

### **Minutes of 490<sup>th</sup> SEAC Meeting Dated 14/09/2020**

The 490<sup>th</sup> meeting of SEAC was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 14/09/2020. 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 490<sup>th</sup> SEAC meeting which was conducted online.

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

**1. Sand Stone Mining at Gata No./Khasra No.- 258, Village - Baluwa Bajahur, Tehsil- Chunar, District-Mirzapur., Smt. Kusum Kali, Area-0.7 ha. File No. 5786/Proposal No. SIA/UP/MIN/164925/2020**

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

1. The environmental clearance is sought for Sand stone (Building Stone) Mining at Araji/Gata no.-258, Village-Baluwa Bajahur, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-0.7 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/164925/2020
2.	File No. allotted by SEIAA, UP	5786
3.	Name of Proponent	Smt. Kusum Kali & Smt. Asha Singh
4.	Full correspondence address of proponent and mobile no.	Smt. Kusum Kali & Smt. Asha Singh R/o 125/1A, Om Gayatri Nagar, Chandapur, Salori, Allahabad, U.P. Mobile no.- E-mail ID- ashasingh5418@gmail.com
5.	Name of Project	Sandstone (Building Stone) Mining, Village –Baluwa Bajahur, Tehsil-Chunar District–Mirzapur, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –258, Village –Baluwa Bajahur, Tehsil-Chunar, District–Mirzapur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Baluwa Bajahur
9.	Tehsil	Chunar
10.	District	Mirzapur
11.	Name of Minor Mineral	Sandstone(Building Stone) Mining
12.	Sanctioned Lease Area (in Ha.)	0.7 ha. (1.73 acre)
13.	Max. & Min mRL within lease area	Highest mRL is 96.2 & Lowest Is 93.5 mRL

14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	24° 57'27.65"N	82°53'4.22"E
		B	24° 57'27.74"N	82°53'11.76"E
		C	24° 57'23.92"N	82°53'13.88"E
		D	24° 57'11.61"N	82°53'13.59"E
		E	24° 57'12.99"N	82°53'4.93"E
15.	Total Geological Reserves	140424 m <sup>3</sup>		
16.	Total Mineable Reserve in LOI/Mine plan	125360 m <sup>3</sup>		
17.	Total Proposed Production	31340 m <sup>3</sup> /year		
18.	Proposed Production /year	31340 m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	0.7 ha. (1.73 acre)		
20.	Production of mine/day	104 m <sup>3</sup> /day		
21.	Method of Mining	Opencast, Semi-Mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	20		
25.	No. of vehicles movement/day	8		
26.	Type of Land	Revenue land		
27.	Ultimate of Depth of Mining	16m		
28.	Nearest metalled road from site	800m		
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.63 KLD
		Suppression of dust		3.2 KLD
		Plantation		0.75 KLD
		Others (if any)		-
		Total		4.58 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 73, 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. 1518 dated 24.10.2019.		
33.	Details of Lease Area in approved DSR	0.7 ha. (1.73 acre)		
34.	Proposed CER cost	1.84 lakh		
35.	Proposed EMP cost	Capital cost-2.35lakhs, Recurring cost-3.714 lakhs		
36.	Length and breadth of Haul Road	800m & 6m		
37.	No. of Trees to be Planted	150		

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-1 to these minutes.**

**2. Sand Mining from Riverbed at Gata No.-3225, Village-Chhapar Magaarbi, Teshil-Dhanghata, Sant Kabir Nagar, U.P., Shri Ahmad, Area-3.364 ha. File No. 5788/Proposal No. SIA/UP/MIN/169665/2020**

A presentation was made by the project proponent along with their consultant M/s OCEAO-ENVIRO Management Solutions (India) Private Limited. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand Mining from Riverbed at Gata No.-3225, Village-Chhapar Magaarbi, Teshil-Dhanghata, Sant Kabir Nagar, U.P. (Leased Area-3.364 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/169665/2020															
2.	File No .allotted by SEIAA,UP	5788															
3.	Name of Proponent	Shri Ahmad S/o Shri Mustafa Shaikh M/s A.R.VITO MINERALS															
4.	Registered Address	R/o- Village- Shaikh Pura, Tehsil- Mankapur, District- Gonda, Uttar Pradesh.															
5.	Full correspondence address of proponent and mobile no.	R/o- Village- Shaikh Pura, Tehsil- Mankapur, District- Gonda, Uttar Pradesh. Mobile no.- E-mail ID-ahmadgonda2@gmail.com															
6.	Name of Project	Sand Mining															
7.	Project location Khasra No	Gata No.- 3225															
8.	Name of Village	Chhapar Magarbi															
9.	Tehsil	Dhanghata															
10.	District	Sant Kabir Nagar															
11.	Name of Minor Mineral	Sand Mining															
12.	Total Area (in Ha.)	3.364 Ha.															
13.	Mineable Area (in Ha.)	3.364 Ha.															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar No(s)</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>26°30'10.93"N</td><td>82° 56'20.14"E</td></tr> <tr> <td>B</td><td>26°30'05.12"N</td><td>82° 56'15.96"E</td></tr> <tr> <td>C</td><td>26°30'03.64"N</td><td>82° 56'20.02"E</td></tr> <tr> <td>D</td><td>26°30'05.09"N</td><td>82° 56'25.26"E</td></tr> </tbody> </table>	Pillar No(s)	Latitude(N)	Longitude(E)	A	26°30'10.93"N	82° 56'20.14"E	B	26°30'05.12"N	82° 56'15.96"E	C	26°30'03.64"N	82° 56'20.02"E	D	26°30'05.09"N	82° 56'25.26"E
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15.	Period of agreement between Project proponent & Land Owner	5 Years															
16.	Mine Plan approval details	Letter No. 704/ek0lyku/2017 Dated 11-08-2020															
17.	Validity of Mine Plan	5 Years															
18.	Total Proposed Production	60552 M <sup>3</sup>															
19.	Proposed Production/Day	201.84 M <sup>3</sup>															
20.	Method of Mining	Opencast/Semi-Mechanized															
21.	No. of workers	24 Workers															
22.	Type of Land	Government Land															
23.	Ultimate Depth of Mining	2.20 m															
24.	Water Requirement	15.62KLD <table border="1"> <thead> <tr> <th>Purpose</th><th>REQUIREMENT (KLD)</th><th>SOURCE</th></tr> </thead> <tbody> <tr> <td>Potable water</td><td>0.72</td><td>Private Tanker</td></tr> <tr> <td>Suppression of dust</td><td>12.90</td><td>Private Tanker</td></tr> <tr> <td>Plantation</td><td>2.0</td><td>Private Tanker</td></tr> </tbody> </table>	Purpose	REQUIREMENT (KLD)	SOURCE	Potable water	0.72	Private Tanker	Suppression of dust	12.90	Private Tanker	Plantation	2.0	Private Tanker			
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25.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s OCEAO-ENVIRO Management Solutions (India) Private Limited , NABET/EIA/1821/IA 0033 Valid till 23.01.2021															
26.	Any litigation pending against the project or land in any court	No															

27.	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	None
28.	Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	Ladies Government Hospital, Umariya Bazar - Aprox. 2.90 KM NE School: Government Uchchar Madhyamic Vidhyalaya Govind Ganj Pauli
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 32/[kuu lgk;d Dated: 16-tqykbZ 2020
30.	Proposed CER cost	Rs. 93,340/-
31.	Proposed EMP cost	Rs. 1,47,675/-
32.	No. of Trees to be Planted.	50
33.	Detail of CTE/CTO issued by UPPCB	NA

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. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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.

**3. Riverbed Sand/Morrum Mining at Khasra/Gata No.-01, Khand No.-02 , Village-Pachauni, Lalitpur., Shri Jai Hind Singh Bundela, Area -1.618 ha. File No. 5791/Proposal No. SIA/UP/MIN/167013/2020**

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

1. The environmental clearance is sought for River sand/morrum mine at Araj/Gata no.-01, khand-02, Village-Pachauni, Tehsil & District-Lalitpur, U.P., (Leased Area-1.618 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/167013/2020
2.	File No. allotted by SEIAA, UP	5791
3.	Name of Proponent	Shri Jai Hind Singh Bundela
4.	Full correspondence address of proponent and mobile no.	Jai Hind Singh Bundela 70, Pachauni, Tehsil & District Lalitpur, U.P. Mobile no.-9473933815 E-mail ID-jaihindsingh5418@gmail.com
5.	Name of Project	River sand/morrum
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. -01, khand-02, Village -Pachauni, Tehsil &, District-Lalitpur, Uttar Pradesh
7.	Name of River	NA

8.	Name of Village	Pachauni																																																																																													
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F	24°47'17.30"N	78°27'23.30"E																																																																																													
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		D	24°46'59.80"N	78°27'12.00"E
		C	24°47'3.10"N	78°27'14.90"E
		C1	24°47'4.04"N	78°27'15.15"E
		C2	24°47'4.68"N	78°27'15.72"E
		C3	24°47'5.35"N	78°27'15.75"E
		C4	24°47'6.25"N	78°27'16.09"E
		C5	24°47'7.47"N	78°27'16.94"E
		C6	24°47'8.22"N	78°27'17.86"E
		C7	24°47'9.09"N	78°27'18.39"E
		C8	24°47'9.53"N	78°27'18.26"E
		C9	24°47'9.86"N	78°27'18.30"E
		C10	24°47'10.05"N	78°27'18.41"E
		C11	24°47'10.18"N	78°27'19.18"E
		C12	24°47'13.42"N	78°27'22.12"E
		C13	24°47'14.72"N	78°27'22.66"E
		A1	24°47'16.75"N	78°27'24.18"E
15.	Total Geological Reserves	18804 m <sup>3</sup>		
16.	Total Mineable Reserve in LOI/Mine Plan	4104m <sup>3</sup>		
17.	Total Proposed Production	4045m <sup>3</sup> /year		
18.	Proposed Production /year	4045m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	1.618 ha.		
20.	Production of mine/day	13m <sup>3</sup> /day		
21.	Method of Mining	Opencast, manual		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	10		
25.	No. of vehicles movement/day	2		
26.	Type of Land	Govt. Revenue land		
27.	Ultimate of Depth of Mining	2.0m		
28.	Nearest metalled road from site	800m		
29.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.3 KLD
		Suppression of dust		3.2 KLD
		Plantation		0.5 KLD
		Others (if any)		-
		Total		4.0 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 77, 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	304/30-mines/2020-21		
33.	Details of Lease Area in approved DSR	1.168 ha.		
34.	Proposed CER cost	0.48 lakh		
35.	Proposed EMP cost	Total project cost-24 lakh, EMP cost-1.6lakhs as capital and 3.04 lakhs as recurring cost		

36.	Length and breadth of Haul Road	800m & 6m
37.	No. of Trees to be Planted	100

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

### **RESOLUTION AGAINST AGENDA NO-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. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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. Riverbed Sand /Morrum Mining at Khasra/Gata No.-01, Khand No.-01, Village-Pachauni, Lalitpur., Shri Bhupendra Singh, Area-2.023 ha. File No. 5792/Proposal No. SIA/UP/MIN/167143/2020**

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

1. The environmental clearance is sought for River sand/morrum mine at Araj/Gata no.-01, khand-01 Village-pachauni, Tehsil & District-lalitpur, U.P., (Leased Area-2.023 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/167143/2020												
2.	File No. allotted by SEIAA, UP	5792												
3.	Name of Proponent	Shri Bhupendra singh												
4.	Full correspondence address of proponent and mobile no.	Bhupendra singh R/o Bholenilodh, District Lalitpur, U.P. Mobile no.-8655587599 E-mail ID-bhupendrasingh5418@gmail.com												
5.	Name of Project	River sand/morrum												
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. -01, khand-01, Village -Pachauni, Tehsil & District-Lalitpur, Uttar Pradesh												
7.	Name of River	NA												
8.	Name of Village	Pachauni												
9.	Tehsil	Lalitpur												
10.	District	Lalitpur												
11.	Name of Minor Mineral	River sand/morrum												
12.	Sanctioned Lease Area (in Ha.)	2.023 ha.												
13.	Max. & Min mRL within lease area	Highest mRL is 335 & Lowest Is 331 mRL												
14.	Pillar Coordinates (Verified by DMO)	<div>GEO-COORDINATES OF SANCTIONED LEASE AREA (TOTAL LEASE AREA-2.023HA/20230 SQM)-<table><tr><th>Pillars</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>24°46'59.81"N</td><td>78°27'12.02"E</td></tr><tr><td>B</td><td>24°46'58.87"N</td><td>78°27'11.14"E</td></tr><tr><td>C</td><td>24°46'56.98"N</td><td>78°27'11.35"E</td></tr></table></div>	Pillars	Latitude	Longitude	A	24°46'59.81"N	78°27'12.02"E	B	24°46'58.87"N	78°27'11.14"E	C	24°46'56.98"N	78°27'11.35"E
Pillars	Latitude	Longitude												
A	24°46'59.81"N	78°27'12.02"E												
B	24°46'58.87"N	78°27'11.14"E												
C	24°46'56.98"N	78°27'11.35"E												

		D	24°46'55.15"N	78°27'6.34"E
		E	24°46'56.20"N	78°27'4.42"E
		F	24°46'55.64"N	78°27'3.29"E
		G	24°46'48.43"N	78°27'1.97"E
		H	24°46'48.24"N	78°27'1.26"E
		I	24°46'56.20"N	78°27'2.50"E
		J	24°46'59.65"N	78°27'10.25"E
		K	24°47'0.42"N	78°27'11.03"E
		GEO-COORDNAITES OF WORKABLE AREA (1.1070 HA/11070 SQM)-		
		Pillars	Latitude	Longitude
		I1	24°46'57.23"N	78°27'4.76"E
		I2	24°46'56.59"N	78°27'5.01"E
		I3	24°46'55.90"N	78°27'5.79"E
		I4	24°46'55.63"N	78°27'6.69"E
		I5	24°46'56.43"N	78°27'8.16"E
		I6	24°46'56.68"N	78°27'9.36"E
		I7	24°46'59.43"N	78°27'9.69"E
		I8	24°46'58.77"N	78°27'7.71"E
		GEO-COORDNAITES OF NON WORKABLE AREA/AREA SUBMERGED UNDER WATER (AREA- 0.9160HA. /9160 SQM )-		
		Pillars	Latitude	Longitude
		A	24°46'59.81"N	78°27'12.02"E
		B	24°46'58.87"N	78°27'11.14"E
		C	24°46'56.98"N	78°27'11.35"E
		D	24°46'55.15"N	78°27'6.34"E
		E	24°46'56.20"N	78°27'4.42"E
		F	24°46'55.64"N	78°27'3.29"E
		G	24°46'48.43"N	78°27'1.97"E
		H	24°46'48.24"N	78°27'1.26"E
		I	24°46'56.20"N	78°27'2.50"E
		I1	24°46'57.23"N	78°27'4.76"E
		I2	24°46'56.59"N	78°27'5.01"E
		I3	24°46'55.90"N	78°27'5.79"E
		I4	24°46'55.63"N	78°27'6.69"E
		I5	24°46'56.43"N	78°27'8.16"E
		I6	24°46'56.68"N	78°27'9.36"E
		I7	24°46'59.43"N	78°27'9.69"E
		J	24°46'59.65"N	78°27'10.25"E
		K	24°47'0.42"N	78°27'11.03"E
15.	Total Geological Reserves	33210 m <sup>3</sup>		
16.	Total Mineable Reserve in LOI/Mine Plan	5500 m <sup>3</sup>		
17.	Total Proposed Production	5058m <sup>3</sup> /year		
18.	Proposed Production /year	5058m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	2.023 ha.		
20.	Production of mine/day	17 m <sup>3</sup> /day		
21.	Method of Mining	Opencast, manual		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	12		
25.	No. of vehicles movement/day	2		
26.	Type of Land	Govt. Revenue land		

27.	Ultimate of Depth of Mining	1.0m	
28.	Nearest metalled road from site	500m	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.36 KLD
		Suppression of dust	2.0 KLD
		Plantation	0.5 KLD
		Others (if any)	-
		Total	2.86KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 77, 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	303/30-mines/2020-21	
33.	Details of Lease Area in approved DSR	2.023 ha.	
34.	Proposed CER cost	0.6 lakh	
35.	Proposed EMP cost	Total project cost-30 lakh, EMP cost-1.6 lakhs as capital and 2.69 lakhs as recurring cost	
36.	Length and breadth of Haul Road	500m & 6m	
37.	No. of Trees to be Planted	100	

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

**RESOLUTION AGAINST AGENDA NO-04**

**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:**

- Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
- 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.
- Environment management in according to environmental status and impact of the project.
- Selection of plants for green belt should be on the basis of pollution removal index.
- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- Pakka motorable haul road to be maintained by the project proponent.
- 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.
- Permission from the competent authority regarding evacuation route should be taken.
- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 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.

**5. Expansion of "Candor Tech Space IT Park" at Block-B, Plot No.- B-2, Sector-62, Noida, U.P, M/s Candor Tech Space IT/ITES SEZ. File No. 5789/4008/Proposal No. SIA/UP/NCP/21670/2018**

A presentation was made by project proponent along with their consultant M/s ENV DAS (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 "Candor Tech Space IT Park" at Block-B, Plot No.- B-2, Sector-62, Noida, U.P, M/s Candor Tech Space IT/ITES SEZ.
2. Environment Clearance no. 21-455/2006-IA-III, dated 15 May, 2007 issued by MoEF, Govt. of India for the plot area 78,792.169 sqm and built up area 1,55,762.90 sqm for the construction of 06 nos. of tower.
3. The project proposal again submitted for the expansion of the project and environmental clearance issued by SEIAA, U.P. vide letter no. 552/Parya/SEAC/4008/2018 dated 11 December, 2018 for the plot area 77,900 sqm and built up area 2,65,067.34 sqm for the construction of 06 nos. of tower.

4. The project proponent again proposed to expend the project and standard terms of reference for the expansion project were issued on 10/06/2020.
5. Final EIA report submitted by the project proponent on 25/08/2020.
6. Area details of the project:

S. No	Items	Details
1	Total Plot area	77,900 sqm
2	Ground Coverage (Permissible)	23,370 m <sup>2</sup> (30%)
3	Ground Coverage achieved	21,282.816 m <sup>2</sup> (27.3%)
4	FAR Detail	
4a	Permissible FAR Area (@2.0)	1,55,800 m <sup>2</sup>
4b	Permissible Purchasable FAR (@0.5)	38950.00 m <sup>2</sup>
4c	Total Permissible FAR(@2.5)	1,94,750.00 m <sup>2</sup>
4d	Total Proposed FAR	1,94,123.147 m <sup>2</sup>
5	Basement-1 Basement-2 Total Basement Area	60,147.831 m <sup>2</sup> 64,812.414 m <sup>2</sup> 1,24,960.245 m <sup>2</sup>
6	Service Area	17,399.308 m <sup>2</sup>
7	Total Non-FAR Area(Basement + Service Area)	1,42,359.55 m <sup>2</sup>
8	Built up Area (FAR + Non- FAR)	3,36,482.700 m <sup>2</sup>
9	Open Area	56,617.18 m <sup>2</sup> (Plot area – Ground coverage)
10	Maximum Building Height	68.950 m (G+15)
11	Total Nos. of Block/ Towers	6 Tower + 2 Amenity Block
12	Total Parking	Parking Required: 3895ECS Total parking provided :4202 ECS
13	Landscape Area	38237.05 m <sup>2</sup>
14	Number of Trees Required (One tree per 80 m <sup>2</sup> of open space) Number of Trees Provided	Required:767 Provided: 1300
15	Area under Roads & other services	18380.134 m <sup>2</sup>
16	Total Water Requirement Domestic Water Requirement Total waste water STP Capacity	2063 KLD 1,562 KLD 1406 KLD 1,700 KLD (700 KLD functional)
17	Solid Waste Generation	7202 Kg/day
18	Total Population (Considering on an average 1.75.0 shifts /day )	33971
19	Power Requirement and Source Backup Power	15MVA Source : NPCL DG set capacity (100% backup):

7. Comparative details of existing and expansion project:

Items	As per EC issued vide letter no.552/Parya/SEAC/4008/2018 dated 11 December 2018	New Proposal
Total Plot area	77,900 m <sup>2</sup>	77,900 m <sup>2</sup>
Total Permissible FAR	1,55,800 m <sup>2</sup> (@2.0)	1,94,750.00 m <sup>2</sup> (@2.5)
Total FAR Area (Proposed)	1,55,799.44 m <sup>2</sup>	1, 94,123.147 m <sup>2</sup> (249.19%)
Ground Coverage Permissible	23,370 m <sup>2</sup> (30%)	23,370 m <sup>2</sup> (30%)
Ground Coverage Proposed	16,564.25 m <sup>2</sup> (21.26%)	21,282.816 m <sup>2</sup> (27.3%)
Open Area	61,335.75 m <sup>2</sup>	56,617.18 m <sup>2</sup>
Landscape Area	29,980.12 m <sup>2</sup>	38237.05 m <sup>2</sup>
Area Under Roads & other services	31355.63 m <sup>2</sup>	18380.134 m <sup>2</sup>
Basement -1 Basement -2 Total Basement Area	52,118.49 m <sup>2</sup> 57,149.41 m <sup>2</sup> 1,09,267.9 m <sup>2</sup>	60,147.831 m <sup>2</sup> 64,812.414 m <sup>2</sup> 1,24,960.245 m <sup>2</sup>

Service Area	-	17399.308 m <sup>2</sup>
Maximum Building Height	Approx. 45 m (G+14)	Approx. 68.950 (G+15)
Total Nos. of Block/ Towers	6 Towers + 2 Amenity Block	6 Towers + 2 Amenity Block
Built-up Area	2,65,067.346 m <sup>2</sup>	3,36,482.700 m <sup>2</sup>
Total Parking Provided	3127 ECS Two wheeler parking: 3130 parking space	4202 ECS
Number of RWH pits	7 pits	7 pits (Already constructed)
Total Water Requirement	1572 KLD	1965 KLD
Domestic Water Requirement	1422 KLD	1,562 KLD
STP Capacity	1350 KLD	1,700 KLD ( 700 KLD Already Functional)
Solid Waste Generation	6464 Kg/day	7202 Kg/day
Total Population	31178	33971
Number of Trees Provided	1290	1300( 500 Already Planted)

**8. Water calculation details:**

S. No.	Particulars	Total Population	Rate of Fresh Water (lpcd)	Fresh water (KLD)	Rate of Flushing Water (lpcd)	Recycling/ Flushing water (KLD)	Total Domestic water (KLD)
1.	IT/ITES	32613	25	815	20	652	1467
2.	Institutional Facilities	1358	50	68	20	27	95
Total Domestic Water Requirement				883		679	1562
Horticulture @ 5l/sqm (38237.05 sq m)						192	192
HVAC (capacity 3x750 TR + 1 x 400 TR+5x850 = 6900TR) @ 9 liter per TR of 14 hrs of operation.						188	188
DG (capacity 15x1500KVA = 22500KVA,) @ 0.9 lt/KVA/no. of hrs (6 hrs) of operation.						121	121
Total water requirement				883		1180	2063

**9. Solid waste details:**

S. No.	Particulars	Population	Waste generated (kg/day)
1.	IT/ITES Offices (@0.2 kg/day)	32613	6523
2.	Facilities for IT/ Food courts (@ 0.5 kg/day)	1358	679
Total Solid waste generated			7202Kg/day
Horticulture Waste (38237.05 sq m* 0.0037 kg/sqmt/day)			141 Kg/Day
E-Waste (0.15 kg/C/Yr) + obsolete machinery			14 Kg/Day
STP Sludge			56 Kg/Day

**10. Parking details:**

	ECS
Basement parking I <sup>st</sup> Basement parking (31230 m <sup>2</sup> @30 m <sup>2</sup> )	1041
Stack Parking at I <sup>st</sup> Basement (13968 m <sup>2</sup> @18)	776
Parking proposed at II <sup>nd</sup> Basement (35370 m <sup>2</sup> @30 m <sup>2</sup> )	1179
Stack Parking in II <sup>nd</sup> Basement(14364 m <sup>2</sup> @18)	798
Total Parking Provided in both the basement	3794
Surface Parking	408
Total Parking Provided	4202 ECS

11. The project proposal falls under category 8 (b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-05**

**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. Due to unavoidable circumstance and covid-19 pandemic, the authority are unable to visit the site therefore, it is not possible to make available the latest certified compliance report. In view of this the committee decided that the certified compliance report should be submitted within 03 months.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. 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.
4. 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.
5. 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.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. 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.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. 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).
15. 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.
16. 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.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
19. 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.
20. 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.

21. 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.
  22. 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.
  23. No parking shall be allowed outside the project boundary.
  24. 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.
  25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
  26. 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.
  27. 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.
  28. 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.
  29. 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.
  30. 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.
  31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
  32. 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.
  33. 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.
  34. All the internal drains are to be covered till the disposal point.
  35. 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.
  36. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.
6. **Common Bio-medical Waste Treatment Facility at Khasra No.-1006, Village-Paharpur, Post-Gotha Rasoolpur, District-Deoria, U.P., M/s JKN Purvanchal CBWTF Works. File No. 5790/Proposal No. SIA/UP/MIS/55933/2020**

A presentation was made by project proponent. The proponent, through the documents submitted and the presentation made, informed the committee that:-



1. The Environmental clearance is sought for Common Bio-medical Waste Treatment Facility at Khasra No.-1006, Village-Paharpur, Post- Gotha Rasoolpur, District-Deoria, U.P., M/s JKN Purvanchal CBWTF Works.

2. Salient features of the project:

Particulars	Details
Name of the company	M/S JKN PURVANCHAL CBWTF WORKS
Location of Industry	Village- Paharpur, Post- Gotha Rasoolpur, Tehsil or District- Deoria-274201 (UP)
S.No. In the schedule	7 (da): Common Bio-medical Waste Treatment Facility
Landuse	The land has been converted from agricultural to non- agricultural use.
Project Proponent	Mr. Amaresh Kumar Rai M/S JKN PURVANCHAL CBWTF WORKS Address: Village- Paharpur, Post- Gotha Rasoolpur, Tehsil or District- Deoria-274201 (UP)
Proposed plant capacity	Incinerator: 250 Kg/hr Autoclave: 800 Kg/batch Shredder: 150 Kg/hr Chemical Disinfection Tank: 1500 Ltr
Geo-Coordinates (Lat and Long)	26°38'33.06"N and 83°44'56.75"E
Total Plot Area (m <sup>2</sup> )	5800 m <sup>2</sup> (1.43 Acre)
Project Cost	80 lakh
Number of working Days	365
Water Requirement	10 KLD Borewell (CGWB permission shall be taken)
waste water generation	8 KLD will be treated in ETP, Treated water will be recycled in green belt etc.
Power requirement	32 KW Uttar Pradesh State Electricity Distribution Company limited, In case of power failure D.G. Set can be used (32 KVA capacity).
Man Power	Total 38 persons will hired for plant operations including officers, skilled and unskilled workers.
Air Pollution Control devices	Wet Scrubber, Cyclone and Bag Filter
Nos of stack	1 , height will be 30 Meter

3. Equipment and their capacity details:

Equipment	Installed Capacity	Number
Incinerator	250 Kg Per Hour	1
Autoclave	800 Kg Per Batch	1
Shredder	150 Kg Per Hour	1
Chemical Disinfection Tank	1500 Ltr	1
Effluent Treatment Plant	1 LD	1

4. Source of waste: Waste generated from district Deoria, Maharajganj, Kushinagar and Gorakhpur is covering by Santkabir Nagar Facility which is more than 75 kms from proposed site. Hence as per CPCB guidelines new CBWTF can be established. UP Pollution Control Board has given permission on dated 08/09/2020.
5. The project proposal falls under category 7 (da) of EIA Notification, 2006 (as amended).

### **RESOLUTION AGAINST AGENDA NO-06**

**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. Letters from CMO, Deoria regarding feasibility/requirement of Common Biomedical Waste Treatment Facility at the proposed site.
2. PP/Consultant should provide the details of other bio medical waste facility within 75 Km radius of the proposed site.
3. Land conversion certificate from competent authority.
4. Common biomedical waste inventory should be provided.
5. The EIA report should address regarding the disposal of covid-19 waste as per the latest guidelines.
6. Baseline data of post monsoon period October to December, 2020 should be submitted.

7. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
8. Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures.
9. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
10. Executive summary of the project – giving a prima facie idea of the objectives of the proposal, use of resources, justification, etc. In addition, it should provide EMP.
11. Land requirement for the facility including its break up for various purposes, its availability and optimization.
12. Details of proposed layout clearly demarcating various activities such as security. Waste Storage Rooms, Waste Treatment Equipment Rooms/Areas, Treated Waste Storage Room, Pollution Control Devices like APCS and ETP, ash storage/disposal area, vehicle washing areas, and others such as admin area, worker's room, health centers, greenbelt, etc.
13. Details on collection and transportation of Bio Medical Waste from health care establishments, No. of vehicles and feature of vehicles, etc.
14. Details of the treatment equipment's capacity and make. Details of the incineration system – a statement on the compliance to the CPCB guidelines for common bio medical waste incinerators in respect of waste feed cutoffs, operating parameters of combustion chambers, flue gas cleaning, ash handling, etc. Details on fuel requirement for incineration. Details on flue gas emissions discharge through stack and proposed pollution control technologies. Details on residue/ash generation and management. Details of waste heat utilization, if any. Details on wastewater management alongwith zero discharge plans as committed by the project proponent.
15. Details of the proposed overall safety and health protection measures and submit specific programme.
16. Details on source of water and power supply.
17. Details of the existing access road(s)/walkways to the designed operations in the site and its layout.
18. Location of the incineration facility and nearest habitats with distances from the facility to be demarcated on a toposheet (1: 50000 scale).
19. Land use map based on satellite imagery including location specific sensitivities such as national parks / wildlife sanctuary, villages, industries, etc.
20. Topography details.
21. Surface water quality of nearby water bodies.
22. Details on proposed groundwater monitoring wells, locations, frequency of monitoring, parameters, etc.
23. 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 alongwith list of beneficiaries with their mobile nos./address.
24. Action plan for the greenbelt development in accordance to CPCB published guidelines.
25. Details on pollution control technologies and online monitoring equipments.
26. Details on monitoring of pollutants at source –performance of the incinerator. Including operating hours, fuel consumption, operating parameters (Combustion chamber – temperature, pressure, Stack temperature, total particulate matter, HCl, NOx as per Bio Medial Waste (Management & Handling) Rules 1998.
27. Stack and fugitive emissions may be monitored for SPM, SO<sub>2</sub> & NOx as per Bio Medical Waste (Management & Handling) Rules 2016.
28. Details of Administrative and technical organizational structure.
29. EMP devised to mitigate the adverse impacts of the project should be provided along with item-wise cost of its implementation (Capital and recurring costs).
30. Details of the emergency preparedness plan and on-site & off-site disaster management plan.
31. Affidavit to be submitted for the actual surveys done with detailed photographs of monitoring etc.
32. NOC from UPPCB shall be taken and submitted to SEAC before submission of EIA report.

33. Examine the details of transportation of Hazardous wastes, and its safety in handling.
34. Examine and submit the details of on line pollutant monitoring.
35. Examine the details of monitoring of Dioxin and Furon.
36. MoU for disposal of ash through the TSDF.
37. MoU for disposal of scrubbing waste water through CETP.
38. Examine and submit details of monitoring of water quality around the landfill site.
39. Examine and submit details of the odour control measures.
40. Examine and submit details of impact on water body and mitigative measures during rainy season.
41. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.
42. Water quality around the landfill site shall be monitored regularly to examine the impact on the ground water.
43. The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
44. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
45. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the SEIAA.
46. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
47. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
48. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

The final EIA report after incorporation of public hearing observations/comments should be submitted to the committee for further consideration of the matter.

**7. Revision and Modification of Group Housing "Migsun Ultimo" at Plot No.- GH-03, Sector-03, Greater Noida, U.P., M/s Mahaluxmi Infrhome Pvt. Ltd. File No. 5205/Proposal No. SIA/UP/MIS/116176/2019**

The committee noted that the matter was earlier discussed in 440<sup>th</sup> SEAC meeting dated 19/12/2019 and directed to defer the matter due to unavailability of some documents. The project proponent submitted their replies through letter dated 07/08/2020. Hence, the matter was listed in 490<sup>th</sup> SEAC meeting dated 14/09/2020.

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

1. The environmental clearance is sought for Revision and Modification of Group Housing "Migsun Ultimo" located at Plot No. GH – 03, Sector – Omicron 3, Greater Noida, District-Gautam Buddh Nagar, State-Uttar Pradesh.
2. The environment clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 163/Parya/SEAC/2929/2015/DD(Sh) dated 12 July, 2016 for the built-up area 1,41,954.1 m<sup>2</sup> and plot area 25,066.6 m<sup>2</sup> respectively.
3. Comparative details for existing and revision and modification project:

No.	Description	As per Earlier EC	Post Revision & Modification
		Area (m <sup>2</sup> )	Area (m <sup>2</sup> )
1.	Plot Area	25,066.60	25,066.60

2.	Permissible Ground Coverage	8,773.31 (@35% of Plot Area)	8,773.31 (@35% of Plot Area)
3.	Proposed Ground Coverage	6,444.03 (@19.96% of Plot Area)	7,234.85 (@28.862 % of Plot Area)
4.	Total Permissible FAR Permissible F.A.R for housing Additional F.A.R for Green Building	92,119.75 87,733.10 (as per 3.50) 4,386.65 (5% OF Permissible F.A.R)	92,119.75 87,733.10 (as per 3.50) 4386.65 (5% OF Permissible F.A.R)
5.	Total Proposed F.A.R. 1. Residential F.A.R. 2. Commercial F.A.R. 3. Meter Room F.A.R.	91,913.36 91,036.72 876.65 Nil	92,101.29 91,213.12 876.60 11.57
6.	Total Non F.A.R. 1. Basement area (One Basement) 2. Stilt Area 3. Podium Area	36,888.32 21,112.33 5,037.01 10,738.98	35,210.53 20,610.95 10,003.48 4,596
7.	Proposed 15% Facility Area (Including Community Centre + Fire Stair Case + Lift Lobby Area + Mumty Area + Machine Room Area + Lift Shaft Area + Service Shaft Area + Cupboard Area + Guard Room Area + Over Head Tank Area + S.T.P. + L.T. Panal Room + Guard & Visitors Toilet)	13,152.44	12,652.38
8.	Total Built-Up Area (5 + 6 + 7)	1,41,954.12	1,39,964.2
9.	Landscape Area	9,311.29 (@37.14 % of plot area)	8,619.07 (@34.38 % of plot area)
10.	Total Proposed Units	1,160	1,168
11.	Height of the highest building	69m	79.15 m

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

S.No.	Description	As per Earlier EC	Revision and Modification
1.	Plot Area	25,066.6 m <sup>2</sup>	25,066.6 m <sup>2</sup>
2.	Built-up Area	1,41,954.12 m <sup>2</sup>	1,39,964.2 m <sup>2</sup>
3.	Green Area	9,311.29 m <sup>2</sup>	8,619.07 m <sup>2</sup>
4.	Estimated Water Requirement with source Construction Phase Operational Phase	1,987 KLD Total Water Requirement : 499 KLD Fresh Water requirement : 350 KLD	1,960 KLD Total Water Requirement : 528 KLD Fresh Water requirement : 334.70 KLD
5.	Estimated wastewater generation and treatment	Waste water generated : 119 KLD STP Capacity 145 KLD , Technology (MBBR)	Waste water generated : 409 KLD STP Capacity 300 KLD , Technology (MBBR)
6.	Power Demand and Source Power Back-up	3500 kVA , Source :- (UPPCL) 2 No. of D.G Sets of total capacity 2000 kVA (1000x2)	4,700 kVA , Source :- (UPPCL) 4 No. of D.G Sets of total capacity 3000 kVA(4x750 kVA)
7.	Solid Waste Generation	2,762 kg/day	2,847 Kg/day
8.	Parking Facilities Total Parking required Total Parking Proposed	1,151 ECS 1,152 ECS	1,151 ECS 1,175 ECS
9.	RWH Pits	6 pits	8 pits
10.	Maximum Building Height	69 meters	79.15 meters

**5. Population breakup details:**

S. No.	Unit Type	D.U./FAR (m <sup>2</sup> )	PPU	Total Population
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1.	Residential Population:			
	Residents	1,168	4.5	5,256
	Staff	@5% of residential population		263
	Visitors	@10% of residential population		526
2.	Commercial Population			292
	Commercial Area	876.60	3 m <sup>2</sup> /person	
	Staff	20% of the Commercial Population		58
	Visitors	80% of the Commercial Population		234
3.	Community Centre Population			143
	Community Area	214.58	1.5 m <sup>2</sup> /person	
	Staff	20% of the Community Population		29
	Visitors	80% of the Community Population		114
Grand Total Population				6,480

**6. Water Requirement details:**

S. No.	Description	Occupancy	Rate of water demand(lpcd)	Total Water Requirement (KLD)
A.	Domestic Water			
1)	Residential Population			
	• Residents	5256	86	452
	• Maintenance Staff	263	30	7.89
	• Visitor/Floating	526	10	5.26
2)	Commercial			
	• Staff	58	30	1.74
	• Visitors	234	10	2.34
3)	Community			
	• Staff	29	30	0.87
	• Visitors	114	10	1.14
	Total Domestic Water Demand			471.24 say 471 KLD
B.	Horticulture	8,619.07	6 lt./m <sup>2</sup> /day	52
D.	Make up water for swimming pool			5
Total Water Requirement (A + B + C + D)				528 KLD

**7. Waste water details:**

Description	As Per Earlier EC	Post Revision & Modification
Total Water Requirement	499 KLD	528 KLD
Fresh Water Requirement	350 KLD	334.70 KLD
Waste Water Generation	119 KLD	405 KLD
STP Capacity	145 KLD	300 KLD

**8. Solid waste generation details:**

S. No.	Category	Norms (kg/c/day)	Total Waste (kg/day)
1.	Domestic Waste:		
	Residents (5256)	@ 0.5	2,628
	Total Staff (350)	@ 0.25	87.5
	Total Visitors (874)	@ 0.15	131.1
2.	Landscape waste (2.12 acre)	@ 0.2 kg/acre/day	0.424
TOTAL SOLID WASTE GENERATED			2847.024 say 2,847 kg/day

**9. Parking details:**

Parking Type	Parking Area	Area per ECS	Total parking Provided (ECS)
Basement Parking	19,309.25	32	603
Podium Parking	10,003.48	30	333
Stilt Parking	4,596.10	30	153
Open Parking	1,998.00	23	86
Total Proposed Parking			1,175 ECS

10. The project proposal falls under category 8 (b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-07**

**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. Due to unavoidable circumstance and covid-19 pandemic, the authority are unable to visit the site therefore, it is not possible to make available the latest certified compliance report. In view of this the committee decided that the certified compliance report should be submitted within 03 months.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. 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.
4. 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.
5. 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.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. 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.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. 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).
15. 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.
16. 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.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

19. 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.
20. 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.
21. 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.
22. 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.
23. No parking shall be allowed outside the project boundary.
24. 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.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. 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.
33. 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.
34. All the internal drains are to be covered till the disposal point.
35. 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.
36. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

**8. Modification of Group Housing "Migsun Roof" at Khasra No.- 4, 5 & 51, Sik Road, District- Ghaziabad, U.P., M/s Mahaluxmi Realtech Pvt. Ltd. File No. 5206/Proposal No. SIA/UP/MIS/116255/2019**

The committee noted that the matter was earlier discussed in 440<sup>th</sup> SEAC meeting dated 19/12/2019 and directed to defer the matter due to unavailability of some documents. The project proponent submitted their replies through letter dated 07/08/2020. Hence, the matter was listed in 490<sup>th</sup> SEAC meeting dated 14/09/2020.

A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Private Limited. 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 "Migsun Roof" located at Khasra No.- 4, 5 & 51, Sik Road, District- Ghaziabad, State: Uttar Pradesh.
2. The environment clearance for the earlier proposal was issued by SEIAA, U.P. through vide letter no. 1594/Parya/SEAC/1622/2013/AD(H) dated October 08, 2013 for the built-up area 68,469.40 m<sup>2</sup> and plot area 24,298.05 m<sup>2</sup> respectively.
3. Comparative details for existing and expansion project:

S.No.	Description	As Per Earlier EC (m <sup>2</sup> )	Post Expansion (m <sup>2</sup> )
1.	Total Plot Area	24,298.05	22,502.30
2.	Total Area Left for Road Widening	5,798.13	5,023.37
3.	Net Plot Area	18,499.92	17,478.93
5.	Permissible Ground Coverage	6,289.97 @40% of Net Balance Plot Area	8,739.47 @50% of Net Plot Area
6.	Proposed Ground Coverage	3,778.70 @24.03% of Net Balance Plot Area	6,604.23 @37.78% of Net Plot Area
7.	Total Permissible F.A.R.	39,508.891	50,251.933
8.	Total Proposed F.A.R. Area	39,195.554	50,189.32
9.	Total Non F.A.R. Area	25,787.92	19562.12
10.	EWS+LIG Area	3,485.927	Nil
11.	Built Up Area	68,469.42	71,936.31
12.	Landscape Area	2,774.988 @ 15% of Net Plot Area	1,748.09 @ 10% of Net Plot Area
13.	Total Open Area	11,945.60 @75.97% of Net Plot Area	10874.7 @62.21 % of Net Plot Area
14.	Total Permissible Units	518 Units @ 325 Units/Hectare	874 Units @ 500 Units/Hectare
15.	Total Proposed Units	446Units	809 Units
16.	Maximum Height of the Building	60 m	59.15 m

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

S.No.	Description	As per Earlier EC	Post Expansion
1.	Plot Area	24,298.05 m2	22,502.30 m2
2.	Built-up Area	68,469.42 m2	71,936.31 m2
3.	Green Area	2,774.988 m2	1,748.09 m2
4.	Estimated Water Requirement with source Construction Phase Operational Phase	972 KL Total Water Requirement :237 KLD Fresh Water requirement : 163 KLD	1,010 KL Total Water Requirement : 380 KLD Fresh Water requirement:262.85 KLD
5.	Estimated wastewater generation and treatment	Waste water generated : 185 KLD STP Capacity 200 KLD , Technology (MBBR)	Waste water generated : 323 KLD STP Capacity 180 KLD , Technology (MBBR)
6.	Power Demand and Source Power Back-up	2, 400 kVA , Source :- (UPPCL)	2, 400 kVA , Source :- (UPPCL)



		3 No. of D.G Sets of total capacity 1750 kVA(2x5 00 + 1x750)	2 No. of D.G Sets of total capacity 760 kVA(2x380)
7.	Solid Waste Generation	1,410 kg/day	2,336 Kg/day
8.	Parking Facilities Required Total Parking required Total Parking Proposed	MoEF&CC Norms: 391 ECS Ghaziabad Bye Laws: 490 499 ECS and there will be provision of parking for 286 two-wheelers.	MoEF&CC Norms: 572 ECS Ghaziabad Bye Laws: 428 two wheelers & 308 ECS 451 ECS and there will be provision of parking for 431 two-wheelers.
9.	RWH Pits	3 pits	3 pits
10.	Maximum Building Height	60	59.15 meter

**5. Population breakup details:**

S.No.	Unit Type	DU/F.A.R. (m <sup>2</sup> )	PPU	Total Population
1.	Residential Population:			
	• Residents	809	5	4,045
	• Maintenance Staffs	at 5% of residential population		202
	• Visitors/Floating	at 10% of residential population		405
2.	Commercial Area Population:			
	Commercial area	2967.21	3 m <sup>2</sup> /person	989
	• Staff		@ 20%	198
	• Visitors		@ 80%	791
3.	School Population:			
	School Area	587.19	4 m <sup>2</sup> /person	147
	• Students/Staff		@ 80%	118
	• Visitors		@ 20%	29
	Grand Total			5,788

**6. Water Requirement details:**

S. No.	Description	Occupancy	Rate of water demand(lpcd)	Total Water Requirement (KLD)
A.	Domestic Water			
1)	Residential Population			
	• Residents	4045	86	347.87
	• Maintenance Staff	202	30	6.00
	• Visitor/Floating	405	10	4.05
2)	Commercial			
	• Staff	198	30	5.94
	• Visitors	791	10	7.90
3)	School			
	• Staff	118	30	3.5
	• Visitors	29	10	0.29
	Total Domestic Water Demand			375.55 say 375.50
B.	Horticulture	1,748.09	3 lt./sqm/day	5.2
	Total Water Requirement (A + B )			380.20 say 380 KLD

**7. Waste water details:**

S. No.	Description	As Per Earlier EC	Post Expansion
1	Total Water Requirements	237 KLD	380 KLD
2	Domestic Water Requirement	216 KLD	375.50 KLD
3	Fresh Water Requirement	151.2 KLD	262.85 KLD
4	Flushing	64.8 KLD	112.65
5	Waste Water	185 KLD	323 KLD

**8. Solid waste generation details:**

S. No.	Category	Norms (kg/c/day)	Total Waste (kg/day)
1.	Domestic Waste:		
	Residents (4,045)	@ 0.5	2,022.5
	Total Staff (518)	@ 0.25	129.5

	Total Visitors (1,224)	@ 0.15	183.6
2.	Landscape waste (0.79 acre)	@ 0.2 kg/acre/day	0.158
	TOTAL SOLID WASTE GENERATED		2335.75 say 2,336 kg/day

9. Total Parking Proposed = 451 ECS and there will be provision of parking for 431 two-wheelers.

10. The project proposal falls under category 8 (b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-08**

**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. Due to unavoidable circumstance and covid-19 pandemic, the authority are unable to visit the site therefore, it is not possible to make available the latest certified compliance report. In view of this the committee decided that the certified compliance report should be submitted within 03 months.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. 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.
4. 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.
5. 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.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. 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.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. 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).
15. 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.

16. 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.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
19. 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.
20. 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.
21. 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.
22. 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.
23. No parking shall be allowed outside the project boundary.
24. 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.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. 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.
33. 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.

34. All the internal drains are to be covered till the disposal point.
35. 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.
36. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

**9. Hi-tech Township at Village-Kali Paschim, Maati, Ali Nagar Khurd, Ashraf Nagar and Ahamad Nagar, Raibareli Road, Lucknow., M/s Garv Builditech Pvt. Ltd. File No. 606/Proposal No. SIA/UP/MIS/165573/2020**

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 1274/Parya/SEAC/606/2010 dated 02/06/2011 on Plot area 2700 acres and Built-up area 1,49,69,262.41 sqm. The validity of Environment clearance letter dated 02/06/2011 has already extended by SEIAA, U.P. for a period of 02 years i.e. 01/06/2018 to 31/05/2020 vide letter no. 328/Parya/SEAC/606/2018, dated 20/08/2020. The validity of Environment clearance letter dated 02/06/2011 expired on 31/05/2020. The project proponent applied for extension of validity on 28/07/2020 as per MoEF&CC notification dated 29<sup>th</sup> April 2015.

The committee noted that the project proponent applied for extension of validity of environmental clearance letter dated 02/06/2011 and the validity of environmental clearance letter dated 02/06/2011 has already expired on 31/05/2020. The committee went through the MoEF&CC, Govt. of India Notification no. S.O. 1141(E), dated 29/04/2015 and the following provision have been prescribed:

*“(b)more than one month after the validity period of EC but less than three months after such validity period, then, based on the recommendations of the EAC or the SEAC, the delay shall be condoned with the approval of the Minister in charge of Environment Forest and Climate Change or Chairman, as the case may be:”*

In light of above provision, the project proponent had not submitted the request to the committee to condoned the delay, the committee discussed the matter and decided that the project proposal should be forwarded to SEIAA for decision/necessary action as per MoEF&CC, Govt. of India Notification no. S.O. 1141(E), dated 29/04/2015.

**10. Group Housing Project at Plot No-CP-GH-05B, Sector-Techzone-04, Greater Noida, U.P., M/s DSD Homes Pvt. Ltd. File No. 1686/Proposal No. SIA/UP/MIS/168598/2020**

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 1684/Parya/SEAC/1686/2013/DD(Sh) dated 11<sup>th</sup> October, 2013 on Plot area 14,760 sqm and Built-up area 67,041.62 sqm. The validity of Environment clearance letter dated 11/10/2013 expired on 10/10/2020. The project proponent applied for extension of validity on 18/08/2020 as per MoEF&CC notification dated 29<sup>th</sup> April 2015.

The committee discussed the matter and recommended to extend the validity of Environmental Clearance letter dated 11/10/2013 for the period of 03 years i.e. 10/10/2020 to 09/10/2023.

All the contents mentioned in Environmental Clearance letter no. 1684/Parya/SEAC/1686/2013/DD(Sh) dated 11<sup>th</sup> October, 2013 shall remain same.

**11. Proposed of Jaypee Greens Wish Town Agra, District-Agar, U.P., M/s Jaypee Infratech Ltd. File No. 1087/Proposal No. SIA/UP/MIS/168661/2020**

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 2014/Parya/SEAC/1087/2011/DD(Y) dated 12<sup>th</sup> October, 2013 on Plot area 500 Ha and Built-up area 1,03,01,265.55 sqm. The validity of Environment clearance letter dated 12/10/2013 expired on 11/10/2020. The project proponent applied for extension of validity on 19/08/2020 as per MoEF&CC notification dated 29<sup>th</sup> April 2015.

The committee discussed the matter and recommended to extend the validity of Environmental Clearance letter dated 12/10/2013 for the period of 03 years i.e. 11/10/2020 to 10/10/2023.

All the contents mentioned in Environmental Clearance letter no. 2014/Parya/SEAC/1087/2011/DD(Y) dated 12<sup>th</sup> October, 2013 shall remain same.

**12. Proposed of Jaypee Greens Wish Town, Tappal, District-Aligarh, U.P., M/s Jaypee Infratech Ltd. File No. 1408/Proposal No. SIA/UP/MIS/168565/2020**

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 2014/Parya/SEAC/1408/2013/AD(H) dated 12<sup>th</sup> October, 2013 on Plot area 500 Ha and Built-up area 1,14,71,713 sqm. The validity of Environment clearance letter dated 12/10/2013 expired on 11/10/2020. The project proponent applied for extension of validity on 19/08/2020 as per MoEF&CC notification dated 29<sup>th</sup> April 2015.

The committee discussed the matter and recommended to extend the validity of Environmental Clearance letter dated 12/10/2013 for the period of 03 years i.e. 11/10/2020 to 10/10/2023.

All the contents mentioned in Environmental Clearance letter no. 2014/Parya/SEAC/1408/2013/AD(H) dated 12<sup>th</sup> October, 2013 shall remain same.

**13. Group Housing Project "Apex The Rio" at Khasra No.-526/2,Village-Kanawni, Ahinsa Khand -II, Ghaziabad, M/s Rio Heights Pvt. Ltd. File No. 4981/Proposal No. SIA/UP/MIS/168846/2020**

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 97/Parya/SEIAA/4981/2019 dated 29/05/2020 on Plot area 13,945 sqm and Built-up area 1,12,231.37 sqm for the name of "Group Housing Project "Apex The Rio" at Khasra No. 526/2,Village-Kanawni, Ahinsa Khand -II, Ghaziabad, M/s Rio Heights Pvt. Ltd."

The project proponent vide letter dated 01/07/2020 and online application dated 19/08/2020 informed that due to typographical error in the environmental clearance letter dated 29/05/2020 the khasra no. mentioned as 526/2 instead of 526/1M. The project proponent is requested to correct the khasra no. in environmental clearance letter dated 29/05/2020.

During presentation on dated 14/09/2020, the committee asked to submit the documentary proof such as revenue record/mutation record in justification of khasra no. 526/1m for necessary correction. So far the desired document is not submitted to the Secretariat. Hence, the case is lying pending at project proponent level.

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

**14. "Ordinary Sand Mining" on the river bed of River Ghaghra at Gata No.- 2 GH, 613, 1, 2, Village – Sarai Nasir Va Barai, Tehsil- Rudauli, District- Ayodhya, U.P. (Leased Area: 2.5 ha). File No. 5805/Proposal No. SIA/UP/MIN/170722/2020**

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

1. The environmental clearance is sought for "Ordinary Sand Mining" on the river bed of River Ghaghra at Gata No.- 2 Gha, 613, 1, 2, Village – Sarai Nasir Va Barai, Tehsil- Rudauli, District- Ayodhya, U.P. (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/170722/2020		
2.	File No. allotted by SEIAA, UP	5805		
3.	Name of Proponent	Shri Santosh Kumar Jaiswal		
4.	Full correspondence address of proponent and mobile No.	R/o C/102/578, Mohaddipur Prabhatgali, Pargana Haveli, Tehsil- Sadar, District– Gorakhpur, Uttar Pradesh		
		Mobile No-		
		Email-		
5.	Name of Project	Proposed riverbed Ordinary Sand mining project from Ghaghra River for Shri Santosh Kumar Jaiswal.		
6.	Project location (Plot/Khasra/Gata No.)	2 Gha, 613, 1, 2		
7.	Name of River	Ghaghra		
8.	Name of Village	Sarai Nasir Va Barai		
9.	Tehsil	Rudauli		
10.	District	Ayodhya		
11.	Name of Minor Mineral	Ordinary Sand		
12.	Sanctioned Lease Area (in Ha.)	2.5		
13.	Max & Min mRL within lease area	Max- 102 mRL and Min- 99.54 mRL		
14.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	26°50'58.68"N	81°47'1.14"E
		B	26°50'54.92"N	81°47'2.52"E
		C	26°50'53.75"N	81°47'15.29"E
		D	26°50'51.15"N	81°47'14.57"E
		E	26°50'53.10"N	81°47'7.57"E
		F	26°50'55.43"N	81°47'5.78"E
		G	26°50'56.21"N	81°47'0.77"E
15.	Total Geological Reserves	81,712 cum		
16.	Total Mineable Reserves in LOI	50,000 cum		
17.	Total Proposed Production	2,50,000 cum		
18.	Proposed Production/year	50,000 cum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	192.30		
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	53	
25. No. of vehicles movement/day	15	
26. Type of Land	Government waste land	
27. Ultimate Depth of Mining	2.46	
28. Nearest metalled road from site	.8 km	
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.53
	Suppression of dust	9.0
	Plantation	0.15
	Others (if any)	-
	Total	9.68
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, 203/ तीस उपखानिज/ क्ल०प्र०पत्र/2020	
33. Details of Lease Area in approved DSR	Yes, given in the DSR	
34. Proposed CER cost	Rs 4,56,000 /-	
35. Proposed EMP cost	Rs 1,08,167 /-	
36. Length and breadth of Haul Road	Length: 0.750 km, width: 6 m	
37. No. of Trees to be Planted	75 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-14**

**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. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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.

**15. Proposed of Ordinary Sand Mining Project on River Rapti at Gata No./Khand No./Zone No.- Ra-06, Village-Terhavir Karthari Urf Sisai, Tehsil- Campierganj, District- Gorakhpur, U.P., (Leased Area -5.00 ha.). File No. 5810/Proposal No. SIA/UP/MIN/171324/2020**

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

1. The environmental clearance is sought for Proposed of Ordinary Sand Mining Project on River Rapti at Gata No./Khand No./Zone No.- Ra-06, Village-Terhavir Karthari Urf Sisai, Tehsil- Campierganj, District- Gorakhpur, U.P., (Leased Area -5.00 ha.).
2. Salient features of the project as submitted by the project proponent:



1.	On Line Proposal No.	SIA/UP/MIN/171324/2020			
2.	File No. allotted by SEIAA, UP	5810			
3.	Name of Proponent	Sri Manoj Singh			
4.	Full correspondence address of proponent and mobile no.	R/o 289,Shakti Nagar Colony, Basharatpur, Tehsil-Sadar,District-Gorakhpur-273003			
5.	Name of Project	Area-5.00 Ha River Sand Mining at Gata/Khand/Zone No'-Ra-06, Village- Terhavir Karathari Urf Sisai, Tehsil- Campierganj ,District-Gorakhpur,U.P. Shri Manoj Singh			
6.	Project Location(Plot.Khsra/Gata No.)	RA-06			
7.	Name of Village	Terhavir Karathari urf Sisai			
8.	Tehsil	Campierganj			
9.	District	Gorakhpur			
10.	Name of the River	Rapti River			
11.	Name of Minor Mineral	River Sand			
12.	Sanctioned Lease Area (in Ha.)	5.00 Ha.			
13.	Max. & Min mRL within lease area	76.00 m AMSL & 75.00 m AMSL			
14.	Pillar Coordinates (Verified by DMO)	POINT	LATTITUDE	LONGITUDE	
		A	26°54'59.07"N	83°13'02.73"E	
		B	26°55'02.30"N	82°13'03.15"E	
		C	26°54'58.90"N	83°13'22.60"E	
		D	26°54'55.90"N	83°13'21.05"E	
15.	Total Geological Reserves	150000m <sup>3</sup> /Annum			
16.	Total Mineable Reserve in LOI	25,000m <sup>3</sup> /Annum			
17.	Total Proposed Production in LOI	25,000m <sup>3</sup> /Annum			
18.	Total Production in 5Years	25000*5=125,000			
19.	Sanctioned Period of Mine lease	5Years			
20.	Production of mine/day	111.00m <sup>3</sup> /Day			
21.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method			
22.	No. of working days	225 Days			
23.	Working hours/day	8 Hours			
24.	No. of worker	20 Worker			
25.	No. of vehicles movement/day	12Trucks / Day (Depending on market demand)			
26.	Type of Land	Govt. Land			
27.	Ultimate of Depth of Mining	1.00 m			
28.	Nearest metalled road from site	1.30 Km			
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)		
		Drinking	0.20 KLD		
		Suppression of dust	10.80 KLD		
		Plantation	0.66 KLD		
		Others (if any)			
		Total	11.66 KLD(12.00 approx KLD)		
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.94 Period of Validity- 31-01-2021			
31.	Any litigation pending against the project or land in any court	No			
32.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-259(1)/Khanij/2020 Date-29.7.2020			
33.	Details of Lease Area in approved DSR	(Sr. No': 37,Page 16)			
34.	Proposed CER cost	2% of total project cost ie Rs 94,590			
35.	Proposed EMP cost	16.11 Lakhs			

36.	Length and breadth of Haul Road	900 mtr Length & 6m width haulage road
37.	No. of Trees to be Planted	165 Trees

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

### **RESOLUTION AGAINST AGENDA NO-15**

**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. Before plantation in a selected area the soil testing should be done and species to be chosen accordingly.
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.

**(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**

**Annexure-1**

**Terms of Reference for the Mining Project**

- 1) Baseline data of post monsoon period October to December, 2020 should be carried out and submitted.
- 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 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, SO<sub>2</sub>, NO<sub>x</sub> 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, SO<sub>2</sub>, NO<sub>x</sub>) 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/Mining Plan.
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.

**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. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
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-4**

**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.