

Minutes of 432nd SEAC Meeting Dated 20/11/2019

The 432nd meeting of SEAC was held in Directorate of Environment, U.P. on 20/11/2019 following members were present in the SEAC:

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|----|----------------------------|----------|
| 1. | Dr. (Prof.) S.N. Singh, | Chairman |
| 2. | Dr. Virendra Misra, | Member |
| 3. | Dr. Pramod Kumar Mishra, | Member |
| 4. | Dr. Richhpal Singh Sangu, | Member |
| 5. | Dr. Ranjeet Kumar Dalela, | 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 432nd SEAC meeting.

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

1. **Building Stone, (Khandas,Gitti & Boulder) Mining Project at Gata No.-19, Khanda No.- 06, Village-Ganj, Mahoba., Shri Santosh Kumar Gupta, (Leased Area-1.619 ha). File No. 5117/Proposal No. SIA/UP/MIN/ 43580/2019**

RESOLUTION AGAINST AGENDA NO-01

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

2. **Building Stone, (Khandas,Gitti & Boulder) Mining at Gata No.- 93, Khanda No.- 21, Village- Bari, Mahoba, U.P., Shri Arvind Kumar (Leased Area-1.012 ha). File No. 5118/Proposal No. SIA/UP/MIN/ 43575/2019**

RESOLUTION AGAINST AGENDA NO-02

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

3. Building Stone (Sand Stone) Mine at Gata No./Araji No.-997mi at Village- Sindhora, Tehsil-Sadar, Mirzapur., Shri Alok Dhar Dubey, Area -1.82 ha. File No. 5119/Proposal No. SIA/UP/MIN/ 44627/2019

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The project proponent through the submitted documents, presentation made before the SEAC and informed accordingly:-

1. The environmental clearance is sought for Building Stone (Sand Stone) Mine at Gata No./Araji No.-997mi at Village- Sindhora, Tehsil- Sadar, Mirzapur, U.P. (Leased area -1.82 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/44627/2019		
2. File No. allotted by SEIAA, UP	5119		
3. Name of Proponent	Shri Alok Dhar Dubey		
4. Full correspondence address of proponent and mobile no.	Shri Alok Dhar Dubey S/o Shri Jai Prakash Dhar Dubey R/o:- Chhapka, Tehsil-Robertsganj, District- Sonbhadra, Uttar Pradesh.		
5. Name of Project	Terms of Reference for Building Stone (Sandstone) mine at Gata No. /Araji No. 997 Mi, Lease Area: 1.82 ha (2.677 acres) at Village - Sindhora, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh of M/s Sadguru Suppliers.		
6. Project location (Plot/Khasra/Gata No.)	997Mi		
7. Name of Village	Sindhora		
8. Tehsil	Sadar		
9. District	Mirzapur		
10. Name of Minor Mineral	Khand, Gitty/Boulders (Building stone)"		
11. Sanctioned Lease Area (in ha.)	1.82 Ha.		
12. Max. & Min mRL within lease area	The highest level is 118.20 mRL the lowest level is 108.60 mRL		
13. Pillar Coordinates (Verified by DMO)	Pillar No	N	E
	A	25° 5'36.8"	82° 48'27.2"
	B	25° 5'36.4"	82° 48'32.9"
	C	25° 5'32.0"	82° 48'32.4"
	D	25° 5'40.17"	82° 48'27.4"
14. Total Geological Reserves	3,57,532m ³		
15. Total Mineable Reserves	2,36,780 m ³		
16. Total Proposed Production	92500 m ³ (5 Year)		
17. Proposed Production/year	18,200 m ³		
18. Sanctioned Period of Mine lease	20 years		
19. Production of mine/day	60 m ³		
20. Method of Mining	Opencast semi-mechanized		
21. No. of working days	300		
22. Working hours/day	8 hrs		
23. No. of workers	52		
24. No. of vehicles movement/day	4		
25. Type of Land	Govt./Non Forest Land		
26. Depth of Mining	12 m		
27. Nearest metalled road from site	0.60 Km		
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52KLD @ 10 lpcd	
	Suppression of dust	7.56 KLD @ 1.0 L for 1 sqm (2 time a day)	
	Plantation	0.262 KLD @ 1lit/plant (262)	
	Total	8.34 KLD	

29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 118 01 May 2021
30. Any litigation pending against the project or land in any court	No
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-594/Khanij/Parya/(2018-19) dated 29.06.2019
32. Details of Lease Area in approved DSR	Page No- 11 Table No- 13
33. Proposed CER cost	Project cost –88.68 lacs/annum CER – 1.7 lacs (2% of Total Cost)
34. Proposed EMP cost	Capital Cost- 272000 Recurring cost- 643320
35. Length and breadth of Haul Road	0.63km and 6m
36. No. of trees to be planted	262

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

RESOLUTION AGAINST AGENDA NO-03

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

1. Composite map should be provided.
2. Geo coordinates verified by DMO should be submitted.

4. **Building Stone (Sand Stone) Mine at Gata No./Araji No.-78, at Village- Khamhawa Jamati, Teh.Chunar, Mirzapur, Shri Rahul Singh, Area -0.607 ha. File No. 5120/Proposal No. SIA/UP/MIN/ 44642/2019**

RESOLUTION AGAINST AGENDA NO-04

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

5. **Building Stone (Sand Stone) Mine at Gata No./Araji No./Plot No.-703 at Village- Bhagauti Dei, Tehsil- Chunar, District-Mirzapur., Shri Chandra Bali Yadav, Leased Area-0.809 ha. File No. 5121/Proposal No. SIA/UP/MIN/ 44654/2019**

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The project proponent through the submitted documents, presentation made before the SEAC and informed accordingly:-

1. The environmental clearance is sought for Building Stone (Sand Stone) Mine at Gata No./Araji No./Plot No.-703 at Village- Bhagauti Dei, Tehsil- Chunar, District-Mirzapur, U.P., (Leased Area-0.809 ha.).

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

1. On-line proposal No.	SIA/UP/MIN/44654/2019		
2. File No. allotted by SEIAA, UP	5121		
3. Name of Proponent	Shri Chandra Bali Yadav		
4. Full correspondence address of proponent and mobile no.	Shri Chandra Bali Yadav S/o Shri Birju R/o:-Devnathpur, Adhwar, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh.		
5. Name of Project	Terms of Reference for Building stone (Sandstone) mine at Gata No. /Araji /Plot No. -703, Lease Area: 0.809 ha (2.0 acres) at Village- Bhagauti Dei, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh of Shri Chandra Bali Yadav.		
6. Project location (Plot/Khasra/Gata No.)	703		
7. Name of Village	Bhagauti Dei		
8. Tehsil	Chunar		
9. District	Mirzapur		
10. Name of Minor Mineral	Khand, Gitty/Boulders (Building stone)’’		
11. Sanctioned Lease Area (in ha.)	0.809 Ha.		
12. Max. & Min mRL within lease area	The highest level is 125.50 mRL the lowest level is 118.50 mRL		
13. Pillar Coordinates (Verified by DMO)	Pillar No	N	E
	A	25° 3’55.22’’	82° 59’50.90’’
	B	25° 3’55.34’’	82° 59’53.31’’
	C	25° 3’50.22’’	82° 59’53.58’’
	D	25° 3’50.25’’	82° 59’51.33’’
14. Total Geological Reserves	142,132 m ³		
15. Total Mineable Reserves	97,380 m ³		
16. Total Proposed Production	40450 m ³ (5 Year)		
17. Proposed Production/year	8090 m ³		
18. Sanctioned Period of Mine lease	20 years		
19. Production of mine/day	26 m ³		
20. Method of Mining	Opencast semi- mechanized		
21. No. of working days	300		
22. Working hours/day	8 hrs		
23. No. of workers	52		
24. No. of vehicles movement/day	4		
25. Type of Land	Govt./Non Forest Land		
26. Depth of Mining	12 m		
27. Nearest metalled road from site	0.60 Km		
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52KLD @ 10 lpcd	
	Suppression of dust	7.2 KLD @ 1.0 L for 1 sqm (2 time a day)	
	Plantation	0.245 KLD @ 1lit/plant (245)	
	Total	7.96 KLD	
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 118 01 May 2021		
30. Any litigation pending against the project or land in any court	No		
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1128/Khanij/Parya/(2018-19) dated 09.09.2019		
32. Details of Lease Area in approved DSR	Page No- 11 Table No- 13		
33. Proposed CER cost	Project cost –88.68 lacs/annum CER – 1.7 lacs (2% of Total Cost)		
34. Proposed EMP cost	Capital Cost- 2.55 lacs Recurring cost- 6.66lacs		

35. Length and breadth of Haul Road	0.60km and 6m
36. No. of trees to be planted	245

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

RESOLUTION AGAINST AGENDA NO-05

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

1. Composite map should be provided.
2. Geo coordinates verified by DMO should be submitted.

6. Building Stone (Sand Stone) Mine Project at Gata No./Araji No.-997 Mi, at Village- Sindhora, Tehsil- Sadar, District- Mirzapur, U.P., Shri Rakesh Mishra, Leased Area -1.616 ha. File No. 5122/Proposal No. SIA/UP/MIN/ 44655/2019

RESOLUTION AGAINST AGENDA NO-06

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

7. Sand/Morrum Mining at Gata No.- 32, Village- Baipur Aehatmali, Tehsil- Sadar, District- Agara, U.P., M/s Mahakali Construction, Area -6.07 ha. File No. 5124/Proposal No. SIA/UP/MIN/ 42221/2019

RESOLUTION AGAINST AGENDA NO-07

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

8. Building Stone (Sand Stone) Mine at Araji No.-997mi, at Village- Sindhora, Tehsil- Sadar, District-Mirzapur, U.P., M/s Rudrabali Traders, Area -1.21 ha. File No. 5130/Proposal No. SIA/UP/MIN/ 44056/2019

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

1. The environmental clearance is sought for Building Stone (Sand Stone) Mine at Arajai No.-997mi, at Village- Sindhora, Tehsil- Sadar, District-Mirzapur, U.P., (Leased Area -1.21 ha.) M/s Rudrabali Traders.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/44056/2019		
2. File No. allotted by SEIAA, UP	5130		
3. Name of Proponent	M/s Rudrabali Traders (Rajesh Kumar Singh)		
4. Full correspondence address of proponent and mobile no.	R/oVillage- Basaratpur, Tehsil-Chunar ,District-Mirzapur ,U.P		
5. Name of Project	3.0 Acres (1.21 Ha) Building Stone (Sandstone) mining project at Arajai no. 997mi Village- Sindhora, Tehsil- Sadar, District-Mirzapur, U.P.		
6. Project Location(Plot.Khsra/Gata No.)	Khand No/Gata No-997mi		
7. Name of River	-		
8. Name of Village	Sindhora		
9. Tehsil	Sadar		
10. District	Mirzapur		
11. Name of Minor Mineral	Building Stone(Sand Stone)		
12. Sanctioned Lease Area (in Ha.)	1.21 Ha.		
13. Max. & Min mRL within lease area	140.0 mRL & 122.0 mRL		
14. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 5'23.68" N	82°48'49.05" E
	B	25° 5'22.31" N	82°48'56.19" E
	C	25° 5'20.82" N	82°48'54.23" E
	D	25° 5'22.28" N	82°48'48.48" E
15. Total Geological Reserves	546860 m ³ /Annum		
16. Total Mineable Reserve in LOI	12100 m ³ /Annum		
17. Total Proposed Production	12100 m ³ /Annum		
18. Proposed Production /year	12100*20=2,42,000		
19. Sanctioned Period of Mine lease	20 Years		
20. Production of mine/day	40 m ³ /Day		
21. Method of Mining	Open cast Manual / Semi Mechanized Mining		
22. No. of working days	300 Days		
23. Working hours/day	8 Hours		
24. No. of worker	24 Worker		
25. No. of vehicles movement/day	1 Trucks / Day		
26. Type of Land	(Govt. Land)		
27. Ultimate of Depth of Mining	6.0 m		
28. Nearest metalled road from site	1.10 Km		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.24	
	Suppression of dust	12.0	
	Plantation	0.484	
	Others (if any)		
	Total	12.72 KLD Approx 13.0 KLD	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.88 Period of Validity- 31-01-2021		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No1123 Date-09-09-2019		
33. Details of Lease Area in approved DSR	Page No-13 Sr no-64		

34. Proposed CER cost	1.32 Lac
35. Proposed EMP cost	14.52 Lac
36. Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road
37. No. of Trees to be Planted	121 Trees

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

RESOLUTION AGAINST AGENDA NO-08

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

- A site inspection shall be undertaken by member of SEAC (Mr. R.K. Dalela, Dr. Virendra Misra) with District Mining Officer, Mirzapur before EIA presentation.
- Composite map should be provided.
- Geo coordinates verified by DMO should be submitted.
- Ground water contour plan to be provided.

9. Building Stone (Sand Stone) Mine at Araj No.-01, at Village- Ahirupur, Chunar, Distt.-Mirzapur., Shri Govind Singh, M/s Dipali Traders, Area -1.01 ha. File No. 5131/Proposal No. SIA/UP/MIN/ 44023/2019

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

- The environmental clearance is sought for Building Stone (Sand Stone) Mine at Araj No.-01 at Village- Ahirupur, Chunar, Distt.-Mirzapur, U.P., (Leased Area -1.01 ha.), M/s Dipali Traders.
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/44023/2019		
2. File No. allotted by SEIAA, UP	5131		
3. Name of Proponent	M/s Dipali Traders (Shri Govind Singh)		
4. Full correspondence address of proponent and mobile no.	Add- R/o- Vill- Basaratput, Tehsil- Chunar, District- Mirzapur, U.P.		
5. Name of Project	Area (1.01 Ha) Sandstone (Building Stone) mining project at Araj No'. 01 Village-Ahirupur , Tehsil-Chunar, District- Mirzapur, U.P.		
6. Project Location(Plot.Khsra/Gata No.)	Khand No/Gata No-01		
7. Name of River	-		
8. Name of Village	Ahirupur		
9. Tehsil	Chunar		
10. District	Mirzapur		
11. Name of Minor Mineral	Building Stone(Sand Stone)		
12. Sanctioned Lease Area (in Ha.)	1.01 Ha.		
13. Max. & Min mRL within lease area	120.0 mRL & 111.0 mRL		
14. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°02'43.3"N	82°58'57.7"E

	B	25°02'43.2"N	82°58'57.5"E	
	C	25°02'37.8"N	82°58'59.1"E	
	D	25°02'38.4"N	82°58'56.8"E	
15. Total Geological Reserves	33,43,46 m ³ /Annum			
16. Total Mineable Reserve in LOI	10,100 m ³ /Annum			
17. Total Proposed Production	10,100 m ³ /Annum			
18. Proposed Production /year	10100*20=2,02,000			
19. Sanctioned Period of Mine lease	20 Years			
20. Production of mine/day	34 m ³ /Day			
21. Method of Mining	Open cast Manual / Semi Mechanized Mining			
22. No. of working days	300 Days			
23. Working hours/day	8 Hours			
24. No. of worker	24 Worker			
25. No. of vehicles movement/day	1 Trucks / Day			
26. Type of Land	(Govt. Land)			
27. Ultimate of Depth of Mining	6.0 m			
28. Nearest metalled road from site	1.0 Km			
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.24	
	Suppression of dust		9.12	
	Plantation		0.404	
	Others (if any)			
	Total		9.76 KLD Approx 10.0 KLD	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.88 Period of Validity- 31-01-2021			
31. Any litigation pending against the project or land in any court	No			
32. Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No1121 Date-09-09-2019			
33. Details of Lease Area in approved DSR	Page No-12 Sr no-43			
34. Proposed CER cost	1.32 Lac			
35. Proposed EMP cost	14.52 Lac			
36. Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road			
37. No. of Trees to be Planted	101 Trees			

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

RESOLUTION AGAINST AGENDA NO-09

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

1. Composite map should be provided.
2. Geo coordinates verified by DMO should be submitted.

10. Building Stone (Khanda, Gitti & Boulder) Mining" at Gata No.- 339, Khand No.- 09 at Village- Daharra, Mahoba, U.P., M/s Shivam Granite, Leased Area -0.809 ha. File No. 5132/Proposal No. SIA/UP/MIN/ 44890/2019

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The project proponent through the submitted documents, presentation made before the SEAC and informed accordingly:-

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) Mining" at Gata No.- 339, Khand No.- 09 at Village- Daharra, Mahoba, U.P., (Leased Area -0.809 ha.), M/s Shivam Granite.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/44890/2019		
2. File No .allotted by SEIAA,UP	5132		
3. Name of Proponent	M/s Shivam Granite Prop.- Shri Ramkishore Singh S/o Shri Guruprasad Singh		
4. Full correspondence address of proponent and mobile no.	R/o- Gandhi Nagar, Mahoba U.P,		
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.-339, Khand No.- 09		
7. Name of Village	Daharra		
8. Tehsil	Mahoba		
9.District	Mahoba		
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)		
11. Sanctioned Lease Area (in Ha.)	0.809 ha.		
12. Mineable Area (in Ha.)	0.809 ha.		
13.Zero level mRL	Not Applicable		
14.Max.& Min mrl within lease area	195.0 mRL- 185.0 mRL		
15.Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
	A	25° 20' 03.47"	79° 58' 11.16"
	B	25° 20' 01.34"	79° 58' 15.79"
	C	25° 19' 59.25"	79° 58' 11.84"
16.Total Geological Reserves	3,76,304 m ³		
17.Total Mineable Reserves	2,34,189 m ³		
18.Total Proposed Production (in five year)	2,34,000 m ³		
19.Proposed Production for 5 years	Year	Production	
	1 st	46,800 m ³	
	2 nd	46,800 m ³	
	3 rd	46,800 m ³	
	4 th	46,800 m ³	
	5 th	46,800 m ³	
	Total	2,34,000	
20.Sanctioned Period of Mine lease	10 Years (19.01.2019 to 18.01.2029)		
21.Production of mine/day	156 m ³		
22.Method of Mining	Opencast Semi-Mechanized		
23.No.of working days	300 days		
24.Working hours/day	8 Hours/Day		
25.No. Of workers	38		
26.No.Of vehicle movement /day	16		
27.Type of Land	Govt. land Non- Agricultural		
28.Ultimate Depth of Mining	24.0 Meter		
29.Nearest metalled road from site	0.3 km		

30. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.40
	Suppression of dust	3.60
	Plantation	0.40
	Others(if any)	-----
	Total	4.40
31. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021	
32. Any litigation pending against the project or land in any court	No	
33. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 1045/MMC-30/ 2018-19 Dated 24 th June, 2019	
34. Details of Lease Area in approved DSR	Sr. No. 64, Page No.- 94	
35. Proposed CER cost	1.40 Lakh	
36. Proposed EMP cost	10.60 Lakh	
37. Length and breadth of Haul Road.	Length- 0.3 Km, Width- more than 6.0 m	
38. No. of Trees to be Planted	100	

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

RESOLUTION AGAINST AGENDA NO-10

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

1. A site inspection shall be undertaken by members of SEAC (Mr. R.K. Dalela, Dr. Virendra Misra) with District Mining Officer, Mahoba before EIA presentation.
2. Composite map should be provided.
3. Geo coordinates verified by DMO should be submitted.

11. Building Stone (Khandas, Gitti & Boulder) Mining" at Gata No.-2450, Khand No.-04, at Village-Jarar, Tehsil-Naraini, Banda, U.P., M/s Prem Narayan Contractor & Suppliers, Leased Area -0.60 ha. File No. 5135/Proposal No. SIA/UP/MIN/ 45018/2019

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

1. The environmental clearance is sought for Building Stone (Khandas, Gitti & Boulder) Mining" at Gata No.-2450, Khand No.-04, at Village-Jarar, Tehsil-Naraini, Banda, U.P., (Leased Area -0.60 ha.), M/s Prem Narayan Contractor & Suppliers.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/45018/2019
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2. File No. allotted by SEIAA, UP	5135		
3. Name of Proponent	M/s Prem Narayan Contractor & Suppliers Prop - Shri Prem Narayan Dwivedi S/o-Shri Ishwari Prasad Dwivedi,		
4. Full correspondence address of proponent and mobile no.	R/o-Kushwaha Nagar, Aliganj, Tehsil- Banda, District- Banda (U.P),Pin Code-210001		
5. Name of Project	Building Stone (Khanda, Gitty, Boulder) Mining Project		
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No. 2450 Khand No.-04		
7. Name of River	N.A		
8. Name of Village	Jarar		
9. Tehsil	Naraini		
10. District	Banda (U.P)		
11. Name of Minor Mineral	Stone Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.60 ha.		
13. Mineable Area (in Ha.)	0.60 ha.		
14. Zero level mRL	N.A		
15. Max. & Min mrl within lease area	Maximum mRL 182.20 mRL Minimum mrl 162.10 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar No	Latitude	Longitude
	A	25° 18' 56.03"N	80° 21' 37.47"E
	B	25° 18' 57.21"N	80° 21' 39.18"E
	C	25° 19' 0.06"N	80° 21' 37.93"E
	D	25° 18' 59.06"N	80° 21' 35.96"E
17. Total Geological Reserves	127315 m ³		
18. Total Mineable Reserves in LOI	6000 m ³ per year in LOI		
19. Total Proposed Production (in five year)	30000 m ³		
20. Proposed Production/year	6000 m ³ per year		
21. Sanctioned Period of Mine lease	20 Years		
22. Production of mine/day	20 m ³ /day		
23. Method of Mining	Open cast, Manual, Mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 18 workers		
27. No. Of vehicles movement/day	2-3 Vehicles movement/day		
28. Type of Land	Stone Mining Project		
29. Ultimate Depth of Mining	6.0 m		
30. Nearest metalled road from site	MDR-11B 3.5km towards East direction from the project site.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.28 KLD	
	Suppression of dust	6.00 KLD	
	Plantation	0.36 KLD	
	Others (if any)	-	
	Total	6.64 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1619/IA 0019 and valid upto December 29,2019		
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. 1782/ Khanij -30 dated 05/10/2019		
35. Details of Lease Area in approved DSR	शुद्धि पत्र पत्रांक- 1374/पर्या0 सचि0 बाँदा दिनांक: 13/ 08/2019, Sr. No.- 13		
36. Proposed CER cost	Rs. 99,000 (5% of the total Project cost)		
37. Proposed EMP cost/ Total Project cost	Rs. 19,80,000/-		
38. Length and breadth of Haul Road	500 m length and 6 m width		

39. No. of Trees to be Planted	60
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3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-11

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

1. Composite map should be provided.
2. Geo coordinates verified by DMO should be submitted.
3. Ground water contour plan to be provided.

12. Building Stone (Sand Stone) Mine at Gata No./Araji No./Plot No.-428 at Village-Dhuria, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-0.909 ha.), Shri Chhatrabali Singh File No. 5137/Proposal No. SIA/UP/MIN/ 45091/2019

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

1. The environmental clearance is sought for Building Stone (Sand Stone) Mine at Gata No./Araji No./Plot No.-428 at Village-Dhuria, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-0.909 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/45091/2019		
2. File No. allotted by SEIAA, UP	5137		
3. Name of Proponent	Shri Chhatrabali Singh		
4. Full correspondence address of proponent and mobile no.	Shri Chhatrabali Singh S/o Shri Wakeel Singh R/o:- Tiari, Chakiya District - Chandauli, U.P.		
5. Name of Project	Terms of Reference for Building stone (Sandstone) mine at Gata No. /Araji /Plot No. 428, Lease Area: 0.909 ha (2.246 acres) at Village-Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh of Shri Chhatrabali Singh..		
6. Project location (Plot/Khasra/Gata No.)	428		
7. Name of Village	Dhuria,		
8. Tehsil	Chunar		
9. District	Mirzapur		
10. Name of Minor Mineral	Khand, Gitty/Boulders (Building stone)"		
11. Sanctioned Lease Area (in ha.)	0.909 Ha.		
12. Max. & Min mRL within lease area	The highest level is 117.10 mRL the lowest level is 113.80 mRL		
13. Pillar Coordinates (Verified by DMO)	Pillar No	N	E
	A	25° 2'23.05''	83° 2'59.44''
	B	25° 2'23.36''	83° 3'1.84''
	C	25° 2'19.16''	83° 3'3.11''
	D	25° 2'18.96''	83° 3'0.80''

14. Total Geological Reserves	2,73,199 m ³	
15. Total Mineable Reserves	93,744 m ³	
16. Total Proposed Production	45450 m ³ (5 Year)	
17. Proposed Production/year	9090 m ³	
18. Sanctioned Period of Mine lease	20 years	
19. Production of mine/day	30m ³	
20. Method of Mining	Opencast semi- mechanized	
21. No. of working days	300	
22. Working hours/day	8 hrs	
23. No. of workers	37	
24. No. of vehicles movement/day	4	
25. Type of Land	Govt./Non Forest Land	
26. Depth of Mining	12 m	
27. Nearest metalled road from site	0.2.01 Km	
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.37KLD @ 10 lpcd
	Suppression of dust	4.8 KLD @ 1.0 L for 1 sqm (2 time a day)
	Plantation	0.17 KLD @ 1lit/plant (170)
	Total	5.35 KLD
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 118 01 May 2021	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1107/Khanij/Parya/(2018-19) dated 05.09.2019	
32. Details of Lease Area in approved DSR	Page No- 11 Table No- 23	
33. Proposed CER cost	Project cost - 80.34 lacs/annum CER –1.6 lacs (2% of Total Cost)	
34. Proposed EMP cost	Capital Cost- 170000 Recurring cost- 472200	
35. Length and breadth of Haul Road	0.40km and 6m	
36. No. of trees to be planted	170	

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

RESOLUTION AGAINST AGENDA NO-12

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

1. Composite map should be provided.
2. Geo coordinates verified by DMO should be submitted.

13. Building Stone (Khanda, Gitti & Boulder) Mine Project at Gata No./Araji No./Plot No.-768, 769, Khand No.- 01, at Village-Ramnagar, Tehsil- Moth, District- Jhansi, U.P., Shri Suraj Singh, Leased Area -1.396 ha. File No. 5138/Proposal No. SIA/UP/MIN/ 42894/2019

RESOLUTION AGAINST AGENDA NO-13

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

14. Building Stone (Khanda, Gitti & Boulder) Mining at Gata No./ Araji No./Plot No.- 654/3, Khand No.- 05, at Village- Goramachhiya, Tehsil & District- Jhansi, U.P., Shri Devendra Kumar Khanna. Leased Area -1.416 ha. File No. 5141/Proposal No. SIA/UP/MIN/ 41893/2019

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) Mining at Gata No./ Araji No./Plot No.- 654/3, Khand No.- 05 at Village- Goramachhiya, Tehsil & District- Jhansi, U.P.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/41893/2019		
2. File No. allotted by SEIAA, UP	5141		
3. Name of Proponent	Shri Devendra Kumar Khanna		
4. Full correspondence address of proponent and mobile no.	Shri Devendra Kumar Khanna S/o Late Shri Nand Kishore Khanna, R/o-1461, Premganj, Sipari Bazar, Thana-Sipari Bazar, Tehsil & District- Jhansi (U.P.).		
5. Name of Project	Terms of Reference for Building stone (Sandstone) mine at Gata No. /Araji /Plot No. -654/3 Khand No. 5 Lease Area: 1.416 Ha at Village- Goramachhiya, Taluka- Jhansi, District- Jhansi, U.P. Shri Devendra Kumar Khanna.		
6. Project location (Plot/Khasra/Gata No.)	654/3 khand no. 5		
7. Name of Village	Goramachhiya, Taluka		
8. Tehsil	Jhansi		
9. District	Jhansi		
10. Name of Minor Mineral	Khand, Gitty/Boulders (Building stone)''		
11. Sanctioned Lease Area (in ha.)	1.416 Ha.		
12. Max. & Min mRL within lease area	The highest level is 211.40 mRL the lowest level is 190.10 mRL		
13. Pillar Coordinates (Verified by DMO)	PillarNo	N	E
	A	25° 27' 41.38''	78° 39' 37.49''
	B	25° 27' 49.68''	78° 39' 40.19''
	C	25° 27' 52.58''	78° 39' 44.49''
	D	25° 27' 47.28''	78° 39' 30.79''
	E	25° 27' 43.18''	78° 39' 38.19''
14. Total Geological Reserves	410032 m ³		
15. Total Mineable Reserves	170940m ³		
16. Total Proposed Production	70108 m ³ (5 Year)		
17. Proposed Production/year	14160 m ³		
18. Sanctioned Period of Mine lease	20 years		

19. Production of mine/day	47 m ³	
20. Method of Mining	Opencast semi- mechanized	
21. No. of working days	300	
22. Working hours/day	8 hrs	
23. No. of workers	23	
24. No. of vehicles movement/day	4	
25. Type of Land	Govt./Non Forest Land	
26. Depth of Mining	12 m	
27. Nearest metalled road from site	0.50 Km	
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.23KLD @ 10 lpcd
	Suppression of dust	6.0 KLD @1.0 L for 1 sqm (2 time a day)
	Plantation	0.254 KLD @ 1lit/plant (254)
	Total	6.48 KLD
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 118 01 May 2021	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-2080/30 MMC/(2018-19) dated 05.01.2019	
32. Details of Lease Area in approved DSR	Sr No 15 Page No- 2 Table No- 1	
33. Proposed CER cost	Project cost –35.50 lacs/annum CER – 0.71 lacs (2% of Total Cost)	
34. Proposed EMP cost	Capital Cost- 264000 Recurring cost- 549240	
35. Length and breadth of Haul Road	0.50km and 6m	
36. No. of trees to be planted	254	

- 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.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-14

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

- Composite map should be provided.
- Geo coordinates verified by DMO should be submitted.

15. Sand/Morrum Mining at Betwa River Khand No./Gata No.-18/3, Village-Sahurapur, Sarila, Hamirpur. Shri Rupesh Kumar Chauhan. Area- 36.437 ha. File No. 4473/Proposal No. SIA/UP/MIN/ 28992/2018

The committee noted that the matter was earlier discussed in 370th SEAC meeting dated 14/11/2018 and the project proponent did not present in the meeting. The project proponent vide letter dated 10/10/2019 have requested to list the matter in next SEAC meeting. Hence, the matter was listed in 432nd SEAC meeting dated 20/11/2019.

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

1. The environmental clearance is sought for Sand/Morrum Mining at Betwa River at Khand No./Gata No.-18/3, Village-Sahurapur, Sarila, Hamirpur, U.P. (Leased Area- 36.437 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28992/2018																																															
2. File No. allotted by SEIAA, UP	4473																																															
3. Name of Proponent	RUPESH KUMAR CHAUHAN																																															
4. Full correspondence address of proponent and mobile no.	R/O-Tulsinagar Polisheet Post-Kathgodam Haldwani, Nanital Uttrakhand																																															
5. Name of Project	Area- 90.00 Acre (36.437ha) on Betwa River for Sand/Morrum Mining project at Khand No./Gata No-18/3 Village-Sahurapur Tehsil- Hamipur, District- Hamirpur(U.P)																																															
6. Project Location(Plot.Khsra/Gata No.)	Khnd No/Gata No.18/3																																															
7. Name of River	Betwa River																																															
8. Name of Village	Sahurapur																																															
9. Tehsil	Hamirpur																																															
10. District	Hamirpur																																															
11. Name of Minor Mineral	Sand/Morrum																																															
12. Sanctioned Lease Area (in Ha.)	36.437 Ha																																															
13. Mineable Area (in Ha.)	24.61 Ha																																															
14. Zero level mRL	96.0mRL																																															
15. Max. & Min mRL within lease area	105.0 mRL in NE & 100.0mRL in SE																																															
16. Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25°53'56.59"N</td><td>80°01'29.87"E</td></tr><tr><td>B</td><td>25°54'04.10"N</td><td>80°01'58.33"E</td></tr><tr><td>C</td><td>25°53'45.15"N</td><td>80°02'2.04"E</td></tr><tr><td>D</td><td>25°53'42.36"N</td><td>80°01'41.09"E</td></tr></table> <p>Workable Area</p> <table><tr><td>Block</td><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td rowspan="4">I</td><td>A</td><td>25°53'56.59"N</td><td>80°01'29.87"E</td></tr><tr><td>B</td><td>25°54'04.10"N</td><td>80°01'58.33"E</td></tr><tr><td>E</td><td>25°53'57.64"N</td><td>80°01'59.71"E</td></tr><tr><td>H</td><td>25°53'33.94"N</td><td>80°01'32.31"E</td></tr><tr><td rowspan="4">II</td><td>C</td><td>25°53'45.15"N</td><td>80°02'2.04"E</td></tr><tr><td>D</td><td>25°53'42.36"N</td><td>80°01'41.09"E</td></tr><tr><td>F</td><td>25°53'51.06"N</td><td>80°01'0.99"E</td></tr><tr><td>G</td><td>25°53'48.69"N</td><td>80°01'36.15"E</td></tr></table>			Point	Latitude	Longitude	A	25°53'56.59"N	80°01'29.87"E	B	25°54'04.10"N	80°01'58.33"E	C	25°53'45.15"N	80°02'2.04"E	D	25°53'42.36"N	80°01'41.09"E	Block	Point	Latitude	Longitude	I	A	25°53'56.59"N	80°01'29.87"E	B	25°54'04.10"N	80°01'58.33"E	E	25°53'57.64"N	80°01'59.71"E	H	25°53'33.94"N	80°01'32.31"E	II	C	25°53'45.15"N	80°02'2.04"E	D	25°53'42.36"N	80°01'41.09"E	F	25°53'51.06"N	80°01'0.99"E	G	25°53'48.69"N	80°01'36.15"E
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	G	25°53'48.69"N	80°01'36.15"E																																													
17. Total Geological Reserves	11,58,332 m ³ /Annum																																															
18. Total Mineable Reserve in LOI	5,82,912m ³ /Annum																																															
19. Total Proposed Production	5,82,912m ³ /Annum																																															
20. Proposed Production /year	5,82,912m ³ /Annum																																															
21. Proposed Production in 5 Years	<table><tr><td>Year</td><td>Production</td></tr><tr><td>1st</td><td>5,82,912m³ /Annum</td></tr></table>			Year	Production	1 st	5,82,912m ³ /Annum																																									
Year	Production																																															
1 st	5,82,912m ³ /Annum																																															

	2 nd	5,82,912m ³ /Annum	
	3 rd	5,82,912m ³ /Annum	
	4 th	5,82,912m ³ /Annum	
	5 th	5,82,912m ³ /Annum	
	Total	29,14,560m ³	
22. Sanctioned Period of Mine lease	5 Years		
23. Production of mine/day	2591m ³ /Day		
24. Method of Mining	Open cast Manual / Semi Mechanized		
25. No. of working days	225 Days		
26. Working hours/day	8 Hours		
27. No. of worker	150 Worker		
28. No. of vehicles movement/day	288 Trucks / Day		
29. Type of Land	River Bed (Govt. Land)		
30. Ultimate of Depth of Mining	2.50 m		
31. Nearest metalled road from site	2.64 Km		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.50 KLD	
	Suppression of dust	12.0 KLD	
	Plantation	3.85 KLD	
	Others (if any)		
	Total	17.35 KLD	
33. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.88 Period of Validity- Up to 31.01.2021		
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	553/खनिज-एम०एम०सी-तीस-विविध(2018-19)दिनांक:29 जून,2018		
36. Details of Lease Area in approved DSR	Given Table No-20 Page No-62 At Sr. No. 55		
37. Proposed CER cost	4.12 Lac		
38. Proposed EMP cost	26.0 Lac		
39. Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road		

- 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.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-15

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

- Composite map should be provided.
- Geo coordinates verified by DMO should be submitted.
- Revised cluster certificate on prescribed format should be submitted.

16. Sand/Morrum Mine on Ken River at Khasra No.-4943, 4942,4941,4939Ga, 4938,4937,4922, 4922Ka, 4923Ka,923Ka, 4931, 4959Ga, 4958, 4957, 4955, 4883, Village- Durendi, Banda, M/s A D Agro Foods Pvt. Ltd., Area: 40.00.00 ha. File No. 4179/Proposal No. SIA/UP/MIN/23030/2018

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and directed the Secretariat to send a letter to District Magistrate, Banda, Regional Officer, UPPCB, Banda & District Mining Officer, Banda for providing the factual report of the site. The committee also directed that a copy of the letter should be sent to Director, Geology and Mining Department, Lucknow, Uttar Pradesh and the project proponent for necessary action.

The matter shall be discussed after receipt of factual report.

17. Sand/Morrum Mining from Ken Riverbed at Gata No.- 100, Khand No.-01(Block No.-24) at Village-Khaptiha Kalan, Tehsil-Pailani, Banda. Shri Surender Punia. Area-16.0 Ha. File No. 4383/Proposal No. SIA/UP/MIN/ 28085/2018

The committee noted that the matter was earlier discussed in 395th SEAC meeting dated 05/04/2019 and the project proponent did not present in the meeting. The project proponent vide letter dated 22/10/2019 have requested to list the matter in next SEAC meeting. Hence, the matter was listed in 432nd SEAC meeting dated 20/11/2019.

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow. The committee discussed the matter and directed the project proponent to submit following information:

1. Revised cluster certificate on prescribed format.
2. Intermediate Geo coordinates verified by District Mining Officer.
3. Verified composite map.

The matter shall be discussed after submission of online information on prescribed format.

18. Sand/Morrum Mining along Birma River Bed in Khand No. 10, Gata No.- 133,134,135,136,44,30,Village-Sikandarpur Gahlod, Kulpahar, Mahoba, U.P., (Leased Area-15.00 Ha.), M/s Thakur Construction Company File No. 4296/Proposal No. SIA/UP/MIN/26049/2018

The committee noted that the matter was earlier discussed in 413th SEAC meeting dated 25/07/2019 and directed to defer the matter due to incomplete documents presented by the project proponent before SEAC. The project proponent submitted their replies vide letter dated 25/10/2019. Hence, the matter was listed in 432nd SEAC meeting dated 20/11/2019.

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The project proponent through the submitted documents, presentation made before the SEAC and informed accordingly:-

1. The environmental clearance is sought for Sand/Morrum Mining along Birma River Bed in Khand No. 10, Gata No.- 133,134,135,136,44,30,Village-Sikandarpur Gahlod, Kulpahar, Mahoba, U.P., (Leased Area-15.00 Ha.), M/s Thakur Construction Company.

2. Terms of reference in the matter were issued through SEIAA, U.P. letter no. 272/Parya/SEAC/4296/2018, dated 11/07/2018.
3. Public hearing was organized on 17/10/2018. Environment Impact Assessment Report (EIA) submitted by the project proponent on 22/06/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/26049/2018																	
2. File No. allotted by SEIAA, UP	4296																	
3. Name of Proponent	M/s Thakur Construction Company Sri Samar Singh Tomar																	
4. Full correspondence address of proponent and mobile no.	Sri Samar Singh Tomar S/o Sri Sangram Singh Tomar R/o Ward-16, Civil Line, Kalika Nagar, Babai Road, Hoshangabad, Madhya Pradesh																	
5. Name of Project	Sand/Morrum Mining having lease area 15.0ha (37.06 acre) along River Birma in Khand No. 10, Gata No. 133,134,135,136,44,30 at Village – Sikandarpur, Gahlod Tehsil- Kulpahar, District- Mahoba, U. P.																	
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10, Gata No. 133,134,135,136,44,30																	
7. Name of River	Birma																	
8. Name of Village	Sikandarpur, Galhod																	
9. Tehsil	Kulpahar																	
10. District	Mahoba																	
11. Name of Minor Mineral	Sand mining																	
12. Sanctioned Lease Area (in Ha.)	15 ha																	
13. Zero level mRL	162.8 mRL																	
14. Max. & Min mRL within lease area	The highest level of area is 165.3mRL near boundary pillar “A” in east, The lowest level is 162.9mRL near boundary pillar “C”																	
15. Pillar Coordinates (Verified by DMO)	Total Area <table><tr><td>Pillar</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25° 26' 0.56"N</td><td>79° 29'51.30"E</td></tr><tr><td>B</td><td>25° 25' 59.01"N</td><td>79° 29'53.65"E</td></tr><tr><td>C</td><td>25° 25' 18.23"N</td><td>79° 30' 9.68"E</td></tr><tr><td>D</td><td>25° 25' 16.63"N</td><td>79° 30' 7.44"E</td></tr></table>			Pillar	Latitude	Longitude	A	25° 26' 0.56"N	79° 29'51.30"E	B	25° 25' 59.01"N	79° 29'53.65"E	C	25° 25' 18.23"N	79° 30' 9.68"E	D	25° 25' 16.63"N	79° 30' 7.44"E
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C	25° 25' 18.23"N	79° 30' 9.68"E																
D	25° 25' 16.63"N	79° 30' 7.44"E																
16. Total Geological Reserves	68,924 m ³																	
17. Total Mineable Reserves	36,203 m ³																	
18. Total Proposed Production	1,57,500 m ³ (5 Year)																	
19. Proposed Production/year	31,500 m ³ /year																	
20. Sanctioned Period of Mine lease	5 years																	
21. Production of mine/day	126 m ³																	
22. Method of Mining	Opencast Manual/Semi-mechanized																	
23. No. of working days	250																	
24. Working hours/day	8 hrs																	
25. No. of workers	50																	
26. No. of vehicles movement/day	126																	
27. Type of Land	Govt./Non Forest Land																	
28. Ultimate Depth of Mining	3.0 m																	
29. Nearest metalled road from site	1.43 Km																	
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)																
	Drinking	0.50 KLD																
	Suppression of dust	17.16 KLD @1 L for 1 sqm (2 time a day)																
	Plantation	0.647 KLD @ 1 lit/plant																
	Total	18.30 KLD																
31. Name of QCI Accredited Consultant with QCI No	Paramarsh (Servicing Environment and Development) 116																	

period of validity.	01 May, 2021
32. Any litigation pending against the project or land in any court	No
33. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1208/MMC-30/2019-20 dated 10.07.2019
34. Details of Lease Area in approved DSR	Page No- 01 Table No- 4
35. Proposed CER cost	1.17 lacs (2% of Total Cost)
36. Proposed EMP cost	18.6 lac
37. Length and breadth of Haul Road	1.43 km and 6m
38. No. of trees to be planted	647

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-18

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes regarding mining project. The committee also stipulated following specific conditions:

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

18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan with minimum Rs. 48,32,000/- 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.
21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Width of the haul road shall be more than 6 meter.
25. 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.

19. "Gomti River Front Channelization from Harding to Gomti Weir, Lucknow. M/s Irrigation and Water Resource Department, VII Circle Irrigation work, Lucknow. File No. 4576/Proposal No. SIA/UP/MIS/ 29978/2018

The committee noted that the matter was earlier discussed in 410th SEIAA Meeting dated 11/07/2019 and directed the project proponent to submit the following information:

1. The data on aquatic ecology presented seems to be erroneous as it shows no change in aquatic ecology in project site as compared to upstream and downstream. The data needs revision in terms of total species indentified, densities of biotic communities, species diversity of phytoplankton/zooplankton, macro-invertebrates, benthic organism, quantitative analysis of phytoplankton/zooplankton and benthic organisms.
2. The no. of samples taken for study should also be mentioned.
3. The amount of sample taken for counts should be mentioned to know the unit.
4. The species found in abundance is also to be mentioned.
5. The data of aquatic biodiversity is to be co-related with the physico chemical characteristics of the water of Gomti River.
6. Shernor Wiener index may be applied on the data to account species richness and proportion of each species within the local aquatic community. The value of this index will indicate the status of pollution in river.

The project proponent submitted their replies through letter dated 18/11/2019. A presentation was made by the project proponent along with their consultant M/s Voyants. The committee gone through the file and not satisfied with the reply submitted by the project proponent/consultant. The committee advised the project proponent to contact the CPCB/UPPCB for the analysis of aquatic ecology (up-stream, project site and down-stream) of the river.

After getting the reply of the project proponent, the project should be put before the committee on priority.

(Dr. Virendra Misra)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Ramesh Chand Kataria)
Member

(Shri Meraj Uddin)
Member

(Shri Rajive Kumar)
Member

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

Annexure-1

Terms of Reference for the Mining Project

- 1) Project proponent should bring KML file at the time of EIA presentation.
- 2) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 3) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 4) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 5) All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 6) Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 8) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 9) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 10) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 11) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 12) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 13) Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
- 14) CER cost to be calculated for individual lease.
- 15) An intimation regarding conducting the monitoring to be sent to concerned District Magistrate/State Pollution Control Board office/SEIAA.
- 16) All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project

- proponent both.
- 17) Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 - 18) MOU signed between the project proponent and the consultant should be submitted.
 - 19) The lab conducting the analysis should be authenticated and registered.
 - 20) Public hearing to be conducted as per EIA Notification, 2006.
 - 21) A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
 - 22) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
 - 23) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
 - 24) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
 - 25) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
 - 26) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
 - 27) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
 - 28) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
 - 29) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
 - 30) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary

- allocation of funds for implementing the same should be made as part of the project cost.
- 31) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
 - 32) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
 - 33) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
 - 34) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
 - 35) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
 - 36) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
 - 37) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
 - 38) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
 - 39) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
 - 40) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The

Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

- 41) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 42) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 43) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 44) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 45) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 46) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 47) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 48) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 49) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 50) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 51) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 52) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 53) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of

- EMP should be clearly spelt out.
- 54) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
 - 55) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
 - 56) The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.
 - 57) Consultant should bring raw data at the time of presentation.
 - 58) In surface water quality aquatic study of phytoplankton and zooplankton.
 - 59) The baseline data should be signed by NABL/MoEF&CC accredited analyst.
 - 60) The meteorological data should be site specific.
 - 61) Details of Kachcha haul road to be made motorable. Plan should be submitted.
 - 62) Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 - 63) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
 - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
 - j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

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.

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 in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 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.