

### **Minutes of 575th SEAC-1 Meeting Dated-24-09-2021**

The 575<sup>th</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 24/09/2021. Following members participated in the meeting:

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

The Chairman welcomed the members to the 575th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. **Sand/Morrum mining along river Son at Gata/Araji no 21 mi, (Khand no. 1) Area - 14.98 ha (37 acres) at Village – Bhagwa, Tehsil - Obra, District- Sonbhadra, U. P. M/s Veera Construction, prop. Sri RameshwarPratap. File No. 6262 Proposal No. SIA/UP/MIN/61527/2021**

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

1. The environmental clearance is sought for Sand/Morrum mining along river Son at Gata/Araji no 21 mi, (Khand no. 1) Area - 14.98 ha (37 acres) at Village – Bhagwa, Tehsil - Obra, District- Sonbhadra, U. P. M/s Veera Construction, prop. Sri RameshwarPratap.
2. The terms of reference were issued by SEIAA, U.P. Ref. No.: 110/Parya/SEAC/6262/2019 Dated 11 June 2021. The public hearing was organized on 18-08-2021.

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

1.	On-line proposal No.	SIA/UP/MIN/61527/2021
2.	File No. allotted by SEIAA, UP	6262
3.	Name of Proponent	ShriRameshwarPratap
4.	Full correspondence address of proponent and mobile no.	M/s Veera Construction RameshwarPratap S/o ShriShyama Prasad R/o – S 3/36 B, Ardali Bazar, Varanasi, U.P. – 221002
		Mobile no. –
		Email ID - <a href="mailto:Veerasand64@gmail.com">Veerasand64@gmail.com</a>
5.	Name of Project	Environment Clearance for proposed river bed Sand/Morrum mining along river Son at Gata/Araji no 21 mi, (Khand no. 1) Area - 14.98 ha (37 acres) at Village – Bhagwa, Tehsil - Obra, District- Sonbhadra, U. P. M/s

**Minutes of 575<sup>th</sup> SEAC-1 Meeting Dated 24/09/2021**

		Veera Construction, prop. Sri RameshwarPratap		
6.	Project Location (Khasra/Gata No.)	Gata/Araji no 21 mi, (Khand no. 1)		
7.	Name of River	Son River		
8.	Name of Village	Bhagwa		
9.	Tehsil	Obra,		
10.	District	Sonbhadra		
11.	Name of Minor Mineral	River Bed sand/morrum mining		
12.	Sanctioned Lease Area (in Ha.)	14.98 ha		
13.	Max. & Min mRL within lease area	The highest level is 170.8 mRL The lowest level is 166.0 mRL Water level – 165.0		
14.	Pillar Coordinates (Verified by DMO)	<b>Point</b>	<b>Latitude N</b>	<b>Longitude E</b>
		A	24° 31’ 45.58"N	82° 59’ 24.55"E
		B	24° 31’ 55.22"N	82° 59’ 43.53"E
		C	24° 31’ 50.07"N	82° 59’ 46.56"E
		D	24° 31’ 36.52"N	82° 59’ 27.91"E
15.	Total Geological Reserves	4,63,164 m <sup>3</sup> /annum		
16.	Total Mineable Reserve	2,50,009 m <sup>3</sup> /annum		
17.	Total Proposed Production	11,98,400 m <sup>3</sup> (5 years)		
18.	Proposed Production /year (as per LoI)	2,39,680 m <sup>3</sup> /annum or 4,31,424 tonnes/annum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	959 m <sup>3</sup> /day		
21.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016).		
22.	No. of working days	250		
23.	Working hours/day	8		
24.	No. of worker	51		
25.	No. of vehicles movement/day	80		
26.	Type of Land	Govt./Non Forest Land		
27.	Ultimate of Depth of Mining	3.0 m ( For Mining Plan Period )		
28.	Nearest metalled road from site	1.0 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.51 KLD	
		Suppression of dust	- 7.8 KLD	
		Plantation	- 0.335 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 8.645~9.00 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 – 19/10/2021		
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-268/Khanij/2021 dated 25 January 2021.		
33.	Details of Lease Area in approved	Serial no. 14, Page no. 26		

	DSR	Sudhhipatra – patrank 957/Khanij/2021 dt. 20/03/2021
34.	Project Cost	1.45 Crore
35.	Proposed CER cost	2.90 lacs
36.	Proposed EMP cost	9.81
37.	Length and breadth of Haul Road	Length – 0.65 km Breadth – 6.00 m
38.	No. of Trees to be Planted	335

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

**RESOLUTION AGAINST AGENDA NO-01**

**The committee noted that complaint letters of ShriGauravSrivastava, Advocate, Mob.: 8800852235 have been received by the committee members.**

**The committee decided to share the aforesaid complaint letters with the Project Proponent/ Consultant. The Project Proponent/ Consultant mentioned that these complaints are baseless, and they will be able to give a written reply regarding the aforesaid complaints today itself, 24-09-2021. The committee deliberated that the case shall be taken after receiving a satisfactory reply in this regard.**

The Project Proponent/ Consultant has submitted a points-wise reply to that of the complaint made by the Complainant. The point wise details are given below:

Sr. No.	Query	Reply
1.	That notice of public hearing was advertised in newspaper daily on 14.07.2021 inviting therein any objections related to the environment for setting of the captioned project within 30 days of the advertisement.	We have followed all the process of EIA as per EIA Notification 2006 and amendments. The TOR was issued as per the proposal submitted and subsequently, Public Hearing was also conducted as per the notification and procedures. During Public Hearing all the suggestions and observations were followed and Public Hearing minutes have been issued by competent authority (complaint No 1 to 4 ).
2.	That the public hearing of the captioned project was conducted on 18.08.2021 and the proceedings of the public hearing dated 18.08.2021 has been posted on the website. Surprisingly, the proceedings makes a categorical averment that no objections had come to the concerned offices within the stipulated time in pursuance of the advertisement of the public hearing dated 14.07.2021.	
3.	That it is relevant to note here that the undersigned had sent objections related to environment qua the captioned project vide email dated 13.08.2021. The objections were also sent via speed post on 14.08.2021. The said objections were sent to the official email address and postal address of Regional Officer UPPCB, Sonbhadra, District Magistrate Sonbhadra and Chairman SEIAA, UP. A copy of the said letters (along with postal receipts) and emails (screenshots) are annexed herewith as Annexure No.1 (Collectively).	
4.	That the abovementioned Annexure No.1 makes it	

	<p>evident that the objections had been duly sent before the stipulated time and also before the date of public hearing. However, for the reasons best known to the authorities conducting the public hearing, the said duly served objections have not been taken note of, and the public hearing has been proceeded with in a mechanical manner, without application of mind. On perusal of the objections, it will be clear that the said objections inter alia even question the very authority of SEIAA to conduct the EIA study in view of the EIA notification of 14.09.2006 (note to schedule) and orders of the Hon'ble NGT. The contents of the said emails/letters may be considered as part and parcel of the present letter as the objections have not been taken note of in the Public Hearing. The said contents are not being repeated here for the sake of brevity.</p>	
5.	<p>The Term of Reference (TOR) nos. 13 and 14 given in the captioned project also assumes significance. Term no. 13 says inter alia that the project does not fall in the Critically Polluted Area (CPA) as per the minutes of joint meeting of SEIAA and SEAC, UP dated 06.01.2021 in Appeal No. 04/2020. Term no. 14 provides that TOR will be subject to the final order of Hon'ble NGT in the R.A. No. 07/2021 in appeal 04/2020. It implies that the committee was aware of the pendency of the RA No. 07/2021. Now the Hon'ble NGT vide order dated 02.08.2021 passed in RA No. 07/2021 held that, "As per para 4.2.1, Singrauli area consists of Dala-Tora, Obra, Renukoot, Anpara, Renusagar, kakri, Dudhichuwa, Bina, Khadia, Shakti Nagar, Rihand Nagar and Bipur &amp; MP-State, consisting of Vindhyachal Nagar, Jayant, Nigahi, DUDhichuwa, Amlohari and Jhingurdah. The said Area is CPA." It was further held that, "Once the critically area is known, absence of the scaled map may not be the handicap, as stated. The revenue boundary can be verified from the available revenue maps and distance of the project from such outer boundary can be measured." Thus, it essentially implies that the boundary of CPA would be the revenue boundary of that Area. The captioned project is proposed within Tehsil-Obradistrict- Sonebhadra, which admittedly is in CPA as it falls within the revenue boundary of CPA, a fact that should have been brought to notice. Therefore, general condition of EIA Notification 14.09.2006 would be applicable on the said captioned project and the same should be appraised at Central Level as Category 'A' project.</p>	<p>Allegations raised in the complaint does not implies on our proposal as point no. 5 of complaint stated that the TOR no. 13 and 14 assumes significances mentioning about the CPA however TOR issued to us is stating as given below:</p> <p><b>TOR no. 13</b></p> <div style="border: 1px solid black; padding: 5px;"> <p>All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the leases.</p> </div> <p><b>TOR no. 14</b></p> <div style="border: 1px solid black; padding: 5px;"> <p>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 shown the land use and other ecological features of the study area (core and buffer zone).</p> </div>
6.	<p>That mere providing a TOR condition that the TOR would be subject to final order of Hon'ble NGT in RA No. 07/2021 will not suffice as the appraisal is being</p>	<p>As far as CPA is concern, an affidavit along-with Google map showing the distance from nearest</p>

	done for studying the environmental impact which would take place once the project is established and operated. The standard of special measures to be taken or proposed in case of a project situated in CPA would invariably be of a higher degree than that of a category B project situated outside CPA. A higher degree of responsibility is put is apparent from the very fact that the general condition of EIA makes it mandatory that Category B project falling within CPA is to be appraised at Central Level as Category 'A' project. It is an established fact that EIA study is done in pursuance of the celebrated principles of Sustainable Development and Precautionary Principle in the interest of environment. In the present case, however, the whole exercise of EIA study appraisal by SEIAA and holding a vitiated public hearing, as stated above, is bad in law and is also in direct conflict of the principles of Sustainable Development and Precautionary Principle. The conditional TOR conditions that TORs would be subject to final order of Hon'ble NGT in a particular case is also violative of Precautionary Principle as the environment is at stake and it is not a right in personam which is at stake.	CPA has been submitted. The aforesaid project does not fall in the CPA area (Complaint No. 6 and 7)
7.	That as a natural corollary of the project being treated to be situated outside the CPA is that the special measures which ought to have been there as TOR and otherwise to deal with the projects situated in CPA are conspicuous by their absence in the present EIA appraisal.	
8.	It also needs to be strictly verified whether the conditions of the MoEF Notification No. 559 dated 3rd March 2016 are being complied with in letter and spirit during the Public Hearing and appraisal in letter and spirit or is it being violated.	All the process and information has been submitted is true and correct in my knowledge.
9.	The enclosed objections sent to RO, UPPCB, Sonebhadra with a copy to the DM, Sonebhadra would demonstrate to you the strong possibility of forgery and manipulation in the primary data and frivolous nature of analysis being used to address environmental concerns of a critically polluted area, which requires penal action against persons undertaking this malpractice.	

**After detailed analysis, the committee did not find any merit in the complaint and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes regarding the mining project. The committee also stipulated the following specific conditions:**

1. Project Proponent/Consultant should explore the possibilities of Solar light and water Conservation/harvesting around the mining site/area.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.

**2. Morrum Mining along Sone River bed at Arazi No.- 824Kha (Khand no 03), Village-AgoriKhas, Tehsil-Obra, District-Sonbhadra, U.P Area – 16.194 ha M/s New India Minerals Owner: SurendraTiwari. File No. 6262 Proposal No. SIA/UP/MIN/61527/2021**

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

1. The environmental clearance is sought for Morrum Mining along Sone River bed at Arazi No.- 824Kha (Khand no 03), Village-AgoriKhas, Tehsil-Obra, District-Sonbhadra, U.P Area – 16.194 ha M/s New India Minerals Owner: SurendraTiwari.
2. The terms of reference were issued by SEIAA, U.P. Ref. No.: 109/Parya/SEAC/6257/2019 Dated 11 June 2021. The public hearing was organized on 18-08-2021.

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

1. On-line proposal No.	SIA/UP/MIN/61251/2021		
2. File No. allotted by SEIAA, UP	6257		
3. Name of Applicant	M/s New India Minerals Owner: SurendraTiwari		
4. Full correspondence address of proponent and mobile no.	190, GovindpurGaneshpur, Akbarpur Distt-Ambedkarnagar UP.		
5. Name of Project	Morrur Mining along Sone River bed at Arazi No.- 824Kha (Khand no 03), Village-AgoriKhas, Tehsil-Obra, District-Sonbhadra, U.P.		
6. Project location (Plot/Khasra/Gata No.)	Village – AgoriKhas, Araji No. 824Kha (Khand no 03), Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh.		
7. Name of River	Sone River		
8. Name of Village	AgoriKhas		
9. Tehsil	Obra		
10. District	Sonbhadra		
11. Name of Minor Mineral	Morrur		
12. Sanctioned Lease Area (in Ha.)	16.194 Ha		
13. Mineable Area (in Ha.)	14.8273 Ha.		
14. Zero level mRL	165 mRL		
15. Max. & Min mRL within lease area	169-172 mRL.		
16. Pillar Coordinates (Verified by DMO)	<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>
	<b>Total Lease Area Coordinate (12.146 ha)</b>		
	<b>A</b>	24°33'14.49"N	82°57'26.10"E
	<b>B</b>	24°33'17.75"N	82°57'37.51"E
	<b>C</b>	24°33'09.03"N	82°57'41.07"E
	<b>D</b>	24°33'04.36"N	82°57'45.23"E
	<b>E</b>	24°33'00.00"N	82°57'35.40"E
	<b>F</b>	24°33'00.22"N	82°57'34.91"E
	<b>G</b>	24°33'10.77"N	82°57'26.35"E

**Minutes of 575<sup>th</sup> SEAC-1 Meeting Dated 24/09/2021**

	<b>H</b>	24°33'11.19"N	82°57'27.20"E
17. Total Geological Reserves	4,85,820 m <sup>3</sup>		
18. Total Mineable Reserves	2,59,104 m <sup>3</sup>		
19. Proposed Production/year (as per LoI)	2,59,104 m <sup>3</sup>		
20. Total Production (5 Years)	12,95,520 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1036.42 m <sup>3</sup> /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	66		
27. No. Of vehicles movement/day	86		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	3.0 m		
30. Nearest metaled road from site	130 m		
31. Water Requirement	<b>Purposes</b>	<b>Requirement (KLD)</b>	
	Drinking	0.66	
	Suppression of dust	0.55	
	Plantation	11.53	
	Others (if any)	0.00	
	<b>Total</b>	<b>12.74</b>	
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	357/ Khanij /2021 dated 29 <sup>th</sup> January 2021		
35. Length and breadth of Haul Road	Length 130 m, Width 6.0 m		
36. Proposed CER Cost	2,32,762/-		
37. Proposed EMP Cost	Rs. 7,50,281/-		
38. No. of Trees to be planted	7203 Trees		

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

**RESOLUTION AGAINST AGENDA NO-02**

**The committee noted that complaint letters of ShriGauravSrivastava, Advocate, Mob.: 8800852235 have been received by the committee members.**

**The committee decided to share the aforesaid complaint letters with the Project Proponent/ Consultant. The Project Proponent/ Consultant mentioned that these complaints are baseless, and they will be able to give a written reply regarding the aforesaid complaints today itself i.e., 24-09-2021. The committee deliberated that the case shall be taken after receiving a satisfactory reply in this regard.**

The Project Proponent/ Consultant has submitted a points-wise reply to that of the complaint made by the Complainant. The pointwise details are given below:

**Minutes of 575<sup>th</sup> SEAC-1 Meeting Dated 24/09/2021**

<b>Sl No.</b>	<b>Complaint Letter</b>	<b>Reply</b>
1	That notice of public hearing was advertised in newspaper daily on 14.07.2021 inviting therein any objections related to the environment for setting of the captioned project within 30 days of the advertisement.	No response Required. This is as per the provision of EIA notification, 2006 (as amended).
2	That the public hearing of the captioned project was conducted on 18.08.2021 and the proceedings of the public hearing dated 18.08.2021 has been posted on the website. Surprisingly, the proceedings makes a categorical averment that no objections had come to the concerned offices within the stipulated time in pursuance of the advertisement of the public hearing dated 14.07.2021	The notice of public hearing was advertised in daily newspaper dated 14.07.2021 accordingly the 30 days' notice period ends on 12.08.2021. therefore the contention raised by the complainant was ill-founded and misrepresentation of fact that his complaint has not been represented in PH minutes moreover the minutes released by RO, Sonbhadra, UPPCB, in Page no 01 Para 01 says "... no objection related to the project was not received during the stipulated time period..." this statement is also supported by complainant in point no 03 page 02 of complaint
3	That it is relevant to note here that the undersigned had sent objections related to environment qua the captioned project vide email dated 13.08.2021. The objections were also sent via speed post on 14.08.2021. The said objections were sent to the official email address and postal address of Regional Officer UPPCB, Sonbhadra, District Magistrate Sonbhadra and Chairman SEIAA, UP. A copy of the said letters (along with postal receipts) and emails (screenshots) are annexed herewith as Annexure No.1 (Collectively)	
4	That the above mentioned Annexure No.1 makes it evident that the objections had been duly sent before the stipulated time and also before the date of public hearing. However, for the reasons best known to the authorities conducting the public hearing, the said duly served objections have not been taken note of, and the public hearing has been proceeded with in a mechanical manner, without application of mind. On perusal of the objections, it will be clear that the said objections interalia even question the very authority of SEIAA to conduct the EIA study in view of the EIA notification of 14.09.2006 (note to schedule) and orders of the Hon'ble NGT. The contents of the said emails/letters may be considered as part and parcel of the present letter as the objections have not been taken note of in the Public Hearing. The said contents are not being repeated here for the sake of brevity.	<p>The complaint is trying to mislead the Hon'ble empowered committee by making frivolous complains.</p> <p>However if the compliant was really concerned about the environmental aspect of the project he could have presented this written complain during the conduct of PH on 18.08.2021 which he willfully failed to do.</p> <p>The complaint is unnecessary try to shift the burden of his willfully ignorance of due process of law on the action of authorities established by law.</p>
5	The Term of Reference (TOR) nos. 13 and 14 given in the captioned project also assumes significance. Term no. 13 says interalia that the project does not fall in the Critically Polluted Area (CPA) as per the minutes of joint meeting of	As per the notification S.O. 1599(E), dated 25.06.2014 states that the application of general conditions for any project or activity specified in category 'B' will be appraised at the central level,



	<p>SEIAA and SEAC, UP dated 06.01.2021 in Appeal No. 04/2020. Term no. 14 provides that TOR will be subject to the final order of Hon'ble NGT in the R.A. No. 07/2021 in appeal 04/2020. It implies that the committee was aware of the pendency of the RA No. 07/2021. Now the Hon'ble NGT vide order dated 02.08.2021 passed in RA No. 07/2021 held that, "As per para 4.2.1, Singrauli area consists of Dala-Tora, Obra, Renukoot, Anpara, Renusagar, kakri, Dudhichuwa, Bina, Khadia, Shakti Nagar, Rihand Nagar and Bipur &amp; MP-State, consisting of Vindhyaachal Nagar, Jayant, Nigahi, DUDhichuwa, Amlohari and Jhingurdah. The said Area is CPA." It was further held that, "Once the critically area is known, absence of the scaled map may not be the handicap, as stated. The revenue boundary can be verified from the available revenue maps and distance of the project from such outer boundary can be measured." Thus, it essentially implies that the boundary of CPA would be the revenue boundary of that Area. The captioned project is proposed within Tehsil-Obradistrict-Sonebhadra, which admittedly is in CPA as it falls within the revenue boundary of CPA, a fact that should have been brought to notice. Therefore, general condition of EIA Notification 14.09.2006 would be applicable on the said captioned project and the same should be appraised at Central Level as Category 'A' project.</p>	<p>as Category 'A' if location in whole or in part within 5 km from the boundary of : (i) ...; (ii) <i>Critically Polluted areas as identified by the CPCB constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time; (iii)...</i>"</p> <p>As per the affidavit submitted by the project proponent and along with the CEPI map our project site is beyond 5 km from the areas mentioned by the complaint in point 5. (Annex to Point 5)</p> <p>The committee while scoping the project at TOR stage has properly scoped the proposal and issued TOR. It is further stated that as per notification S.O.3977(E) dated 14.08.2018 general condition does not apply for project or activity of minor minerals. Also, the project has been scoped as per the cluster certificate of category B1 issued by DMO, Sonbhadra dated 29.01.2021</p>
6	<p>That mere providing a TOR condition that the TOR would be subject to final order of Hon'ble NGT in RA No. 07/2021 will not suffice as the appraisal is being done for studying the environmental impact which would take place once the project is established and operated. The standard of special measures to be taken or proposed in case of a project situated in CPA would invariably be of a higher degree than that of a category B project situated outside CPA. A higher degree of responsibility is put is apparent from the very fact that the general condition of EIA makes it mandatory that Category B project falling within CPA is to be appraised at Central Level as Category 'A' project. It is an established fact that EIA study is done in pursuance of the celebrated principles of Sustainable Development and Precautionary Principle in the interest of environment. In</p>	<p>The wisdom and technical competence of Hon'ble SEAC committee which is appointed by MoEF&amp;CC, under the provision of EIA notification, 2006 (as amended till date) is willfully alleged by the complaint.</p> <p>It is again reiterated that, as per the notification S.O. 1599(E), dated 25.06.2014 states that the application of general conditions for any project or activity specified in category 'B' will be appraised at the central level, as Category 'A' if location in whole or in part within 5 km from the boundary of : (i) ...; (ii) <i>Critically Polluted areas as identified by the CPCB constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time; (iii)...</i>"</p>

	the present case, however, the whole exercise of EIA study appraisal by SEIAA and holding a vitiated public hearing, as stated above, is bad in law and is also in direct conflict of the principles of Sustainable Development and Precautionary Principle. The conditional TOR conditions that TORs would be subject to final order of Hon'ble NGT in a particular case is also violative of Precautionary Principle as the environment is at stake and it is not a right in personam which is at stake.	As per the affidavit submitted by the project proponent and along with the CEPI map our project site is beyond 5 km from the areas mentioned by the complaint in point 5. (Annex to Point 5)
7	That as a natural corollary of the project being treated to be situated outside the CPA is that the special measures which ought to have been there as TOR and otherwise to deal with the projects situated in CPA are conspicuous by their absence in the present EIA appraisal	The Hon'ble SEAC committee while granting TOR has already resolved in point no 13 of TOR that " <i>The TOR will be subject to the final order of Hon'ble NGT in the RA No. 07/2021 in appeal no. 04/2020, AbhinavGramodyog&amp;SevaSansthan V/s SEIAA, UP&amp;Ors.</i> " The same in EIA has also been "noted and agreed" under the TOR compliance section by project proponent.
8	It also needs to be strictly verified that how that consultant LAB, which is located in Kolkata was able to carry out the analysis during entire months of March/April/May when state elections were on going in west Bengal during those months,	There is not restriction imposed by MoEF&CC for any lab to perform monitoring in any part of country. Moreover association of this lab is well recognized and approved by NABET. The contention of complainant is irreverent and ill-founded as there were no travel restrictions on movement public or private transports and also no restriction imposed by election commissioner to conduct studies in other states.
9	The enclosed objections sent to RO, UPPCB, Sonebhadra with a copy to the DM, Sonebhadra would demonstrate to you the strong possibility of forgery and manipulation in the primary data and frivolous nature of analysis being used to address environmental concerns of a critically polluted area, which requires penal action against persons undertaking this malpractice.	The allegation leveled by by complainant to malign the credibility of authorities established by Law is ill-founded and the study was conducted as per the process stipulated in EIA Notification and ToR issued by Hon'ble Committee.

**After detailed analysis, the committee did not find any merit in the complaint and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to these minutes. The committee also stipulated the following specific conditions:**

1. Project Proponent/Consultant should explore the possibilities of Solar light and water Conservation/harvesting around the mining site/area.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.

**3. Sand/Morrum Mining from Sukhani River at Gata No.-1984 mi & 01, Village- Dhawakar/ Sitaura, Tehsil- Mauranipur, District- Jhansi, U.P. Shri Dinesh Kumar Rajpoot, Area-09.0 ha File No. 6545/ 5579 Proposal No. SIA/UP/MIN/ 67051/2020**

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

1. The environmental clearance is sought for Sand/Morrum Mining from Sukhani River at Gata No.- 1984 mi & 01, Village- Dhawakar/ Sitaura, Tehsil- Mauranipur, District- Jhansi, U.P. Shri Dinesh Kumar Rajpoot, Area-09.0 ha
2. The terms of reference were issued by SEIAA, U.P. Ref. No.: 113/Parya/SEAC/5579/2019 Dated 08 June 2020. The public hearing was organized on 13-07-2021.

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

3. Sanction features of the project as submitted by the project proponent.			
1. On-line proposal No.	SIA/UP/MIN/67051/2020		
2. File No. allotted by SEIAA, UP	6545/5579		
3. Name of Proponent	Shri Dinesh Kumar Rajpoot		
4. Full correspondence address of proponent and mobile no.	Shri Dinesh Kumar Rajpoot S/o ShriManoharLalRajpoot Proprietor- Shri Dinesh Kumar Rajpoot H. No. Mo. Parwaripura, Mauranipur, Jhansi, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1984 Mi. & 01		
7. Name of River	Sukhnai		
8. Name of Village	Dhawakar/ Sitaura		
9. Tehsil	Mauranipur		
10. District	Jhansi		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	9.0 ha		
13. Mineable Area (in ha)	7.85 ha		
14. Zero level mRL	183 mRL		
15. Max. & Min mrl within lease area	190 mRL and 187 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°16'16.00"N	79°11'52.00"E
	B	25°16'18.40"N	79°11'51.40"E
	C	25°16'28.50"N	79°12'18.10"E
	D	25°16'32.60"N	79°12'32.70"E
	E	25°16'38.90"N	79°12'41.80"E
	F	25°16'37.50"N	79°12'43.70"E
	G	25°16'34.30"N	79°12'41.50"E
	H	25°16'30.00"N	79°12'34.10"E
	I	25°16'28.50"N	79°12'26.40"E
	J	25°16'27.50"N	79°12'21.60"E

**Minutes of 575<sup>th</sup> SEAC-1 Meeting Dated 24/09/2021**

17. Total Geological Reserves	67,500 m <sup>3</sup>	
18. Total Mineable Reserves in LOI	35,000 m <sup>3</sup> /year	
19. Total Proposed Production	35,000 m <sup>3</sup> /year (1,75,000 m <sup>3</sup> in 05 years)	
20. Proposed Production/year	35,000 m <sup>3</sup>	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	127.27 say 128 m <sup>3</sup> /day	
23. Method of Mining	<b>Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM &amp; SSMG, 2016) using:</b> <ul style="list-style-type: none"><li>• Scraper/light earth movers</li><li>• Chain based Bulldozer for rescue &amp; salvage</li><li>• Loader</li><li>• Truck &amp; tractors for transportation</li></ul>	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. of workers	Approximately 62 labours	
27. No. of vehicles movement/day	8.5 say 9 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 42(Hamirpur–Gursarai–Jhansi Marg)- 2.5 km (NW)	
31. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>
	Drinking	0.52
	Suppression of dust	21.28
	Plantation	0.023
	Others (Stored water)	0.10
	<b>Total</b>	<b>21.92 KLD</b>
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1821/SA 102 and Valid till 02/12/2021.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by District Mines Officer, Jhansi Letter No. 1626/30MMC/(2019-20) dated 03/02/2020	
35. Details of Lease Area in approved DSR	Page 53, Sl. No. 15 (as per corrigendum issued vide letter no. 748/30MMC/2021-22 dated 25.09.2021 issued by Senior Mines Officer, Jhansi)	
36. Proposed CER cost	2% of total project cost i.e. Rs. 14,04,418/-	
37. Proposed EMP cost/ Total Project Cost	Rs. 43,77,171/- & 7,02,20,904/- respectively	
38. Length and Width of Haul Road	Unpaved Length 0.62 km and Paved Length 1.52 km and 6 m width	
39. No. of Trees to be Planted	45	

- The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
- The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.
- 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-03**

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the minutes. The committee also stipulated the following specific conditions:

1. Project Proponent/Consultant should explore the possibilities of Solar light and water Conservation/harvesting around the mining site/area.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.

**4. Stone Mining at Gata No.-23, Khand No.-07, Village-Dasna, TehsilMoth, Jhansi., Smt. AnupamaYadav., Area-2.00 ha., File No. 6431Proposal No. SIA/UP/MIN/ 217767/2021**

The project proponent through letter dated 24/09/2019 requested to defer the matter in the coming SEAC-1 meeting. The committee discussed the matter and directed to defer the matter as per the request made by the project proponent. The file shall not be treated as pending at SEAC-1. The matter will be discussed only after the submission of the online request on the prescribed online portal.

**5. Red Morrum Mine at Gata No.-2232, Khand No.04, Village-Jhansi, U.P., Smt. RaginiDubey, Area-0.8090 ha, File No. 6432Proposal No. SIA/UP/MIN/ 217783/2021**

The committee discussed the matter and noted that no responsible person was present from the Project Proponent side at the time of presentation. Hence the committee refused to take up the matter and directed to defer the matter for the next SEAC-1 meeting. The file shall not be treated as pending at SEAC-1. The matter will be discussed only after the submission of the request letter on the prescribed online portal to take up the matter in the next meeting.

**6. Stone Mining at Gata No.-449/1, Village-Thana, Tehsil &DistrictMahoba., ShriJainendra Singh., Area-0.684 ha, File No. 6435Proposal No. SIA/UP/MIN/ 216061/2021**

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

1. The environmental clearance is sought for Stone Mining at Gata No.-449/1, Village-Thana, Tehsil & District Mahoba., ShriJainendra Singh., Area-0.684 ha
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/216061/2021
2. File No. allotted by SEIAA, UP	6435
3. Name of Proponent	M/s Jainendra Singh Construction Proprietor- ShriJainendra Singh S/o-ShriShyam Singh
4. Full correspondence address of proponent and mobile no.	R/O- Village – TikamauDist: Mahoba (U.P.).
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitty) Mine
6. Project location (Plot/Khasra/Gata No.)	Gata No. 449/1
7. Name of River	NA
8. Name of Village	Thana

**Minutes of 575<sup>th</sup> SEAC-1 Meeting Dated 24/09/2021**

9. Tehsil	Mahoba		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitty) Mine		
12. Sanctioned Lease Area (in Ha.)	0.684 Ha.		
13. Mineable Area (in Ha.)	0.4704 Ha. (safety margin 0.2136 Ha)		
14. Zero level mRL	187 m		
15. Max. & Min mRL within lease area	The highest and lowest point in the leasehold is 194mRL and 188mRL.		
16. Pillar Coordinates (Verified by DMO)	<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>
	A	N25°18'56.770"	E79°57'15.484"
	B	N25°18'56.534"	E79°57'17.146"
	C	N25°18'55.709"	E79°57'18.428"
	D	N25°18'54.857"	E79°57'18.335"
	E	N25°18'53.773"	E79°57'17.226"
	F	N25°18'54.385"	E79°57'15.166"
	G	N25°18'55.231"	E79°57'14.597"
17. Total Geological Reserves	1,94,142 m <sup>3</sup>		
18. Sanctioned Quantity as per LOI	33,800 m <sup>3</sup> per year		
19. Total Proposed Production (for two year)	67,600 m <sup>3</sup> for 2 years		
20. Proposed Production/year	33,800 m <sup>3</sup> per year		
21. Sanctioned Period of Mine lease	10 Year		
22. Production of mine/day	112.67 m <sup>3</sup> /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	Approximately 19 workers		
27. No. Of vehicles movement/day	Approximately 8-10 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)		
28. Type of Land	Government Land (rocky Barren)		
29. Ultimate Depth of Mining	6 m		
30. Nearest metalled road from site	NH-76 is about 3.15 km towards North-West direction from the project site.		
31. Water Requirement	<b>PURPOSE</b>	<b>REQUIREMENT (KLD)</b>	
	Drinking	0.29 KLD	
	Suppression of dust	4.8 KLD	
	Plantation	0.338 KLD	
	Others (if any)	-	
	<b>Total</b>	<b>5.4 KLD approx.</b>	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P.) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 December 2022		
33. Any litigation pending against the project or land in any court	NO		
34. Details of 500 m Cluster Map &	Letter No. 8117/M.M.C-30/2020-21, on Dated		

certificate issued by Mining Officer	11/02/2021
35. Details of Lease Area in approved DSR	Letter No. - 154/MMC- 30-Khanij (2021-22) on dated- 12/05/2021
36. Proposed EMP cost	Rs 27,65,340/-
37. Proposed Total Project cost	Rs. 80,00,000/-
38. Length and breadth of Haul Road	200 m length and 6 m width
39. No. of Trees to be Planted	338

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

**RESOLUTION AGAINST AGENDA NO-06**

**The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to the minutes. The committee also stipulated the following specific conditions:**

1. The project proponent shall install solar light in their site office.
2. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
11. The project proponent should explore the possibilities of rainwater harvesting.

**7. Sand Mining from Ganga River bed at Khand No.-12, Village-KatariTariPathakpur, Bilhaur,Kanpur Nagar.,ShriAnkitSachan,Area-22.0 Ha, File No. 6438 Proposal No. SIA/UP/MIN/ 64517/2021**

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

1. The Terms of References are sought for Sand Mining from Ganga River bed at Khand No.-12, Village-KatariTariPathakpur, Bilhaur,Kanpur Nagar.,ShriAnkitSachan,Area-22.0 Ha.

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

1.	File No. allotted by SEIAA, UP	6438																		
2.	Name of Proponent	M/s Anthracite Infra Pvt. Ltd. Prop. ShriAnkitSachan																		
3.	Full correspondence address of proponent and mobile No.	<b>Registered Address:</b> Flat No. 706 7th Floor, Rohit Residency 4C VikalpKhand, Gomati Nagar, District – Lucknow, Uttar Pradesh. <b>Mobile No-</b> <b>Email-</b>																		
4.	Name of Project	Proposed riverbed Ordinary Sand																		
5.	Project location (Plot/Khasra/Gata No.)	Gata No: 12 Lagayat 57 Tak																		
6.	Name of River	Ganga																		
7.	Name of Village	KatariTariPathakpur																		
8.	Tehsil	Bilhaur																		
9.	District	Kanpur Nagar																		
10.	Name of Minor Mineral	Ordinary Sand																		
11.	Sanctioned Lease Area (in Ha.)	22.0																		
12.	Max & Min mRL within lease area	Max- 115 mRL and Min- 113.8 mRL																		
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>26°41'20.46"N</td><td>80°11'38.83"E</td></tr> <tr> <td>B</td><td>26°41'20.99"N</td><td>80°11'57.53"E</td></tr> <tr> <td>C</td><td>26°41'5.92"N</td><td>80°11'56.59"E</td></tr> <tr> <td>D</td><td>26°41'10.66"N</td><td>80°11'34.34"E</td></tr> <tr> <td>E</td><td>26°41'20.46"N</td><td>80°11'38.83"E</td></tr> </tbody> </table>	Pillar No.	Latitude	Longitude	A	26°41'20.46"N	80°11'38.83"E	B	26°41'20.99"N	80°11'57.53"E	C	26°41'5.92"N	80°11'56.59"E	D	26°41'10.66"N	80°11'34.34"E	E	26°41'20.46"N	80°11'38.83"E
Pillar No.	Latitude	Longitude																		
A	26°41'20.46"N	80°11'38.83"E																		
B	26°41'20.99"N	80°11'57.53"E																		
C	26°41'5.92"N	80°11'56.59"E																		
D	26°41'10.66"N	80°11'34.34"E																		
E	26°41'20.46"N	80°11'38.83"E																		
14.	Total Geological Reserves	5,86,262 cum																		
15.	Total Mineable Reserves in LOI	3,52,000 cum																		
16.	Total Proposed Production	3,52,000 cum																		
17.	Proposed Production/year	3,52,000 cum																		
18.	Sanctioned Period of Mine lease	5 years																		
19.	Production of mine/day	1354																		
20.	Method of Mining	Open Cast Semi-mechanized Method																		
21.	No. of working days	260 days																		
22.	Working hours/day	8 hrs																		
23.	No. of workers	65																		
24.	No. of vehicles movement/day	102																		
25.	Type of Land	Government waste land																		
26.	Ultimate Depth of Mining	1.752																		



**Minutes of 575<sup>th</sup> SEAC-1 Meeting Dated 24/09/2021**

27.	Nearest metalled road from site	1.0 km	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.65
		For mobile toilet	0.65
		Suppression of dust	9.1
		Plantation	1.0
		Others (if any)	-
		Total	11.4
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes given by the Mining officer	
32.	Details of Lease Area in approved DSR	Yes the area is in DSR	
33.	Proposed CER cost	Rs 2,01,000 /-	
34.	Proposed EMP cost	Rs 9,77,500 /-	
35.	Length and breadth of Haul Road	Length: 0.57 km, width: 6 m	
36.	No. of Trees to be Planted	500 plants	

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

**RESOLUTION AGAINST AGENDA NO-07**

**The committee discussed the matter and recommended to issue the terms of References (ToR) for the preparation of EIA as annexed at annexure-3. The committee also stipulated the following additional ToR:**

1. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

**8. Group Housing "Eros Sampooranam" at Plot No.-01, Sector-02, Greater Noida., M/s Ajay Enterprises Pvt. Ltd., File No. 5992 Proposal No. SIA/UP/NCP/ 58619/2020**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The Project Proponent/ Consultant also submitted that, Environment Clearance was issued vide letter no. 545/SEAC/540/2010 dated 27th January 2011 and the Extension of validity was obtained vide letter no. 366/Parya/SEAC/540/2018) dated 26th September 2018 which was to expire on 26/01/2021. Hence, they made an online application vide proposal no. SIA/UP/NCP/58619/2020 for grant of ToR's on 26/11/2020. Tor's was issued vide letter no 783/Parya/SEIAA/5992/2020 dated 02/3/2021. Further, they made an online application for grant of fresh Environment Clearance for the said project on 09/7/2021.

**RESOLUTION AGAINST AGENDA NO-08**

The committee discussed the matter and directed Project Proponent/ Consultant to present the digital photographs of building, STP etc. Project Proponent/ Consultant requested to consider the matter in the next coming meeting. The committee asked Project Proponent/ Consultant to present these before the committee in its next meeting.

On the request of Project Proponent/ Consultant the committee directed to take up this case in the first or second week of October, 2021. Based on documents, photographs etc. the committee will take appropriate decision.

**9. Hotel Project at Plot No.- TC-25 V & 26 V, VibhutiKhand, Gomti Nagar, District- Lucknow, U.P. M/s Luxus Hospitality Pvt.Ltd.File No. 6509 Proposal No. SIA/UP/MIS/ 66785/2021**

The committee was informed by the Project Proponent that initially an application vide Proposal No. SIA/UP/MIS/206423/2021; dated 07/04/2021 was made in the name of *construction of Proposed Hotel Project at Plot No. TC – 25V & 26 V, VibhutiKhand, GomtiNagar, Distt – Lucknow (UP) by M/s Luxus Hospitality Pvt. Ltd.* for environmental clearance. The case was considered in 548th SEAC (joint meeting of SECA-1 & SEAC-2)dated 09-07-2021 wherein the committee deliberated that

**“The project proponent/consultant did not appear. The committee discussed and deliberated that the 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.”**

The Project Proponent further informed the committee that due to some technical reasons and prevalence of some unavoidable circumstances they were unable to present their case before the committee in 548th SEAC (joint meeting of SECA-1 & SEAC-2 ) dated 09-07-2021 nor they were able to explain before the committee regarding the ongoing activities and construction status of the aforesaid project.

The Project Proponent also informed the committee that on 20-08-2021, they came to the knowledge of the violation window of Parivesh portal of MoEF&CC and is opened to accept all the cases under violation category, immediately they applied for the grant of ToR under violation category for the same project vide Proposal no. SIA/UP/MIS/66785/2021 dated 20/08/2021 and thereafter they made an online request to withdraw the previous application Proposal No. SIA/UP/MIS/206423/2021; dated 07/04/2021 which was accepted by SEIAA,UP on 25-08-2021 & is exhibited on Parivesh portal.

The case of Proposal no. SIA/UP/MIS/66785/2021 was considered in the 575<sup>th</sup> SEAC-1 meeting on 24-09-2021 wherein, the Project proponent informed the committee about the ongoing construction activities and the status of the project.

The committee was informed by the Project Proponent that approximately 89% of construction work has already been completed without obtaining prior environmental clearance and Rs. 27,04,99,600/- has been incurred in the project as per the Chartered Accountant Certificate dated: 14/08/2021 submitted by the project proponent.

The committee observed that as per clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021 under Penalty provisions for violation cases and applications: For New Projects: Where operation has not commenced: 1% of the total Project Cost incurred upto the date of filing of application along with EIA/EPM Report has to be imposed on the project proponent. However, as per clause 12.2 of OM Dated 07/07/2021 the percentage rates, as above, shall be halved if the Project Proponent suo-moto reports such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.

The committee was informed by the Nodal Officer that as per records available with Directorate and written communication by all concerned in the directorate, no complaint has been received

in the Directorate of Environment UP till this date of meeting against the said project regarding starting of construction work at site without obtaining prior environmental clearance.

The Project proponent has submitted Project Cost Certificate issued by Chartered Accountants, Prabhat Kumar Tandon dated 14/08/2021 stating the total estimated project cost is Rs. 180.00Crores and the total expense incurred as of date 14/08/2021 is 27,04,99,600/-

In view of the above, Committee recommended to impose a penalty of Rs. 13,52,498/- (0.5% of total project cost incurred up to 14/8/2021) on project proponent which has to be deposited with UPPCB before filling of EIA Report. In case it comes to notice of SEIAA/ SEAC that any complaint is received from any person/institution/departments/organization prior to the suo-moto declaration of the project proponent then penalty will be increased to 1% as per SoP/OM dated 7<sup>th</sup> July 2021.

The committee also directed the project proponent to stop the operation at the site with immediate effect until the Environment Clearance is granted.

A presentation was made by the project proponent along with their consultant. Based on documents submitted and presentation made by Project Proponent/ consultant ( M/s Environmental & Technical Research Centre), the following facts have emerged:-

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

1. The terms of references are sought for the proposed " Hotel Project "at Plot No. TC – 25V & 26V, Vibhuti Khand, Gomti Nagar, Distt – Lucknow (UP), M/s Luxus Hospitality Private Limited.

**2. Salient features of the project**

**3.**

Item	Details
Name and Location of the project	Proposed" Hotel Project "at Plot No. TC – 25V & 26 V, Vibhuti Khand, Gomti Nagar, Distt – Lucknow (UP)
Developers of the project	M/s Luxus Hospitality Private Limited
Total Plot Area	7517.78 sqm. (0.751778 Hectares approx.)
Built-up Area	39040.64 sqm
Total Water Requirement	205 KLD
Power Requirement	2560 KVA (From State Electricity Board)
Power Backup	DG set of total capacity 1x1500 KVA + 1x1500 KVA
Total Parking Proposed	Parking Proposed – 259 ECS
Solid Waste to be Generated	0.27 T /Day – Municipal waste & 4 kg/day – Horticulture waste will be generated
Total Project Cost	180.0 Crores
Solar Lights	23 KW

**4. Area details of the project:**

S.No.	Particulars	Details
A	Total Land	7517.78 m <sup>2</sup>
B	Permissible Ground Coverage (@ 40% of plot area)	3007.11 m <sup>2</sup>
C	Achieved Ground Coverage (@ 37.74 % of plot area)	2837.35 m <sup>2</sup>
D	Total permissible FAR (including purchasable FAR @ 2.66)	19997.295 m <sup>2</sup>

E	Total Proposed FAR	19625.18 m <sup>2</sup>
F	Non-FAR Area (Basement + Service Floor + Mumty / Machine room + Fire tower)	19415.46 m <sup>2</sup>
G	Number of basements	03 nos
H	Basement Area	16249.455 m <sup>2</sup>
I	Service floor area	2611.980 m <sup>2</sup>
J	Required Parking	235 ECS
K	Proposed Parking	259 ECS
L	Required Landscape Area	751.78 Sqm
M	Proposed Landscape Area	1118.36 Sqm
N	Total Built-up Area	<b>39040.64 sqm</b>
O	Number of rooms	180 nos
P	Banquet and conference room area	1666.80 sqm

**5. Land usedetails:**

Sr.	Particulars	Area (Sqm)	%ofTotalPlot
01	CoveredArea	2837.35	37.74%
02	Road,PavedandOpenArea	3562.07	47.38 %
03	LandscapeArea	1118.36	14.88%
<b>TotalLand Area</b>		<b>7517.78</b>	<b>100 %</b>

6. The total quantity of water required for the proposed “Hotel Project” will be 205 KLD out of which the Fresh Water requirement of 165 KLD would be met from the Bore wells. 170 KLD waste water will be generated from the project which shall be treated in a Sewage Treatment Plant of capacity 210 KLD. Recycled water as received from STP after tertiary treatment i.e. 38 KLD water for flushing, 75 KLD for Cooling and 2 KLD water for horticulture use.
7. Operation Phase: The waste water generated from the proposed “Hotel Project” 170 KLD would be treated in the STP capacity of 210 KLD. Recycled water shall be used after tertiary treatment i.e. 38 KLD water for flushing, 75 KLD for cooling water & 2 KLD for Horticulture. Excess treated water will be discharge into the sewer.
8. Rainwater harvesting details:
  - I. Rain water harvesting has been designed as per the guidelines of CGWA.
  - II. 01 No rain water harvesting structure will be provided considering peak hourly rainfall has been considered as 60 mm/hr.
  - III. The recharge pit of diameter 3.0 m and depth of 2.0 m will be constructed for recharging ground water.
  - IV. The bottom of the recharge structure will be kept 5 m above the ground water level.
  - V. At the bottom of the shaft, a filter media is provided to avoid choking of the recharge well.
  - VI. Rain water from the recharge structure will permeate through filter media and undergoes further filtration before it joins the water table.
  - VII. Over flow of rain water harvesting pits, will be collected in Detention tank, which will be utilized for Cooling and Horticulture purposes during monsoon season.

**9. Solid waste generation details:**

Sr. No.	Particular	Proposed Occupancy	Area (in Sqm)	Waste Generated per kg/day	Waste Generation (kg)
1	Total population	1366	-	0.25	341.5
	Staff population	325	-	0.15	48.75

2	LandscapeArea		1127.6	0.0037kg/sqm/day	4.17
Total					394.42
TotalSolidWasteGeneration=394.42 Kg/day(341.5 +48.75 +4.17 kg/daySTPsludge)					

10. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended on 08/03/2018 and 07/07/2021 for the violation project).

**RESOLUTION AGAINST AGENDA NO-09**

**The committee discussed the matter in view of the MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended to issue the following terms of reference (TOR) for the preparation of the Environment Impact Assessment Report:**

1. The committee prescribed specific Terms of Reference for the project on the assessment of ecological damage, remediation plan and natural and the community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.
2. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The Quantum shall be recommended by the SEAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority.
3. Uttar Pradesh Pollution Control Board to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
4. Assessment of ecological damage with respect to air, water land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
5. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
6. Status report regarding construction/development work has already taken up.
7. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
8. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
9. Examine baseline environmental quality along with projected incremental load due to the project.
10. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
11. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
12. Submit the details of the trees to be felled for the project.
13. Submit the present land use and permission required for any conversion such as forest, agriculture etc.

14. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
15. Ground water classification as per the Central Ground Water Authority.
16. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
17. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
18. Examine soil characteristics and depth of ground water table for rainwater harvesting.
19. Examine details of solid waste generation treatment and its disposal.
20. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
21. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
22. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. The plan should include the provision of link road from mining area to main road with black topping to prevent air pollution due to dust emission. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
23. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
24. Examine the details of transport of materials for construction which should include source and availability.
25. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
26. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
27. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
28. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
29. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures
30. There should be provision of temporary shelters for workers with provision of potable drinking water, toilet facility separate for men and women to prevent and stop open defecation at project site.
31. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Townships>".

**10. Manufacturing of Synthetic Organic Chemicals (API/Bulk Drugs/ Pharmaceutical Products) at Plot No.- G-3, G-4, H-41, H-42, H-43, H-44, UPSIDC Industrial Estate Jamour, Shahjahanpur., M/s OrganoChem (India) File No. 6244 Proposal No. SIA/UP/MIS/ 204939/2021**

The committee examined the project proposal and found that the list of products and their respective quantities were mentioned in form-1 submitted by the Project proponent/consultant. However, SEAC inadvertently did not include this list of products for the grant of environmental clearance. The

committee recommends the grant of environmental clearance with the list of products and their respective quantities as mentioned in form-1. Inconvenience is regretted.

The committee was brought into the notice that the case was considered in 481st Meeting of the State Level Environment Impact Assessment Authority, UP (SEIAA) held on 05.8.2021 wherein, “SEIAA gone through the letter of the project proponent dated 30.06.2021 requesting inclusion of the 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.”

**RESOLUTION AGAINST AGENDA NO-10**

The committee examined the project proposal and found that the list of products and their respective quantities were mentioned in form-1 submitted by the Project proponent/consultant. However, SEAC inadvertently did not include this list of products for the grant of environmental clearance. The committee recommends the grant of environmental clearance with the list of products and their respective quantities as mentioned in form-1 is given below. Rest all the contents shall remain the same as mentioned and recommended in the minutes of the 544<sup>th</sup> SEAC Meeting dated 04.6.2021. Inconvenience is regretted.

<b>Sr. No.</b>	<b>Product Name</b>	<b>CAS No.</b>	<b>Quantity MT/Month</b>
1.	Mefenamic Acid	61-68-7	20
2.	Aceclofenac	89796-99-6	70
3.	Benfotiamine HCl	22457-89-2	10
4.	Chloramphenicol	56-75-7	30
5.	Chloramphenicol Palmitate	530-43-8	30
6.	Chlorhexidine Dihydrochloride	55-56-1	20
7.	Chlorzoxazone	95-25-0	20
8.	Ciprofloxacin HCl	86393-32-0	20
9.	Citicoline Sodium	33818-15-4	5
10.	Folic Acid	59-30-3	5
11.	Hydroxocobalamin Acetate	22465-48-1	1
12.	Diclofenac Diethylamine	78213-16-8	22
13.	Diclofenac Potassium	15307-81-0	10
14.	Diclofenac Sodium	15307-79-6	50
15.	Domperidone	57808-66-9	5
16.	Erythromycin Stearate	643-22-1	22
17.	Esomeprazole Magnesium	217087-09-7	5
18.	Fenbendazole	43210-67-9	11
19.	Fluconazole	86386-73-4	15
20.	Guaiifenesin	93-14-1	15
21.	Ibuprofen	15687-27-1	65
22.	Ketoconazole	65277-42-1	15
23.	Levofloxacin	100986-85-4	20
24.	Febuxostat	144060-53-7	5
25.	Oxcarbazepine	28721-07-5	5

**Minutes of 575<sup>th</sup> SEAC-1 Meeting Dated 24/09/2021**

26.	Cyanocobalamin	68-19-9	1
27.	Metformin Acid	1115-70-4	75
28.	Methocarbamol	532-03-6	11
29.	Methylcobalamin	13422-55-4	1
30.	Metronidazole Benzoate	22916-47-8	42
31.	Montelukast Sodium	151767-02-1	5
32.	Niacinamide	98-92-0	60
33.	Ofloxacin	82419-36-1	20
34.	Ornidazole	16773-42-5	30
35.	Oxyclozanide	2277-92-1	10
36.	Paracetamol	103-90-2	80
37.	Pioglitazone HCl	112529-15-4	2
38.	Piroxicam	36322-90-4	20
39.	Pseudoephedrine HCl	345-78-8	14
40.	Pyrazinamide	98-96-4	50
41.	Rabeprazole Sodium	117976-90-6	4
42.	Albendazole	54965-21-8	3
43.	Telmisartan	144701-48-4	4
44.	TeneligliptinHydrobromide Hydrate	1572583-29-9	5
45.	Tramadol HCl	27203-92-5	14
46.	Vildagliptin	274901-16-5	5
47.	Methyl Salicylate	119-36-8	25
48.	Cloxacillin	61-72-3	10
49.	Gliclazide	21187-98-4	5
50.	Itraconazole	84625-61-6	5
51.	Ascorbic Acid	50-81-7	10
52.	Dicloxacillin Sodium	13412-64-1	14
53.	Silver Sulfadiazine	22199-08-2	10
54.	Erythromycin Estolate	3521-62-8	14
55.	Ampicillin Trihydrate	7177-48-2	78
56.	Amoxicillin Trihydrate	61336-70-7	78
	<b>STEROIDS</b>		
57.	BeclomethasoneDipropionate	5593-20-4	45
58.	Betamethasone Valerate	2152-44-5	50
59.	Dexamethasone Sodium Phosphate	2392-39-4	80
60.	Clobetasol Propionate	25122-46-7	90
61.	Methyl Prednisolone Acetate	53-36-1	100
62.	Prednisolone Acetate	52-21-1	120
63.	Methylprednisolone	83-43-2	160
64.	Prednisolone Sodium Phosphate	125-02-0	90
65.	Prednisolone	53-03-2	180
66.	MometasoneFuroateDipropionate	83919-23-7	200
67.	Deflazacort	14484-47-0	100



**11. Expansion of Existing Products including addition of New API/ Bulk drugs/ Pharmaceutical Products, at Plot No.- 35, 35/1 & 36, South Side of G.T. Road, Industrial Area, District-Ghaziabad, U.P., M/s Sara Exports Ltd. File No. 6255 Proposal No. SIA/UP/IND2/ 206483/2021**

The committee was brought into the notice that the case was considered in 481st Meeting of the State Level Environment Impact Assessment Authority, UP (SEIAA) held on 05.8.2021 wherein, “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.”

**RESOLUTION AGAINST AGENDA NO-11**

The committee examined the project proposal and found that the list of products and their respective quantities were mentioned in form-1 submitted by the Project proponent/consultant. However SEAC inadvertently did not include this list of products for the grant of environmental clearance. The committee recommends the grant of environmental clearance with the list of products and their respective quantities as mentioned in form-1 is given below. Rest all the contents shall remain the same as mentioned and recommended in the minutes of 544<sup>th</sup> SEAC Meeting dated 04.6.2021. Inconvenience is regretted.

**List of products**

S. No.	NAME OF PRODUCTS	Installed MT	QTY. Per M.T.	Batch Size KG	No of Batch	Batch Per day
1	MEFENAMIC ACID	20	20	1200	17	0.68
2	ACECLOFENAC	20	70	1000	70	2.8
3	2,6 DICHLORO PEHNOL	0	70	1200	58	2.32
4	AMBROXOL BASE	0	20	200	100	4.0
5	AMBROXOL HCL	0	10	200	50	2.0
6	BENFOTIAMINE HCL	0	10	200	50	2.0
7	CHLORAMPHENICOL	0	30	1500	20	0.8
8	CHLORAMPHENICOL PALMITATE	0	30	1700	18	0.72
9	CHLORHEXIDINE DIHYDROCHLORIDE	0	20	500	40	1.6
10	CHLOROZOXAZONE	50	20	950	21	0.84
11	CIPROFLOXACIN HCL	20	50	1200	42	1.67
12	CITICOLINE SODIUM	0	05	200	25	1.0
13	CLOSANTEL	0	15	500	30	1.2
14	DEFARASIROX	0	10	975	10	0.4
15	DICLOFENAC DIETHYL AMINE	25	22	1100	20	0.8
16	DICLOFENAC POTASSIUM	40	10	1400	7	0.28
17	DICLOFENAC SODIUM	75	50	1600	31	1.24
18	DOMPERIDONE	0	5	250	20	0.8
19	ERYTHROMYCIN STERATE	0	22	725	30	1.2
20	ESOMEPRAZOLE MAGNESIUM	0	05	150	34	1.36
21	FENBENDAZOLE	0	11	220	50	2.0
22	FLUCONAZOLE	0	15	500	30	1.2
23	GUAIFENESIN	0	50	200	250	10.0
24	IBUPROFEN	25	450	1620	278	11.0

**Minutes of 575<sup>th</sup> SEAC-1 Meeting Dated 24/09/2021**

25	KETOCONAZOLE	0	15	500	30	1.2
26	LEVOFLOXACIN	20	20	1200	17	0.68
27	LIDOCAINE HCL	0	20	415	48	1.92
28	LUMEFENTRINE	0	05	150	34	1.36
29	MELOXICAM	0	20	335	60	2.4
30	METFORMIN ACID	50	300	1500	200	8.0
31	METHOCARBAMOL	0	11	220	50	2.0
32	METHYLCOBALAMIN	01	01	20	50	2.0
33	METRONIDAZOLE BENZOATE	0	42	1400	30	1.2
34	MONTELUKAST SODIUM	0	05	100	50	2.0
35	NIACINAMIDE	0	60	1000	60	2.4
36	OFLOXACIN	20	20	1200	17	0.68
37	OLMESTRON	0	5	150	34	1.36
38	ORNIDAZOLE	10	50	600	83	3.33
39	OXYCLOZAIDE	0	10	250	40	1.6
40	PARACETAMOL	50	1200	6000	200	8.0
41	PIOGLITAZONE HCL	0	2	70	35	1.4
42	PIROXICAM	0	20	325	62	2.48
43	PSEUDOEPHEDRINE HCL	0	14	450	31	1.24
44	PYRAZINAMIDE	0	50	1000	50	2.0
45	RABEPRAZOLE SODIUM	0	4	80	50	2.0
46	SINDAFIL CITRATE	0	20	1000	20	0.8
47	TELMISARTON	0	4	80	50	2.0
48	TENLEGLIPTIN HYDROBROMIDE HYDRATE	0	5	140	36	1.44
49	THIAMINE HYDROCHLORIDE	0	15	500	30	1.2
50	TRAMADOL HCL	20	14	270	52	2.08
51	VILDAGLIPTIN	0	05	130	39	1.56

**Nodal SEAC-1**

(Dr. Ajai Mishra)  
**Member**

(Om Prakash Srivastava)  
**Member**

(Dr. Brij Bihari Awasthi)  
**Member**

(Umesh Chandra Sharma)  
**Member**

(Dr. RatanKar)  
**Member**

(Rajive Kumar)  
**Chairman**

**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 programme. 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, ZilaParisad/Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.

33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).

46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Specific Conditions:**

1. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity 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. Pakkamotorable 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, SO<sub>2</sub> and NO<sub>x</sub>. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
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., 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.
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.



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

**A. General Conditions:**

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

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

**B. Specific Conditions:**

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process

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

10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained.

The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.

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

35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
44. The blasting will be done only after getting permission from the Mining Department.

**Annexure-3**

**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 sectoralprogrammes 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.