

Minutes of 391st SEAC Meeting Dated 08/03/2019

The 391st meeting of SEAC was held in Directorate of Environment, U.P. on 08/03/2019 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Arvind Mathur,	Member
4.	Dr. Virendra Misra,	Member
5.	Dr. Pramod Kumar Mishra,	Member
6.	Shri Ramesh Chand Kataria,	Member
7.	Dr. Ajoy Kumar Mandal,	Member
8.	Shri Meraj Uddin,	Member
9.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 391st SEAC meeting.

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

1. Sand Mining at Ganga River Bed, Gata No.- 13Mi over an are of 5.3660 Ha., Village- Manpur Ahatmali, Teshil-Beeghapur, Distt: Unnao. File No. 4151/Proposal No. SIA/UP/MIN/ 73652/2018

Resolution against agenda no-01

The project proponent has presented the case as B-2 category. The committee gone through the MoEF&CC, Govt. of India O.M. dated 12/12/2018 and the decision was taken in joint meeting of SEIAA/SEAC dated 05/02/2019 that this case comes under the category B-1. Hence, the committee directed the project proponent to apply the case afresh in category B-1.

2. River Bed Sand Mining Project from Yamuna River located at Khand No.- 11/05 to 11/06, Village- Diya Uparhar, Tehsil- Manjhanpur, District- Kaushambi, U.P., Lease Area: 24.28 ha (59.97 acre). File No. 4165/ 4508/Proposal No. SIA/UP/MIN/ 29385/2018

The committee noted that the matter was earlier discussed in 365th SEAC meeting dated 17/10/2018 and directed to defer the matter in upcoming SEAC meeting as requested by the project proponent. The project proponent vide letter dated 06/02/2019 requested to list the matter in next SEAC meeting. Hence, the matter listed in 391st SEAC meeting dated 08/03/2019.

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

- 1- The environmental clearance is sought for River Bed Sand Mining Project from Yamuna River located at Khand No.- 11/05 to 11/06, Village- Diya Uparhar, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Lease Area: 24.28 ha).

- 2- Terms of reference in the matter were issued through SEIAA letter no. 39/Parya/SEAC/4165/2018, dated 25/04/2018.
- 3- Public hearing was organized on 24/09/2018.
- 4- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29385/2018 (Old No-SIA/UP/MIN/22709/2018)		
2. File No. allotted by SEIAA, UP	4508-4165		
3. Name of Proponent	M/S Jai Bajrang Traders Proprietor - Shri Pankaj Kumar		
4. Full correspondence address of proponent and mobile no.	M/S Jai Bajrang Traders Proprietor - Shri Pankaj Kumar S/o Shri Bhagwandas R/o- Mahmoodpur Manauri Tehsil-Chayal, District- Kaushambi(U.P)		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 11/05 to 11/06		
7. Name of River	Yamuna		
8. Name of Village	Diya Uparhar		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28ha		
13. Mineable Area (in ha)	24.28 ha		
14. Zero level mRL	75 mRL		
15. Max. & Min mrl within lease area	75 mRL and 88mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°16'22.50"N	81°27'53.94"E
	B	25°16'22.44"N	81°27'59.64"E
	C	25°15'39.35"N	81°27'54.78"E
	D	25°15'35.81"N	81°27'48.36"E
17. Total Geological Reserves	24,28,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309.1 (say 1310) m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	87 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 95 (Kaushambi-Pura Mufti)- 10.0km* (E)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.53
	Suppression of dust		5.26
	Plantation		0.061
	Others (Stored water)		0.10
	Total		6.97 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by	Letter No. 12/ Khanan/ Sahayak Kau. dated 06.03.2019		

Mining Officer	
35. Details of Lease Area in approved DSR	Page No 20; Sl. No. 107
36. Proposed CER cost	2% of total project cost i.e. Rs.29,65,611/-
37. Proposed EMP cost & Total Project Cost	Rs 23,49,529/- & 14,82,80,551/-
38. Length and Width of Haul Road	Unpaved Length 0.44 km and Paved Length 3.84 km and 6 m width
39. No. of Trees to be Planted	182

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

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- The instrumental predication of the PM2.5 & PM10 due to fugitive emission shall be submitted carrying out air quality modeling.
- 2- Crosswind air quality data should be provided at least two locations within 500 m radius of the mining lease. The frequency of monitoring procedure remains the same.
- 3- As the ambient air quality of the area has to already exceed the stipulated limit in same of the monitoring data. Therefore as specific EMP to control fugitive air emission specifically for PM2.5 & PM10 shall be submitted. The project proponent shall submit all the relative report within 45 days otherwise the Environmental Clearance shall deemed to be cancelled.
- 4- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 5- Pakka motorable haul road to be maintained by the project proponent.
- 6- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 7- Permission from the competent authority regarding evacuation route should be taken.
- 8- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 9- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 10- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 11- Provision for cylinder to workers should be made for cooking.
- 12- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 13- Provide suitable mask to the workers.
- 14- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 15- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.

- 16- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 17- Provision for two toilets and hand pumps should be made at mining site.
- 18- Drinking water for workers would be provided by tankers.
- 19- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 20- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 21- Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,65,611/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
- 22- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 23- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 24- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 25- Width of the haul road shall be more than 6 meter.
- 26- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

3. River Sand/Morrum Mining Project at Khand No./ Gata No.- 23/14 Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., M/s A. J. Construction (Leased Area-24.291Ha). File No. 4167/Proposal No. SIA/UP/MIN/22697/2018

The committee noted that the matter was earlier discussed in 381st SEAC meeting dated 07/01/2019 wherein the project proponent did not appear in the meeting. Hence, the committee directed to defer the matter. The project proponent vide letter dated 13/02/2019 requested to list the matter in next SEAC meeting. Hence, the matter listed in 391st SEAC meeting dated 08/03/2019.

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

- 1- The environmental clearance is sought for River Sand/Morrum Mining Project at Khand No./ Gata No.- 23/14 Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., M/s A. J. Construction (Leased Area-24.291Ha).
- 2- Terms of reference in the matter were issued through SEIAA letter dated 25/04/2018.
- 3- Public hearing was organized on 12/11/2018.
- 4- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/ 22697/2018
2. File No. allotted by SEIAA, UP	4167
3. Name of Proponent	Sri Maksood Ahmad for M/s A.J Construction
4. Full correspondence address of proponent and mobile	R/O-36, Gwaltoli, Hamirpur

no.	Distt- Hamirpur U.P.		
5. Name of Project	Area 60.00 Acre/ 24.291 Ha. For River Sand/Morrum mining at Khand No./Gata No.- 23/14 Village – Bhedi Kharka , Tehsil- Sarila , Dist. Hamirpur, U.P.		
6. Project Location(Plot.Khsra/Gata No.)	23/14		
7. Name of River	Betwa River		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	24.291 Ha.		
13. Mineable Area (in Ha.)	22.77 Ha.		
14. Zero level mRL	99.0 mRL		
15. Max. & Min mRL within lease area	108.00 in SW & 104.0 in NE		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°54'09.06’’N	79°48'49.88’’E
	B	25°54'21.41’’N	79°48'47.97’’E
	C	25°54'25.33’’N	79°49'12.85’’E
	D	25°54'12.43’’N	79°49'10.42’’E
17. Total Geological Reserves	7,28,730 m ³ /Annum		
18. Total Mineable Reserve in LOI	3,88,608 m ³ /Annum		
19. Total Proposed Production	3,88,608 m ³ /Annum		
20. Proposed Production in 5 years	Year	Production	
	1 St	3,88,608 m ³ / Annum	
	2 nd	3,88,608 m ³ / Annum	
	3 rd	3,88,608 m ³ / Annum	
	4 th	3,88,608 m ³ / Annum	
	5 th	3,88,608 m ³ / Annum	
	Total	19,43,040 m ³	
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1727 m ³ /Day		
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF & CC ,GOI)		
24. No. of working days	225 Days		
25. Working hours/day	8 Hours		
26. No. of worker	108 Worker		
27. No. of vehicles movement/day	192 Trucks / Day		
28. Type of Land	River Bed (Govt. Land)		
29. Ultimate of Depth of Mining	1.75 m		
30. Nearest metalled road from site	3.86 Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.08	
	Suppression of dust	14.40	
	Plantation	1.28	
	Others (if any)		
	Total	16.76 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.86 Period of Validity- Up to 31.01.2021		
33. Any litigation pending against the project or land in	No		

any court	
34. Details of 500 m Cluster Certificate verified by Mining Officer	Letter No. 1500/Khanij/M.M.C30vividh/18-19 Date-13/02/2019
35. Details of Lease Area in approved DSR	Page No-63 Table No- 20 (Sr. No 114)
36. Proposed CER cost	3,16 Lac
37. Proposed EMP cost	Approx 22.0 Lac
38. Length and breadth of Haul Road	1200mtr Length & 6m width haulage road

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

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- If any temporary bridge required for the transportation of the mineral, prior permission from the competent authority should be obtained.
- 2- The instrumental predication of the PM_{2.5} & PM₁₀ due to fugitive emission shall be submitted carrying out air quality modeling.
- 3- Crosswind air quality data should be provided at least two locations within 500 m radius of the mining lease. The frequency of monitoring procedure remains the same.
- 4- As the ambient air quality of the area has to already exceed the stipulated limit in same of the monitoring data. Therefore as specific EMP to control fugitive air emission specifically for PM_{2.5} & PM₁₀ shall be submitted. The project proponent shall submit all the relative report within 45 days otherwise the Environmental Clearance shall deemed to be cancelled.
- 5- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 6- Pakka motorable haul road to be maintained by the project proponent.
- 7- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 8- Permission from the competent authority regarding evacuation route should be taken.
- 9- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 10- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 11- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 12- Provision for cylinder to workers should be made for cooking.
- 13- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 14- Provide suitable mask to the workers.
- 15- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.

- 16- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 17- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 18- Provision for two toilets and hand pumps should be made at mining site.
- 19- Drinking water for workers would be provided by tankers.
- 20- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 21- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 22- Corporate Environmental Responsibility (CER) plan with minimum Rs. 3.16 Lakh/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 23- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 24- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 25- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 26- Width of the haul road shall be more than 6 meter.
- 27- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

4. Sand Mining Project from Ganga River at Gata No.-293/1, 293/2, 394/6, 298/10, 299/1, 718/1, Village-Kachhla Kham, Tehsil & District- Badaun, U.P., Lease Area: 45.85 Ha. File No. 4649/4250/Proposal No. SIA/UP/MIN/30351/2018

RESOLUTION AGAINST AGENDA NO-04

The project proponent through letter dated 06/03/2019 requested to defer the matter in upcoming SEAC meeting. The committee discussed 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. The matter will be discussed only after submission of online request on prescribed online portal.

5. River Bed Sand/Morrum Mining River Betwa in Khand No.- 23/26, Village- Beri, Tehsil & District- Hamirpur, U.P., M/s J K S Mining Services Pvt. Ltd., (Leased Area- 24.291 Ha). File No. 4425/Proposal No. SIA/UP/MIN/28462/2018

RESOLUTION AGAINST AGENDA NO-05

The committee gone through the letter dated 05/03/2019 submitted by project proponent Shri Jai Kumar Singh, M/s JKS Mining Services Pvt. Ltd. and directed the Secretariat to send a letter to District Mining Officer, Hamirpur for providing the factual report of the project site.

6. River Bed Sand/Morrum Mining River Betwa in Khand No.- 10/22, at Village- Beri, Tehsil & District- Hamirpur, U.P., (L. Area-36.437 Ha). File No. 4390/Proposal No. SIA/UP/MIN/28157/2018

RESOLUTION AGAINST AGENDA NO-06

The committee gone through the letter dated 05/03/2019 submitted by project proponent Shri Mithlesh Kumar Gupta, M/s Annapurna Udyog. and directed the Secretariat to send a letter to District Mining Officer, Hamirpur for providing the factual report of the project site.

7. Sand/Morrum Mine Deposit On Ken River at Gata No.- 100 (Khand No.- 02) Near Village- Khaptiha Kalan Tehsil- Pailani, District- Banda, U.P.,M/s A D Agro Foods Pvt. Ltd.(Total Lease area is 16.00 ha). File No. 4413/Proposal No. SIA/UP/MIN/28395/2018

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

- 1- The environmental clearance is sought for Sand/Morrum Mine Deposit On Ken River at Gata No.- 100 (Khand No.- 02) Near Village- Khaptiha Kalan Tehsil- Pailani, District- Banda, U.P., (Total Lease area is 16.00 ha), M/s A D Agro Foods Pvt. Ltd.
- 2- Terms of reference in the matter were issued through SEIAA letter no. 388/Parya/SEAC/4413/2018, dated 25/04/2018.
- 3- Public hearing was organized on 10/01/2019.
- 4- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28751/2018		
2. File No. allotted by SEIAA, UP	4413		
3. Name of Proponent	Devendra Bhandari (Authorized Signatory)		
4. Full correspondence address of proponent and mobile no.	M/s A D Agro Foods Pvt Ltd Sagarmatha Apartment, 18 M.G. Road, Indore, M.P.		
5. Name of Project	Khaptiha Kalan (area 16.00 ha sand/morrum mine) on Ken river		
6. Project location (Plot/Khasra/Gata No.)	Gata No.- Part of 100, Khand No.-2, Village - Khaptiha Kalan, Tehsil- Pailani, District- Banda of Uttar Pradesh.		
7. Name of River	Ken River		
8. Name of Village	Khaptiha Kalan		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.00 Hectares		
13. Mineable Area (in Ha.)	11.6062 Ha.		
14. Zero level mRL	86 m		
15. Max. & Min mrl within lease area	96-90 m.		
16. Pillar Coordinates (Verified by DMO)	Total Lease Area Coordinates – 16 ha		
	A	25°40'41.15"N	80°21'14.75"E
	B	25°40'37.84"N	80°21'18.68"E
	C	25°40'32.64"N	80°21'40.40"E
	D	25°40'27.83"N	80°21'39.12"E
	E	25°40'30.68"N	80°21'13.31"E
	F	25°40'34.36"N	80°21'09.44"E
	Water submerged coordinates		
	G	25°40'30.30"N	80°21'18.95"E
17.			

	H	25°40'30.81"N	80°21'20.05"E
	I	25°40'29.81"N	80°21'27.28"E
	J	25°40'28.91"N	80°21'29.69"E
	K	25°40'29.34"N	80°21'33.17"E
	L	25°40'28.13"N	80°21'39.11"E
	D	25°40'27.83"N	80°21'39.12"E
	Workable Coordinates		
	A	25°40'41.15"N	80°21'14.75"E
	B	25°40'37.84"N	80°21'18.68"E
	C	25°40'32.64"N	80°21'40.40"E
	L	25°40'28.13"N	80°21'39.11"E
	K	25°40'29.34"N	80°21'33.17"E
	J	25°40'28.91"N	80°21'29.69"E
	I	25°40'29.81"N	80°21'27.28"E
	H	25°40'30.81"N	80°21'20.05"E
	G	25°40'30.30"N	80°21'18.95"E
	E	25°40'30.68"N	80°21'13.31"E
	F	25°40'34.36"N	80°21'09.44"E
18. Total Geological Reserves	4,80,000 m ³		
19. Total Mineable Reserves in LOI	3,20,000 m ³		
20. Total Proposed Production for five years	16,00,000 m ³		
21. Proposed Production/year	3,20,000 m ³ /Year		
22. Sanctioned Period of Mine lease	5 Years		
23. Production of mine/day	1280 m ³ /Day		
24. Method of Mining	Opencast Semi-mechanized mining		
25. No. of working days	250 days/ Year		
26. Working hours/day	12 Hours		
27. No. Of workers	100		
28. No. Of vehicles movement/day	142		
29. Type of Land	Govt. Land		
30. Ultimate Depth of Mining	2.99 m		
31. Nearest metalled road from site	1400 m		
32. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.20
	Suppression of dust		6.72
	Plantation		10.24
	Others (if any)		-
	Total		18.16
33. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019		
34. Any litigation pending against the project or land in any court	No		
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	1637 / Khanij-30, BANDA, Dated: 29 th May, 2018.		
36. Details of Lease Area in approved DSR	16.00 Hectares S No. 25 as per Suddhi patra dated 17/08/2018		
37. Length and breadth of Haul Road	Length 1400 m, Width 6.0 m		

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

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

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- The instrumental predication of the PM_{2.5} & PM₁₀ due to fugitive emission shall be submitted carrying out air quality modeling.
- 2- Crosswind air quality data should be provided at least two locations within 500 m radius of the mining lease. The frequency of monitoring procedure remains the same.
- 3- As the ambient air quality of the area has to already exceed the stipulated limit in same of the monitoring data. Therefore as specific EMP to control fugitive air emission specifically for PM_{2.5} & PM₁₀ shall be submitted. The project proponent shall submit all the relative report within 45 days otherwise the Environmental Clearance shall deemed to be cancelled.
- 4- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 5- Pakka motorable haul road to be maintained by the project proponent.
- 6- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 7- Permission from the competent authority regarding evacuation route should be taken.
- 8- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 9- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 10- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 11- Provision for cylinder to workers should be made for cooking.
- 12- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 13- Provide suitable mask to the workers.
- 14- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 15- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 16- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 17- Provision for two toilets and hand pumps should be made at mining site.
- 18- Drinking water for workers would be provided by tankers.
- 19- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 20- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 21- Corporate Environmental Responsibility (CER) plan with minimum Rs. 2,88,460 Lakh/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address

and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Banda, U.P.

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

8. River Sand/Morrum/Bajri (Minor Mineral) Mining Project in River Yamuna" Gata No.- 1/1, Production Capacity (9,47,368 cum/annum), Near Village- Dariya Baramad, Tehsil & District- Saharanpur, M/s Prime Vision Industries Pvt. Ltd.(L. Area- 52.63 ha). File No. 4460/Proposal No. SIA/UP/MIN/28751/2018

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

- 1- The environmental clearance is sought for Sand/Morrum Mine Deposit On Ken River at Gata No.- 100 (Khand No.- 02) Near Village- Khaptiha Kalan Tehsil- Pailani, District- Banda, U.P., (Total Lease area is 16.00 ha), M/s A D Agro Foods Pvt. Ltd.
- 2- Terms of reference in the matter were issued through SEIAA letter no. 388/Parya/SEAC/4413/2018, dated 25/04/2018. Public hearing was organized on 10/01/2019.
- 3- Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/28751/2018
2.	File No. allotted by SEIAA UP	4460
3.	Name of Proponent	M/S Prime Vision Industries Private Limited
4.	Full correspondence address of proponent and mobile no.	312, 3 Floor, Vishal Chambar, P-1, Sector-18, Noida – 201301 (Uttar Pradesh)
5.	Name of Project	River Sand/Morrum/Bajari (Minor Mineral) Mining Project of M.L Area 52.63 ha in River Yamuna at Near village: Dareya Baramad, Gata No. 1/1, Tehsil & District: Saharanpur, Uttar Pradesh for Production capacity 9, 47,368 CUM/Annum
6.	Project Location (Plot/Khasra/Gate No.)	Gata No. 1/1
7.	Name of River	Yamuna
8.	Name of Village	Dareya Baramad
9.	Tehsil	Saharanpur
10.	District	Saharanpur
11.	Name of Minor Mineral	River Sand / Morrum
12.	Sanctioned Lease Area (in Ha.)	52.63 ha
13.	Mineable Area (in Ha.)	52.63 ha
14.	Zero Level mRL	213 m RL
15.	Max. & Min. mRL within lease area	228 m RL to 216m RL
16.	Pillar Coordinates (Verified by DFO)	As per approved mining plan
17.	Total Geological Reserves	15,78,900 cum

18.	Total Mineable Reserve in LOI	9,47,368 cum	
19.	Total Proposed Production (In five Year)	47,36,840 cum	
20.	Proposed Production per year	9,47,368 cum	
21.	Sanctioned period of mine lease	5 year	
22.	Production of mine/day	2595 cum	
23.	Method of Mining	Opencast Semi-mechanized method	
24.	No. of working days	270	
25.	Working hour/day	8 hour	
26.	No. of Workers	52	
27.	f Vehicles movement/day	5-6 trip	
28.	of land	Govt. land	
29.	Ultimate Depth of Mining	3m	
30.	Nearest metalled road from site	NH-73 ~ 1.42 km in South West direction	
31.	Water requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.88
		Suppression of dust	3.2
		Plantation	5.5
		Others (if any)	-
		Total	9.58
32.	Name of QCI Accredited Consultant with QCI No. and period of validity	M/s. Overseas Min-Tech Consultants ISO 9001:2008 & NABET Accredited EIA Consultants Certificate No. NABET/EIA/1417/IA003	
33.	Any litigation pending against the project or land in any court	No	
34.	Details of 500 m Cluster Map & certified issued by Mining Officer	Cluster certificate that mining lease area falling under B1 category verified by District Mining Officer, Saharanpur, Uttar Pradesh vide letter No. 1221/Mineral/ 2017-18 dated 05.09.2018	
35.	Details of lease Area in approved DSR	As per approved mining plan	
36.	Proposed CSR cost	11.5 Lac	
37.	Proposed EMP Cost	Rs. 15,26,000 /-	
38.	Length and breadth of haul Road	-	
39.	No. of trees to be planted	13,888	

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

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- The instrumental predication of the PM_{2.5} & PM₁₀ due to fugitive emission shall be submitted carrying out air quality modeling.
- 2- Crosswind air quality data should be provided at least two locations within 500 m radius of the mining lease. The frequency of monitoring procedure remains the same.

- 3- As the ambient air quality of the area has to already exceed the stipulated limit in same of the monitoring data. Therefore as specific EMP to control fugitive air emission specifically for PM_{2.5} & PM₁₀ shall be submitted. The project proponent shall submit all the relative report within 45 days otherwise the Environmental Clearance shall deemed to be cancelled.
- 4- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 5- Pakka motorable haul road to be maintained by the project proponent.
- 6- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 7- Permission from the competent authority regarding evacuation route should be taken.
- 8- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 9- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 10- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 11- Provision for cylinder to workers should be made for cooking.
- 12- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 13- Provide suitable mask to the workers.
- 14- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 15- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 16- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 17- Provision for two toilets and hand pumps should be made at mining site.
- 18- Drinking water for workers would be provided by tankers.
- 19- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 20- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 21- Corporate Environmental Responsibility (CER) plan with minimum Rs. 11.5 Lakh/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Saharanpur, U.P.
- 22- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 23- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 24- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 25- Width of the haul road shall be more than 6 meter.
- 26- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

9. Dillipur Sand Mining Project from Ganga River for M/s Sainik Foods Pvt. Ltd., located at Gata No./Khand No.- 550, Village- Dillipur, Tehsil- Ganaur, District- Sambhal, U.P., Lease Area: 49.00 ha. File No. 4610/4251/Proposal No. SIA/UP/MIN/25752/2018

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

- 1- The environmental clearance is sought for Dillipur Sand Mining Project from Ganga River at Gata No./Khand No.- 550, Village- Dillipur, Tehsil- Ganaur, District- Sambhal, U.P., M/s Sainik Foods Pvt. Ltd., (Lease Area: 49.00 ha).
- 2- Terms of reference in the matter were issued through SEIAA letter no. 270/Parya/SEAC/4251/2018, dated 11/07/2018.
- 3- Public hearing was organized on 23/10/2018.
- 4- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/25752/2018		
2. File No. allotted by SEIAA, UP	4251		
3. Name of Proponent	Mr. Yogesh Kumar Saxena		
4. Full correspondence address of proponent and mobile no.	Block A, Flat No 504, Coral Woods, Hosangabad Road, Bhopal M.P Mobile no- 8588896648		
5. Name of Project	Dillipur Sand Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata/ Khand No: 550		
7. Name of River	Ganga		
8. Name of Village	Dillipur		
9. Tehsil	Ganaur		
10. District	Sambhal		
11. Name of Minor Mineral	Dillipur Sand mine		
12. Sanctioned Lease Area (in Ha.)	49.00 Ha.		
13. Mineable Area (in Ha.)	46.92 Ha.		
14. Zero level mRL	176		
15. Max. & Min mrl within lease area	Max 179.00 and Min 176.00		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
	A	28°09'53.30"N	78°26'36.16"E
	B	28°09'45.08"N	78°27'01.81"E
	C	28°09'25.50"N	78°26'54.27"E
	D	28°09'34.77"N	78°26'27.39"E
17. Total Geological Reserves	1470000 m ³ / year		
18. Total Mineable Reserves in LOI	7,35,000 M ³ / year		
19. Total Proposed Production (in five year)	3675000 m ³		
20. Proposed Production/year	7,35,000 M ³ / year		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2940 m ³		
23. Method of Mining	Open Cast semi mechanized Method		
24. No. of working days	250		
25. Working hours/day	8		
26. No. Of workers	65		
27. No. Of vehicles movement/day	147 vehicles (294 trips a day)		
28. Type of Land	River Bed, Non Forest Land		
29. Ultimate Depth of Mining	Maximum 1.57 m		
30. Nearest metalled road from site	SH 39 – 6 km,		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	19.5	
	Suppression of dust	24.0	

	Plantation	2.45
	Others (if any)	0.0
	Total	45.0
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Enviro Infra Solutions Pvt. Ltd Certificate No- NABET/EIA/1619/IA 0018 Validity – November 09, 2019	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No- 3790 dated-28/03/2018	
35. Details of Lease Area in approved DSR	Details are provided in page no. 26 of approved DSR.	
36. Proposed CSR cost	-	
37. Proposed EMP cost	-	
38. Length and breadth of Haul Road	1.6 km and 5 m	
39. No. of Trees to be Planted	245	

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

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- The instrumental predication of the PM_{2.5} & PM₁₀ due to fugitive emission shall be submitted carrying out air quality modeling.
- 2- Crosswind air quality data should be provided at least two locations within 500 m radius of the mining lease. The frequency of monitoring procedure remains the same.
- 3- As the ambient air quality of the area has to already exceed the stipulated limit in same of the monitoring data. Therefore as specific EMP to control fugitive air emission specifically for PM_{2.5} & PM₁₀ shall be submitted. The project proponent shall submit all the relative report within 45 days otherwise the Environmental Clearance shall deemed to be cancelled.
- 4- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 5- Pakka motorable haul road to be maintained by the project proponent.
- 6- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 7- Permission from the competent authority regarding evacuation route should be taken.
- 8- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 9- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 10- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 11- Provision for cylinder to workers should be made for cooking.

- 12- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 13- Provide suitable mask to the workers.
- 14- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 15- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 16- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 17- Provision for two toilets and hand pumps should be made at mining site.
- 18- Drinking water for workers would be provided by tankers.
- 19- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 20- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 21- Corporate Environmental Responsibility (CER) plan with minimum Rs. 6.25 Lakh/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Sambhal, U.P.
- 22- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 23- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 24- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 25- Width of the haul road shall be more than 6 meter.
- 26- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

10. River Bed Sand/Morrum Mining River Yamuna in Gata No.- 20, 57, 58, 59, 61m, 62, 67m, 68, 69, 70, 71, 72, 73kh, 82m, 83, 84, 314, 86, 87, 88, 306, 310, 311, 312m, 313m, 317m,321m, 322/39 (Gata No.- 85, 273, 320, Area- 0.30 ha for haulage road) at Village- Nanglari Atatmal, Tehsil- Kairana, District- Shamli, U.P., (Leased Area- 24.92 Ha). File No. 4642/Proposal No. SIA/UP/MIN/92323/2019

Resolution against agenda no-10

The project proponent has presented the case as B-2 category. The committee gone through the MoEF&CC, Govt. of India O.M. dated 12/12/2018. As per decision taken in joint meeting of SEIAA/SEAC dated 05/02/2019, this case comes under the category B-1. Hence, the committee directed the project proponent to apply the case afresh in category B-1.

11. Project of Mining of Minor Mineral (Building Stone (Granite), Khandas & Gitti, Boulder Mining (Capacity Expansion)) at Gata No.- 989, Khand No.- 13, Village- Makarbai, Tehsil & District- Mahoba. (L. Area-1.21 ha). File No. 4665/Proposal No. SIA/UP/MIN/92601/2019

RESOLUTION AGAINST AGENDA NO-011

The committee discussed the matter and directed to defer the matter due to unavailability of certified compliance report. The matter shall be discussed only after submission of online information on prescribed portal.

12. Project of Mining of Minor Mineral "Granite Stone(Khandas & Gitti, Boulder) Stone Mining", located at Gata No.- 989, Khand No.- 05, Village- Makarbai, Tehsil & District- Mahoba, U.P., (L. Area-0.80 ha). File No. 4666/Proposal No. SIA/UP/MIN/95515/2019

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and directed to defer the matter due to unavailability of certified compliance report. The matter shall be discussed only after submission of online information on prescribed portal.

13. Project of Mining of Minor Mineral "Granite Stone(Khanda & Gitti, Boulder) Stone Mining, located at Gata No.- 2/4, Khand No.- 07 Village- Juihar, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area-1.61 ha (4.0 acre). File No. 4667/Proposal No. SIA/UP/MIN/95563/2019

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and directed to defer the matter due to unavailability of certified compliance report. The matter shall be discussed only after submission of online information on prescribed portal.

14. "Jaypee Greens Aman" at Sector-151, Noida, U.P. of M/s Jaypee Infratech Ltd. File No. 417/Proposal No. SIA/UP/NCP/29710/2011

RESOLUTION AGAINST AGENDA NO-14

The committee noted that the matter was earlier discussed in 273rd SEAC meeting dated 27/11/2018 and the committee decided that a site visit shall be undertaken by Dr. (Prof.) S.N. Singh, Chairman, SEAC, Dr. Virendra Misra, Member, SEAC and Shri Ramesh Chand Kataria, Member, SEAC for spot verification. The site visit was undertaken by the members of SEAC on 10/01/2019.

The committee also gone through the file and observed that "Jaypee Greens Aman" at Sector-151, Noida, U.P. of M/s Jaypee Infratech Ltd. was granted Environment clearance to the project vide letter no. 2460/SEAC/417/AD(Y)2010 dated 31/10/2011 for plot area 89.16 acres and built up area 6,40,200 m². The validity of Environment clearance letter dated 31/10/2011 expired on 30/10/2018. The project proponent applied for extension of validity on 17/10/2018 as per MoEF&CC notification dated 29th April 2018.

The committee discussed the matter and recommended to extend the validity of Environmental Clearance letter dated 31/10/2011 for the period of 03 years i.e. 01/11/2018 to 31/10/2021.

All the contents mentioned in Environmental Clearance letter no. 2460/SEAC/417/AD(Y)2010 dated 31/10/2011 shall remain unchanged.

15. Cement Grinding Unit Project at Araj no.469mi, and 470/1, Village- Dhauhan, Pargana-Saktesh Garh, Chunar, Distt: Mirzapur. File No. 4184/Proposal No. SIA/UP/IND/23444/2018

The committee noted that the matter was earlier discussed in SEAC meeting dated 08/06/2018 and recommended to issue terms of reference (TOR) for the preparation of Environment Impact Assessment (EIA) regarding the project. After the recommendation of SEAC the matter was discussed by the SEIAA in its meeting dated 04/07/2018 and directed as follows:

“The SEIAA noted that SEAC has recommended TOR for the above projects. The SEIAA also noted that the above project at SI no- 15 was already taken up in its meeting dated 29-06-2018 wherein SEIAA was of the opinion that a sub-committee comprising of Member of SEAC, RO, UPPCB and representative of DFO should be formed to inspect the site and submit its report to SEIAA. The SEIAA is also of the opinion that the same sub-committee comprising of Member of SEAC, RO, UPPCB and representative of DFO shall also inspect the site of the project mentioned as the SI. No- 16 which is in the same village and submit its report to SEIAA.”

The matter was again listed in SEIAA meeting dated 10/07/2018 and directed as follows:

“The SEIAA gone through the letter of Prakriti Consultant dated 06/07/2018 regarding TOR presentation of Cement Grinding Unit on dated 08/06/2018 in 344th SEAC meeting serial no- 15 & 16. SEIAA opined that matter should be referred to SEAC.”

As per the direction of SEIAA, the matter was listed in SEAC meeting dated 20/08/2018. The SEAC went through the letter no. 349/Parya/M/s Udhyam Cement/Mirzapur/2018 dated 29/06/2018. Inspection report regarding the matter has not been received by SEAC and it is not available in the file. It is not clear that what is expected at the SEAC level, recommendations of SEAC can only be possible only after receiving the inspection report.

A following subcommittee was constituted by the Member Secretary, SEIAA on 29/06/2018 for site inspection/spot verification of the project:

- 1- SEAC Member nominated by Chairman, SEAC.
- 2- Regional Officer, UPPCB, Mirzapur
- 3- A Member nominated by Divisional Forest Officer (DFO), Mirzapur

The Site inspection/spot verification was done by the following members on 01/12/2018:

- 1- Mr. Rakesh Chaudhary, DFO, Mirzapur
- 2- Mr. A.K. Anand, RO, Robertsganj, UPPCB
- 3- Dr. Pramod Kumar Mishra, Member, SEAC, U.P.

The following observation/comments was observed by the subcommittee:

1. The proposed Grinding unit 600 MTD per day a category 3(b) project, Area is thinly populated having a hilly terrain with sparse vegetation medium sized trees and shrubs. Surface water reservoirs are very scare.
2. No establishment work regarding proposed cement grinding unit was going on.
3. Grinding, mixing, production of cement and bagging works were not observed. No raw materials were available at the premises.
4. Dust collector/bag filter was placed in the premises.
5. Certain plants saplings were planted in and around the premises.
6. Approximately 80% of the construction work is completed in the form of shed for the establishment of the project.

7. A natural small aquatic reservoir (pond) near the proposed premises is being maintained by the project proponent, which is source of water to the wild fauna in lean season. Project proponent has submitted an application and requested regarding considering the project under violation category stating that online application form for EC is submitted on 03/04/2018, in the period of permission to apply under violation category.

Resolution against agenda no-15

The inspection report was put up by the Secretariat in SEAC meeting dated 08/03/2019. The committee discussed the matter in light of MOEFCC Notification dated 08/03/2018 under violation project and inspection report recommended to issue terms of reference (TOR) for the preparation of EIA. The project details of the project given at para-A and terms of reference for the preparation of EIA given at Para-B:

Para-A: Project details

- 1- The environmental clearance is sought for Proposed "Cement Grinding Unit" Project at Ararji No.- 469 Mi & 470/1 Village- Dhauhan, Pargana- Saktesgarh, Tehsil- Chunar, District- Mirzapur, U.P. M/s Uddyam Cement Pvt. Ltd.
- 2- The Proposed Cement Grinding Unit Project 600 Ton per day (180000 T.P.A on 300 Working Day) Total Area : 20230 sqm.
- 3- Project description:

Project Name	Cement Grinding Unit Project
Total Area	20230 m ²
Araji No.	469 Mi & 470/1
Location of mine	Village : Dhauha Tehsil : Chunar District : Mirzapur State : Uttar Pradesh
Activity	3(b)
Latitude	25° 3'58.02"N to 25° 3'59.44"N 25° 3'56.19"N to 25° 3'57.59"N
Longitude	82°53'5.28"E to 82°53'5.83"E 82°53'10.26"E to 82°53'10.86"E
Proposed Capacity	600 Ton per day (1,80,000 T.P.A)
Working Day	300
Water demand	8 KLD
Land Use	Private Land
Raw Material	Clinker, Gypsum and Fly Ash & Slag
Workers	56 (Two Shift)
Power Req	1000 Kw
Nearest Railway Station	Chunar Railway Station 4 km/Varanasi.
Nearest Airport	Varanasi Airport lie at a distance of 64 km.
Road	NH-7
Seismic zone	Zone III

- 4- The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended) and MOEF&CC Notification dated 08/03/2018 under violation project.

Para-B: Terms of Reference :

- 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 as per MoEF Notification dated 08/03/2018.

- 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) Status report regarding construction/development work already taken up.
- 4) All registry documents, Approved layout plan by the competent authority and all building plans.
- 5) All services plan is to be submitted like sewerage, drainage, external electrification, rain water harvesting, landscape plan with list of trees, water supply, OHT for firefighting etc.
- 6) Details of land use with area and percentage.
- 7) Discharge point of Sewerage and drainage.
- 8) Plan for use of reflecting paints on roof top and all side walls.
- 9) Provide Geo- coordinates of the project site.
- 10) Analyze the surface water quality including chemical and Biological parameters.
- 11) Ambient air monitoring to be carried out.
- 12) Project description, its importance and the benefits,
- 13) Project site details (location, top sheet of the study area of 10 km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage)
- 14) Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board, etc.
- 15) Land acquisition status, R & R details.
- 16) Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986,
- 17) Baseline environmental study for ambient air(PM₁₀, PM_{2.5}, SO₂, NO_x & CO), water(both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/ CPCB guidelines at minimum 5 location in the study area of 10 km,
- 18) Details on flora and fauna and socio-economic aspects in the study area
- 19) Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land flora and fauna and socio-economic, etc.)
- 20) Source of water different identified purposes with the permissions required from the concerned authorities both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc,
- 21) Waste water management (treatment, reuse and disposal) for the project and also the study area,
- 22) Management of solid Waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016
- 23) Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project,
- 24) 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.
- 25) 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.
 - 26) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
 - 27) Executive Summary
 - 28) Introduction
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
 - 29) Project Description
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities
 - vi. Details of Emission, effluents, hazardous waste generation and their management.
 - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
 - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
 - ix. Hazard identification and details of proposed safety systems.
 - x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
 - 30) Site Details
 - i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
 - ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
 - iii. Details w.r.t. option analysis for selection of site
 - iv. Co-ordinates (lat-long) of all four corners of the site.
 - v. Google map-Earth downloaded of the project site.

- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
 - vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
 - viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
 - ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
 - x. Geological features and Geo-hydrological status of the study area shall be included.
 - xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
 - xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
 - xiii. R&R details in respect of land in line with state Government policy
- 31) Forest and wildlife related issues (if applicable):
- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
 - ii. Landuse map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
 - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
 - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
 - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
 - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife
- 32) Environmental Status:
- i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
 - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
 - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the

NAQPM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.

- iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
 - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
 - vi. Ground water monitoring at minimum at 8 locations shall be included.
 - vii. Noise levels monitoring at 8 locations within the study area.
 - viii. Soil Characteristic as per CPCB guidelines.
 - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
 - xi. Socio-economic status of the study area.
- 33) Impact and Environment Management Plan
- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
 - ii. Water Quality modelling - in case of discharge in water body
 - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
 - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
 - v. Details of stack emission and action plan for control of emissions to meet standards.
 - vi. Measures for fugitive emission control
 - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.

- x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
 - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - xii. Action plan for post-project environmental monitoring shall be submitted.
 - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 34) Occupational health:
- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
 - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
 - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
 - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 35) Corporate Environment Policy:
- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
 - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - iv. Does the company have 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? This reporting mechanism shall be detailed in the EIA report
- 36) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 37) Corporate Environmental Responsibility (CER)
- i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
 - ii. Any litigation pending against the project and/or any direction/order passed by any Court of Law

against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.

iii. A tabular chart with index for point wise compliance of above TOR.

- 38) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
- 39) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;
- 40) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
- 41) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
- 42) If the raw materials used have trace elements, an environment management plan shall also be included.
- 43) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
- 44) Energy consumption per ton of clinker and cement grinding
- 45) Provision of waste heat recovery boiler
- 46) Arrangement for use of hazardous waste

16. Cement Grinding Unit project a Arajji no. 56,57,61/2, 62/1, 63,44mi, 47, 49, 50, 44/5, 45, 46/1, 60, 61/1, 58 and 62/2 Vill: Dhauhan, Pargana-Saktesh Garh, Chunar,Distt: Mirzapur. File No. 4189/Proposal No. SIA/UP/IND/23478/2018

The committee noted that the matter was earlier discussed in SEAC meeting dated 08/06/2018 and recommended to issue terms of reference (TOR) for the preparation of Environment Impact Assessment (EIA) regarding the project. After the recommendation of SEAC, the matter was discussed by the SEIAA in its meeting dated 04/07/2018 and directed as follows:

“The SEIAA noted that SEAC has recommended TOR for the above projects. The SEIAA also noted that the above project at Sl no. 15 was already taken up in its meeting dated 29-06-2018 wherein SEIAA was of the opinion that a sub-committee comprising of Member of SEAC, RO, UPPCB and representative of DFO should be formed to inspect the site and submit its report to SEIAA. The SEIAA is also of the opinion that the same sub-committee comprising of Member of SEAC, RO, UPPCB and representative of DFO shall also inspect the site of the project mentioned as the Sl. No- 16 which is in the same village and submit its report to SEIAA.”

The matter was again listed in SEIAA meeting dated 27/08/2018 and directed as follows:

“The SEIAA gone through the opinion of SEAC that as per the direction of SEIAA, the matter was listed in SEAC meeting dated 20/08/2018.

“The SEIAA noted that SEAC has recommended TOR for the above projects. The SEIAA also noted that the above project at Sl no. 15 was already taken up in its meeting dated 29-06-2018 wherein SEIAA was of the opinion that a sub-committee comprising of Member of SEAC, RO, UPPCB and representative of DFO should be formed to inspect the site and submit its report to SEIAA. The SEIAA is also of the opinion that the same sub-committee comprising of Member of SEAC, RO, UPPCB and representative of DFO shall also inspect the site of the project mentioned as the Sl. No- 16 which is in the same village and submit its report to SEIAA.”

The matter was referred back to SEAC for want of inspection report by the same committee visiting an adjacent site in the same village alongwith its recommendation regarding compliance of TOR.”

A following subcommittee was constituted by the Member Secretary, SEIAA on 29/06/2018 for site inspection/spot verification of the project:

- 1- SEAC Member nominated by Chairman, SEAC.
- 2- Regional Officer, UPPCB, Mirzapur
- 3- A Member nominated by Divisional Forest Officer (DFO), Mirzapur

The Site inspection/spot verification was done by the following members on 01/12/2018:

- 1- Mr. Rakesh Chaudhary, DFO, Mirzapur
- 2- Mr. A.K. Anand, RO, Robertsganj, UPPCB
- 3- Dr. Pramod Kumar Mishra, Member, SEAC, U.P.

The following observation/comments was observed by the subcommittee:

1. The proposed Grinding unit 100 MTD per day a category 3(b) project, Area is thinly populated having a hilly terrain with sparse vegetation medium sized trees and shrubs. Surface water reservoirs are very scare.
2. No establishment work regarding proposed cement grinding unit was going on.
3. Grinding, mixing, production of cement and bagging works were not observed. No raw materials were available at the premises.
4. Dust collector/bag filter was placed in the premises.
5. Certain plants saplings were planted in and around the premises.
6. Approximately 80% of the construction work is completed in the form of shed for the establishment of the project.
7. Project proponent has submitted an application and requested regarding considering the project under violation category stating that online application form for EC is submitted on 04/04/2018, in the period of permission to apply under violation category.

Resolution against agenda no-16

The inspection report was put up by the Secretariat in SEAC meeting dated 08/03/2019. The committee discussed the matter in light of MOEFCC Notification dated 08/03/2018 under violation project and inspection report, recommended to issue terms of reference (TOR) for the preparation of EIA. The project details of the project given at para-A and terms of reference for the preparation of EIA given at Para-B:

Para-A: Project details

1. The environmental clearance is sought for Proposed "Cement Grinding Unit" Project at Ararji No.- 56, 57, 61/2, 62/1, 63, 44 Mi, 46/2 Mi, 47, 49, 50, 44/5, 45, 46/1, 60, 61/1, 58, & 62/2, Village- Dhauhan, Pargana- Saktesgarh, Tehsil- Chunar, District- Mirzapur, U.P. M/s J.H,V, Steels Ltd.
2. The Proposed Cement Grinding Unit Project 100 Ton per day (30000 T.P.A on 300 Working Day).
3. Project description:

Project Name	Cement Grinding Unit Project
Total Area	12140.6 sqm
Total Arajji No.	56,57,61/2,62/1,63,44Mi,46/2Mi,47,49,50,44/5,45,46/1,60,61/1,58 & 62/2
Proposed Project Arajji No.	63
Location of mine	Village : Dhauha Tehsil : Chunar District : Mirzapur State : Uttar Pradesh
Activity	3(b)
Latitude	25 03.497N to 25 03.482N 25 03.434N to 25 03.435N
Longitude	082 52.701E to 082 52.700 E

	082 52.696 E to 082 52.665 E
Proposed Capacity	100 Ton per day (30,000 T.P.A)
Working Day	300
Land Use	Private Land
Water demand	8 KLD
Raw Material	Clinker, Gypsum and Fly Ash & Slag
Workers	60 (Two Shift)
Power Req	600 KW
Nearest Railway Station	Chunar Railway Station 5.5 km/Varanasi.
Nearest Airport	Varanasi Airport lie at a distance of 64 km.
Road	NH-7
Seismic zone	Zone III

4. The project proposal falls under category–3(b) of EIA Notification, 2006 (as amended) and MOEF&CC Notification dated 08/03/2018 under violation project.

Para-B: Terms of Reference :

- 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 as per MoEF Notification dated 08/03/2018.
- 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) Status report regarding construction/development work already taken up.
- 4) All registry documents, Approved layout plan by the competent authority and all building plans.
- 5) All services plan is to be submitted like sewerage, drainage, external electrification, rain water harvesting, landscape plan with list of trees, water supply, OHT for firefighting etc.
- 6) Details of land use with area and percentage.
- 7) Discharge point of Sewerage and drainage.
- 8) Plan for use of reflecting paints on roof top and all side walls.
- 9) Provide Geo- coordinates of the project site.
- 10) Analyze the surface water quality including chemical and Biological parameters.
- 11) Ambient air monitoring to be carried out.
- 12) Project description, its importance and the benefits,
- 13) Project site details (location, top sheet of the study area of 10 km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage)
- 14) Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board, etc.
- 15) Land acquisition status, R & R details.
- 16) Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986,

- 17) Baseline environmental study for ambient air(PM₁₀, PM_{2.5}, SO₂, NO_x & CO), water(both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/ CPCB guidelines at minimum 5 location in the study area of 10 km,
- 18) Details on flora and fauna and socio-economic aspects in the study area
- 19) Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land flora and fauna and socio-economic, etc.)
- 20) Source of water different identified purposes with the permissions required from the concerned authorities both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc,
- 21) Waste water management (treatment, reuse and disposal) for the project and also the study area,
- 22) Management of solid Waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016
- 23) Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project,
- 24) 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.
- 25) 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.
- 26) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- 27) Executive Summary
- 28) Introduction
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 29) Project Description
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities
 - vi. Details of Emission, effluents, hazardous waste generation and their management.
 - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
 - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
 - ix. Hazard identification and details of proposed safety systems.
 - x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in

case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

30) Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy

31) Forest and wildlife related issues (if applicable):

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
- ii. Landuse map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife

32) Environmental Status:

- i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.

- ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based on CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
 - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQPM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
 - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
 - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
 - vi. Ground water monitoring at minimum at 8 locations shall be included.
 - vii. Noise levels monitoring at 8 locations within the study area.
 - viii. Soil Characteristic as per CPCB guidelines.
 - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
 - xi. Socio-economic status of the study area.
- 33) Impact and Environment Management Plan
- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
 - ii. Water Quality modelling - in case of discharge in water body
 - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
 - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
 - v. Details of stack emission and action plan for control of emissions to meet standards.
 - vi. Measures for fugitive emission control
 - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
 - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use

- for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - xii. Action plan for post-project environmental monitoring shall be submitted.
 - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 34) Occupational health:
- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
 - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
 - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
 - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 35) Corporate Environment Policy:
- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
 - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - iv. Does the company have 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? This reporting mechanism shall be detailed in the EIA report
- 36) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 37) Corporate Environmental Responsibility (CER)
- i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
 - ii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
 - iii. A tabular chart with index for point wise compliance of above TOR.
- 38) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
- 39) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;
- 40) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.

- 41) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
- 42) If the raw materials used have trace elements, an environment management plan shall also be included.
- 43) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
- 44) Energy consumption per ton of clinker and cement grinding
- 45) Provision of waste heat recovery boiler
- 46) Arrangement for use of hazardous waste

17. Chandwari Ghurouli Sand/ Morrum Mine on Betwa River at Khand No.-26/2, Village- Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., M/s Sarc Infracon India Ltd., Lease Area: 24.291 ha. File No. 4247/Proposal No. SIA/UP/MIN/74655/2018

RESOLUTION AGAINST AGENDA NO-17

The committee discussed the matter and decided that a site visit shall be undertaken by Shri Meraj Uddin, Member, SEAC and District Mining Officer, Hamirpur within 15 days and site visit report should be submitted before SEAC. The matter shall be discussed after receipt of site visit report.

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Shri Ramesh Chand Kataria)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Shri Meraj Uddin)
Member

(Shri Rajive Kumar)
Member

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

Annexure-1

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

General Conditions:

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

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required

safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.

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

Annexure-2

Specific Conditions for Sand Moram Mining :-

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

18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.