441, 442 & 455, Village- AslampurBartha, Pargana- Faizabad, Tehsil- Behat, District- Saharanpur, Uttar Pradesh; Area- 1.766 ha
2. Salient features of the project as submitted by the project proponent:

Sl.No.	Item	Details
1.	File No.	5837
2.	Name of the project	Stone Crusher Unit of M/s Jai Sai Ram Enterprises located at Khasra No. 440, 441, 442 & 455 Village- AslampurBartha, Pargana- Faizabad, Tehsil- Behat, District- Saharanpur (U.P.)
3.	Name of the applicant and registered address	Smt. Rekha Mittal W/o Shri Vikash Kumar R/o H. No. 202, Huda Sector 17, Yamuna Nagar, Jagadhari, Haryana-135001
4.	Sl. No. in the schedule	Not covered in the schedule of EIA Notification 2006 (as amended)
5.	Category of Project i.e. 'A' or 'B'	Not applicable as it is not in the schedule of EIA Notification 2006 (as amended)
6.	Proposed capacity	Production capacity: Stone, Grit, Dust, Bajri & Coarse Sand- 300 MT/day Area of the Crusher Plant- 17,660 m <sup>2</sup> / 4.36 acres/ 1.766 ha
7.	Area of the Crusher Plant	Area- 1.766 ha
8.	Geographical location of the crusher unit	Latitude - 30°12'29.94"N Longitude - 77°30'59.10"E
9.	Nearest Railway station/airport	Sarsawa Railway Station- 22 km*(SW) Sarsawa Airport- 25 km*(S) Yamuna River- 1.0 km*(W)
10.	Highways	SH57- 8.0 km*(E) NH73A- 9.0 km* (NW)
11.	Interstate boundary	Uttar Pradesh-Haryana: 1.1 km* (W)
12.	Water body	Yamuna River flowing at 1.0 km* (W)

#### **RESOLUTION AGAINST AGENDA NO-15**

The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:

##### **A. General Conditions:**

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM10) and NOx 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.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.
7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. 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.
9. 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.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. 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 copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. 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, Chandigarh by e-mail.
13. The project authorities should 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 web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. 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 record of the workers shall be maintained.



16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
17. Personnel working in areas shall be provided with protective respiratory devices like nose mask and they shall also be imparted adequate training and information on safety and health aspects.
18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.
19. The transportation of the materials shall be limited to day time only.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. 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.
22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of The Environment (Protection) Act, 1986.

**B. Specific Conditions:**

1. The stone crusher will be operational only after getting the storage license/source of material from the concerned department and ensuring availability of required water through rain water harvesting.
2. In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti smog guns shall be installed to reduce dust pollution during operation.
4. As per the Hon'ble NGT order, the source of raw material (storage licence) should be provided before initiation of the project.
5. Source of water along with the permission of competent authority should be provided before initiation of the project.
6. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
7. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
8. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
9. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
10. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.

11. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
12. 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. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
13. 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. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
14. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
15. 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.
16. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
17. No drilling and blasting operation shall be carried out.
18. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
19. 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.
20. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
22. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall submitted to this Authority within one year.
23. 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 shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
24. Thick plantation (3 rows in 10 m wide belt) of native trees having dense foliage and broader leaves and shrubs shall be carried out at the periphery of the crusher premises and shall be maintained. Any mortality of trees should be replaced.

25. Rain water harvesting shall be undertaken to recharge the ground water source.
26. A grit settling tank/sedimentation tank of sufficient capacity shall be constructed within the premises of the crusher unit to collect the spent wash/excess water used in air pollution control measures. The water thus collected should be treated & recycled back for the same practices. Fine particle (silt) thus arrested in the tank should be desilted at regular intervals.
27. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
28. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever 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 crusher plant and silts arrested. De- silting at regular intervals shall be carried out.
29. Garland drain of appropriate size, gradient and length shall be constructed 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.
30. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.
31. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
32. Project Proponent shall explore the possibility of using solar energy where ever possible.
33. 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.
34. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time.

**16. Stone Crusher at Khasra No.-54 & 254, Village- Bartha Korsi, Paragana-Faizabad, Tehsil-Behat, Saharanpur, U.P., M/s Sanjay Construction File No. 5838**

The committee noted that the matter was earlier discussed in 495<sup>th</sup> SEAC meeting dated 30/09/2020 and decided the project proponent to submit following information:

1. In view of NGT's order Source of raw material for the crusher plant should be provided.
2. The source of water for stone crusher plant should be provided; also the water demand of the project should be recalculated.
3. Emission of dust should be controlled through application of Anti-Smog Gun.

The project proponent submitted their replies vide letter dated 03/10/2020. Hence, the matter was listed in 507<sup>th</sup> SEAC meeting dated 02/12/2020 and again on 520<sup>th</sup> SEAC meeting dated 11/01/2021. The proponent along with their consultant M/s ENV DAS India Private Limited through the documents submitted and the presentation made, informed the committee that:-

1. Stone Crusher of M/s Sanjay Construction located at Khand No. 51/1 & 51/2 Khasra No. 54 & 254 Village- BarthaKorsi, Pargana- Faizabad, Tehsil- Behat, District- Saharanpur, Uttar Pradesh,

Area-1.571 ha.

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

Sl.No.	Item	Details
1.	File No.	5838
2.	Name of the project	Stone Crusher of M/s Sanjay Construction located at Khand No. 51/1 & 51/2 Khasra No. 54 & 254 Village-BarthaKorsi, Pargana- Faizabad, Tehsil- Behat, District-Saharanpur, Uttar Pradesh, Area-1.571 ha.
3.	Name of the applicant and registered address	Shri Sanjay Singh Sajwan S/o ShriChatar Singh Sajwan R/o Ward No. 05, jogiyanaAthoonwala, Athhoorwala, Dehradun, Uttarakhand- 248202.
4.	Sl. No. in the schedule	Not covered in the schedule of EIA Notification 2006 (as amended)
5.	Category of Project i.e. 'A' or 'B'	Not applicable as it is not in the schedule of EIA Notification 2006 (as amended)
6.	Proposed capacity	Production capacity: Boulder- 800 TPD
7.	Area of the Crusher Plant	Area- 1.571 ha.
8.	Geographical location of the crusher unit	Latitude - 30°13'53.36"N Longitude - 77°31'39.84"E
9.	Nearest Railway station/airport	1: Kalanour Railway Station-24.84km*(SW) 2: Sarsawa Airport- 28.75km*(SW) 3: Yamuna River- 1.2 km*(W)
10.	Highways	1.SH57(Delhi-Saharanpur-YamunotriMarg)- 4.91 km*(E) 2.NH73A(Chharauli-Ponta Sahib)- 6.68 km* (NW)
11.	Interstate boundary	Uttar Pradesh-Haryana: 1.20 km (W)
12.	Water body	Yamuna River flowing at 1.2km* (W)

**RESOLUTION AGAINST AGENDA NO-16**

The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:

**A. General Conditions:**

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad / 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.
4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.

5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM10) and NOx 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.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.
7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. 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.
9. 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.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. 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 copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. 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, Chandigarh by e-mail.
13. The project authorities should 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 web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. 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 record of the workers shall be maintained.
16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.

17. Personnel working in areas shall be provided with protective respiratory devices like nose mask and they shall also be imparted adequate training and information on safety and health aspects.
18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.
19. The transportation of the materials shall be limited to day time only.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. 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.
22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of The Environment (Protection) Act, 1986.

**B. Specific Conditions:**

1. **The stone crusher will be operational only after getting the storage license/source of material from the concerned department and ensuring availability of required water through rain water harvesting as proposed, since the ground water harnessing is not permitted by competent authority.**
2. In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti smog guns shall be installed to reduce dust pollution during operation.
4. As per the Hon'ble NGT order, the source of raw material (storage licence) should be provided before initiation of the project.
5. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
6. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
7. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
8. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
9. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
10. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
11. 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. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
12. 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. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.

13. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
14. 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.
15. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
16. No drilling and blasting operation shall be carried out.
17. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
18. 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.
19. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
20. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
21. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall submitted to this Authority within one year.
22. 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 shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
23. Thick plantation (3 rows in 10 m wide belt) of native trees having dense foliage and broader leaves and shrubs shall be carried out at the periphery of the crusher premises and shall be maintained. Any mortality of trees should be replaced.
24. Rain water harvesting shall be undertaken to recharge the ground water source.
25. A grit settling tank/sedimentation tank of sufficient capacity shall be constructed within the premises of the crusher unit to collect the spent wash/excess water used in air pollution control measures. The water thus collected should be treated & recycled back for the same practices. Fine particle (silt) thus arrested in the tank should be desilted at regular intervals.
26. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
27. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever 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 crusher plant and silts arrested. De- silting at regular intervals shall be carried out.

28. Garland drain of appropriate size, gradient and length shall be constructed 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.
29. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.
30. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
31. Project Proponent shall explore the possibility of using solar energy where ever possible.
32. 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.
33. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time

**17. Stone Crusher at Khasra No.-57/1 & 51/2, Village-Said Mohammadpur, Paragana-Faizabad, Tehsil-Behat, Saharanpur., M/s Neelkanth Stone File No. 5839**

The committee noted that the matter was earlier discussed in 495<sup>th</sup> SEAC meeting dated 30/09/2020 and decided the project proponent to submit following information:

1. In view of NGT's order Source of raw material for the crusher plant should be provided.
2. The source of water for stone crusher plant should be provided; also the water demand of the project should be recalculated.
3. Emission of dust should be controlled through application of Anti-Smog Gun.

The project proponent submitted their replies vide letter dated 03/10/2020. Hence, the matter was listed in 507<sup>th</sup> SEAC meeting dated 02/12/2020 and again on 520<sup>th</sup> SEAC meeting dated 11/01/2021. The proponent along with their consultant M/s ENV DAS India Private Limited through the documents submitted and the presentation made, informed the committee that:-

1. Stone Crusher of M/s Sanjay Construction located at Khand No. 51/1 & 51/2 Khasra No. 54 & 254 Village- BarthaKorsi, Pargana- Faizabad, Tehsil- Behat, District- Saharanpur, Uttar Pradesh, Area-1.571 ha.
2. Salient features of the project as submitted by the project proponent:

Sl.No.	Item	Details
1.	File No.	5838
2.	Name of the project	Stone Crusher of M/s Sanjay Construction located at Khand No. 51/1 & 51/2 Khasra No. 54 & 254 Village- BarthaKorsi, Pargana- Faizabad, Tehsil- Behat, District- Saharanpur, Uttar Pradesh, Area-1.571 ha.
3.	Name of the applicant and registered address	Shri Sanjay Singh Sajwan S/o ShriChatar Singh Sajwan R/o Ward No. 05, jogiyanaAthoonwala, Athhoorwala,



		Dehradun, Uttarakhand- 248202.
4.	Sl. No. in the schedule	Not covered in the schedule of EIA Notification 2006 (as amended)
5.	Category of Project i.e. 'A' or 'B'	Not applicable as it is not in the schedule of EIA Notification 2006 (as amended)
6.	Proposed capacity	Production capacity: Boulder- 800 TPD
7.	Area of the Crusher Plant	Area- 1.571 ha.
8.	Geographical location of the crusher unit	Latitude - 30°13'53.36"N Longitude - 77°31'39.84"E
9.	Nearest Railway station/airport	1: Kalanour Railway Station-24.84km*(SW) 2: Sarsawa Airport- 28.75km*(SW) 3: Yamuna River- 1.2 km*(W)
10.	Highways	1.SH57(Delhi–Saharanpur–YamunotriMarg)- 4.91 km*(E) 2.NH73A(Chharauli-Ponta Sahib)- 6.68 km* (NW)
11.	Interstate boundary	Uttar Pradesh-Haryana: 1.20 km (W)
12.	Water body	Yamuna River flowing at 1.2km* (W)

### **RESOLUTION AGAINST AGENDA NO-17**

**The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:**

#### **A. General Conditions:**

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / 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.
4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM10) and NOx 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.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.

7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. 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.
9. 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.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. 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 copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. 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, Chandigarh by e-mail.
13. The project authorities should 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 web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. 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 record of the workers shall be maintained.
16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of work shop effluents.
17. Personnel working in areas shall be provided with protective respiratory devices like nose mask and they shall also be imparted adequate training and information on safety and health aspects.
18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.
19. The transportation of the materials shall be limited to day time only.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

21. 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.
22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of The Environment (Protection) Act, 1986.

**B. Specific Conditions:**

34. **The stone crusher will be operational only after getting the storage license/source of material from the concerned department and ensuring availability of required water through rain water harvesting as proposed, since the ground water harnessing is not permitted by competent authority.**
  1. In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.
  2. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti smog guns shall be installed to reduce dust pollution during operation.
  3. As per the Hon'ble NGT order, the source of raw material (storage licence) should be provided before initiation of the project.
  4. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
  5. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
  6. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
  7. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
  8. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
  9. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
  10. 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. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
  11. 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. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.

12. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
13. 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.
14. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
15. No drilling and blasting operation shall be carried out.
16. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
17. 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.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
19. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
20. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall submitted to this Authority within one year.
21. 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 shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
22. Thick plantation (3 rows in 10 m wide belt) of native trees having dense foliage and broader leaves and shrubs shall be carried out at the periphery of the crusher premises and shall be maintained. Any mortality of trees should be replaced.
23. Rain water harvesting shall be undertaken to recharge the ground water source.
24. A grit settling tank/sedimentation tank of sufficient capacity shall be constructed within the premises of the crusher unit to collect the spent wash/excess water used in air pollution control measures. The water thus collected should be treated & recycled back for the same practices. Fine particle (silt) thus arrested in the tank should be desilted at regular intervals.
25. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
26. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever 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 crusher plant and silts arrested. De- silting at regular intervals shall be carried out.
27. Garland drain of appropriate size, gradient and length shall be constructed 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.

28. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.
29. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
30. Project Proponent shall explore the possibility of using solar energy where ever possible.
31. 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.
32. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time.

**18. Sand/Morrum Mining from Betwa Riverbed at Gata No.-1064, Khand No.-01, Village-Kahta Hamirpur, Tehsil- Kalpi, Jalaun, U.P., Area: 9.710 ha File No. 5918/Proposal No. SIA/UP/MIN/ 57166/2020**

The committee noted that the matter was earlier discussed in 426<sup>th</sup> SEIAA meeting dated 16/12/2020 and directed as follows:

“SEIAA noted that SEAC has recommended to issue ToR to the above project with the condition that: - “If the base line data is not within the permissible level, specific mitigation measures for the area in question should be submitted at the time of EIA.” SEIAA opined that the reason for imposing this condition in additional ToR is not clear. Hence SEIAA opined to refer back the project to SEAC to mention the reason for putting such additional condition.”

**RESOLUTION AGAINST AGENDA NO-18**

As per the direction of SEIAA, the matter was listed in 520<sup>th</sup> SEAC meeting dated 11/01/2021. The committee imposed the condition to give more stress on mitigation measures.

**19. Building Stone (Sand Stone ) Mine" Project at Arazi No.-170, at Village- Sonpur, Ahraura, Tehsil- Chunar, District- Mirzapur, U.P.. Shri Gul Vadan., area-1.21 ha. File No. 5942/Proposal No. SIA/UP/MIN/ 57452/2020**

The committee noted that the matter was earlier discussed in 426<sup>th</sup> SEIAA meeting dated 16/12/2020 and directed as follows:

“SEIAA noted that SEAC has recommended to issue ToR to the above project. SEIAA gone through file and documents and found that no mention has been made regarding distance of CPA from the project in the minutes. Hence SEIAA opined to refer back the project to SEAC for review/comments.”

**RESOLUTION AGAINST AGENDA NO-19**

As per the direction of SEIAA, the matter was listed in 520<sup>th</sup> SEAC meeting dated 11/01/2021. The committee went through the file and documents and opined that the project is located more than 40 km from the critically polluted areas in District-Mirzapur. Hence, the committee recommended to issue terms of reference (TOR) for the project as earlier prescribed in 505<sup>th</sup> SEAC meeting dated 25/11/2020.

**20. Building Stone (Khanda, Gitti & Boulder) Mining at Gata No.-173, Khand No.- 01, at Village- Dhawar, Tehsil-Moth, Jhansi., M/s Raj Construction Company, area-2.832 ha File No. 5964/Proposal No. SIA/UP/MIN/ 179815/2020**

The committee noted that the matter was earlier discussed in 429<sup>th</sup> SEIAA meeting dated 23/12/2020 and directed as follows:

“SEIAA noted that SEAC has recommended grant of environmental clearance to the above project. SEIAA gone through file and documents and found that no mention has been made in SEAC minutes regarding the geo-coordinates of the area. Hence SEIAA opined to refer back the project to SEAC for review.”

**RESOLUTION AGAINST AGENDA NO-20**

As per the direction of SEIAA, the matter was listed in 520<sup>th</sup> SEAC meeting dated 11/01/2021. The project proponent submitted the geo-coordinates of the project as per direction of SEIAA meeting dated 23/12/2020. The committee went through the file and documents and found the reply in order. Hence, the committee recommended to grant the environmental clearance along with general and specific conditions earlier stipulated in 506<sup>th</sup> SEAC meeting dated 01/12/2020 with following geo-coordinates:

Pillar No.	Latitude	Longitude
A	25°43'30.64"N	78°46'21.54"E
B	25°43'31.94"N	78°46'27.50"E
C	25°43'27.64"N	78°46'29.06"E
D	25°43'25.68"N	78°46'22.44"E
E	25°43'26.20"N	78°46'22.67"E

**21. मा0 NGT द्वारा ओ0ए0 सं0.208/2019 में पारित आदेश के क्रम में सैण्ड/मोरम माइनिंग प्रकरण के सम्बन्ध में श्री आनन्द कुमार गुप्ता पुत्र श्री लक्ष्मीनारायण गुप्ता, महाराजपुर, कानपुर नगर के पत्र, दिनांक 27.12.2020 पर समिति द्वारा विचार-विमर्श। File No. 4237**

**RESOLUTION AGAINST AGENDA NO-21**

The committee noted that O.A. No. 208/2019 (Sandeep Kumar Singh Vs. MoEF&CC) is under consideration in Hon'ble NGT. Hence, the request of Shri Anand Kumar Gupta S/o Shri Laminarayan Gupta dated 27/12/2020 will be disposed accordingly.

**(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**

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

**Annexure-1**

**General and Specific Conditions for Brick/Soil Earth Mining Projects:-**

**General condition:**

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

**Specific Conditions:**

1. Environment management should be in accordance with the present environment status of the project.
2. The Environmental clearance will be co-terminus with the agreement/lease.
3. Approach kachcha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be levelled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.



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

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

**General Conditions:**

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

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

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. 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.
23. 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.
24. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
25. 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.
26. 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.
27. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

35. 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.
36. 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.
37. 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.
38. 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.
39. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
40. 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).
41. 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.
42. 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.
43. 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.
44. 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).
45. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
46. 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.
47. 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 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
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 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, 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. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
20. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
21. 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.
22. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
23. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
24. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
25. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. Waste water from potable use be collected and reused for sprinkling.
34. During the school opening and closing time vehicle movement will be restricted.
35. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

**Annexure-4**

**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. 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 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, the E.C issued will stand revoked.
- 4.
5. 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.
6. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
7. Explosive cannot be stored on the site.
8. 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.



9. 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.
10. 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.
11. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
12. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
13. 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.
14. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoEF&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.
15. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
16. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
17. 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.
18. Rain water harvesting shall be undertaken to recharge the ground water source.
19. 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.
20. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
21. 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.
22. 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.
23. 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.
24. 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.

25. 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.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
35. 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.
36. 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.

37. 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.
38. 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.
39. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
40. 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.
41. Project Proponent shall explore the possibility of using solar energy where ever possible.
42. Commitment towards CER has to be followed strictly.
43. 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.
44. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
45. The blasting will be done only after getting the permission from the Mining Department.