

Minutes of 571st SEAC-2 Meeting Dated 16/09/2021

The 571st meeting of SEAC-2 was held in hybrid (physical and virtual) through video conferencing in view of the Corona Virus Disease (Covid-19) on 16/09/2021. Following members participated in the meeting:

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| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2 |
| 2. | Dr. Amrit Lal Haldar, | Member, SEAC-2 (through VC) |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tanzar Ullah Khan, | Member, SEAC-2 |
| 5. | Prof. Jaswant Singh, | Member, SEAC-2 |
| 6. | Dr. Shiv Om Singh, | Member, SEAC-2 (through VC) |

The Chairman welcomed the members to the 571st SEAC-2 meeting which was conducted online. The SEAC-2 unanimously took following decisions on the agenda points discussed in meeting :

1. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 02, Khand No.-01, Village-Kalothra, Tehsil-Tahrauli, Jhansi., M/s R.S. Mines & Minerals, Area: 3.50 ha. File No. 6271/Proposal No. SIA/UP/MIN/207880/2021

The committee noted that the matter was earlier discussed in 548th SEAC meeting dated 09/07/2021 and the project proponent did not circulate the documents to the members of SEAC and Directorate. Hence, the matter is differed.

The project proponent submitted their replies vide letter dated 01/09/2021. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment & Development. The committee discussed the matter and directed the project proponent to submit following information:

1. Detailed vehicular movement plan.
2. Detailed plantation plan with identification of green belt, type and number of plants/trees and their location in consultation with Forest Department should be submitted.
3. Plan for mobile toilet and safe disposal of municipal solid waste.

The matter will be discussed only after submission of online information on prescribed portal.

2. Sand/ Morrum / Bajari Mining from Ganga River Bed in Aligarh., at Gata No.-19, Village-Ganeshpur Gang, Tehsil-Atarooli, Aligarh., Area-16.0 ha. File No. 4144/Proposal No. SIA/UP/MIN/193846/2021

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 Betwa Riverbed of M/s Shrikant Gupta at Khand No.24/13, Vill.-Chikasi, Tehsi-Sarila, Hamirpur, Area-36.437 ha. File No. 4713/Proposal No. SIA/UP/MIN/194902/2021

The committee noted that the Environmental Clearance to the above project was issued by SEIAA, U.P. vide letter no. 455/Parya/SEAC/4713-4464/2019 dated 12/12/2019 for the mining lease area 36.437 ha and production capacity 7,28,640 m³/year.

District Magistrate, Jhansi has issued the revised Letter of Intent (LoI) vide letter no. 2036/khanij-MMC-TEES-Vividh(2020-21), dated 30/12/2020 in favour of Shri Shrikant Gupta, S/o Shri Prakash, SEAC observed that substantial area (22.437 ha) of the previously sanctioned lease area (36.437 ha) for which Environmental Clearance has already been granted, now comes under the proposed alignment of "Bundelkhand Expressway" and part of the same lease area (Khand No.24/13) i.e. 14.0 hectares only remains as sanctioned lease area limiting the production capacity to 2,79,962 m³/year.

Hence, the project proponent has submitted form-4, dated 25/01/2021 for amendment in environmental clearance letter dated 12/12/2019.

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

1. Details of proposed amendment in E.C letter dated 12/12/2019:

1. On-line proposal No.	SIA/UP/MIN/194902/2021		
2. File No. allotted by SEIAA, UP	4713		
3. Name of Proponent	Shri Shrikant Gupta S/o Shri Sri Prakash Gupta		
4. Full correspondence address of proponent and mobile no.	R/o H.No. 140, Kailash Residency, Galla Mandi Road, Jhansi, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No: 24/13		
7. Name of River	Betwa River		
8. Name of Village	Chikasi		
9. Tehsil	Sarila		
10. District	Hamirpur (U.P)		
11. Name of Minor Mineral	Sand/Morrum Mining Project		
12. Sanctioned Lease Area (in Ha.)	14.0 Ha		
13. Mineable Area (in Ha.)	10.5492 Ha (3.4508 Ha safety margin)		
14. Zero level mRL	105 mRL		
14. Max. & Min mrl within lease area	Maximum mRL is 116.0 mRL and Minimum mRL is 108.0 mRL		
15. Pillar Coordinates (Verified by DMO)	Geographical coordinates of the lease area is given below-		
	Points	Latitude	Longitude
	A'	25°50'18.98"N	79°28'45.22"E
	B	25°50'12.70"N	79°28'38.20"E
	C	25°50'23.20"N	79°28'28.50"E
	D'	25°50'32.48"N	79°28'37.38"E
	About 1.4807Ha area is submerged. Geographical coordinate of the submerged area is as below:		
	Points	Latitude	Longitude
	B1	25°50'21.92"N	79°28'29.71"E

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	B2	25°50'22.74"N	79°28'30.37"E
	B3	25°50'24.09"N	79°28'31.07"E
	B4	25°50'26.91"N	79°28'33.76"E
	B5	25°50'28.57"N	79°28'34.49"E
	B6	25°50'28.88"N	79°28'35.49"E
	B7	25°50'30.49"N	79°28'38.54"E
	C	25°50'23.20"N	79°28'28.50"E
	D'	25°50'32.48"N	79°28'37.38"E
	About 12.5193 Ha area will remain the actual area for mining Geographical coordinate of the actual area for mining is as below:		
	Points	Latitude	Longitude
	A'	25°50'18.98"N	79°28'45.22"E
	B	25°50'12.70"N	79°28'38.20"E
	B1	25°50'21.92"N	79°28'29.71"E
	B2	25°50'22.74"N	79°28'30.37"E
	B3	25°50'24.09"N	79°28'31.07"E
	B4	25°50'26.91"N	79°28'33.76"E
	B5	25°50'28.57"N	79°28'34.49"E
	B6	25°50'28.88"N	79°28'35.49"E
	B7	25°50'30.49"N	79°28'38.54"E
16. Total Geological Reserves	5,00,772 m ³		
17. Total Mineable Reserves in LOI	2,79,962 m ³ per year		
18. Total Proposed Production (in four year)	11,19,848 m ³ (in four year)		
19. Proposed Production/year	2,79,962 m ³ per year		
20. Sanctioned Period of Mine lease	5 Years (lease life period- 02/01/2020 to 01/01/2025)		
21. Production of mine/day	1120 m ³ /day		
22. Method of Mining	Open cast, Manual, Semi-mechanized		
23. No. of working days	250		
24. Working hours/day	8 hours/day		
25. No. Of workers	53		
26. No. Of vehicles movement/day	86-88 Vehicles movement/day		
27. Type of Land	Open cast, Manual, Semi-mechanized		
28. Ultimate Depth of Mining	3.0 m		
29. Nearest metalled road from site	SH21 (Lakhimpur-Sitapur) 3.5 Km, South West direction		
30. Water Requirement	PURPOSE		REQUIREMENT(KLD)
	Drinking		0.63 KLD
	Suppression of dust		9.36 KLD
	Plantation		0.07 KLD
	Others (if any)		NA
	Total		10.0 KLD
31. 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//1922/RA0200 and Extension valid up to 30/12/2022		
32. Any litigation pending against the project or land in any court	NO		
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 2185/खनिज ०एम०एम०सी-तीस-विविध/(2020-21) , Dated 08/11/2021		
34. Details of Lease Area in approved DSR	NA		
35. Proposed CER cost	Rs 39,21,986 /-(EMP)		
36. Proposed EMP cost/ Total Project cost	Rs 23,70,25,000/-		
37. Length and breadth of Haul Road	780 m length and 6 m width		
38. No. of Trees to be Planted	70		

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended to amend the Environmental Clearance letter no. 455/Parya/SEAC/4713-4464/2019 dated 12/12/2019 as per above project details. The committee also directed that rest all of the contents mentioned in Environmental Clearance letter dated 12/12/2019 shall remain same.

4. Sand/ Morrum Mining from Son River Bed at Arazi No.-824 Kha, Khand No.-01, Village-Agori Khas, Tehsil-Obra, Sonbhadra., Area: 16.194 ha . File No. 6305/Proposal No. SIA/UP/MIN/63476/2021

The committee noted that the matter was earlier discussed in 513th SEAC meeting dated 23/08/2021 and directed the project proponent to submit following information:

1. Singrauli Action Plan (CEPI) as defined by CPCB which includes the area of Uttar Pradesh and Madhya Pradesh. The committee directed the Project proponent to submit the status of proposed site with reference to aforesaid Singrauli Action Plan (CEPI) along with certified map with geo-coordinates from the competent authority.
2. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the quarry area. The surface runoff rain water harvesting and other water conservation measures of long term basis are to be taken in consultation with central/State Ground water Board. The water so collected should be utilized for watering the haulage area, roads and green belt development etc.
3. Plan for vehicular movement.
4. Detailed plantation plan with identification of green belt, type and number of plants/trees and their location in consultation with forest department shall be formulated and implemented.

The project proponent submitted their replies vide letter dated 10/08/2021. A presentation was made by the project proponent along with their consultant M/s Greencindia Consulting Private Limited. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The terms of reference is sought for Sand/ Morrum Mining from Son River Bed at Arazi No.-824 Kha, Khand No.-01, Village-Agori Khas, Tehsil-Obra, Sonbhadra, U.P., (Leased Area: 16.194 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/63476/2021
2. File No. allotted by SEIAA, UP	6305
3. Name of Applicant	Owner: Shri Chander Sherkhar Chaurasia
4. Full correspondence address of proponent and mobile no.	9A, Paramount Villa Ansals, Near Regional College Shyamla Hill, Bhopal, M.P.
5. Name of Project	Morrum Mining along Sone River bed at Arazi No.- 824Kha (Khand No. 01), Village- Agori Khas, Tehsil-Obra, District-Sonbhadra, U.P.
6. Project location (Plot/Khasra/Gata No.)	Village – Agori Khas, Arazji No. 824Kha (Khand No. 01), Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh.
7. Name of River	Sone River
8. Name of Village	Agori Khas
9. Tehsil	Obra
10. District	Sonbhadra
11. Name of Minor Mineral	Morrum

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12. Sanctioned Lease Area (in Ha.)	16.194 Ha.		
13. Mineable Area (in Ha.)	10.9551 Ha.		
14. Zero level mRL	168 mRL		
15. Max. & Min mRL within lease area	175-172 mRL.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	Total Lease Area Coordinate (16.194 ha)		
	A	24°33'47.01"N	82°57'16.43"E
	B	24°33'48.60"N	82°57'25.22"E
	C	24°33'32.73"N	82°57'31.50"E
	D	24°33'29.53"N	82°57'20.42"E
	E	24°33'31.23"N	82°57'19.13"E
17. Total Geological Reserves	6,47,760 m ³		
18. Total Mineable Reserves	2,70,892 m ³		
19. Proposed Production/year (as per LoI)	2,59,104 m ³		
20. Total Production (5 Years)	12,95,520 m ³		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1036.42 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	76		
27. No. Of vehicles movement/day	86		
28. Type of Land	Govt. Land		
29. Depth of Mining	2.50 m		
30. Nearest metaled road from site	530 m		
31. Water Requirement	Purposes	Requirement (KLD)	
	Drinking	0.76	
	Suppression of dust	2.24	
	Plantation	11.53	
	Others (if any)	0.00	
	Total	14.53	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt. Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2022		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	1358/ Khanij /2021 dated 11 th May, 2021		
35. Length and breadth of Haul Road	Length 530 m, Width 6.0 m		
36. 31. Proposed CER Cost	2,51,044/-		
37. 32. Proposed EMP Cost	Rs. 9,26,601/-		
38. No. of Trees to be planted	7203 Trees		

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

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Agreement between project proponent and competent authority for safe disposal of municipal solid waste should be provided at the time of EIA presentation.
 2. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the quarry area. The surface runoff rain water harvesting and other water conservation measures of long term basis are to be taken in consultation with central/State Ground water Board. The water so collected should be utilized for watering the haulage area, roads and green belt development etc.
 3. Plan for vehicular movement.
- 5. Sand/Morrum Mining from Yamuna Riverbed at 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 , Tehsil & District- Fatehpur., Area: 50.0 ha. File No. 5978/Proposal No. SIA/UP/MIN/58210/2020**

The committee noted that the matter was earlier discussed in 534th SEAC meeting dated 22/03/2021 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 project proponent submitted their replies vide letter dated 16/08/2021. 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 terms of reference is sought for Sand/Morrum Mining from Yamuna Riverbed at 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 , Tehsil & District- Fatehpur, U.P. (Leased Area: 50.0 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/58210/2020
2. File No. allotted by SEIAA, UP	5978
3. Name of Proponent	M/s R.B. ENTERPRISES Partner- Shri Birendra Singh S/o Shri Ram Kishor Singh
4. Full correspondence address of proponent and mobile no.	R/o Shastri Nagar , Atarra Chungi, Chauki Banda, UP-210001
5. Name of Project	Sand/Morrum Mining Project
6. Project location (Plot/Khasra/Gata No. / khand No.)	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, 395 to 402, 409 to 412, 417 to 423, 463, 464, 587/471, 471 to 475, 499, 500, 505 to 510, 537 to 544, 561 to 565, 577 to 579, 585 & 586
7. Name of River	River Yamuna
8. Name of Village	Urauli
9. Tehsil	Fatehpur
10. District	Fatehpur (U.P)
11. Name of Minor Mineral	Sand/Morrum Mining Project
12. Sanctioned Lease Area (in Ha.)	50.0 Ha.

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13. Mineable Area (in Ha.)	40.153 ha (safety zone 9.847 ha)		
14. Zero level mRL	85.0 to 86.0		
15. Max. & Min mrl within lease area	Maximum mRL 95.0 mRL Minimum mrl 89.0 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	A	25° 48.573'N	80° 28.624'E
	A1	25° 48.440'N	80° 28.780'E
	A2	25° 48.273'N	80° 28.969'E
	A3	25° 48.129'N	80° 29.166'E
	A4	25° 47.924'N	80° 29.447'E
	B	25° 47.705'N	80° 29.835'E
	C	25° 47.622'N	80° 29.775'E
	C1	25° 47.842'N	80° 29.386'E
	C2	25° 48.055'N	80° 29.087'E
	C3	25° 48.207'N	80° 28.880'E
	C4	25° 48.363'N	80° 28.693'E
D	25° 48.499'N	80° 28.529'E	
17. Total Geological Reserves	15,00,000 m ³		
18. Total Mineable Reserves in LOI	3,75,000 m ³ per year in LOI		
19. Total Proposed Production (in five year)	18,75,000 m ³		
20. Proposed Production/year	3,75,000 m ³ per year		
21. Sanctioned Period of Mine lease	5 Year		
22. Production of mine/day	1442.30 m ³ /day		
23. Method of Mining	Open cast, Manual, semi mechanized		
24. No. of working days	260		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 105 workers		
27. No. Of vehicles movement/day	120-125 Vehicles movement/day		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	1.0 m		
30. Nearest metalled road from site	NH-232 at 3.5 km towards East direction from the project site		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.15 KLD	
	Suppression of dust	18.0 KLD	
	Plantation	1.0 KLD	
	Others (if any)	-	
	Total	20.15 KLD (Approx. 20.0 KLD)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1229/RA 0200 valid up to 30/12/2022		
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. 1158/30-Khanij (2020-21) dated. 01/10/2020		
35. Details of Lease Area in approved DSR	Amendment letter-Page 06 ,7 Sr. No- 17		
36. Proposed EMP cost	Rs. 18,00,000/-		
37. Proposed Total Project cost	Rs. 9,00,00,000/-		
38. Length and breadth of Haul Road	250 m length and 6.0 m width		
39. No. of Trees to be Planted	250		

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-05

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Agreement between project proponent and competent authority for safe disposal of municipal solid waste should be provided at the time of EIA presentation.
 2. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the quarry area. The surface runoff rain water harvesting and other water conservation measures of long term basis are to be taken in consultation with central/State Ground water Board. The water so collected should be utilized for watering the haulage area, roads and green belt development etc.
 3. Plan for vehicular movement.
6. **Modernization of Hotel Building to 197 Bedded Multi Specialty Hospital Building at Plot No.- SH-06, Site-IV, Surajpur, Industrial Area, Greater Noida., M/s Ram Ratan Real Estate Pvt. Ltd. File No. 6473/Proposal No. SIA/UP/MIS/222610/2021**

RESOLUTION AGAINST AGENDA NO-06

The project proponent requested to defer the matter in next SEAC meeting proposed on 05/10/2021. The committee agreed with the request made by the project proponent and directed to list the matter in SEAC meeting dated 05/10/2021.

7. **Sand/Moorum Mining from Dhasan River Bed at Gata No.-1419 Kha, Khand No.-01, Villlage- Dhamnaud, Tehsil- Garautha, District- Jhansi, U.P., Shri Vipin Kumar Saxena, Area-24.00 Ha. File No. 5860/5578/Proposal No. SIA/UP/MIN/56882/2020**

The committee noted that the matter was earlier discussed in 497th SEAC meeting dated 05/10/2020 and directed is as follows:

“The committee observed that a complaint letter dated 04/10/2020 has been received from Shri Gulshan Yadav (yqulshan084@gmail.com). The committee discussed the complaint letter dated 04/10/2020 and decided that a complaint letter should be sent to the District Magistrate, Jhansi and District Mining Officer, Jhansi, Director, Geology and Mining Department, Lucknow and Regional officer, UPPCB Jhansi for providing the factual report on the matter within 15 days.

The Secretariat sent a letter dated 04/11/2020 to District Magistrate, Jhansi for providing the factual report of the site. Deputy District Magistrate, Jhansi, Senior Mining Officer, Jhansi and Regional Officer, UPPCB, Jhansi inspect the site on 23/11/2020 and provide the factual report to the Directorate vide letter dated 18/12/2020.

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The Secretariat put the factual report in 518th SEAC meeting dated 05/01/2021 and the committee observed that as per factual report received from District Magistrate, Jhansi vide letter no. 1744/30 MMC/2020-21 dated 18/12/2020, the complaint of Mr. Gulshan Yadav is baseless. Hence, the complaint is disposed off.

The matter was again listed in 523rd SEAC meeting dated 09/02/2021 and the committee further observed that the baseline monitoring data submitted by the project proponent/consultant is from January 08, 2020 to March 24, 2020 (only 75 days) which does not fulfil the requirement of (90 days) mentioned in MoEF&CC guidelines. As per the MoEF&CC notification the baseline monitoring data should be collected in any of the block period i.e. from March to May (summer season), October to December (post monsoon season) and December to February (winter season). It appears that the proper norms for the monitoring have not been followed. A clarification from project proponent and RO, Pollution Control Board, Jhansi is required regarding the commencement of public hearing meeting/monitoring of baseline data on the basis of above facts.

The Secretariat sent a letter dated 24/03/2021 to Member Secretary, UP Pollution Control Board, Lucknow to provide the clarification regarding commencement of public hearing meeting/monitoring of baseline data on the basis of above facts. The Regional Officer, UP Pollution Control Board, Jhansi vide letter no. 06/PH-215/2021, dated 03/04/2021 informed that the minutes of public hearing report has already been sent vide letter no. 310/PH-215/2020, dated 15/09/2020 for necessary action.

The letter of Regional Officer, UP Pollution Control Board, Jhansi was put up by the Secretariat in 474th SEIAA meeting dated 09/06/2021 and the SEIAA opined that the letter shall be sent to SEAC for review/ comments.

As per the direction of SEIAA, the matter was listed in 571st SEAC meeting dated 16/09/2021 and the project proponent also present in the meeting. During the meeting, the project proponent requested the committee to allow to make presentation regarding one season additional baseline monitoring data submitted by the project proponent. The committee accepted the request made by the project proponent.

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

1. The environmental clearance is sought for Sand/Morrum Mining from Riverbed at Gata No. 1419 KhKhand No.- 01, Village- Dhamnaud, Tehsil- Garautha ,District- Jhansi U.P. Sri Vipin Kumar Saxena S/o Sri Om PrakashSaxena (Leased Area – 24.00 Ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 110/Parya/SEAC/5578/2017 dated 08-06-2020.
3. The public hearing was organized on 22-08-2020. Final EIA report submitted by the project proponent on 22/09/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/56882/2020
2.	File No. allotted by SEIAA, UP	5860/5578
3.	Name of Proponent	Sri Vipin Kumar Saxena S/o Sri Om PrakashSaxena

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4.	Full correspondence address of proponent and mobile no.	R/o- MIG –A/135 , AashiyanaPratham , Tehsil and District Moradabad U.P		
5.	Name of Project	Area- (24.00 Ha) On Dhasan River For Sand/ Morrum Mining at Gata No. 1419 KhKhand No.- 01, Village- Dhamnaud Tehsil- Garautha ,District- Jhansi U.P. Sri Vipin Kumar Saxena S/o Sri Om PrakashSaxena		
6.	Project Location(Plot.Khsra/Gata No.)	Gata No. 1419 KhKhand No.- 01		
7.	Name of River	Dhasan River		
8.	Name of Village	Dhamnad		
9.	Tehsil	Garautha		
10.	District	Jhansi		
11.	Name of Minor Mineral	Sand/Morrum		
12.	Sanctioned Lease Area (in Ha.)	24.0 Ha.		
13.	Max. & Min mRL within lease area	121.0 mRL& 128.5 mRL		
14.	Pillar Coordinates (Verified by DMO)	POINT	LATTITUDE	LONGITUDE
		A	25°40'42.00"N	79°23'03.70"E
		B	25°40'51.10"N	79°23'04.40"E
		C	25°40'59.60"N	79°23'06.10"E
		D	25°41'04.40"N	79°23'04.10"E
		E	25°41'08.80"N	79°23'01.50"E
		F	25°41'11.80"N	79°22'58.40"E
		G	25°41'15.60"N	79°22'52.10"E
		H	25°41'22.17"N	79°22'37.78"E
		I	25°41'25.13"N	79°22'38.44"E
		J	25°41'20.80"N	79°22'54.50"E
		K	25°41'16.30"N	79°23'03.60"E
		L	25°41'07.90"N	79°23'10.00"E
		M	25°40'57.30"N	79°23'11.60"E
		N	25°40'54.80"N	79°23'10.90"E
		O	25°40'48.30"N	79°23'08.40"E
		P	25°40'40.31"N	79°23'03.62"E
15.	Total Geological Reserves	7,20,000m ³ /Annum		
16.	Total Mineable Reserve	2,55,767m ³ /Annum		
17.	Total Proposed Production in LOI	2,50,000 m ³ /Annum		
18.	Proposed Production /year	Year	Production	
		1 St	2,50,000 m ³ /Annum	
		2 nd	2,50,000 m ³ /Annum	
		3 rd	2,50,000 m ³ /Annum	
		4 th	2,50,000 m ³ /Annum	
		5 th	2,50,000 m ³ /Annum	
		Total	12,50,000 m ³	
19.	Sanctioned Period of Mine lease	5 Years		
20.	Production of mine/day	1111 m ³ /Day		
21.	Method of Mining	Open cast Manual / Semi Mechanized Mining		
22.	No. of working days	225 Days		
23.	Working hours/day	8 Hours		
24.	No. of worker	90 Worker		
25.	No. of vehicles movement/day	123Trucks / Day		
26.	Type of Land	River Bed (Govt. Land)		
27.	Ultimate of Depth of Mining	1.3 m		
28.	Nearest metalled road from site	1.0 Km		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.9	
		Suppression of dust	12.0	

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		Plantation	3.17
		Others (if any)	
		Total	16.07 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.86 Period of Validity- 31-01-2021	
31.	Any litigation pending against the project or land in any court	No	
32.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No1630/30 M.M.C /(2019-20) Date-03.02.2020	
33.	Details of Lease Area in approved DSR	Yes (Page No: 52, Table No:13 &Sr, No: 01)	
34.	Proposed CER cost	2.80 Lac	
35.	Proposed EMP cost	23.01 Lac	
36.	Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road	
37.	No. of Trees to be Planted	792 Trees	

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

RESOLUTION AGAINST AGENDA NO-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 to these minutes.

8. Stone Crusher Unit at Khasra No.- 70/3/1, 70/3/1, 70/2, 68/2, 68/3/2, 68/1, Village-Dhaba, P.O.- Raipur, Tehsil- Behat, District- Saharanpur, U.P., M/s Salamti Stone Crusherr. File No. 5836

The committee noted that the matter was earlier discussed in 476th SEIAA meeting dated 15/07/2021 and directed is as follows:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through the file and documents and found that SEAC in its meeting dated 18.02.2021 directed the project proponent to submit Raw material storage license permission from DM but the same was not found in the file. Hence SEIAA opined to refer back the project to SEAC-2 for review/comments. It is also suggested that in future SEAC-1/ SEAC-2 in minutes of meeting should clearly spell out objections raised by them along with replies submitted by project proponent and recommendations of SEAC-1/ SEAC-2 on every objection which they have raised.”

As per the direction of SEIAA, the matter was listed in 571st SEAC meeting dated 16/09/2021. The committee discussed the matter and directed the project proponent to submit the latest position of storage license in terms of query raised by SEIAA.

9. Sand Mining at Gata No.-GHA, Village-Hariharpur, Tehsil-Gola, District- Gorakhpur., Area-1.1300 Ha. File No. 6161/Proposal No. SIA/UP/MIN/191856/2021

The committee noted that the matter was earlier discussed in 478th SEIAA meeting dated 29/07/2021 and directed is as follows:

“SEIAA gone through the letter of project proponent dated 09.06.2021 requesting for correction in issued EC letter no- 36/Parya/SEAC/6161/2019 dated 28-05-2021. SEIAA opined that EC was granted on the recommendation of SEAC in its meeting held on 12.04.2021. Hence SEIAA opined that the letter dated 09.06.2021 shall be referred to SEAC for review/comments.”

As per the direction of SEIAA, the matter was listed in 571st SEAC meeting dated 16/09/2021. The committee noted that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 36/Parya/SEAC/6161/2019 dated 28/05/2021 for the leased area 1.1300 ha and production capacity 22,000 m³ (06 months).

The project proponent vide letter dated 09/06/2021 informed that due to typographical error in environmental clearance letter dated 28/05/2021 the location of the project is mentioned as “Moram Mining at Gata No.-274, Village-Hariharpur, Tehsil- Gola, District-Rampur, U.P. (Leased Area-1.1300 Ha.)” instead of “Ordinary Sand Mining at Gata No.-274, Village-Bhoovra Ehatmali, Tehsil- Sawar, District-Rampur, U.P. (Leased Area-1.1300 Ha.). The project proponent also informed that the method of mining is proposed as Opencast Manual/Semi mechanized, it should also include in point no. 21 of EC letter. The project proponent requested to include the above details in environmental clearance letter dated 28/05/2021.

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. Details of proposed amendment in environmental clearance letter dated 28/05/2021:

Details mentioned in EC letter	Proposed amendment in EC letter
Moram Mining at Gata No.-274, Village-Hariharpur, Tehsil- Gola, District-Rampur, U.P. (Leased Area-1.1300 Ha.)	“Ordinary Sand Mining at Gata No.-274, Village-Bhoovra Ehatmali, Tehsil- Sawar, District-Rampur, U.P. (Leased Area-1.1300 Ha.)
Point No. 21 : Method of Mining : Opencast Manual	Point No. 21 : Method of Mining : Opencast Manual/Semi mechanized

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended to amend the environmental clearance letter no. 36/Parya/SEAC/6161/2019, dated 28/05/2021 as per above project details. The committee also directed that rest all of the contents mentioned in environmental clearance letter dated 28/05/2021 shall remain same.

10. Expansion of Existing Products including addition of New API/ Bulk drugs/Pharmaceutical Products, at Plot No.- 20/3, Site-IV, Industrial Area, Sahibabad, District- Ghaziabad., M/s Para Products Pvt. Ltd. File No. 6252/Proposal No. SIA/UP/IND2/205972/2021

The committee noted that the matter was earlier discussed in 481st SEIAA meeting dated 05/08/2021 and directed is as follows:

“SEIAA gone through the letter of the project proponent dated 30.06.2021 requesting inclusion of list of products and their respective quantities in the issued EC. SEIAA gone through the file and documents and found that though the list of products and their respective quantities were mentioned in Form-1 submitted and in the presentation made thereof but it was not recommended by SEAC in their minutes of meeting for grant of EC, thus this needs to be referred back to SEAC for seeking their opinion.”

As per the direction of SEIAA, the matter was listed in 571st SEAC meeting dated 16/09/2021. The committee noted that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 146/Parya/SEIAA/6252/2021 dated 12/06/2021 for the plot area 8590.03 m².

The project proponent vide letter dated 30/06/2021 informed that the list of proposed product and their respective quantities has not been mentioned in environmental clearance letter dated 30/06/2021. The project proponent requested to include the details of proposed product and their respective quantities give below in environmental clearance letter dated 12/06/2021:

Sr. No.	Product Name	CAS No.	End Use	Quantity MT/Month
1.	Mefenamic Acid	61-68-7	It is used for the short-term treatment of mild to moderate pain from various conditions. It is also used to decrease pain and blood loss from menstrual periods	20
2.	Aceclofenac	89796-99-6	It is used for the relief of pain and inflammation in osteoarthritis, rheumatoid arthritis and ankylosing spondylitis.	70
3.	2,6-Dichloro Phenol	87-65-0	Used as an intermediate in making antiseptics, disinfectants	70
4.	Ambroxol Base	18683-91-5	Treatment of respiratory diseases	20
5.	AmbroxolHCl	23828-92-4	Treatment of respiratory diseases	10
6.	BenfotiamineHCl	22457-89-2	To treat diabetic neuropathy	10
7.	Chloramphenicol	56-75-7	It is an antibiotic. It's mainly used to treat eye infections (such as conjunctivitis) and sometimes ear infections	30
8.	Chloramphenicol Palmitate	530-43-8	It is used to treat certain types of serious infections caused by bacteria	30
9.	Chlorhexidine Dihydrochloride	55-56-1	It is used in the formulation of eye makeup, makeup foundations, mouthwashes, hair dyes and bleaches, and other skin care and hair care products	20
10.	Chlorzoxazone	95-25-0	It is used to relieve pain and stiffness caused by muscle strains and sprains.	20
11.	Ciprofloxacin HCl	86393-32-0	To treat a variety of bacterial infections	50
12.	Citicoline Sodium	33818-15-4	It is used for Alzheimer disease, Parkinson disease,	05

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			bipolar disorder, lazy eye, and other conditions of the brain.	
13.	Closantel	57808-65-8	For the treatment and control of adult and immature flukes, nematodes and larval stages of some arthropods	15
14.	Defarasirox	201530-41-8	To treat high levels of iron in people with a certain blood disorder	10
15.	Diclofenac Diethylamine	78213-16-8	It is used to reduce the pain or inflammation	22
16.	Diclofenac Potassium	15307-81-0	To relieve pain and swelling (inflammation) from various mild to moderate painful conditions. It is used to treat muscle aches, backaches, dental pain,	10
17.	Diclofenac Sodium	15307-79-6	To reduces inflammation and pain. It's used to treat aches and pains, as well as problems with joints, muscles and bones.	50
18.	Domperidone	57808-66-9	It is an anti-sickness medicine. It helps you to stop feeling or being sick (nausea or vomiting)	05
19.	Erythromycin Stearate	643-22-1	To treat a wide variety of bacterial infections	22
20.	Esomeprazole Magnesium	217087-09-7	To treat the symptoms of gastroesophageal reflux disease (GERD)	05
21.	Fenbendazole	43210-67-9	To treat a variety of parasites	11
22.	Fluconazole	86386-73-4	To treat serious fungal or yeast infections	15
23.	Guaifenesin	93-14-1	To relieve chest congestion	50
24.	Ibuprofen	15687-27-1	To reduce fever and to relieve minor aches and pain from headaches, muscle aches, arthritis, menstrual periods, the common cold, toothaches, and backaches.	450
25.	Ketoconazole	65277-42-1	It is an antifungal medicine used to treat infections such as athlete's foot, jock itch, ringworm, and seborrhea (dry, flaking skin or dandruff).	15
26.	Levofloxacin	100986-85-4	To treat a variety of bacterial infections	20
27.	Lidocaine HCl	73-78-9	To prevent and relieve pain	20
28.	Lumefantrine	82186-77-4	To treat non-severe malaria	5
29.	Meloxicam	71125-38-7	To relieve pain, tenderness, swelling, and stiffness	20
30.	Metformin Acid	1115-70-4	For the treatment of Type 2 diabetes mellitus	300
31.	Methocarbamol	532-03-6	To treat muscle spasms/pain	11
32.	Methylcobalamin	13422-55-4	To treat vitamin B12 deficiency	01
33.	Metronidazole Benzoate	22916-47-8	It is an antibiotic that is used to treat a wide variety of infections	42
34.	Montelukast Sodium	151767-02-1	To prevent wheezing, difficulty breathing, chest tightness, and coughing caused by asthma in adults and children 12 months of age and older.	5
35.	Niacinamide	98-92-0	It helps build keratin , a type of protein that keeps your skin firm and healthy.	60
36.	Ofloxacin	82419-36-1	To treat certain infections including pneumonia, and infections of the skin, bladder, reproductive organs, and prostate	20

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37.	OlmesartonMedoxo mil	144689-63-4	To treat high blood pressure	5
38.	Ornidazole	16773-42-5	To treat people who have certain types of vaginal, urinary tract and intestinal infections, or some specific infections that are in the body	50
39.	Oxyclozanide	2277-92-1	It is used in veterinary medicine against internal parasites	10
40.	Paracetamol	103-90-2	To treat aches and pain. It can also be used to reduce a high temperature	1200
41.	Pioglitazone HCl	112529-15-4	To treat type 2 diabetes	02
42.	Piroxicam	36322-90-4	To relieve pain, tenderness, swelling, and stiffness caused by osteoarthritis and rheumatoid arthritis	20
43.	Pseudoephedrine HCl	345-78-8	To relieve nasal congestion caused by colds, allergies, and hay fever.	14
44.	Pyrazinamide	98-96-4	To treat tuberculosis (TB)	50
45.	Rabeprazole Sodium	117976-90-6	To treat certain stomach and esophagus problems	04
46.	Sildenafil Citrate	171599-83-0	To treat male sexual function problems	20
47.	Telmisartan	144701-48-4	To treat high blood pressure	04
48.	Teneligliptin Hydrobromide Hydrate	1572583-29-9	For the treatment of type 2 diabetes mellitus	05
49.	Tramadol HCl	27203-92-5	To relieve moderate to moderately severe pain	14
50.	Vildagliptin	274901-16-5	For the treatment of type 2 diabetes	5

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended to add the above proposed product and their respective quantities in environmental clearance letter no. 146/Parya/SEIAA/6252/2021 dated 12/06/2021 issued by SEIAA. The committee also directed that rest all of the contents mentioned in environmental clearance letter dated 12/06/2021 shall remain same.

11. Common Bio-medical Waste Treatment Facility (CBWTF) Proposed by Progressive Life Care-A Unit of M/s Topsy Turvy Retail Pvt.Ltd., at Khasra No.-1035, Village-Bharsar, Pargana-Kada, Tehsil-Sirathu, District-Kausambi., M/s Topsy Turvy Retail Pvt. Ltd. File No. 5801/Proposal No. SIA/UP/MIS/56134/2020

The committee noted that the matter was earlier discussed in 481st SEIAA meeting dated 05/08/2021 and directed is as follows:

“SEIAA gone through the letter dated 30.06.2021 of Shri Hariom Sharan Dwivedi regarding the above. SEIAA opined to refer the letter to SEAC 2 for review/comments.”

As per the direction of SEIAA, the matter was listed in 571st SEAC meeting dated 16/09/2021. The committee went through the complaint letter dated 30/06/2021 of Shri Hariom Sharan Dwivedi and opined that the complaint letter should be sent to Regional Officer, UP Pollution Control Board, Kaushambi for providing the factual report regarding the project within 15 days.

12. Common Biomedical Waste Treatment Facility at Khasra No.- 433, Gram-Ambehta Chand, Tehsil-Rampur Maniharan, District- Saharanpur, U.P., M/s Greenlee Environmental Solutions. File No. 5507/Proposal No. SIA/UP/MIS/50972/2019

The committee noted that the matter was earlier discussed in 485th SEIAA meeting dated 27/08/2021 and directed is as follows:

“SEIAA gone through the letter of M/S Greenlee Environment Solution dated 16.07.2020/29.07.2021 and opined to refer it to SEAC-2.

As per the direction of SEIAA, the matter was listed in 571st SEAC meeting dated 16/09/2021. The committee went through the file and observed that the letter of M/s Greenlee Environment Solution dated 29/07/2021 is not available in the file.

(Dr. Harikesh Bahadur Singh)
Chairman, SEAC-2

(Dr. Amrit Lal Haldar)
Member, SEAC-2

(Dr. Dineshwar Prasad Singh)
Member, SEAC-2

(Tanzar Ullah Khan)
Member, SEAC-2

(Prof. Jaswant Singh)
Member, SEAC-2

(Dr. Shiv Om Singh)
Member, SEAC-2

Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI

- 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) 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.
- 21) 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.
- 22) 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.

- 23) 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.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) 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.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) 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.
- 30) 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.
- 31) 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.
- 32) 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.
- 33) 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.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) 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.
- 36) 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.
- 37) 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.
- 38) 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.
- 39) 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.

- 40) 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.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) 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.
- 45) 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 and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

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

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

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

Specific Conditions:

1. The Environmental clearance will be co-terminus with the mining lease period.

2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakka motorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.

29. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
31. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width 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.
33. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
34. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
37. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
38. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
47. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the

clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.

48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.