

Minutes of 472nd SEAC Meeting Dated 22/06/2020

The 472nd meeting of SEAC was held through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) on 22/06/2020. Following members were participate in the online meeting:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr. Ajoy Kumar Mandal,	Member
7.	Shri Rajive Kumar,	Member
8.	Shri Meraj Uddin,	Member
9.	Prof. S.K. Upadhyay,	Member

The Chairman welcomed the members to the 472nd SEAC meeting which was conducted online.
The SEAC unanimously took following decisions on the agenda points discussed:

1. "Ordinary Sand Mining" from Ghaghra Riverbed at Gata No.-1L, Village- Meerapur Dwaba, Tehsil-Sadar, District-Ayodhya, U.P., Shri Rajkaran Yadav, Area-2.4 ha File No. 5693/Proposal No. SIA/UP/MIN/156877/2020

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

1. The environmental clearance is sought for Sand/ Morrum Mining at Gata No.1L, Village- Meerapur Dwaba, Tehsil-Sadar, District- Ayodhya, U.P., (Leased Area : 2.4 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/156877/2020
2.	File No. allotted by SEIAA, UP	5693
3.	Name of Proponent	Shri Rajkaran Yadav
4.	Full correspondence address of proponent and mobile No.	R/o Village- Fatehpursaraiya, Tehsil - Sohawal, District – Ayodhya, Uttar Pradesh
		Mobile No-
		Email-
5.	Name of Project	Proposed riverbed Ordinary Sand mining project from Sharda River for Shri Rajkaran Yadav.
6.	Project location (Plot/Khasra/Gata No.)	1L
7.	Name of River	Ghaghra
8.	Name of Village	MeerapurDwaba
9.	Tehsil	Sadar
10.	District	Ayodhya
11.	Name of Minor Mineral	Ordinary Sand
12.	Sanctioned Lease Area (in Ha.)	2.4
13.	Max & Min mRL within lease area	Max- 89mRL and Min- 87mRL

14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	26° 48.198'N	82° 13.581'E
	B	26° 48.118'N	82° 13.716'E
	C	26° 48.070'N	82° 13.692'E
	D	26° 48.139'N	82° 13.559'E
15. Total Geological Reserves	72,000 cum		
16. Total Mineable Reserves in LOI	48,000 cum		
17. Total Proposed Production	48,000 cum		
18. Proposed Production/month	8,000 cum		
19. Sanctioned Period of Mine lease	6 months		
20. Production of mine/day	266.67		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	180 days		
23. Working hours/day	8 hrs		
24. No. of workers	51		
25. No. of vehicles movement/day	20		
26. Type of Land	Private Land		
27. Ultimate Depth of Mining	2		
28. Nearest metalled road from site	.6 km		
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.51
	Suppression of dust		9.96
	Plantation		0.05
	Others (if any)		-
	Total		10.52
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 124/तीसउपखनिज /ई०नि०निजीभूमि /कल०प्र०पत्र/2020 Dated,04.06.2020		
33. Details of Lease Area in approved DSR	Yes, Pg No. 12, Sl. No. 02		
34. Proposed CER cost	Rs98,000 /-		
35. Proposed EMP cost	Rs98,980 /-		
36. Length and breadth of Haul Road	Length: 0.830 km, width: 6 m		
37. No. of Trees to be Planted	25 plants		

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-01

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. The Environmental clearance will be co-terminus with the mining plan.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakka motorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

2. River Sand Mine at Khasra/Araji No.-391, Village- Balargua, Talbehat, District-Lalitpur, U.P., M/s Natraj Builders,(Area: 3.238 Ha) File No. 5698/Proposal No. SIA/UP/MIN/155574/2020

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

1. The environmental clearance is sought for River Sand Mine at Khasra/Araji No.-391, Village-Balargua, Talbehat, District-Lalitpur, U.P., Leased Area: 3.238 Ha), M/s Natraj Builders.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/155574/2020		
2.	File No. allotted by SEIAA, UP	5698		
3.	Name of Proponent	M/s Natraj builders Prop-Shri Kaushal Kishore Soni		
4.	Full correspondence address of proponent and mobile no.	Shri Kaushal Kishore Soni R/o-766 D, Station Road, Civil lines, Talbehat, Lalitpur, U.P. Mobile no.-9919999178 E-mail ID-natrajbuilders5418@gmail.com		
5.	Name of Project	River Sand/Morrum, Village –Balargua, Tehsil-Talbehat District–Lalitpur, Uttar Pradesh		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –391, Village –Balargua, Tehsil-Talbehat, District–Lalitpur, Uttar Pradesh		
7.	Name of River	NA		
8.	Name of Village	Balargua		
9.	Tehsil	Talbehat		
10.	District	Lalitpur		
11.	Name of Minor Mineral	River Sand/Morrum		
12.	Sanctioned Lease Area (in Ha.)	3.238 ha.		
13.	Max. & Min mRL within lease area	Highest mRL is 294 & Lowest Is 293 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
		A	24°59'41.00"N	78°37'6.00"E
		B	24°59'51.90"N	78°37'17.60"E
		C	24°59'59.20"N	78°37'22.00"E
		D	25°0'2.70"N	78°37'22.20"E
		E	25°0'2.60"N	78°37'23.70"E
		F	24°59'58.70"N	78°37'23.30"E
		G	24°59'51.30"N	78°37'18.70"E
		H	24°59'40.10"N	78°37'6.90"E
15.	Total Geological Reserves	58080 m ³		
16.	Total Mineable Reserve in LOI	8430 m ³		
17.	Total Proposed Production	8095 m ³ /year		
18.	Proposed Production /year	8095 m ³ /year		
19.	Sanctioned Period of Mine lease	3.238 ha.		
20.	Production of mine/day	29 m ³ /day		
21.	Method of Mining	Opencast manual		
22.	No. of working days	275		
23.	Working hours/day	8		
24.	No. of worker	10		
25.	No. of vehicles movement/day	3		
26.	Type of Land	Revenue land		
27.	Ultimate of Depth of Mining	1m		

28.	Nearest metalled road from site	520m
29.	Water Requirement	PURPOSE
		Drinking
		Suppression of dust
		Plantation
		Others (if any)
		Total
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 78, VALID TILL 03/04/2021
31.	Any litigation pending against the project or land in any court	No
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Vide letter no. 36/30/mines 2020-21 dated 11/05/2020.
33.	Details of Lease Area in approved DSR	3.238 ha.
34.	Proposed CER cost	0.44 lakh
35.	Proposed EMP cost	Total project cost-22 lakh
36.	Length and breadth of Haul Road	520m & 6m
37.	No. of Trees to be Planted	300

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-02

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

1. The mining will be open-cast and exclusively manual.
2. An affidavit from project proponent mentioning that only loading will be done with machine.
3. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
4. Environment management in according to environmental status and impact of the project.
5. Selection of plants for green belt should be on the basis of pollution removal index.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakka motorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
11. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
12. 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.

13. Provision for cylinder to workers should be made for cooking.
14. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
15. Provide suitable mask to the workers.
16. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
17. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
18. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
19. Provision for two toilets and hand pumps should be made at mining site.
20. Drinking water for workers would be provided by tankers.
21. 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.
22. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
23. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
24. 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.
25. 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.
26. 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.
27. Width of the haul road shall be more than 6 meter.
28. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

3. Sand Mining from Ghaghra River bed at Gata No.-1La, Village-Meerapur Dwaba, Tehsil-Sadar, Ayodhya, U.P., M/s Mahakal Traders Area-2.5 ha File No. 5704/Proposal No. SIA/UP/MIN/157272/2020

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

1. The environmental clearance is sought for Sand Mining from Ghaghra River bed at Gata No.-1La, Village-Meerapur Dwaba, Tehsil-Sadar, Ayodhya, U.P., M/s Mahakal Traders (Leased Area-2.5 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/157272/2020
2. File No. allotted by SEIAA, UP	5704
3. Name of Proponent	M/s Mahakal Traders Authorized Signatory-Shri Omkar Singh
4. Full correspondence address of proponent and mobile no.	M/s Mahakal Traders Proprietor-Shri Omkar Singh S/o Shri Harimangal Singh R/o Village - Dhaurhra, P.O. – Pipra Gautam, District - Basti, Uttar

	Pradesh- 272124.		
5. Name of Project	Ordinary sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1 La		
7. Name of River	Ghaghra River		
8. Name of Village	Meerapur Dwaba		
9. Tehsil	Sadar		
10. District	Ayodhya		
11. Name of Minor Mineral	Ordinary sand		
12. Sanctioned Lease Area (in ha)	2.5ha		
13. Mineable Area (in ha)	2.5 ha		
14. Zero level mRL	84mRL		
15. Max. & Min mRLwithin lease area	92mRL and89mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	B	26° 48.118'N	82° 13.716'E
	C	26° 48.045'N	82° 13.837'E
	D	26° 47.995'N	82° 13.772'E
	E	26° 48.070'N	82° 13.692'E
17. Total Geological Reserves	83,459 m ³		
18. Total Mineable Reserves in LOI	50,000m ³ for 6 months		
19. Total Proposed Production	50,000 m ³ for 6 months		
20. Proposed Production/year	50,000m ³ ordinary sand will be excavated in 06 months		
21. Sanctioned Period of Mine lease	6 months		
22. Production of mine/day	277m ³ /day		
23. Method of Mining	Opencast semi mechanized		
24. No. of working days	180 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52labours		
27. No. Of vehicles movement/day	18units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	2.9404 m (say 3 m)		
30. Nearest metalled road from site	NH- 28 (Basti-Lucknow Road)- 0.70 km*(SW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	4.2	
	Plantation	0.06	
	Others (Stored water)	0.01	
	Total	4.78 KLD	
32. Name of QCI Accredited Consultant with QCI Noand period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd.NABET/EIA/1821/SA 102and Valid till 25/02/2021		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map &certificate verified by Mining Officer	Cluster certificate issued by DMO Ayodhya Letter No.130/Tees Upkhanij/EoNioNijiBhumi/ Cluster/ 2020dated 05/06/2020		
35. Details of Lease Area in approved DSR	-		
36. Proposed CER cost	2% of total project cost i.e. Rs.9,93,38/-		
37. Proposed EMP cost/Total Project Cost	Rs.1,88,940/-&49,66,940/- respectively		
38. Length and Width of Haul Road	Unpaved Length 0.71 km		
39. No. of Trees to be Planted	13		

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 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. The Environmental clearance will be co-terminus with the mining plan.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. Selection of plants for green belt should be on the basis of pollution removal index.
5. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
6. Pakka motorable haul road to be maintained by the project proponent.
7. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
8. Permission from the competent authority regarding evacuation route should be taken.
9. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
10. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
11. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
12. Provision for cylinder to workers should be made for cooking.
13. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
14. Provide suitable mask to the workers.
15. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
16. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
17. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
18. Provision for two toilets and hand pumps should be made at mining site.
19. Drinking water for workers would be provided by tankers.
20. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
21. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
22. Corporate Environmental Responsibility (CER) plan 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.
23. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.

24. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
25. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
26. Width of the haul road shall be more than 6 meter.
27. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

4. Sand Mining from Ghaghra Riverbed at Gata No.-83, Village- Kalafarpur Manjha, Tehsil-Sadar, Ayodhya, Shri Sant Prasad Jaiswal, U.P., (Area-6 ha) File No. 5695/Proposal No. SIA/UP/MIN/53701/2020

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

1. The environmental clearance is sought for Ordinary Sand Mining at Gata No. 83, Village- Kalafarpur Manjha, Tehsil-Sohawal, District- Ayodhya, U.P., (Leased Area 6.0 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/53701/2020		
2. File No. allotted by SEIAA, UP	5695		
3. Name of Proponent	Shri Sant Prasad Jaiswal		
4. Full correspondence address of proponent and mobile No.	Village- Salhepur Nimaicha, Tehsil - Sohawal, District – Ayodhya (U.P.)		
	Mobile No-		
	Email-		
5. Name of Project	Proposed riverbed Ordinary Sand mining project from Ghaghra River for Shri Sant Prasad Jaiswal		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 83		
7. Name of River	Ghaghra		
8. Name of Village	Kalafarpur Manjha		
9. Tehsil	Sohawal		
10. District	Ayodhya		
11. Name of Minor Mineral	Ordinary Sand		
12. Sanctioned Lease Area (in Ha.)	6.0		
13. Max & Min mRL within lease area	100 mRL & 98.215 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	26°47'25.40"N	81°54'58.70"
	B	26°47'25.60"N	81°55'5.70"E
	C	26°47'15.80"N	81°55'6.80"E
	D	26°47'15.70"N	81°54'59.40"E
15. Total Geological Reserves	1,50,760cum		
16. Total Mineable Reserves in LOI	90,000cum		
17. Total Proposed Production	4,50,000 cum		
18. Proposed Production/year	90,000 cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	346.15		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	260 days		

23. Working hours/day	8 hrs	
24. No. of workers	61	
25. No. of vehicles movement/day	26	
26. Type of Land	Government waste land	
27. Ultimate Depth of Mining	1.785	
28. Nearest metalled road from site	1.5 km	
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.61
	Suppression of dust	5.47
	Plantation	.36
	Others (if any)	-
	Total	6.44
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
31. Any litigation pending against the project or land in any court	No	
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 128/तीस उपखनिज क्ल०प्र०पत्र/2020, Dated 05-06-2020.	
Details of Lease Area in approved DSR	Yes, Page No. 55 Sl. No. 55	
33. Proposed CER cost	Rs 6,29,000 /-	
34. Proposed EMP cost	Rs 28,72,108 /-	
35. Length and breadth of Haul Road	Length: 0.447 km, width: 6 m	
36. No. of Trees to be Planted	180 plants	

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-04

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

Additional TORs:

1. Factual report from District Mining Officer, Ayodhya for providing the details regarding total area, workable and non workable area (submersed area) alongwith volume as per SSMMG, 2016 and geo coordinates with date and time should be provided at the time of EIA presentation.
5. **Building Stone (Khanda, Gitti & Boulder) Mine at Gata No.-587 (Khanda No.-07), at Village- Nahari, Banda., M/s S. S. Innovation LLP, Area-2.0 ha File No. 5494/4837/Proposal No. SIA/UP/MIN/50571/2019**

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

1. The environmental clearance is sought for Building Stone (Khanda, Gitti & Boulder) at Gata No.- 587 (Khand No.- 07), Village- Nahari, Tehsil- Naraini, District- Banda, U.P. M/s S.R. Innovation LLP, (Applied Area- 2.00 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 265/Parya/SEAC/4837/2019, dated: 24th Sep., 2019.
3. The public hearing was organized on 07/12/2019. Final EIA report submitted by the project proponent on 10/02/2020.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/50571/2019		
2.	File No. allotted by SEIAA, UP	5494/4837		
3.	Name of Proponent	M/s S.R. Innovation LLP, Prop.- Shri Surendra Puniya S/o Shri Dharmpal Puniya		
4.	Full correspondence address of proponent and mobile no.	R/o- 1051, Sec- 17B, IFFCO Colony, District- Gurugaon, Haryana		
		Mobile No.		
		E-mail ID		
5.	Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 587 (Khand No.- 07)		
7.	Name of River	Not Applicable		
8.	Name of Village	Nahari		
9.	Tehsil	Naraini		
10.	District	Banda		
11.	Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)		
12.	Sanctioned Lease Area (in Ha.)	2.00 ha.		
13.	Max.& Min mrl within lease area	184.0 mRL- 160.0 mRL		
14.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 05' 24.74"	80° 22' 01.30"
		B	25° 05' 30.31"	80° 22' 03.81"
		C	25° 05' 29.30"	80° 22' 05.83"
		D	25° 05' 32.87"	80° 22' 07.41"
		E	25° 05' 32.26"	80° 22' 08.22"
		F	25° 05' 23.84"	80° 22' 04.46"
		G	25° 05' 23.79"	80° 22' 03.37"
15.	Total Geological Reserves	15,00,597 m ³		
16.	Total Mineable Reserves	6,92,247 m ³		
17.	Total Proposed Production (in five year)	1,00,000 m ³		
18.	Proposed Production / year	Year	Production	
		1 st	20,000 m ³	
		2 nd	20,000 m ³	
		3 rd	20,000 m ³	
		4 th	20,000 m ³	
		5 th	20,000 m ³	
		Total	1,00,000 m ³	
		19.	Sanctioned Period of Mine lease	10 Year
20.	Production of mine/day	66.67 m ³ (average)		
21.	Method of Mining	Opencast Semi-Mechanized		
22.	No.of working days	300 days		
23.	Working hours/day	8 Hours/Day		
24.	No.Of workers	33 (average)		
25.	No.Of vehicle movement /day	8 (average)		
26.	Type of Land	Govt. Revenue Land		
27.	Ultimate Depth of Mining	06 meter (average)		
28.	Nearest metalled road from site	0.15 km		

29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.35
		Suppression of dust	1.80
		Plantation	0.25
		Others(if any)	-----
		Total	2.40
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/1821/RA0120, Validity-01/05/2021	
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	DMO, Banda vide Letter No. 4866/khanij-30, Banda, Dated 07 th March, 2020	
33.	Details of Lease Area in approved DSR	Sudhi Patra No.-1374/ khanij-30, Banda, Dated 13 th August, 2019 at S.No.- 58.	
34.	Proposed CER cost	1.30 Lakh	
35.	Proposed EMP cost	11.61 Lakh	
36.	Length and breadth of Haul Road.	Length- 0.15 Km, Width- more than 6.0 m	
37.	No. of Trees to be Planted	210	

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-05

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-4 to these minutes.

6. **Common Biomedical Waste Management Treatment Storage and disposal facility at Gata No.-01 & 77, Village-Bachati Bangar, Tehsil-Sikandra, District- Kanpur Dehat, U.P., M/s Restore Health Medicare Pvt. Ltd. File No. 5651/Proposal No. SIA/UP/IND2/52662/2020**

RESOLUTION AGAINST AGENDA NO-06

The committee observed that the PP/consultant has not submitted any document in the official file/circulation. Hence, the committee directed to defer the matter from the agenda and will be discussed only after submission of online information/request on prescribed portal.

7. **Cement Grinding Unit-2 for proposed production of 1.5 MTPA at Khasra No.-87, 88Kha, 89, 34K, 35, 88Mi, 85Ka, 86, 91Ga, 91Ka, 92, Village- Ratapur, District-Amethi, U.P., M/s Kanodia Cement Pvt. Ltd. File No. 5652/Proposal No. SIA/UP/IND/ 52965/2020**

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Paramarsh. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Cement Grinding Unit-2 for proposed production of 1.5 MTPA at Khasra No.-87, 88Kha, 89, 34K, 35, 88Mi, 85Ka, 86, 91Ga, 91Ka, 92, Village- Ratapur, District-Amethi, U.P., M/s Kanodia Cement Pvt. Ltd.

2. Salient features of the project:

S. No.	Name of the project	Cement Grinding Unit
1	S. No. in the Schedule	3 (b)
2	Name of the Applicant	Mr. Vishal Kanodia
3	Site Address	M/s Kanodia Cem Pvt Limited Unit-2 at Khasra No. 87, 88 kha, 89, 34 k, 35, 88 me, 85 ka, 86, 91 ga, 91 ka, 92 Village Ratapur, Amethi-227405
4	Raw material	Clinker, Gypsum, and Fly Ash
5	Area	Total Area 5.013 ha
6	Latitude and Longitude	26° 7.262'N and 81° 58.143'E
7	Capacity	1.5 MTPA (Million Ton per annum)
9	Cost of Project	156.55 crores
10	CER Cost @2%	3.131 Crore (2% CER will be utilized for health check up of workers, education and primary school etc.)
11	Manpower Requirement	60
12	Power Requirement	Power consumption is 7000 KVA from power corporation and DG of 45 KVA and 400 KVA shall be installed
13	Water Requirement	10.0 KLD
14	Drain	1.10 Km (W)
15	Nearest Railway Station/airport along with distance in kms	Amethi Railway Station- 16 km Lucknow Airport – 130 km (NW)
16	Nearest town	Town: Amethi : 16.0 km (NW)
17	Name of the Applicant	Mr. Vishal Kanodia
18.	Available Land and Breakup: Total Plot Area 5.013 ha Total Open and Green area 1.65 ha 33% area will be developed into green belt. Power Requirement: Power consumption is 7000 KVA from power corporation and DG of 45 KVA and 400 KVA shall be installed. Water Requirement: 10.0 KLD (Ground Water) Liquid Waste: Only domestic sewage for which septic tank with soak pit has been proposed. Solid Waste: Ash will be generated from the combustion of coal used in HAG and the entire quantity of ash will be used in manufacturing.	

3. The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended to issue terms of reference (TOR) for the preparation of Environment Impact Assessment Report (EIA) regarding the project:

- 1) Revised form-1 is to be submitted.
- 2) Executive Summary.
- 3) Introduction:
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 4) Project Description
 - i. Cost of project and time of completion.
 - ii. Products with capacities for the proposed project.
 - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
 - iv. List of raw materials required and their source along with mode of transportation.
 - v. Other chemicals and materials required with quantities and storage capacities

- vi. Details of Emission, effluents, hazardous waste generation and their management.
- vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
- ix. Hazard identification and details of proposed safety systems.
- x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

5) Site Details

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

- xiii. R&R details in respect of land in line with state Government policy
- 6) Forest and wildlife related issues (if applicable):
- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
 - ii. Landuse map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
 - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
 - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
 - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
 - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife
- 7) Environmental Status:
- i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
 - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
 - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQPM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
 - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
 - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
 - vi. Ground water monitoring at minimum at 8 locations shall be included.
 - vii. Noise levels monitoring at 8 locations within the study area.
 - viii. Soil Characteristic as per CPCB guidelines.
 - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
 - xi. Socio-economic status of the study area.
- 8) Impact and Environment Management Plan
- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP

Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.

- ii. Water Quality modelling - in case of discharge in water body
 - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
 - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
 - v. Details of stack emission and action plan for control of emissions to meet standards.
 - vi. Measures for fugitive emission control
 - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
 - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
 - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
 - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
 - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
 - xii. Action plan for post-project environmental monitoring shall be submitted.
 - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 9) Occupational health:
- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
 - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
 - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what

- measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
- iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 10) Corporate Environment Policy:
 - i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
 - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
 - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
 - iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
 - 11) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
 - 12) Corporate Environmental Responsibility (CER):
 - i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
 - ii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
 - iii. A tabular chart with index for point wise compliance of above TOR.
 - 13) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
 - 14) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;
 - 15) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
 - 16) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
 - 17) If the raw materials used have trace elements, an environment management plan shall also be included.
 - 18) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
 - 19) Energy consumption per ton of clinker and cement grinding
 - 20) Provision of waste heat recovery boiler
 - 21) Arrangement for use of hazardous waste

8. Cement Production 54000 Tonne per year at Khasra No.-158 Mi, Village-Mai, Rampur, Tehsil-Mariyahu, Jaunpur. M/s J. P. Cement & Chemicals. File No. 5684/Proposal No. SIA/UP/IND/53627/2020

RESOLUTION AGAINST AGENDA NO-08

The committee observed that the PP/consultant has not submitted any document in the official file/circulation. Hence, the committee directed to defer the matter from the agenda and will be discussed only after submission of online information/request on prescribed portal.

9. Affordable Housing "Gopal Kiran" Under Pradhan Mantri Awas Yojna, at Khasra No.-1000 & 1004, Village-Khera Dehat, Dholana, Hapur., M/s Eureka Builders(P) Ltd. File No. 5602/Proposal No. SIA/UP/NCP/52287/2020

RESOLUTION AGAINST AGENDA NO-09

The PP/consultant applied for TOR. The committee discussed the matter and observed that since it is the case of appraisal (8a) the project proponent/consultant should apply a fresh as per OM no. 22-23/2018-IA.III dated 13/03/2020 issued by MoEF&CC, Govt. of India.

10. Institutional Building on Plot No- B-31 & B-32, Sector-132, Noida, District- Gautam Buddha Nagar, U.P., M/s Enpro Telecom Pvt. Ltd. File No. 5614/Proposal No. SIA/UP/NCP/52421/2020

RESOLUTION AGAINST AGENDA NO-10

The PP/consultant applied for TOR. The committee discussed the matter and observed that since it is the case of appraisal (8a) the project proponent/consultant should apply a fresh as per OM no. 22-23/2018-IA.III dated 13/03/2020 issued by MoEF&CC, Govt. of India.

11. Expansion of Group Housing Project "Capital Atherna" at Plot No.- GH-12A-2, Sector-01, Greater Noida, U.P., M/s Capital Infratech Homes Pvt. Ltd. File No. 5647/Proposal No. SIA/UP/NCP/52852/2020

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s GRC India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Expansion of Group Housing Project "Capital Atherna" at Plot No.- GH-12A-2, Sector-01, Greater Noida, U.P., M/s Capital Infratech Homes Pvt. Ltd.
2. Salient features of the project:

Sr. No.	Particulars	Existing	Expansion	Total Area (in m ²)
1.	Latitude	28°57'44.57" N	28°57'44.57" N	
2.	Longitude	77°42'78.60" E	77°42'78.60" E	
3.	Plot Area	33,941.79 m ²	--	33,941.79 m ²
4.	Proposed Ground Coverage	6,913.34 m ²	922.138	7,835.478
5.	Proposed FAR	93,261.47 m ²	31,430.991 m ²	1,24,692.46 m ²
6.	Non FAR Area	--	25,807.076 m ²	25,807.076 m ²
7.	Total Built Up area	1,62,110.39 m ²	43,000.329 m ²	2,05,110.719 m ²
8.	Total Green Area with Percentage	14,734.72 m ²	1,227.624 m ²	15,971.344 m ²
9.	Rain Water Harvesting Pits	11	0	11
10.	STP Capacity	500 KL		450 KL
11.	Total Parking	56,799.18	--	56,595.902 m ²
12.	Organic Waste Converter	1	0	1
13.	Maximum Height of the Building (m)	77.65 m		77.65 m
14.	Power Requirement	6,858.125 kVA	--	8,608.75 kVA
15.	Power Backup	5625 kVA (3x1875 kVA)	--	4040kVA (4x1010 kVA)
16.	Total Water Requirement	503.25 KLD		504 KLD
17.	Domestic Water Requirement	--		440 KLD
18.	Fresh Water Requirement	321 KLD		327 KLD

19.	Waste Water Generated	394 KLD		375 KLD
20.	Solid Waste Generated	2,757.15 kg/day	--	2,628 kg/day
21.	Biodegradable Waste	1,654.2 kg/day	--	1,577 kg/day
22.	Dwelling Units/ EWS	--	--	1,082
23.	Salable Units	--	--	--
24.	Basement	--	--	--
25.	Community Center	1	0	1
26.	R+U Value of Material used (Glass)	2.518	0	2.518
27.	Total Cost of the project:	--	--	INR 350 crores

3. The project proposal falls under category–8(b) 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 regarding the project as follows:

1. Certified compliance report for the earlier environmental clearance should be provided at the time of EIA presentation.
2. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
3. Allotment letter from concerned development authority.
4. All approved drawings/maps alongwith approved services plans.
5. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
6. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
7. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
8. Physical features within 30 m of the project sites with their ownership.
9. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
10. Use of reflecting paints on roof top and side walls.
11. Details of rain water harvesting are to be given.
12. Provision of 100% solar lighting along the road site, stair cases, common places.
13. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
14. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
15. Water requirement and its management plan along with necessary permissions for discharge.
16. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
17. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
18. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
19. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.

20. Landscape plan, green belts and open spaces may be described separately.
21. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
22. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
23. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
24. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
25. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
26. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
27. Identification of recyclable wastes and waste utilization arrangements may be made.
28. Explore possibility of generating biogas from biodegradable wastes.
29. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
30. Provisions made for safety in storage of materials, products and wastes may be described.
31. Disaster management plan should be prepared.
32. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
33. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
34. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
35. Provide service road for entry and exit to project site.
36. Use of local building materials should be described.
37. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
38. Work out MGLC for the combined capacity of DG sets.
39. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
40. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
41. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
42. Corporate Environmental Responsibility (CER) 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. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
43. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
44. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
45. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to

be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.

46. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
 - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
 - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
 - III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
 - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
- c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
- h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

12. "Noida Convention and Habitat Centre" at Sector-94, Noida, District-Gautam Budh Nagar, U.P., M/s New Okhila Industrial Development Authority. File No. 5650/Proposal No. SIA/UP/NCP/52938/2020

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for "Noida Convention and Habitat Centre" at Sector-94, Noida, District-Gautam Budh Nagar, U.P., M/s New Okhila Industrial Development Authority.
2. Total Plot area of the project is 97,000 sqm, and total Built-up Area is 1,58,189.68 sqm.
3. Max. No of floors are 2B+LG+UG+31.
4. Expected population (all floating) will be 19279.
5. Salient features of the project:

Sl. No.	Description	Quantity	Unit
GENERAL			
1	Plot Area	97000	SQMT
2	Pocket Area of Phase - 1	41735	
3	Proposed Built Up Area	158189.68	SQMT
4	Max Height of Building (Habitat Block)	155.5	M
5	Max No of Floors- Habitat Block (Including 3 Nos Service Floors)	2B+LG+UG+31	No.
6	Expected Population (All Floating)	19279	No.
7	Cost of Project	684	CR
8	Project Activity In Phase -1 : Convention & Habitat Centre - Exhibition halls, Conference Halls, Banquet Halls, Auditoriums, Training Halls, Food Court, Fine Dining, etc.		
AREAS			
9	Proposed Ground Coverage Area	8600	SQMT
10	Permissible FAR Area (472.5)	458325	SQMT
11	Proposed FAR Area	54100	SQMT
12	Proposed Total Non FAR Areas	104089.68	SQMT
13	Proposed Total Built Up Area	158189.68	SQMT
WATER			
14	Total Water Requirement	880.34	KLD
15	Fresh water requirement	301.00	KLD
16	Treated Water Requirement	579.35	KLD
17	Waste water Generation	505.07	KLD
18	Proposed Capacity of STP	610	KLD
19	Treated Water Available for Reuse	454.56	KLD
20	Treated Water Recycled	579.35	KLD
21	Discharge to Municipal Sewer	Zero	KLD
22	Additional treated water required	124.79	KLD
RAIN WATER HARVESTING			
23	No of RWH of Pits Proposed	24	No.
PARKING			
24	Proposed Total Parking	3579	ECS
25	Parking on Surface	20	ECS
26	Parking in Basements	3559	ECS
GREEN AREA			
28	Proposed Green Area	6000	SQMT
WASTE			
29	Total Solid Waste Generation	3.13	TPD
30	Organic waste	1.90	TPD
31	Quantity of Hazardous waste Generation – Waste Oil (Gas Based Gen)	0.00	LPD
32	Quantity of Sludge Generated from STP	35	KG/DAY

ENERGY			
33	Total Power Requirement	6365	KVA
34	Gas Based Generator set Power backup	6410	KVA
35	No of Gas Based Generator Sets	4	No.

6. Water requirement details:

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
OFFICE/ CONVENTION CENTRE (Working)			
DOMESTIC	7368	25	184.19
FLUSHING	7368	20	147.35
VISITORS			
DOMESTIC	11090	5	55.45
FLUSHING	11090	10	110.90
FOOD COURT			
DOMESTIC	461	25	11.52
FLUSHING	461	10	4.61
FINE DINING			
DOMESTIC	361	55	19.84
FLUSHING	361	15	5.41
TOTAL POPULATION	19279		
	Area in sqm		
GARDENING	6000	4	24
	KVA		
GG COOLING	6410	0.9	23.08
	Tonnage		
AIRCONDITIONING	3300	10	264
WATER BODY/FOUNTAIN	1		10
FILTER BACKWASH		LS	20
TOTAL WATER REQUIREMENT			880
STP Capacity : 610 KLD			

7. The project proposal falls under category–8(b) 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 regarding the project as follows:

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.

11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
21. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.
27. Explore possibility of generating biogas from biodegradable wastes.
28. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
34. Provide service road for entry and exit to project site.
35. Use of local building materials should be described.
36. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
37. Work out MGLC for the combined capacity of DG sets.

38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
41. Corporate Environmental Responsibility (CER) 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. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
42. Required no of trees should be proposed @ 01 tree/80 m², submit plan.
43. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.
44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
45. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
 - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
 - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
 - III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
 - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
- c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.

- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
- h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

13. Environment Clearance of Group Housing at Plot no.- GH-06 at Sector-22D, G.B. Nagar, Yamuna Expressway (YEIDA) , U.P. File No. 2361

The committee noted that an application dated 05/06/2014 was made by the project proponent for environmental clearance for Group Housing Project at Plot No-GH-06, at Sector-22D, G.B. Nagar, Yamuna Expressway, U.P. M/s Yamuna Expressway Industrial Development Authority. Terms of reference in the matter were prescribed in SEAC meeting dated 03/03/2015. Final EIA submitted through letter dated 09/09/2016.

The EIA report was appraised by the 300th SEAC meeting dated 24/12/2016 and the SEAC directed the project proponent to submit following information:

“The committee discussed the matter and directed the project proponent to submit structure designs duly signed by qualified structure engineer and vetted by competent authority/institution, preferably from IIT should be submitted alongwith certificate and signature in all maps.”

The project proponent submitted their replies vide letter dated 21/02/2017 and 28/02/2020. A presentation was made by the project proponent along with their consultant M/s Ascenso Enviro Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Revised Environmental Clearance for Group Housing at Plot No-GH-06, at Sector-22D, G.B. Nagar, Yamuna Expressway. Smt. Meena Bhargava U.P, U.P. M/s Yamuna Expressway Industrial Development Authority.
2. Salient feature details:

1.	Category of the Project	8 (b)
2.	Name and Location of the Project	Proposed Group Housing Project at GH -06, Sector 22 D, YamunaExpress Way Industrial Development Authority, Gautam BudhNagar, Uttar Pradesh.
3.	Developers of the project	Yamuna Expressway Industrial Development Authority
4.	Coordinate of pro ject site	Latitude: 28°18'37.31"N Longitude: 77°32'35.24" E
5.	Total Plot Area	70,705.9 Sq.m.
6.	Built-up Area (FAR + Non-FA R)	1,62,046 Sq.m (revised)
7.	No. of Dwelling Units Proposed	22402240
8.	Total Population	15,733
9.	Total Water Consumption & Source	1148 KLD (Source: Municipal Water Supply)

10.	Total Freshwater Requirement	779 KLD
11.	STP Capacity & Technology	1110 KLD, Fluidized Bed Reactor (FBR)
12.	Power Requirement & Source	5,485.55kW (Source: Noida Power Company Limited (NPCL))
13.	Power Backup	7,010 KVA (4 x 1500 + 1 x 1010)
14.	Total Parking provided	1,670 ECS
15.	Solid Waste Generated	6,027.8 kg / day
16.	No. of RW H Pits	15 pits

8. Detailed area statement:

S.No.	Particulars	Area in Sq.m.	Percentage
1	Total Plot Area	70,705.9	---
2	Permissible Ground Coverage	28,282.4	40% of p lot area
3	Proposed Ground Coverage	22,622.0	31.99% of plot area
	Residential Ground coverage	20,742.0	91.6% of Proposed Ground coverage
	Co mmercial ground coverage		
	Co mmunity ground coverage	680.0	3.0% of Proposed Ground coverage
	Nursery ground coverage	600.0	2.6% of Proposed Ground coverage
		600.0	2.6% of Proposed Ground coverage
4	Permissible FA R	212,118	300 % of Plot Area
5	Total Proposed FAR @2.01	1,42,296	201.2 % of Plot area
	Proposed FAR of 1BHK Block-A	59,418.2	41.7 % of Proposed FAR
	Proposed FAR of 2BHK Block	74,227.6	52.1% Of Proposed FAR
	FAR of Commercial	3,400	2.38% Of Proposed FAR
	FAR of Nursery school	2,250	1.58% Of Proposed FAR
	FAR of Community Centre	3,000	2.1% Of Proposed FAR
6	Total Stilt area	19,750.00	27.9 % of Plot area
7	Open area	48,084.00	60% of Plot area
8	Required Green area 50 % of open area	24,041.94	34% Of Plot area
9	Proposed Green area 52.49 % of open area	25,239.90	35.6% of Plot area
10	Built up area	1,62,046.00	----
9.	Land use description:		
	Type of Land Use	Area (hectare)	Area (Sq. Km)
	Settlement	1135.64	11.3564
	Open land	3867.61	38.6761
	Water Bodies	113.24	1.1324
	River/Nala	346.06	3.4606
	Vegetation	551.35	5.5135
	For est	262.08	2.6208
	Agricultural Land	5370.11	53.7011
	Agricultural Fallow land	20632.84	206.324
	San d	294.16	2.9416
	Tot al	32573.09	325.739
			100.00

10. Water supply and requirement:

Description	Population	Unit water consumption (ltrs.)	Total water required (KLD)	water requirement for domestic use (KLD)	Flushing/ Recycled water (KLD)
Main Dwelling units	11,200	86	963.20	728.00	235.20
Commercial Population	850	45	38.25	12.75	25.50
Community Centre	2,000	15	30.00	12.00	18.00
Nursery School	563	45	25.33	8.44	16.89

Floating Population	1,120	15	16.80	6.72	10.08
Horticulture		1	25.23	---	---
DG Cooling		0.9l/ KVA/6 hrs	37.85	---	---
Fire fighting		1 % of total water requirement	11.36	---	---
Total		1,148.03	767.91	305.67
			say 1,148	say 768	say 306

11. Landscape calculation:

Total Plot area	70,705.9mP ²
Open Area (60% of p lot area)	48,048.0 mP ²
Landscape are required@ 50% of open area	24,041.94 mP ²
Landscape are provided@ 52.49% of open area	25,239.90 mP ²
Green Belt @16% of plot area(44.82% of Landscape area)	11,312.944 m ²
Green lawn Area @ 19.69% of p lot Area (55.18% of landscape Area)	13,926.956 m ²
Number of trees required @ 1 tree per 80 Sq. m of plot area	=70,705.9/ 80 =884

12. Solid waste generation details:

S. No.	Category of Solid Waste	Waste Generation Rate	Formula	Total Population	Waste Generated
1	Residential Refuse (Residents+ Visitors)	0.3to0.6kg/cap/day	Total Population*0.45	12,320	5544
2	Institutional Refuse	0.05to0.2kg/cap/day	Total Population*0.1	563	56.3
3	Commercial Refuse	0.1to0.2 kg/cap/day	Total Population*0.15	2,850	427.5
	Total				6,027.8 kg/day

13. The project is covered under category 8 "b" of EIA notification, 2006.

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) 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. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction

phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.

28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.
33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

14. Soil Mining at Gata No.-146 I, 123, 124, 21, 127, Village-Kurreva mu Khanpur, Tehsil-Puwanya, Shahjahanpur, U.P. Shri Rajesh Kumar Verma, Area: 4.8 ha) File No. 5685/Proposal No. SIA/UP/MIN/156131/2020

RESOLUTION AGAINST AGENDA NO-14

In the light of MoEF&CC, GOI notification S.O. 1224(E) dated 28.03.2020 and Environment, Forest & Climate Change, Section -7, Government of UP G.O. No. 446/81-7-2020-39(parya)/2014 TC-1 dated 01.05.2020, the committee recommended that the matter should be referred back to the project proponent/consultant and project proponent should be advised to proceed as per above notification & Government Order. Accordingly the file should be closed. The file shall not be treated as pending at Secretariat level.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajiv kumar)
Member

(Dr. Sarita Sinha)
Member

(Prof. S.K. Upadhyay,)
Member

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

Terms of Reference for the Mining Project

- 1) Latest Site Pit photographs (May-June, 2020) should be submitted with date and time.
- 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 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).
- 6) 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.
- 7) 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.
- 8) 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.
- 9) 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.
- 10) 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.
- 11) 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.
- 12) 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.
- 13) 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.

- 14) 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.
- 15) 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.
- 16) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 17) 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.
- 18) 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.
- 19) 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.
- 20) 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.
- 21) 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).
- 22) 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.

- 23) 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.
- 24) 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.
- 25) 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.
- 26) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 27) 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.
- 28) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 29) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in

truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 45) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.

- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

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

General Conditions:

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

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

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

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

Annexure-3

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 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.

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded on the company's website and also displayed at website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to day hours time only.
15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

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

B. Specific Conditions:

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
3. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
4. The Environmental clearance will be co-terminus with the mining lease period.
5. Explosive cannot be stored on the site.
6. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.
7. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
8. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
9. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
10. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
11. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people

- for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
12. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
 13. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
 14. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
 15. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
 16. Rain water harvesting shall be undertaken to recharge the ground water source.
 17. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
 18. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
 19. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De- silting at regular intervals shall be carried out.
 20. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
 21. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.
 22. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
 23. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
 24. Corporate Environmental Responsibility (CER) shall be 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.
 25. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
 26. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for

- workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
27. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
 28. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
 29. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
 30. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
 31. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
 32. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
 33. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.
 34. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
 35. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
 36. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
 37. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 38. Project Proponent shall explore the possibility of using solar energy where ever possible.
 39. Commitment towards CER has to be followed strictly.
 40. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
 41. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
 42. The blasting will be done only after getting the permission from the Mining Department.