

Minutes of 534th SEAC Meeting Dated 22/03/2021

The 534th meeting of SEAC was held in Directorate of Environment, U.P. on 22/03/2021. Following members were present in the SEAC 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 Meraj Uddin,	Member
8.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 534th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. **Stone (Sand Stone) Mine at Gata No./Araji No-997 mi, at Village- Sindhora, Tehsil- Sadar, Mirzapur., Shri Vivek Kumar Singh., M/s Unnati Construction., Area-0.809 ha. File No. 4989/Proposal No. SIA/UP/MIN/40892/2019**

RESOLUTION AGAINST AGENDA NO-01

The project proponent did not circulate the documents to the members of SEAC on time. Hence, the committee directed to defer the matter for next meeting i.e. on 06/04/2021.

2. **Sand/Morrum Mining from Yamuna Riverbed at Kot Composite Gata No.-327 to 340, Khand No.-04, Village-Kot,The.-Khaga, Fatehpur.,Shri UdaiPratap Singh.,Area:20.0 ha. File No. 5977/Proposal No. SIA/UP/MIN/58203/2020**

RESOLUTION AGAINST AGENDA NO-02

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

3. **Sand/Morrum Mining from Yamuna Riverbed at Kot Composite Gata No.-64 to 69, 83 to 91, 108 to 112, 115 to 121, 141 to 149, 161, 162, 167, 168, 183 to 186, 202 to 210, 234 to 245, 301 to 313, 383 to 390, 402, 409 to 412, 417 to 423, 463, 464, 587/471, 471to 475, 499, 500, 505 to 510, 537 to 544, 561 to 565, 577 to 579, 585 & 586, Village-Urauli, Fatehpur., Shri Birendra Singh., Area: 50.0 ha. File No. 5978/Proposal No. SIA/UP/MIN/58210/2020**

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and observed that the reply of query raised in 506th SEAC meeting dated 01/12/2020 submitted by the project proponent is not satisfactory. Hence, the committee directed the project proponent to submit complete information regarding the project.

The matter will be discussed only after submission of complete information by the project proponent.

4. Sand Stone at Araj No.-639, at Village- Rampur Sakteshgarh, Tehsil-Chunar, District-Mirzapur., Shri Ajay Kumar Singh., Area -3.64 ha. File No. 4807/Proposal No. SIA/UP/MIN/36042/2019

The committee noted that the matter was earlier discussed in 502nd dated 15/10/2020 and directed as follows:

“The committee observed that a complaint letters dated 28.09.2020 and 01.10.2020 has been received from of Shri Thakur Prince Singh Village Sagbana, Chandleba Kala, Post Padari, District Mirzapur.

The committee discussed the complaint letter dated 28.09.2020, 01.10.2020 and decided that letter should be sent to the District Magistrate, Mirzapur and District Mining Officer, Mirzapur for providing the factual report on the matter within 15 days.

The committee also directed that a copy of the letter should be sent to Director, Geology and Mining Department, Lucknow, Uttar Pradesh and the project proponent for information.”

The Secretariat sent a letter dated 28/10/2020 to District Magistrate, Mirzapur for providing the factual report of the site. District Magistrate, Mirzapur provided the factual report to the Directorate vide letter dated 21/12/2020.

RESOLUTION AGAINST AGENDA NO-04

The committee observed that as per factual report received from District Magistrate, Mirzapur vide letter no. 1384/khaniz/factual report/2020, dated 21/12/2020, the geo-coordinates mentioned in TOR letter mismatched with the factual report provided by DM, Mirzapur. In view of factual report, the committee directed the project proponent to submit revised online proposal for amendment in TOR.

5. Sand (Balu) Mining at Gata No.-558Ka, 568Ka/18, 568Ka/20 & 567Ka, at Village-DeoriaUrfTengariyaBabu, Tehsil- Sadar, District- Basti, U.P., M/s Shiksha Shakti Construction Lease area-2.065 ha. File No. 6086/Proposal No. SIA/UP/MIN/198399/2021

The committee noted that the environmental clearance for the “Sand (Balu) Mining at Gata No.- 558Ka, 568Ka/18, 568Ka/20 & 567Ka, at Village-Deoria Urf Tengariya Babu, Tehsil- Sadar, District-Basti, U.P., M/s Shiksha Shakti Construction Leased area-2.065 ha.” was issued by SEIAA, U.P. vide letter no. 679/Parya/SEAC/6086/2020 dated 15/01/2021.

The project proponent vide letter dated 16/03/2021 informed that due to typographical error the method of mining in environmental clearance letter dated 15/01/2021 mentioned as opencast manual mine instead of opencast semi-mechanized. The project proponent also informed that the method of mining in approved mining, form-1 and other documents is mentioned as opencast semi-mechanized. Hence, the project proponent applied amendment application through online portal on 15/02/2021.

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

1. Details of earlier EC and proposed amendment in E.C letter dated 15/01/2021:

S.N. & Details	Details mentioned in EC	Proposed amendment in EC
23.Method of Mining	Opencast, Manual Mine	Opencast Semi-mechanized as proposed in approved mining plan chapter 4 page no. 7

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and recommended to amend the environmental clearance letter no. 679/Parya/SEAC/6086/2020 dated 15/01/2021 as per above project details (Opencast Semi-mechanized as proposed in approved mining plan chapter 4 page no. 7). The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 679/Parya/SEAC/6086/2020 dated 15/01/2021 dated 23/01/2019 shall remain same.

6. River Bed Sand Mining at Khand No.-02, (Gata No.-498Jha), Village- Udhaiya, Tehsil-Ramnagar, Barabanki, U.P., Sanctioned Lease Area: 12 ha. File No. 4241/Proposal No. SIA/UP/MIN/196984/2021

The committee noted that the environmental clearance for the “River Bed Sand Mining at Khand No.-02, (Gata No.-498Jha), Village- Udhaiya, Tehsil-Ramnagar, Barabanki, U.P., Sanctioned Lease Area: 12 ha” was issued by SEIAA, U.P. vide letter no. 663/Parya/SEAC/4241/20218 dated 31/01/2018. The previous lease issued to Smt. Lakshmi Devi was cancelled vide order no. 1795/A.J.A.-2 dated 28.12.2019 of DM, Barabanki and another LOI was issued to Shri Rajkararn Singh M/S Singh Construction, S/o Shri Virendra Singh 46-Navi Kot Nanda, BaKhshi ka Talab Lucknow vide letter no. 2342/ A.J.A.-2 dated 30.06.2020. The SEIAA transfered the Environmental Clearance letter dated 31.01.2018 to Shri Rajkararn Singh M/s Singh Construction, S/o Shri Virendra Singh 46-Navi Kot Nanda, Bakhshika Talab Lucknow vide letter no. 400/Parya/SEIAA/4241/2020 dated 15/10/2020.

The project proponent applied amendment application through online portal on 24/02/2021 to change the geo-coordinates mentioned in Environmental Clearance letter no 663/Parya/SEAC/4241/2018 date 31.01.2018. Hence, the matter was listed in 534th SEAC meeting dated 22/03/2021.

RESOLUTION AGAINST AGENDA NO-06

The committee went through the file and documents and opined that the geo-coordinates mentioned in Environmental Clearance letter dated 31/01/2018 and the geo-coordinates mentioned in E-tendering letter dated 15/06/2020 are different. The SEIAA transfered the Environmental Clearance letter dated 31/01/2018 to Shri Rajkararn Singh on 15/10/2021 mentioning that all the content of Environmental Clearance letter no. 663/Parya/SEAC/4241/2018 date 31.01.2018 shall remain the same.

In view of the above facts, the committee decided that the transfer of environmental clearance letter no. 400/Parya/SEIAA/4241/2020 dated 15/10/2020 should be revoked as the geo coordinates are different from original Environmental Clearance letter dated 31/01/2018. The committee advised the project proponent to apply a fresh online application for Environmental Clearance as per LoI.

7. Stone Khanda, Boulder, Bailast & Gitti Mining at Gata No.-478/2, Khand No.-01 New, at Vill.- Bilbai, Mahoba., Shri Ram Manohar Shivhare, Area-2.024 ha. File No. 6176/Proposal No. SIA/UP/MIN/59722/2021

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 478/2 (Khand No.-01 New), Village- Bilbai, Tehsil- Mahoba, District- Mahoba, U.P. (Leased Area- 2.024 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/59722/2021		
2.	File No. allotted by SEIAA, UP	6176		
3.	Name of Proponent	Shri Ram Manohar Shivhare S/o Shri Kashi Prasad		
4.	Full correspondence address of proponent	R/o- Indira Nagar, Kabrai, Tehsil & District Mahoba, U.P.		
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 478/2 (Khand No.-01 New)		
7.	Name of Village	Bilbai		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	2.024 ha.		
12.	Max.& Min mRL within lease area	195 mRL- 178 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 20' 57.231"	79° 54' 46.469"
		B	25° 20' 58.718"	79° 54' 48.092"
		B1	25° 20' 58.160"	79° 54' 50.420"
		B2	25° 20' 58.810"	79° 54' 50.860"
		C	25° 20' 56.850"	79° 54' 51.584"
		D	25° 20' 54.617"	79° 54' 51.368"
		E	25° 20' 54.679"	79° 54' 52.261"
		F	25° 20' 52.930"	79° 54' 52.340"
		G	25° 20' 53.498"	79° 54' 47.156"
H	25° 20' 54.542"	79° 54' 47.354"		
14.	Total Geological Reserves	1447132 m ³		
15.	Total Mineable Reserves	701519 m ³		
16.	Total Proposed Production (in five year)	125000 m ³		
17.	Proposed Production / year	Year	Production	
		1 st	125000 m ³	
		2 nd	125000 m ³	
		3 rd	125000 m ³	
		4 th	125000 m ³	
		5 th	125000 m ³	
		Total	625000 m ³	
18.	Sanctioned Period of Mine lease	10 Years		
19.	Production of mine/day	416.67 m ³ (approx.)		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No.of working days	300 days		
22.	Working hours/day	8 Hours/Day		
23.	No.Of workers	43 (approx.)		

24.	No.Of vehicle movement /day	42 (approx.)	
25.	Type of Land	Govt. revenue land	
26.	Ultimate Depth of Mining	15 meter (average)	
27.	Nearest metalled road from site	0.30 km	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.45
		Suppression of dust	1.80
		Plantation	0.20
		Others(if any)	-----
		Total	2.45
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120, Validity-01/05/2021	
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	DMO, Mahoba vide Letter No. 7340/MMC-30/2020-21, Dated 09/12/2020	
32.	Details of Lease Area in approved DSR	DSR Correction Letter No.- 8426/MMC-30-Khanij (2020-21) Dated 08/03/2021, DSR Page No. 79, Sr No. 22	
33.	Proposed CER cost	1.55 Lakh	
34.	Proposed EMP cost	11.45 Lakh	
35.	Length and breadth of Haul Road.	Length- 0.30 km, Width- more than 6.0 m	
36.	No. of Trees to be Planted	200	

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-07

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR:

1. Proved reserve as per UNFC guidelines should be provided at the time of EIA.
 2. If the proved reserve is less than saleable quantity the life of mine should be changed in mine plan and approved accordingly.
8. **Stone (Khanda, Gitti, Boulder & Red Morrum) Mining at Gata No.-384, Village-Tooka, Rath, Hamirpur., Shri Jagdish Singh, Area-0.701 Ha. File No. 6177/Proposal No. SIA/UP/MIN/60641/2021**

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

1. The environmental clearance is sought for Stone (Khanda, Gitti, Boulder & Red Morrum) Mining at Gata No.-384, Village-Tooka, Rath, Hamirpur, U.P. (Leased Area-0.701 Ha.).

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

2. On-line proposal No.	SIA/UP/MIN/60641/2021			
3. File no. allotted by SEIAA, UP	6177			
4. Name of Proponent	Mr. Jagdish Singh S/o Shri Jasiram			
5. Full correspondence address of proponent and mobile no.	R/o- Muhal Jugiyana, Thana - Rath Tehsil- Rath, District- Hamirpur, U.P.			
6. Name of Project	Khanda, Gitti, Boulder & Red Morrum (Building Stone)			
7. Project location (Plot/Khasra/Gata No.)	Gata No. 384, Area: 0.701 Ha, Village: Tooka, Tehsil: Rath, District: Hamirpur, State: Uttar Pradesh			
8. Name of Minor Mineral	"Khanda, Gitti, Boulder & Red Morrum."			
9. Schedule (as per EIA notification 2006)	1(a)i			
10. Category of Project	B1			
11. Sanctioned Lease Area (in Ha.)	Total Lease Area: 0.701 Ha			
12. Project Status	New Mine, District Magistrate has given LOI letter No. 1777/ खनिज एम. एम. सी.- तीस-विविध (2020-2021), Dated 05/12/2020, Mining Lease area granted for 5 years.			
13. Max. & Min mRL within lease area	The Highest Point at 162mRL, North The Lowest Point at 156mRL, South			
Pillar Coordinates (Verified by DMO)	GPS Co-Ordinates			
	Pillar	Latitudes (N)	Longitudes (E)	
	A	25°36'4.29"N	79°30'9.01"E	
	B	25°36'3.16"N	79°30'11.86"E	
	C	25°36'0.74"N	79°30'12.23"E	
	D	25°35'59.99"N	79°30'11.31"E	
	E	25°36'2.38"N	79°30'9.17"E	
	F	25°36'3.27"N	79°30'8.81"E	
14. Total Geological Reserves	3,84,465 m ³			
15. Total Mineable Reserves (in approved mining plan)	53,490 m ³			
Total Proposed Production	35050 m ³			
16. Proposed Production/year	7,010 m ³ per annum			
17. Sanctioned Period of Mine lease	Five years			
18. Production of mine/day	26.96 m ³ /day			
19. Method of Mining	Open Cast - Semi Mechanized			
20. No. of Working days	260 Days			
21. Working hours/day	8 hours/day			
22. No. of Workers	27 Manpower			
23. No. of vehicles movement/day	1.0 Tipper (Assumed Capacity: 40 m ³)			
24. Type of Land	State Government Land			
25. Ultimate Depth of Mining	12 meter			
26. Nearest metalled road from site	Metalled Road 180 m from the lease area			
27. Water Requirement	Source	Purpose	Detail	Avg. Demand /Day (in KLD)
	Portable Tanker	Drinking @ 15 lpcd/worker	27 workers x 15 lpcd = 630 lit/day	0.405 KLD
	Surface Water	Land reclamation/plantation @ 5 Lit/Tree	100 Trees x 5 lpcd = 500 Lit/day	0.5 KLD
		Mine	-	1.0 KLD

	operation/others		
	Dust suppression @1 Lit/Sq.m (Twice in a day)	Haul Road Area = (180 m Length x 7m Width = $1260m^2$ x 1 lit/sq.m = 1260 lit x 2 (twice in a day) = 2520 lit/day	2.52 KLD
	Total		4.50 KLD
28. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021		
29. Any litigation pending against the project or hand in any court	No		
30. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Hamirpur. 1950/खनिज एम. सी.- तीस- विविध/(2020 - 21), Dated: 24/12/2020		
31. Mining Lease Area in Approved DSR	Yes, given in the DSR Table No. 10, Sr. No-07, Page No. 25		
32. Total Cost of Project	Rs. 64.79 Lakhs		
33. Proposed CER Cost	Rs. 3.24 Lakhs (5% of the total Project Cost)		
34. Proposed EMP Cost	Rs. 11.95 Lakhs		
35. Length and breadth of Haul Road	Haulage Road Length 180 m & Haulage Road Width 7 m		
36. No. of Trees to be Planted	100 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. 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-08

The committee discussed the matter and recommended to issue the additional terms of reference (ATOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR:

3. Proved reserve as per UNFC guidelines should be provided at the time of EIA.
4. If the proved reserve is less than saleable quantity the life of mine should be changed in mine plan and approved accordingly.
5. Certified original lease map with geo-coordinates should be provided at the time of EIA.
6. Project proponent should produce the intimation letter from RO, UPPCB, Hamirpur and DM, Hamirpur for the collection of baseline monitoring data at the time of EIA presentation.

9. Stone Mining at Gata No.-478/2, Khand No.-02 New, at Village-Bilbai, Mahoba., Shri Dinesh Chandra Gupta., Area -2.024 ha. File No. 6178/Proposal No. SIA/UP/MIN/59764/2021

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

1. The environmental clearance is sought for Stone Mining at Gata No.-478/2, Khand No.-02 New, at Village-Bilbai, Mahoba., Shri Dinesh Chandra Gupta., Area -2.024 ha.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/59764/2021		
2.	File No. allotted by SEIAA, UP	6178		
3.	Name of Proponent	Shri Dinesh Chandra Gupta S/o Shri Bhagirath Gupta		
4.	Full correspondence address of proponent	R/o- Rajendra Nagar, Kabrai, Tehsil & District Mahoba, U.P.		
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 478/2 (Khand No.-02 New)		
7.	Name of Village	Bilbai		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	2.024 ha.		
12.	Max.& Min mRL within lease area	195 mRL- 178 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 20' 53.498"	79° 54' 47.156"
		B	25° 20' 52.930"	79° 54' 52.340"
		B1	25° 20' 50.910"	79° 54' 52.310"
		C	25° 20' 48.249"	79° 54' 53.279"
		D	25° 20' 48.703"	79° 54' 46.817"
		E	25° 20' 50.794"	79° 54' 47.599"
		E1	25° 20' 52.810"	79° 54' 47.150"
14.	Total Geological Reserves	1700523 m ³		
15.	Total Mineable Reserves	812872 m ³		
16.	Total Proposed Production (in five year)	125000 m ³		
17.	Proposed Production / year	Year		Production
		1 st		125000 m ³
		2 nd		125000 m ³
		3 rd		125000 m ³
		4 th		125000 m ³
		5 th		125000 m ³
		Total		625000 m ³
		18.	Sanctioned Period of Mine lease	10 Years
19.	Production of mine/day	416.67 m ³ (approx.)		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No.of working days	300 days		
22.	Working hours/day	8 Hours/Day		
23.	No.Of workers	43 (approx.)		
24.	No.Of vehicle movement /day	42 (approx.)		
25.	Type of Land	Govt. revenue land		
26.	Ultimate Depth of Mining	15 meter (average)		
27.	Nearest metalled road from site	0.30 km		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	

		Drinking & Others	0.45	
		Suppression of dust	1.80	
		Plantation	0.20	
		Others(if any)	-----	
		Total	2.45	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120, Validity-01/05/2021		
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	DMO, Mahoba vide Letter No. 7338/MMC-30/2020-21, Dated 09/12/2020		
32.	Details of Lease Area in approved DSR	DSR Correction Letter No.- 8427/MMC-30-Khanij (2020-21) Dated 08/03/2021, DSR Page No. 79, Sr No. 21		
33.	Proposed CER cost	1.55 Lakh		
34.	Proposed EMP cost	11.45 Lakh		
35.	Length and breadth of Haul Road.	Length- 0.30 km, Width- more than 6.0 m		
36.	No. of Trees to be Planted	200		

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-09

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

10. Stone (Khanda, Boulder, Bailast&Gitti)Mining at Gata No.-712, Khand No.-08, Village-Chikahra, Mahoba., Shri Anil Kumar Agarwal, Area-1.214 ha. File No. 6179/Proposal No. SIA/UP/MIN/59950/2021

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 Stone (Khanda, Boulder, Bailast & Gitti) Mining at Gata No.-712, Khand No.-08, Village-Chikahra, Mahoba, U.P. (Leased Area-1.214 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/59950/2021
2. File No. allotted by SEIAA, U.P	6179
3. Name of Proponent	M/s ANIL KUMAR AGARWAL MINES CONTRACTOR Proponent- Shri Anil Kumar Agarwal S/o Shri Yatish Chandra Agarwal
4. Full correspondence address of proponent and mobile no.	R/o- Chhoti Nagar, Banda District-Banda(U.P.)

5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 712 (Khand No. - 08),		
7. Name of River	NA		
8. Name of Village	Chhikahra		
9. Tehsil	Mahoba		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.214 Ha.		
13. Mineable Area (in Ha.)	0.8495 Ha. (Safety Margin 0.3645 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum & Minimum mRL 205.95 & 185.10 mRL respectively		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°21'57.297"	79°52'53.849"
	B	25°21'56.808"	79°52'58.655"
	C	25°21'54.968"	79°52'58.479"
	D	25°21'55.004"	79°52'55.866"
	E	25°21'52.873"	79°52'55.204"
	F	25°21'53.222"	79°52'52.853"
17. Total Geological Reserves	4,89,484 m ³		
18. Sanction Quantity as per LOI	75,000 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	3,75,000 m ³ in five year		
20. Proposed Production/year	75,000 m ³		
21. Sanctioned Period of Mine lease	10 Year		
22. Production of mine/day	250 m ³ /day		
23. Method of Mining	Open cast, semi-mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	40		
27. No. Of vehicles movement/day	20-25 Vehicles movement/day		
28. Type of Land	Building Stone(Khanda, Boulder, Bailast & Gitti) Mining		
29. Ultimate Depth of Mining	6.0 m		
30. Nearest metallad road from site	NH-76 is about 5.94 kms towards South-East direction.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.50 KLD	
	Suppression of dust	5.52 KLD	
	Plantation	0.007 KLD	
	Others (if any)	-	
	Total	6.0 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/21/1638 and valid up to 31 May, 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. 7337/ एम०एम०सी०-30 /2020-21 Date-09/12/2020		
35. Details of Lease Area in approved DSR			
36. Proposed EMP cost			

37. Proposed Total Project cost	Rs. 80,00,000/-
38. Length and breadth of Haul Road	230 m length and 6.0 m width
39. No. of Trees to be Planted	7

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 to issue the additional terms of reference (ATOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR:

1. Approved DSR from competent authority at the time of EIA.
2. Plantation details (list of the plants and site).
3. Proved reserve as per UNFC guidelines should be provided at the time of EIA.
4. If the proved reserve is less than saleable quantity the life of mine should be changed in mine plan and approved accordingly.
5. Baseline monitoring data from March 4, 2021 to June 3, 2021 should be provided at the time of EIA.

11. Building Stone (Gitti, khanda& Boulder,) Mining at Gata No.-1, 2, 29, Khand No.-06, Village-Daun,Dunara, Jhansi., Smt. SunitaJaisawal Area-4.046 ha. File No. 6192/Proposal No. SIA/UP/MIN/60754/2021

RESOLUTION AGAINST AGENDA NO-11

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

12. Stone Gitti, khanda& Boulder Mine at Araj No. Plot No.-27,25, Khand No.-05, Village-Dunara, Tehsil-Sadar, Jhansi., Shri Sanjay Parecha.,Area-2.428 ha. 6193/Proposal No. SIA/UP/MIN/60767/2021

RESOLUTION AGAINST AGENDA NO-12

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

13. उत्तर प्रदेश में पर्याप्त इन्सीनेटर होने के बावजूद भी जगह-जगह नये संयंत्र केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा जारी गाईड लाइन 2016 का उल्लंघन करके स्थापित किये जा रहे हैं, जिससे फैल रही भयानक गम्भीर बीमारियों के सम्बन्ध में श्री अरुण कुमार अवस्थी के पत्र दिनांक 09.01.2021 पर विचार-विमर्श।

The committee noted that the matter was earlier discussed in 448th SEAC meeting dated 16/02/2021 and decided as follows:

“SEIAA gone through the letter of Shri Arunkumar Awasthi dated 09.01.2021 addressed to Member Secretary CPCB with its copy to Chairman SEIAA regarding the above subject. SEIAA opined to refer the letter to SEAC for review/comments.”

RESOLUTION AGAINST AGENDA NO-13

As per the direction of SEIAA, the matter was listed in 534th SEAC meeting dated 22/03/2021. The committee discussed the letter dated 09/01/2021 of Shri Arun Kumar Awasthi and opined that the letter should be sent to Member Secretary, UP Pollution Control Board for necessary action.

14. Request for transfer/Name change pursuant to Demerger of “Life Sciences Ingredients” business from Jubilant Life Sciences Limited (CIN # L24116UP1978PLC004624) to Jubilant ingrevia Limited (CIN # U24299UP2019PLC122657).

The committee noted that the matter was earlier discussed in 448th SEIAA meeting dated 16/02/2021 and directed as follows:

“SEIAA gone through the letter of Shri Radhe Shyam Singh dated 08.01.2021 regarding the above subject. SEIAA opined to refer the letter to SEAC for review/comments.”

RESOLUTION AGAINST AGENDA NO-14

As per the direction of SEIAA, the matter was listed in 534th SEAC meeting dated 22/03/2021. The committee discussed the matter and directed the project proponent to apply online application through parivesh portal for required amendment.

15. Building Stone (Khanda, Boulder, Bailast & Gitti) Mining at Gata No.-2660, at Village-Pahra, Mahoba. Shri Somesh Bhardwaj., Area-2.935 ha. File No. 5913/Proposal No. SIA/UP/MIN/177093/2020

The committee noted that the matter was earlier discussed in 449th SEIAA meeting dated 18/02/2021 and directed as follows:

“SEIAA noted that the above project was taken in its meeting dated 15.12.2020 and found that in LOI issued and mining plan production capacity is same for five years whereas in application made capacity is different for third to fifth year. The SEIAA also found that application is made for 2.935 ha whereas in the DSR available with the Secretariat the area is mentioned as 7.25 ha. The project

proponent has submitted his reply vide letter dated 15.01.2021 along with new mining plan. Hence SEIAA opined that project shall be referred to SEAC for review/comments."

RESOLUTION AGAINST AGENDA NO-15

As per the direction of SEIAA, the matter was listed in 534th SEAC meeting dated 22/03/2021. The committee went through the file and documents and observed that the project proponent submit revised mining plan, amended DSR letter etc. The committee found the reply in order and recommended to grant the environmental clearance along with general and specific conditions earlier stipulated by SEAC in its 504th SEAC meeting dated 24/11/2020.

16. Commercial Complex "Downtown at Plot No.- 01/B, Block- C, Sector-98, Noida, District-Gautam Buddh Nagar, U.P. File No. 640/Proposal No. SIA/UP/MIS/ 189248/2020

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 2075/640/ PARYA/SEAC/2011/TA(M) dated 12/10/2013 for plot area 11,068.45 m² and built up area 80,688.41 m². The validity of Environment clearance letter dated 12/10/2013 expired on 11/10/2020. The project proponent applied for extension of validity on 21/12/2020 as per MoEF&CC notification dated 29th April 2015.

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and recommended to extend the validity of Environmental Clearance letter dated 12/10/2013 for the period of 03 years i.e. 11/10/2020 to 10/10/2023. All the contents mentioned in Environmental Clearance letter no. 2075/640/PARYA/SEAC/2011/TA(M) dated 12/10/2013 shall remain same.

17. Up gradation of District Hospital to 500 Beds at Lalitpur, U.P., Shri Navneet Singh Rajput, Provincial Division, Public Works Department PWD, Lalitpur, U.P. File No. 6187/Proposal No. SIA/UP/MIS/197702/2021

The committee noted that the matter was earlier listed in 530th SEAC meeting dated 09/03/2021 and the project proponent did not appear in the meeting. The project proponent vide letter dated 18/03/2021 has requested to list the matter in next SEAC meeting. Hence, the matter was listed in 534th SEAC meeting dated 22/03/2021.

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

1. The environmental clearance is sought for Up-gradation of District Hospital to 500 Beds at Lalitpur, U.P., M/s Chief Medical Officer, Lalitpur.
2. Comparative details existing and expansion project:

Details	Existing	Proposed	Total
Plot area	29177.83 sqm.	12140.57 sqm.	41318.40 sqm.
Ground Coverage	10345.32 sqm.	3887.42 sqm.	14232.74 sqm.
Built-up Area	21989.21 sqm.	27378.41 sqm.	49367.62 sqm.
Area Under Green	9500.00 sqm.	1500.00 sqm.	11000.00 sqm.
Total Expected Population	4170 nos.	3246 nos.	7416 nos.

Electric Load	750 KW	1723 KW	2473 KW
Power Backup	DG – 1 x 750 KVA	DG – 2 x 750 KVA	DG – 3 x 750 KVA
Source of water supply	Uttar Pradesh Jal Nigam	Uttar Pradesh Jal Nigam	Uttar Pradesh Jal Nigam
Total Transit Centers	01 Nos.	-	01 Nos
Proposed rainwater harvesting pits	-	02 Nos.	02 Nos.
STP capacity	-	440 KLD (220 KLD for existing population + 200 KLD for proposed population)	440 KLD
Biomedical Waste Quantity	56 Kg/day	84 Kg/day	140 Kg/day
SW generated	780.5 Kg/day	644.9 Kg/day	1425.40 Kg/day
Total Water Requirement	149 KLD	256 KLD	405 KLD
ETP capacity	-	225 KLD (90 KLD for existing 200 beds+ 135 KLD for proposed 300 beds)	225 KLD
Total Project Cost	-	127.50 Cr.	127.50 Cr.

3. Land use details:

S.N.	Particulars	Area (m ²)	Percentage (%)
1.	Ground Coverage	14232.74	34.44
2.	Soft Green Area	9500.00	22.99
3.	Hard Green Area	1500.00	3.64
4.	Road Area	4723.66	11.44
5.	Parking Area	11362.00	27.49
Total Plot Area		41318.40	100

4. Parking details:

Proposed parking details				
S. No.	Parking area category	Area (m ²)	Standard	Total number of ECS Proposed
1	Surface parking	11362	23 m ² for 1 ECS	494
Total				494

5. Water calculation details:

S.No	Water use	Population	Per Capital in (LPCD)	Water Requirement (KLD)	Waste Water Generation (KLD)
1	Medical Staff	1100	45	49.50	39.60
2	Admin and Service Staff	450	45	20.25	16.20
3	Visitors	2700	15	40.50	32.40
4	OPD patients	2200	15	33.00	26.40
5	Resident Staff	466	86	40.07	32.6
Domestic Water Requirement				183.32	146.66
6	Bedded patients	500	450	225	180
7	Green Area	11000	1 l/m ²	11	-
8	D.G. Set	2250 KVA	0.9 l/KVA/4 hr	8.19	-
Total water Requirement				427.51	326.66

6. Solid waste generation details:

S.no.	Description	Population	Per capita MSW generation as	Total MSW generation	Biodegradable/ Compostable (50%) (Kitchen	Recyclable (18%) (metals,	Non-compostable (32%)
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			per GRIHA (Kg/day)	(Kg/day)	and garden waste)	glass, paper, plastics)	(inert wastes)
1	Medical Staff	1100	0.25	275	137.5	49.5	88
2	Admin and Service Staff	450	0.25	112.5	56.25	20.25	36
3	OPD Patients	2200	0.15	330	165	59.4	105.6
4	Visitors	2700	0.15	405	202.5	72.9	129.6
5	Residents	466	0.65	302.9	151.45	54.52	96.92
Total				1425.4	712.7	256.57	456.13

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

RESOLUTION AGAINST AGENDA NO-17

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

1. Emergency exit should be provided.
2. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
3. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
4. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
5. Parking space for ambulances shall be exclusively earmarked.
6. Police post shall be provided near emergency.
7. Dedicated power supply to be installed in Operation Theaters and other critical areas
8. Accommodation for attendants to be provided near indoor nursing wards.
9. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
10. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
11. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
12. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
13. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
14. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

15. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
16. Bio medical waste management shall be followed as per The Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
17. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
18. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
19. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
20. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
21. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
22. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
23. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
24. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
25. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

18. Sand/Morrum Mining from Yamuna River Bed River at Khand No.- 9/8 to 9/10, Village-Umarwal, Tehsil- Chail, Kaushambi., Smt. Mansi Rastogi W/o Shri Deepak Rastogi, M/s Balaji Coal Company, Area: 18.00 ha. 6204/5324/Proposal No. SIA/UP/MIN/60868/2019

The committee noted that the matter was earlier discussed in 530th SEAC meeting dated 09/03/2021 and decided as follows:

“The committee observed that the project proponent did not show any baseline monitoring data within 500m (core zone) of the lease area. Hence, the committee decided that the project proponent/consultant should present baseline data as per EIA Notification, 2006 (as amended) for appraisal.”

The project proponent submitted their replies vide letter dated 18/03/2021. Hence, the matter was listed in 534th SEAC meeting dated 22/03/2021. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Morrum mining project from Yamuna River for M/s Balaji Coal Company located at Khand No. 9/8 to 9/10, Village - Umarwal, Tehsil - Chail, District - Kaushambi, Uttar Pradesh, (Leased Area - 18 ha.)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 795/Parya/SEIAA/5324/2019, dated 31/03/2020.
3. The public hearing was organized on 11/02/2021. Final EIA report submitted by the project proponent on 22/02/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.				SIA/UP/MIN/60868/2019					
2. File No. allotted by SEIAA, UP				6204/5324					
3. Name of Proponent				Smt. Mansi Rastogi W/o Shri Deepak Rastogi					
4. Full correspondence address of proponent and mobile no.				R/o H. No. 132, HIG, Preetam Nagar, Gayasuddinpur, Uprhar, Allahabad, UP-211012					
				Mobile no. –					
				E mail ID - balajecoalcompany@gmail.com					
5. Name of Project				Environmental Clearance of Proposed riverbed Morrum mining project from Yamuna River for M/s Balaji Coal Company located at Khand No. 9/8 to 9/10, Village - Umarwal, Tehsil - Chail, District - Kaushambi, Uttar Pradesh. Sanctioned Lease Area - 18 ha. Effective working Area -18 ha					
6. Project Location (Plot. Khasra/Gata No.)				River Yamuna in Khand No. 9/8 to 9/10					
7. Name of River				Yamuna River					
8. Name of Village				Umarwal, Tehsil - Chail, District - Kaushambi, Uttar Pradesh					
9. Tehsil				Chail					
10. District				Kaushambi					
11. Name of Minor Mineral				River bed sand/morrum mining					
12. Sanctioned Lease Area (in Ha.)				18.00 ha					
13. Max. & Min mRL within lease area				The highest level of area is 80.0 mRL					
				The lowest level is 78.0 mRL					
14. Pillar Coordinates (Verified by DMO)				Pillar		Latitude		Longitude	
				A		25°18'15.96"N		81°33'39.03"E	
				B		25°18'25.48"N		81°33'52.36"E	
				C		25°18'15.78"N		81°33'0.57"E	
				D		25°18'6.14"N		81°33'47.12"E	
15. Total Geological Reserves				1,59,973 m ³					
16. Total Mineable Reserve				1,20,000 m ³					
17. Total Proposed Production				2,70,000 m ³					
18. Proposed Production /year (as per LoI)				2,70,000 m ³ /year (13,50,000 m ³ 5 years)					
19. Sanctioned Period of Mine lease				5 years					
20. Production of mine/day				982 m ³ /day					
21. Method of Mining				Opencast semi-mechanized					
22. No. of working days				275					
23. Working hours/day				8					
24. No. of worker				67					
25. No. of vehicles movement/day				65					
26. Type of Land				Govt./Non Forest Land					
27. Ultimate of Depth of Mining				3 m (Plan Period)					
28. Nearest metalled road from site				0.60 km					
29. Water Requirement				PURPOSE					
				Drinking - 1.37 KLD					
				Suppression of dust - 4.245 KLD					
				Plantation - 0.10 KLD					
				Others (if any) - 0.00 KLD					

		Total - 5.715 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-1353/Khanan Sahayak Kaushambi dated 20/12/2019
33.	Details of Lease Area in approved DSR	Serial no. 05 Page no. 03
34.	Project Cost	6.11 Crore
35.	Proposed CER cost	12. 20 Lakh
36.	Proposed EMP cost	11.43 Lakh
37.	Length and breadth of Haul Road	Length – 0.30 km Breadth – 6.00 m
38.	No. of Trees to be Planted	400

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-18

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

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Dr. Sarita Sinha)
Member

(Dr. Rajive Kumar)
Member

(Dr. S.N. Singh)
Chairman

Annexure-1

Terms of Reference for the Mining Project

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in

this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀, particularly for free silica, should

- be given.
- 23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
 - 24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
 - 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
 - 26) Description of water conservation measures proposed to be adopted in the Project should be given.
 - 27) Details of rainwater harvesting proposed in the Project, if any, should be provided.
 - 28) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
 - 29) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
 - 30) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
 - 31) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
 - 32) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
 - 33) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
 - 34) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
 - 35) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
 - 36) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
 - 37) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
 - 38) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary

allocations.

- 39) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 40) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 41) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 42) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 43) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 44) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 45) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 46) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
 - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
 - j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

Annexure-2

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

General Conditions:

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

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

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. 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 in 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.