

### **Minutes of 685<sup>th</sup> SEAC-1 Meeting Dated 09/09/2022**

The 685<sup>th</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 09/09/2022. Following members participated in the meeting:

- |    |                            |                                    |
|----|----------------------------|------------------------------------|
| 1. | Dr. Ratan Kar,             | Vice-Chairman, SEAC-1 (through VC) |
| 2. | Dr. Ajai Mishra,           | Member, SEAC-1 (through VC)        |
| 3. | Dr. Brij Bihari Awasthi,   | Member, SEAC-1                     |
| 4. | Shri Umesh Chandra Sharma, | Member, SEAC-1                     |
| 5. | Shri Ashish Tiwari,        | Member-Secretary, SEAC-1           |

The Chairman welcomed the members to the 685<sup>th</sup> SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

**1. Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Araj No. /Plot No./Gata No- 174, Khand No.-B/10, at Village – Bangaliya, Tehsil- Meja, District- Prayagraj, M/s M.K.A. Enterprises, Area 2.428 ha., File No. 6371/Proposal No. SIA/UP/MIN/64027/2021**

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Araj No. /Plot No. Gata No- 174, Khand No.-B/10, Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.428 ha (6.0 Acres)), M/s M.K.A. Enterprises.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 402/Parya/SEIAA/6371/2021, Dated 31 December 2021.
3. The public hearing was organized on 27/05/2022. Final EIA report submitted by the project proponent on 14/07/2022.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/64027/2021
2.	File No. allotted by SEIAA, UP	6371
3.	Name of Proponent	M/s M.K.A. Enterprises Smt. Usha Rani Gavri (Prop)
4.	Full correspondence address of proponent and mobile no.	Usha Rani Gavri (Prop) W/o Shri Hemandas Gavri Add:- 21A, Lukarganj ( Near Police Chowki) Thana- Kuldabad, Tehsil- Sadar, District – Prayagraj U.P.- 211001 Mobile no. – 9628559000 E mail ID - ushastone00@gmail.com
5.	Name of Project	Environment Clearance of Proposed Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Araj No. /Plot No. Gata No- 174, Khand No.-B/10, Area 2.428 ha (6.0 Acres) at Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s M.K.A. Enterprises
6.	Project Location (Plot. Khasra/Gata No.)	Gata No- 174, Khand No.-B/10

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7.	Name of River	Stone mining project nearest River is Ganga River- 4.77 km (E)		
8.	Name of Village	Village – Bangaliya		
9.	Tehsil	Meja		
10.	District	Prayagraj		
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Gitti)		
12.	Sanctioned Lease Area (in Ha.)	2.428 ha		
13.	Max. & Min mRL within lease area	Highest mRL 112.20 Lowest mRL 103.0		
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 08.212”N	82° 16.703”E
		B	25° 08.220”N	82° 16.750”E
		C	25° 08.102”N	82° 16.814”E
		D	25° 08.060”N	82° 16.768”E
15.	Total Geological Reserves	3,75,710 m <sup>3</sup> / 10,51,988 Tonnes		
16.	Total Mineable Reserve	2,40,756 m <sup>3</sup> / 6,74,116 Tonnes		
17.	Total Proposed Production	1,21,400 m <sup>3</sup> (5 years)		
18.	Proposed Production /year (as per LoI)	24,280 m <sup>3</sup> /annum 67,984 Tonnes Per Annum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Method of Mining	Opencast, /Semi-mechanized		
21.	No. of working days	300		
22.	Working hours/day	8		
23.	No. of worker	36		
24.	No. of vehicles movement/day	11		
25.	Type of Land	Govt./Non Forest Land		
26.	Depth of Mining	6.0 m		
27.	Nearest metalled road from site	0.24 km		
28.	Water Requirement	PURPOSE		
		Drinking	- 0.36 KLD	
		Suppression of dust	- 2.88 KLD	
		Plantation	- 3.00 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 6.24 KLD	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development Lucknow NABET/EIA/2124/RA 0224, Valid upto 01/05/2024		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 757/Khanij/2020-21, dated 6/03/2021		
32.	Details of Lease Area in approved DSR	Serial no. 422, Page no. 39		
33.	Project Cost	1.30 Crore		
34.	Proposed CER cost	2.60 lacs/annum		
35.	Length and breadth of Haul Road	Length – 0.24 km, Breadth – 6.00 m		
36.	No. of Trees to be Planted	3,000		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 08/08/2022 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA/EMP report for the Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Araji No. /Plot No. Gata No- 174, Khand No.-B/10, Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.428 ha (6.0 Acres)), M/s M.K.A. Enterprises Proposal No. SIA/UP/MIN/64027/2022 with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project is being uploaded for the second time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The application for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**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. The committee also stipulated the following specific conditions:**

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

- (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
  10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
  11. The project proponent should explore the possibilities of rainwater harvesting.

**2. Building Stone (Khanda, Boulder, Gitti) Sandstone mine at Gata No- 174, Khand No.-B/5, Village-Bangaliya, Tehsil- Meja, District- Prayagraj, M/s D.P.S Enterprises, Area 2.0240 ha, File No. 6782/Proposal No. SIA/UP/MIN/70373/2021**

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

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Gitti) Sandstone mine at Araj No. /Plot No. Gata No- 174, Khand No.-B/5, Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.0240 ha (5.0 Acres)), M/s D.P.S Enterprises.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 03/Parya/SEIAA/6782/2021, Dated 04/04/2022.
3. The public hearing was organized on 28/06/2022. Final EIA report submitted by the project proponent on 14/07/2022.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/70373/2021															
2.	File No. allotted by SEIAA, UP	<b>6782</b>															
3.	Name of Proponent	M/s D.P.S Enterprises Shri Diwakar Singh (Prop)															
4.	Full correspondence address of proponent and mobile no.	Add:- Village- Kosanakalan, Manda Tehsil- Meja, District-Prayagraj U.P.- 212302 Mobile no. – 7668045138 E mail ID - dpsstone38@gmail.com															
5.	Name of Project	Environmental Clearance for Proposed Building Stone (Khanda, Boulder, Gitti) Sandstone mine at Araj No. /Plot No. Gata No- 174, Khand No.-B/5, Area 2.0240 ha (5.0 Acres) at Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s D.P.S Enterprises															
6.	Project Location (Plot. Khasra/Gata No.)	Gata No- 174, Khand No.-B/5															
7.	Name of River	Stone Mining Project, Nearest river Ganga River - 4.99 km (N))															
8.	Name of Village	Village – Bangaliya															
9.	Tehsil	Meja															
10.	District	Prayagraj															
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Gitti)															
12.	Sanctioned Lease Area (in Ha.)	2.0240 ha															
13.	Max. & Min mRL within lease area	Highest mRL 107.8 Lowest mRL 92.60 mRL															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 08.030"N</td><td>82° 16.454"E</td></tr> <tr> <td>B</td><td>25° 08.031"N</td><td>82° 16.514"E</td></tr> <tr> <td>C</td><td>25° 07.952"N</td><td>82° 16.550"E</td></tr> <tr> <td>D</td><td>25° 07.950"N</td><td>82° 16.485"E</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	25° 08.030"N	82° 16.454"E	B	25° 08.031"N	82° 16.514"E	C	25° 07.952"N	82° 16.550"E	D	25° 07.950"N	82° 16.485"E
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15.	Total Geological Reserves	5,97,264 m <sup>3</sup> / 16,72,339 Tonnes															

16.	Total Mineable Reserve	2,23,692 m <sup>3</sup> / 6,26,337 Tonnes
17.	Total Proposed Production	1,01,200 m <sup>3</sup> (5 years)
18.	Proposed Production /year (as per LoI)	20,240 m <sup>3</sup> /annum, 56,672 TPA
19.	Sanctioned Period of Mine lease	Plan Period 5 years
20.	Method of Mining	Opencast, /Semi-mechanized method
21.	No. of working days	300
22.	Working hours/day	8
23.	No. of worker	36
24.	No. of vehicles movement/day	7
25.	Type of Land	Govt./Non Forest Land
26.	Depth of Mining	18 m
27.	Nearest metalled road from site	0.10 km
28.	Water Requirement	<div>PURPOSE</div> <div>Drinking - 0.36 KLD</div> <div>Suppression of dust - 1.20 KLD</div> <div>Plantation - 3.00 KLD</div> <div>Others (if any) - 0.00 KLD</div> <div>Total - 4.56~5.00 KLD</div>
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till -01 May 2024
30.	Any litigation pending against the project or land in any court	No
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 4242 /Khanij/2020-21, dated - 14/12/2021
32.	Details of Lease Area in approved DSR	Serial no. 422, Page no. 39
33.	Project Cost	1.20 Crore
34.	Proposed CER cost	2.4 lacs/annum
35.	Length and breadth of Haul Road	Length – 0.10 km, Breadth – 6.00 m
36.	No. of Trees to be Planted	3000

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

The consultant (EIA Coordinator) also submitted an affidavit dated 08/08/2022 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA/EMP report for the Building Stone (Khanda, Boulder, Gitti) Sandstone mine at Araj No. /Plot No. Gata No- 174, Khand No.–B/5, Village – Bangaliya, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.0240 ha (5.0 Acres)), M/s D.P.S Enterprises, Proposal No. SIA/UP/MIN/70373/2022 with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
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6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The application for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 02**

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

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

**3. Commercial Project “Platinum Mall” at Plot No. T-6, IBB-2, Shushant Golf City, District -Lucknow, of M/s Platinum Mall Pvt. Ltd. File No. 7212/6590/Proposal No. SIA/UP/MIS/287849/2022**

The committee was informed that an application dated 22/09/2021 (Proposal No. SIA/UP/MIS/67763/2021) was made by the project proponent M/s Platinum Mall Private Limited for environmental clearance of Proposed Commercial Project “Platinum Mall” at Plot No. T-6, IBB-2, Shushant Golf City, Lucknow, U.P. under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7<sup>th</sup> July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The committee was also informed that approximately 55% of construction work has already been completed by the project proponent without obtaining prior environmental clearance and Rs. 89.92 Crore has been invested in the project as per Chartered Accountant Certificate submitted by the project proponent.

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

The committee was informed by the Nodal Officer that as per records available with Directorate and written communication by all concerned in the directorate, no complaint has been received in the Directorate of Environment UP till this date of meeting against the said project regarding starting of construction work at site without obtaining prior environmental clearance.

The Project proponent has submitted project Cost Certificate issued by Chartered Accountants, Vidisha & Associates dated 04/09/2021 stating total project cost incurred is Rs. 89.92 Crores.

In view of the above, Committee recommended to impose a penalty of Rs. 44.96 Lakhs (0.5% of total project cost incurred up to 31/08/2021) on project proponent which has to be deposited with UPPCB before filling of EIA Report. In case it comes to notice of SEIAA/ SEAC that any complaint is received from any person/institution/departments/organization prior to suo-moto declaration of the project proponent then penalty will be increased to 1% as per SoP/OM dated 7<sup>th</sup> July, 2021.

The committee also directed the project proponent will not start operation at the site until the Environmental Clearance is granted as per section 11 of standard operating procedure (SoP) for identification and handling of violation case under EIA Notification, 2006.

The terms of reference for the project proposal was issued by SEIAA vide letter no. 141/Parya/SEIAA/6590/2022, dated 18/07/2022. EIA report submitted by the project proponent through online Parivesh Portal vide (Proposal no. SIA/UP/MIS/287849/2022, SEIAA File No. 7212) on 10/08/2022.

The matter was scheduled for EIA appraisal in 685<sup>th</sup> SEAC meeting dated 09/09/2022. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment & Development).

During the presentation the project proponent/consultant informed that the SEIAA in its 579<sup>th</sup> meeting dated 07/04/2022 observed that as per the site photograph and presentation it seems that the project is still under construction and cost incurred is 89.92 crores whereas as per the CA certificate the total project cost is 89.92 crores and directed that the project proponent should submit the cost incurred as on date from the authorized valuer.

The project proponent vide letter dated 13/05/2022 submit that the earlier cost certificated dated 31/08/2021 issued by Vidisha & Associates (Chartered Accountant) mentioned that total cost incurred as Rs. 89.92 crores, this total cost also included that land cost of Rs. 44.87 Crores and overheads cost. The project proponent submit revised certificate from Er. Anil Kumar Misra, Registered Valuer of Income Tax Department which mentioned that the cost incurred on construction is Rs. 41,36,75,301/- (Rupees forty one crore thirty six lakhs seventy five thousand three hundred one only).

**The committee deliberated that during the presentation of terms of reference (ToR) application as per the documents/CA certificate submitted by the project proponent the committee imposed the penalty of Rs. 44.96/- Lakhs as per clause 12.2 of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021.**

**In view of above, the committee withdraws its recommendation to imposed the penalty of Rs. 44.96/- Lakhs as per earlier CA certificate dated 31/08/2021 and imposed the revise penalty of Rs. 20,68,376/- (0.5% of total project cost incurred up to 23/05/2022) as per revised certificate from Er. Anil Kumar Misra, Registered Valuer of Income Tax Department submitted by the project proponent on 13/05/2022.**

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Proposed Commercial Project “Platinum Mall” at Plot No. T-6, IBB-2, Shushant Golf City, Lucknow, UP. M/s Platinum Mall Private Limited.
2. The terms of reference in the matter were issued by SEIAA vide letter no. 141/Parya/SEIAA/6590/2022, dated 18/07/2022 in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021.
3. Salient features of the project:

Details	Proposed (sq m)
Plot area	18945.85
Ground coverage	8009.00
Green Area	2729.24 sq m (93 nos. of tree proposed to be planted)
Floor Area Ratio (FAR)	43166.00
Non- FAR Basement	21990.00
Built Up Area	67194.94
Population	5803
Area utilization	Shops/ Commercial/ Multiplex
Max Floors	B+5 <sup>th</sup> Floors
Water Demand	Domestic demand – 99 KLD
Waste water	80 KLD
Power Load	3200 KW from state board
DG Sets	800 KVA x 5 Nos.
Rain water harvesting pits	02

4. Detailed area statement:

FLOORS	Use	Fire escape Area	Area For Parking (Sq. Mtr.)	FAR Achieved (Sq. Mtr.)	Mummtly & Machine Room (Sq. Mtr.)	AREA FOR FEES ( in Sq.Mtr)
Lower Basement	Parking (not calculated in F.A .R.)		10 995.00			10 995.00



Upper Basement	Parking (not calculated in F.A .R.)		10995.00			10995.00
Lower Ground Floor	Commercials	223.00		6775.000		6998.00
Upper Ground Floor	Commercials	223.00		6501.000		6724.00
1st Floor	Commercials	223.00		6709.000		6932.00
2nd Floor	Commercials	223.00		6709.000		6932.00
3rd Floor	Commercials	223.00		6709.000		6932.00
4th Floor	Lower Multiplex/ Office/ Shop/ Commercial	223.00		6709.000		6932.00
5th Floor	Upper Multiplex/ Office/ Shop/ Commercial	223.00		3054.000		3277.00
Terrace					477.943	477.943
Total Built-up Areas		1561	21990.000	43166.000	477.943	67194.94

5. Population details:

Particulars	Carpet area	Population details
Commercials	5758.8	960
Commercials	5525.9	921
Commercials	5702.7	950
Commercials	5702.7	950
Commercials	5702.7	950
Lower Multiplex/ Office/ Shop/ Commercial	5702.7	1071
Upper Multiplex/ Office/ Shop/ Commercial	2595.9	960
	36691.100	5803

6. Water calculation details:

S.No.	Description	Population/area	Rate of water demand	Fresh Water Demand	Rate of water demand	Flushing Water Demand	Total Water Demand
		Nos.	LPCD	LPCD	LPCD	LPCD	LPCD
	Commercials	960	5.0	4799.0	10	9597.9	14396.9
	Commercials	921	5.0	4604.9	10	9209.8	13814.6
	Commercials	950	5.0	4752.2	10	9504.4	14256.6
	Commercials	950	5.0	4752.2	10	9504.4	14256.6
	Commercials	950	5.0	4752.2	10	9504.4	14256.6
	Lower Multiplex/ Office/ Shop/ Commercial	1071	65	5355.0	21	10710.0	16065.0
	Upper Multiplex/ Office/ Shop/ Commercial	960	65	4799.0	21	9597.9	14396.9
A (Domestic water requirement)				29015 ~ 29KLD		58030 ~ 58KLD	87046 ~ 87KLD
Non- domestic water requirement (B+C+D)							
B	Landscape development	2841.75	1.0lit			3000	3000
C	DG set cooling	3200kVA	0.9l/kVA/2hr			5760	5760
D	Centrly Chillers /	320TR	(12 l/Ton/hr for 13hr)			47000	47000

	HVAC System						
TOTAL WATER DEMAND (A+B+C+D)						55478 ~ 55KLD	142524 ~ 142KLD

7. Waste water details:

Details	Water (KLD)
Fresh water demand	58KLD
Flushing/recycled water demand	29 KLD
Total Wastewater generated	70 KLD
STP Capacity	100KLD
Landscape demand	3KLD

8. Solid waste details:

S. No.	Particulars	Population	Waste (kg/day)	Generation
1	Commercial population (@0.2 kg/day)	5803	1160.60	
2	Landscape waste (2841.7 × 0.0037 kg/sqm/day)		10.51	
	Total (Kg/day)			
3	E-Waste (0.15 kg/C/Yr) + obsolete machinery		2.0 kg/yr	

9. Damage Assessment, Remediation Plan & Budgetary provision:

S. No	Activities	Total Budgeted (Lakhs)
1	Air Environment	235040
2	Water Environment	180000
3	Land Environment	80060
4	Biological Environment	70000
5	Noise Environment	50000
6	Socio-economic Environment	90000
	<b>Total</b>	<b>705100</b>

10. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended) and MoEF&CC, violation SoP/Office Memorandum dated 07/07/2021 for the violation project.

The consultant (EIA Coordinator) also submitted an affidavit dated 09/08/2022 mentioning is as follows:

1. I, Akash Verma S/o Late Shri R.P. Verma am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA/EMP report for the file no. 6590, Proposal No. SIA/UP/MIN/287849/2022 of the client Shri Sameer Kumar Agarwal Director, Proposed Commercial Project "Platinum Mall" at Plot No. T-6, IBB-2, Shushant Golf City, Lucknow, UP. M/s Platinum Mall Private Limited with my team.
3. I have personally visited the site of proposal and certify that the project is under violation category. Approximately 55% construction has been done at the site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal. In case the project is being uploaded for the second time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.

7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The application for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 03**

**The committee discussed the matter in depth in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to submission of penalty of Rs. 20,68,376/- and bank guarantee of Rs. 705100/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to UPPCB) on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:**

**Additional Conditions:**

1. The project proponent shall submit a bank guarantee of Rs. 705100/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to the SPCB. The bank guarantee shall be released after successful implementation of the EMP, and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.
2. The State Govt./SPCB to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop 03 tier plantations to all around the boundary of project.
8. Project Proponent should adopt 02 villages & develop them as model village.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  3. 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 purposes involved in the project.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  5. 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.

6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
  4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
  5. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  6. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  7. Wet jet shall be provided for grinding and stone cutting.
  8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
  10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
  11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  12. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swaes, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.

4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and

Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise monitoring and prevention:
  1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash

- bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. 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. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
11. Miscellaneous:
1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.



11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**4. Group Housing Project at Khasra No. 197m, 209m, 210m, 211m, 212m, 214m, 215m, at Village Makanpur, Ramprastha Greens, Vaishali Extension, Tehsil & District- Ghaziabad, U.P., M/s Ramprastha Real Estate Pvt. Ltd. Shri Pradeep Yadav, File No. 7214/Proposal No. SIA/UP/MIS/283225/2022**

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

1. The environmental clearance is sought for Group Housing Project at Khasra No. 197m, 209m, 210m, 211m, 212m, 214m, 215m, at Village Makanpur, Ramprastha Greens, Vaishali Extension, Tehsil & District- Ghaziabad, U.P., M/s Ramprastha Real Estate Pvt. Ltd.
2. Total plot area of the project is 16,396 m<sup>2</sup> and built-up area will be 1,01,232.58 m<sup>2</sup> respectively.
3. Maximum number of floors will be 2B+ST+28 and maximum height of the building will be 108 meter.
4. Salient features of the project:

SN	Description	Particulars	Unit
<b>GENERAL</b>			
1	Plot Area	16396	SQM
2	Proposed Built Up Area	101232.58	SQM
3	Number of Building Blocks	4	NOS
4	Total no of Saleable DU's	337	NOS
5	Max Height of Building (Upto Terrace)	108	M
6	Max No of Floors	2B+S+28	NOS
7	Cost of Project	272	CR
8	Expected Population	2501	PERSONS
9	Permissible Ground Coverage Area (@40%)	6558.40	SQM
10	Proposed Ground Coverage Area (16.01%)	2625.629	SQM
11	Permissible FAR Area (@400)	65584	SQM
12	Proposed FAR Area (@3.77 incl green FAR)	65340.00	SQM
13	Proposed Non FAR Area	35892.58	SQM
14	Proposed Built Up Area	101232.58	SQM
<b>WATER</b>			
15	Total Water Requirement	207	KLD
16	Fresh water requirement (Source : Municipal Supply)	148	KLD
17	Waste water Generation	168	KLD

18	Proposed STP Capacity	210	KLD
19	Treated Water Available for Reuse	151	KLD
20	Recycled Water	59	KLD
21	Surplus Treated water	93	KLD
<b>RAIN WATER HARVESTING</b>			
22	Rain Water Harvesting Potential	214.11	CUM
23	No of RWH of Pits Proposed	4	NOS
<b>PARKING</b>			
24	Total Parking required	478	ECS
25	Total Proposed Parking	940	ECS
26	Proposed Surface Parking	86	ECS
27	Proposed Stil & Podium Parking	139	ECS
28	Proposed Basements Parking	715	ECS
<b>GREEN AREAS</b>			
29	Required Green Area	2459.4	SQM
30	Proposed Green Area (15% of Plot Area) 210 nos. of trees proposed to be planted	2464.79	SQM
<b>WASTE GENERATION</b>			
31	Municipal Solid Waste Generation	1.15	TPD
32	Bio Degradable waste	0.69	TPD
33	Quantity of Sludge Generated from STP	16.83	KG/DAY
<b>POWER</b>			
34	Total Power Requirement	3734	KW
35	DG set backup	3250	KVA

**5. Water requirement details:**

	POPULATION/ AREA/UNIT	RATE LTS IN	TOTAL QTY IN KL
<b>RESIDENTIAL</b>			
DOMESTIC	2246	65	146
FLUSHING	2246	21	47
<b>NON-RESIDENTIAL (Working)</b>			
DOMESTIC	30	25	0.75
FLUSHING	30	20	0.60
<b>VISITORS</b>			
DOMESTIC	225	5	1.12
FLUSHING	225	10	2.25
<b>TOTAL POPULATION</b>	2501		
<b>GARDENING</b>	2464.79	3.5	9
<b>TOTAL WATER REQUIREMENT</b>			207

**Waste water details:**

- Estimated waste water Generation: 168 kld
- Treated water usage: 59 kld
- Proposed STP (Capacity): 210 kld
- Proposed treatment methodology : MBBR
- Treatment up to tertiary level.
- STP shall have power back-up for uninterrupted operation during power failure.
- Treated waste water will be used for Flushing & Gardening.
- Surplus treated water to be used for nearby construction activities / discharge into public sewer with prior permission : 93 kld

**6. Solid waste generation details:**

Waste Category	Quantity	Unit
Total Solid Waste Generation	1.15	TPD
Organic waste	0.69	TPD
Quantity of Sludge Generated from STP	16.83	KG/DAY

**7. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended).**

The consultant (EIA Coordinator) also submitted an affidavit dated 16/08/2022 mentioning is as follows:

1. I, Suman Banerjee, S/o Shri Nanak Chandra Banerjee, am the EIA Coordinator of Ind Tech House Condukt.
2. I have prepared EC report for the proposal no. SIA/UP/MIS/283225/2022 of Group Housing Project at Khasra No. 197m, 209m, 210m, 211m, 212m, 214m, 215m, at Village Makanpur, Ramprastha Greens, Vaishali Extension, Tehsil & District- Ghaziabad, U.P., M/s Ramprastha Real Estate Pvt. Ltd. with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal as on 13 August, 2022.
4. I am satisfied with that all the necessary data/information submitted along with form-1, 1A, & conceptual plan are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. The environmental clearance report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO-04**

**The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:**

**Additional Conditions:**

1. Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.
2. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
5. The proponent should provide the electric vehicle charging points and also allocate the safe and suitable place in the premises for the same.
6. Project Proponent should adopt 01 village & develop them as model village.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
3. 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.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. 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.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
  4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
  9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
  10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and

- water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
  12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
  13. All recharge should be limited to shallow aquifer.
  14. No ground water shall be used during construction phase of the project.
  15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
  16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
  18. No sewage or untreated effluent water would be discharged through storm water drains.
  19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per

- statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
  21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.

5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
  1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. 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. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
  1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
11. Miscellaneous:
  1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.



8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**5. Khailar Khanda- Boulder/ Gitty- Ballast Mining Project at Gata No. 669 (Khand No.17), Village- Khailar, Tehsil- Sadar, District-Jhansi, Uttar Pradesh by Smt. Kavita Parecha, Area- 1.655 Ha., File No. 7215/6472/Proposal No. SIA/UP/MIN/77899/2021**

**RESOLUTION AGAINST AGENDA NO-05**

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

**6. Soil Mining Project from Gata No.- 714 Mi, 753 , 741/1, 750 Mi, 714 Mi /11 Village- Khaleelpur Kadeem, Tehsil- Kanth, District- Moradabad, U.P., (Leased Area : 2.8475 Ha). File No. 7216/Proposal No. SIA/UP/MIN/289175/2022**

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

1. The environmental clearance is sought for Soil Mining Project from Gata No.- 714 Mi, 753 , 741/1, 750 Mi, 714 Mi /11 Village-Khaleelpur Kadeem, Tehsil- Kanth, District- Moradabad, U.P., (Leased Area : 2.8475 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/289175/2022
2. File No .allotted by SEIAA,UP	7216
3. Name of Proponent	Sumit Choudhary
4. Registered Address	Mahendari Sikandarpur, Chhajlet District- Moradabad, U.P

5. Full correspondence address of proponent and mobile no.	Mahendari Sikandarpur, Chhajlet District- Moradabad, U.P soilsumit@gmail.com			
6. Name of Project	Khaleelpur Soil Mining Project			
7. Project location (Plot/ Khasra /Gata No.)	Khasra No- 714मि, 753, 741/1, 750मि, 714मि/11			
8. Name of Village	Khaleelpur Kadeem,			
9. Tehsil	Kanth			
10.District	Moradabad			
11. Name of Minor Mineral	Ordinary soil			
12. Total Area (in Ha.)	2.8475 ha			
13. Mineable Area (in Ha.)	2.3065 ha			
14.Pillar Coordinates(Verified by OMO)		Latitude	Longitude	
	714 मि			
	A	29° 0'33.18"N	78°38'53.72"E	
	B	29° 0'32.13"N	78°38'54.38"E	
	C	29° 0'30.92"N	78°38'51.49"E	
	D	29° 0'31.96"N	78°38'50.81"E	
	753			
	A	29° 0'31.97"N	78°39'1.14"E	
	B	29° 0'29.58"N	78°38'57.69"E	
	C	29° 0'33.03"N	78°38'54.95"E	
	D	29° 0'33.89"N	78°38'56.64"E	
	E	29° 0'33.60"N	78°38'57.56"E	
	F	29° 0'33.54"N	78°38'58.73"E	
	741/1			
	A	29° 0'36.50"N	78°38'55.15"E	
	B	29° 0'35.78"N	78°38'54.08"E	
	C	29° 0'37.15"N	78°38'53.02"E	
	D	29° 0'37.84"N	78°38'54.18"E	
	750 मि			
	A	29° 0'36.53"N	78°38'55.19"E	
	B	29° 0'35.41"N	78°38'55.90"E	
	C	29° 0'34.21"N	78°38'53.98"E	
	D	29° 0'35.21"N	78°38'53.33"E	
	714 मि /11			
	A	29° 0'33.11"N	78°38'53.20"E	
	B	29° 0'33.59"N	78°38'54.12"E	
	C	29° 0'34.86"N	78°38'53.24"E	
	D	29° 0'34.47"N	78°38'52.40"E	
	15. Period of agreement between Project proponent & Land Owner	6 months		
	16. Mine Plan approval details	Letter No. 211 dated 18-08-2022		
	17. Validity of Mine Plan	6 months		
	18.Total Proposed Production (six months)	1,08,204 tonnes /67628 cum		
	19. Proposed Production/year	The project is only for 6 months		
	20.Method of Mining	Semi-Mechanized Opencast		
21.No.Of workers	20			
22.Type of Land	Pvt. Land (Agriculture)			
23.Ultimate Depth of Mining	2.5 Meter			
24. Water Requirement	Purpose	Requirement (kld)		
	Drinking and domestic	0.5		
	Suppression of dust	1.5		
	Plantation	1.5		
	Others( if any)	----		
	Total	3.50		
25. Name of QCI Accredited Consultant with QCI No and period of validity.	Rian Enviro Private Limited 202, 204, Mangal market, Raza Bazar Sheikhpura Patna, Bihar			

	Valid till: 10/03/2024	
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	Nil	--
28. Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	Nil	--
29. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 210 dated 18-08-2022	
30. Proposed CER cost	0.60 Lakh	
31. Proposed EMP cost	1.5 Lakh	
32. No. of Trees to be Planted	750	

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).

The consultant (EIA Coordinator) also submitted an affidavit dated 08/08/2022 mentioning is as follows:

1. I, Mujjafar Ahmad, S/o Sri Iqbal Ahmad is EIA Coordinator of Rian Enviro Pvt. Ltd.
2. I have prepared EIA/EMP report (B-2) for the proposal (EC) in the name of Khaleelpur Soil Mining Project with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project is being uploaded for the second time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. The application for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 06**

**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 to these minutes.**

**7. Modernisation of Existing Rolling Mill of capacity 240000 MTPA and Setting up of 237600 MTPA MS Billet Plant through Induction Furnace Route & CCM Location Plot “E” & C -133 to 152, Phase-III, Masuri Gulawati Road, UPSIDC Industrial Area, P.O. – Udayamrampur Nagla, Hapur, U.P., M/s Shri Rathi Steel Ltd., File No. 7139/Proposal No. SIA/UP/IND/77889/2022**

The committee noted that the matter was earlier listed in 670<sup>th</sup> SEAC meeting dated 04/07/2022 and directed the project proponent to submit following information:

1. As per KML file no plantation/green belt is visible in the premises and the plant has already established before 2006. Project proponent should plant the required plantations in the premises as per norms (33% of the total plot area) with proof.
2. Compliance report of CTE/CTO duly certified by UPPCB.

The project proponent submitted their replies through online Parivesh portal on 20/08/2022 and the matter was listed in 685<sup>th</sup> SEAC meeting dated 09/09/2022 for ToR reply presentation. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, UP. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Modernization of Existing Rolling Mill of capacity 240000 MTPA (Metric Tons per Annum) and Setting up of 237600 MTPA MS Billet Plant through Induction Furnace Route & CCM Location Plot “E” & C -133 to 152, Phase-III, Masuri Gulawati Road, UPSIDC Industrial Area, P.O.-Udayamrampur Nagla, District– Hapur, U.P., M/s Shri Rathi Steel Ltd.
2. Salient features of the project:

Particulars	Details
Proposed Project	M/s Shri Rathi Steel Limited
Location	Plot E & C-133-152 Masuri Gulawati Road UPSIDC Industrial Area PO Udayamrampur Nagla District Hapur-201015
Latitude	28°38'53.96"N
Longitude	77° 45.351'E
Category of the project	3(a) Metallurgical industries (ferrous & non ferrous)
Proposed Capacity	MS Billets Plant 237600 MTPA Raw Material MS Scrap 175000 MTPA Sponge 89000 MTPA
Land Area	4.3875 ha
Power Requirement	37500 KVA (UPPCL)
Estimated Project Cost	80.61 Crores
Manpower	60

3. Raw material details:

Raw Material	MT Per Annum	Source	Transportation
MS Scrap	175000	Purchase from Local Market	Transported through covered trucks
Sponge	89000	Purchase from Local Market	

4. Water and waste water details:

S. No	Activity	Required Quantity (KLD)	Waste Water Generation (KLD)
1	Domestic	50.0	16.2
2	Cooling Tower	450	99.0
3	Gardening	0.0	23.0
	Total	500 KLD	115.2
ETP			120 KLD

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/05/2022 mentioning is as follows:

1. I, Akash Kumar S/o Late R.P. Verma, am EIA Coordinator of M/s Paramarsh (Servicing Environment and Development, Lucknow).
2. I have prepared report for the File No. 7139, (Proposal No. SIA/UP/IND/77889/2022, of the client Shri Dhruv Rathi, Director, for the Modernization of Existing Rolling Mill of capacity 240000 MTPA (Metric Tons per Annum) and Setting up of 237600 MTPA MS Billet Plant through Induction Furnace Route & CCM Location Plot "E" & C -133 to 152, Phase-III, Masuri Gulawati Road, UPSIDC Industrial Area, P.O. Udayamrampur Nagla, District- Hapur, U.P., M/s Shri Rathi Steel Ltd. with my team.
3. I have personally visited the site of proposal and certify that it is a existing project since 2002 and for the same CTE has been issued to M/s Shri Rathi Steel Ltd. There is no construction activity has been undertaken in the expansion/modification area.
4. I have satisfied with that all the necessary data/information required for TOR application preparation are true and correct.
5. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

#### **RESOLUTION AGAINST AGENDA NO. 03**

**The committee discussed the matter and recommended to issue standard terms of reference prescribed by MoEFCC along with additional TOR for the preparation of EIA:**

##### **Additional TOR:**

1. Minimum 03 meter green belt should be developed around the periphery of the plant. Drone videography around the plant should be presented at the time of EIA.
2. Certified copy of old layout plan.
3. Director of the company will be present during the EIA presentation.
4. Complete plan/proposal for slag utilization to be prepared and submitted.
5. Proposal for Air pollution control system along with primary and secondary system to control fugitive emissions to be submitted.
6. Existing green belt detail and proposed plantation along with map to be submitted.
7. Photographs of existing plan along with air pollution control system to be provided
8. Compliance report of CPCB/SPCB direction/guidelines for this category of plants to be submitted.
9. Layout map indicating existing unit as well as proposed unit indicating storage area, plant area, utilities etc.
10. Monitoring site photographs along with person, date, time and place with geo coordinates should be submitted.

##### **Standard terms of reference:**

- 1) Executive Summary
- 2) Introduction
  - i. Details of the EIA Consultant including NABET accreditation
  - ii. Information about the project proponent
  - iii. Importance and benefits of the project
- 3) Project Description
  - i. Comparative details of existing plant and proposed expansion.

- ii. Compliance report of CTO/CTE for existing unit.
- iii. Cost of project and time of completion.
- iv. Products with capacities for the proposed project.
- v. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any
- vi. List of raw materials required and their source along with mode of transportation.
- vii. Other chemicals and materials required with quantities and storage capacities
- viii. Details of Emission, effluents, hazardous waste generation and their management.
- ix. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- x. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to products to be provided
- xi. Hazard identification and details of proposed safety systems.
- xii. Expansion/modernization proposals:
- xiii. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
- xiv. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

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

frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)

- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy.

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

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

6) Environmental Status

- I. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- II. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO<sub>2</sub>, NO<sub>x</sub>, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
- III. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAAQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- IV. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
- V. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
- VI. Ground water monitoring at minimum at 8 locations shall be included.
- VII. Noise levels monitoring at 8 locations within the study area.
- VIII. Soil Characteristic as per CPCB guidelines.
- IX. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
- X. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- XI. Socio-economic status of the study area.

7) Impact and Environment Management Plan

- I. Assessment of ground level concentration of pollutants from the stack emission based on site specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- II. Water Quality modelling - in case of discharge in water body
- III. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor cum-rail transport shall be examined.
- IV. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
- V. Details of stack emission and action plan for control of emissions to meet standards.
- VI. Measures for fugitive emission control
- VII. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- VIII. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- IX. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- X. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- XI. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- XII. Action plan for post-project environmental monitoring shall be submitted.
- XIII. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

**8) Occupational Health:**

- I. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.
- II. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.



- III. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
- IV. Annual report of health status of workers with special reference to Occupational Health and Safety.

9) Corporate Environment Policy

- I. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - II. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms /conditions? If so, it may be detailed in the EIA.
  - III. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - IV. Does the company have system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report.
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.

11) Enterprise Social Commitment (ESC)

- I. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.

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

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

- 1. Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs & outputs (material and energy balance).
- 2. Details on blast furnace/ open hearth furnace/ basic oxygen furnace/ladle refining, casting and rolling plants etc.
- 3. Details on installation/activation of opacity meters with recording with proper calibration system
- 4. Details on toxic metals including mercury, arsenic and fluoride emissions
- 5. Details on stack height requirement for integrated steel
- 6. Details on ash disposal and management -Non-ferrous metal
- 7. Complete process flow diagram describing production of lead/zinc/copper/ aluminium, etc.
- 8. Raw materials substitution or elimination
- 9. Details on smelting, thermal refining, melting, slag fuming, and Waelz kiln operation
- 10. Details on Holding and de-gassing of molten metal from primary and secondary aluminum, materials pre-treatment, and from melting and smelting of secondary aluminium
- 11. Details on solvent recycling
- 12. Details on precious metals recovery

13. Details on composition, generation and utilization of waste/fuel gases from coke oven plant and their utilization.
14. Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
15. Trace metals Mercury, arsenic and fluoride emissions in the raw material.
16. Trace metals in waste material especially slag.
17. Plan for trace metal recovery
18. Trace metals in water

**8. Building Stone (Khandas/Boulder, Bailast & Gitti) Mining Project at Gata No.-346, Village- Umanniya, Tehsil-Rath, District -Hamirpur, Area-0.5060 ha., File No. 6520/Proposal No. SIA/UP/MIN/226505/2021**

The committee noted that the matter was earlier listed in 607<sup>th</sup> SEAC meeting dated 13/12/2021 and directed the project proponent did not submit the modification/rectification of DSR approved by District Magistrate, Hamirpur. The project proponent submitted their replies through online Parivesh portal on 22/08/2022 and the matter was listed in 685<sup>th</sup> SEAC meeting dated 09/09/2022.

The project proponent submit a letter dated 29/08/2022 through which they have informed that they have changed their environment consultant from M/s Globus Environment Engineering Services to M/s Parivesh Environmental Engineering Services.

A presentation was made by the project proponent along with their consultant M/s Parivesh Environmental Engineering Services. During the presentation the committee observed that the EIA coordinator affidavit has not been submitted by EIA coordinator of M/s Parivesh Environmental Engineering Services which was already uploaded along with the agenda of meeting on website (www.seiaaup.in). Hence, the committee directed the project proponent/consultant to submit EIA coordinator affidavit for further consideration of the matter.

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

**9. Revision and Modification of Commercial Project “Sava Status” at Commercial Plot No. C3-A, Sector-129, Noida, District-Gautam Budh Nagar, U.P., M/s Alisa Infratech Pvt. Ltd., File No. 7167/Proposal No. SIA/UP/MIS/276369/2022**

The committee noted that the matter was earlier listed in 673<sup>rd</sup> SEAC meeting dated 19/07/2022 and directed the project proponent is as follows:

*“The committee observed that the project proposal seems to be a modification/revision of environmental clearance. Therefore, project proponent/consultant is advice to proceed accordingly.”*

The project proponent submitted their replies through online Parivesh portal on 22/08/2022 and the matter was listed in 685<sup>th</sup> SEAC meeting dated 09/09/2022. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Revision and Modification of Commercial Project “Saya Status” at Commercial Plot No. C3-A, Sector-129, Noida, District-Gautam Budh Nagar, U.P., M/s Alisa Infratech Pvt. Ltd.
2. Environmental clearance for the existing project was issued by SEIAA, U.P vide letter no. 1931/Parya/SEAC/2081/2013/DDY, dated 12/10/2013 for the plot area 18,898.88 sqm and built up area of 1,30,085 sqm respectively.
3. Comparative details of existing and proposed amendment project:

S. N.	Description	Earlier as per EC dated 12.10.2013	Proposed Revision & Modifications	Unit
1.	Total plot area	18898.88	18898.88	SQMTR
2.	Permissible Ground Coverage	7559.552	9449	SQMTR
3.	Proposed Ground Coverage	7140	9440.60	SQMTR
4.	Green/Landscape Area	5669.664	4745.59	SQMTR
5.	Proposed FAR	74415	78605.84	SQMTR
6.	Proposed 15% FAR	-	3698.71	SQMTR
7.	Non FAR	55670	41957.58	SQMTR
8.	Total Built-up Area	1,30,085	1,24,262.13	SQMTR
9.	Maximum No. of Floor	G+35	G+9	Nos
10.	No. of Tower	1	1	Nos
11.	Total Water Requirement	745	639	KLD
12.	Fresh Water Requirement	239	141	KLD
13.	Waste Water Generation	542	443	KLD
14.	Proposed STP Capacity	600	530	KLD
15.	Treated Water Available for Reuse	506	359	KLD
16.	No. of Rain Water Harvesting storage Tanks	4	4	No.
17.	Total Parking Proposed	1617	1643	ECS
18.	Total Power Requirement	9834	5184	KW
19.	Total DG Set proposed	07 Nos. of DG sets of total capacity 10000 kVA (6× 1500 + 1x1000 kVA	04 Nos. of DG sets of total capacity 6500 kVA (3× 2000 + 1x500 kVA	KVA
20.	Municipal Solid Waste Generation	1395	4190	Kg/Day
21.	Total Population	9300	26,188	Nos

4. Salient features of the project:

S. No	Description	Proposed	Unit
1.	Total plot area	18898	SQMTR
2.	Permissible Ground Coverage	9449	SQMTR
3.	Proposed Ground Coverage	9440.60	SQMTR
4.	Green/Landscape Area	4745.59 (100 nos. of tree proposed to be planted)	SQMTR
5.	Proposed FAR	78605.84	SQMTR
6.	NON FAR	41957.58	SQMTR
7.	Total Built-up Area	1,24,262.13	SQMTR
8.	Total Water Requirement	639	KLD
9.	Fresh Water Requirement	141	KLD
10.	Waste Water Generation	443	KLD
11.	Proposed STP Capacity	530	KLD
12.	Treated Water Available for Reuse	359	KLD
13.	No. of Rain Water Harvesting storage Tanks	4	No.
14.	Total Parking Proposed	1643	ECS
15.	Total Power Requirement	5184	KW
16.	Total DG Set proposed	04 Nos. of DG sets of total capacity 6500 kVA (3× 2000 + 1x500 kVA	KVA
17.	Municipal Solid Waste Generation	4190	Kg/DAY

18.	Total Population	26,188	Nos
19.	Project Cost	Approx 250	Crores

5. Water calculation details:

S. No.	Description	Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)
A.	DOMESTIC WATER			
	Commercial	2619	@ 45	117.85
	Staff	23569	@ 15	353.53
	Visitor			
TOTAL DOMESTIC WATER DEMAND				471.38 KLD say KLD 471
B.	HORTICULTURE	4800 m <sup>2</sup>	6 lt/sqm/day	28.8
C	HVAC COOLING (12 Hours)	1653 TR	7/lt/TR/Hr	139
GRAND TOTAL				638.8 KLD say 639

6. Waste water details:

Domestic Water Requirement	471 KLD
Total Fresh Water Requirement (@ 30 % of domestic)	141 KLD
Flushing (@ 70 % of domestic)	330 KLD
Wastewater Generated (@ 80% fresh water + 100% flushing)	113+330=443 KLD
STP Capacity	530 KLD

7. Solid waste details:

S. No.	Description	Occupancy	kg per capita per day	Waste generated (kg/day)
a.	Commercial	2619	@ 0.25 kg/day	654.75
	Staff (@10%)	23569	@ 0.15 kg/day	3535.35
	Visitor (@90%)			
b.	HORTICULTURE	1.18 Acre	0.2kg/acres/day	0.236
GRAND TOTAL				4190.33 kg/day say 4190 kg/day

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

The consultant (EIA Coordinator) also submitted an affidavit dated 08/09/2022 mentioning is as follows:

1. I, Tarun Saharan, S/o Shri Ranveer Saharan is EIA Coordinator of Ambiantal Global Pvt. Ltd.
2. I have prepared EIA/EMP report for the (File No. 7167, Proposal no. SIA/UP/MIS/276369/2022, Name Revision and Modification of Commercial Project "Saya Status" at Commercial Plot No. C3-A, Sector-129, Noida, District-Gautam Budh Nagar, U.P., M/s Alisa Infratech Pvt. Ltd. with my team.
3. **I have personally visited the site of proposal and certify that construction activity has been undertaken on the project site & 8% construction has been done till date as per earlier approved EC letter dated 12/10/2013 for the present proposal.**
4. I have satisfied with that all the necessary data/information required for EIA/EMP presentation are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy/presentation submitted.
7. The EIA/EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO-09**

**The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:**

**Additional Conditions:**

1. Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent shall comply the use of fuel for backup power as per guidelines by “Commission of Air Quality Management in NCR”, directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon’ble Court(s)/Competent authorities from time to time.
5. The proponent should provide the electric vehicle charging points and also allocate the safe and suitable place in the premises for the same.
6. Project Proponent should adopt 01 village & develop them as model village.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  3. 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.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  5. 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.
  6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
  7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
  8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
  9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
  10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
6. Wet jet shall be provided for grinding and stone cutting.
7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.

10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
  1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.

3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
  8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted).



Area for green belt development shall be provided as per the details provided in the project document.

4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
  1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
  1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. 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. The housing may be in the form of temporary structures to be removed after the completion of the project.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
  1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority.

The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

**11. Miscellaneous:**

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**10. Building Stone (Khand, Boulder, Bailast (Gitti)) Mining at Gata No.- 455 (Khand No.-01), Village- Pachobai, Tehsil- Moth, District- Jhansi, U.P. Area-0.809 ha., File No. 6886/Proposal No. SIA/UP/MIN/284409/2022**

The project proponent/consultant appeared before SEAC and informed that the environmental clearance for the above project proposal has already been granted by SEIAA, U.P. vide EC identification no. EC22B001UP141384, dated 19/07/2022. The project proponent informed that due to typographical error in environmental clearance letter dated 19/07/2022 the title of the project wrongly mentioned as “Building stone (Khand, Boulder, Bailast (Gitti)) Mining at Gata no. 791 Kha, Khand no. 2, Village-Paswara, Tehsil-Sadar, District-Mahoba, U.P. (Leased Area : 4.00 ha)” instead of “Building Stone (Khand, Boulder, Bailast (Gitti)) Mining at Gata No.- 455 (Khand No.-01), Village- Pachobai, Tehsil- Moth, District- Jhansi, U.P., (Leased Area-0.809 ha.)”. The project proponent/consultant submitted an amendment application through online Parivesh Portal on 21/07/2022 and requested to issue amendment letter regarding title of the project.

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis. The project proponent requested the committee to amend the environmental clearance letter dated 19/07/2022 as per details given below:

<b>Project location mentioned in EC</b>	<b>Proposed amendment in EC</b>
“Building stone (Khand, Boulder, Bailast (Gitti)) Mining at Gata no. 791 Kha, Khand no. 2, Village-Paswara, Tehsil-Sadar, District-Mahoba, U.P. (Leased Area : 4.00 ha)”	“Building Stone (Khand, Boulder, Bailast (Gitti)) Mining at Gata No.- 455 (Khand No.-01), Village- Pachobai, Tehsil- Moth, District- Jhansi, U.P., (Leased Area-0.809 ha.)”.

**RESOLUTION AGAINST AGENDA NO-10**

The committee discussed the matter and recommended to amend the environmental clearance letter identification no. EC22B001UP141384, dated 19/07/2022 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance no. EC22B001UP141384, dated 19/07/2022 shall remain the same.

**11. Residential Group Housing Development at Plot No.-GH-01/A(Alpha), Sector-107, Noida, District- Gautam Budh Nagar, M/s Mahagun Infratech Pvt. Ltd., File No. 6639/Proposal No. SIA/UP/MIS/284211/2022**

**RESOLUTION AGAINST AGENDA NO-11**

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

**12. Amendment in Integrated Township “Mantora Golf Green City” from 137.0 acres to 66.68 acres land at village –Singhpur Kachhar, Hindpur & Sambharpur Tehsil and District- Kanpur Nagar, M/s Assam Entrade limited., File No. 1494/Proposal No. SIA/UP/MIS/282457/2022**

The project proponent/consultant appeared before SEAC and informed that the environmental clearance for the above project proposal has already been granted by SEIAA, U.P. vide letter no. 1765/Parya/SEAC/1494/2013/DDY, dated 11/10/2013 for the plot area 554419.33 sqm (137 acres) and built up area 8,96,203.5 sqm for the development of integrated township.

The project proponent informed that committee that due to the change in State Govt policy for integrated township (*the Integrated township policy – 2014 by the Uttar Pradesh Shasanadesh no: 2711/8-1-25-34vividh/03 dated 21.5.2005*), M/s Assam Entrade limited has not acquired the land, therefore construction of the project could not started at project site till date. Only Boundary wall and road development has been done at the site. Kanpur Development Authority (KDA) vide letter no. **डी/684/उपा/न नि/का वि प्रा/२०२१** dated 18/03/2021 issued the amended license for the development of Integrated Township on 66.68 acres of land instead of 137.0 acres. Afterwards, the Development Authority approved the DPR for the project. Hence, the project proponent/consultant submitted an amendment application through online Parivesh Portal on 25/07/2022 (SIA/UP/MIS/282457/2022) and requested to issue the amendment letter regarding the project.

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment & Development. The project proponent requested the committee to amend the environmental clearance letter dated 11/10/2013 as per details given below:

**1. Land area details:**

S.No.	Particulars	Configuration as per previous EC (sq.m.)	Proposed configuration (sq.m.)	Final configuration After modification
1	Total Land area	554419.33 (137 acres)	269912.0 (66.68 acres)	269912.0 (66.68 acres)
2	Built-up area	896203.5	499361.15	499361.15

**2. Land use details:**

S.No.	Particulars	Details as per previous EC (sq.m.)	Proposed Details (sq.m.)	Final configuration After modification (sq. m.)
1	Residential plotted development	95721.99	43216.86	43216.86
2	Residential Group housing	169227.66	59325.00	59325.00
3	Land reserved for LIG & EWS	18607.77	6945.00	6945.00
4	Sector Shopping	43575.54	26460.62	26460.62
5	Green areas	62470.81	40459.00	40459.00
6	Industrial (Non Polluting)	62090.30	41368.0	41368.0
7	Residential cum commercial	-	4540	4540
8	Area under road	59870.44	47507.53	47507.53
Total		511564.51	269912.00	269912.00

**3. Comparative details:**

S.No.	Particulars	Configuration as per previous EC	Proposed configuration	Final Configuration After modification
1	Total water requirement	2720KLD	1673 KLD	1673 KLD
2	Fresh water requirement	1765 KLD	1093 KLD	1093 KLD

3	Total waste water generation	2000 KLD	1335KLD	1335KLD
4	Capacity of STP	3000 KLD	1480 KLD	1480 KLD
5	Treated water	1600 KLD	1031KLD	1031KLD
6	Solid waste generation rate	14.3 TPD	8.0 TPD	8.0 TPD
7	DG sets	4x500nos (kVA)	3x500nos (kVA)	3x500nos (kVA)

4. Built-up area details after modification:

Sl. No.	Use	Perm. FAR	FAR sq.m	Approx. BUA
1	Residential Plotted	2	86,433.71	99,399
2	Residential Group Housing	2.5	148,312.50	185,391
3	Land Reserved For LIG & EWS	2.5	17,362.50	21,703
4	Sector Shopping	2.5	66,151.55	82,689
5	Green Areas			
6	Industrial/Public Public/Entertainment	Semi 2	82,736.00	99,283
7	Residential Cum Commercial	2	9,080.00	10,896
8	Area Under Road			
Net Scheme Area				499361.15

5. Population details:

Particulars	No of Units	Unit Population	Populations (persons)
Residential Plotted	566	5	2830
Residential GH units	1592	5	7958
LIG and EWS units	432	5	2160
Commercial Area	529	5	2646
Public/Semi public	827	5	4137
Residential cum commercial	91	5	454
Total			20186

6. Water requirement details:

S.No.	Description	Population/area		FrW		FIW	TW	Flow to sewer		Total waste water
		Nos.	LPCD	KL D	LPC D	KL D	KL D	Domestic 80%	Flushing 95%	KLD
1	Residential plotted	2830	90	255	45	127	382	204	121	325
2	Residential GH units	7958	65	517	21	167	684	414	159	573
3	LIG and EWS units	2160	65	140	21	45	186	112	43	155
4	Commercial area	2646	25	66	20	53	119	53	50	103
5	Public/Semi public	4137	25	103	20	83	186	83	79	161
6	Residential cum commercial	454	25	11	20	9	20	9	9	18
B	Landscape development	40549	2				81			
C	DG set cooling	500*4 kVA	0.9l/kVA/hr				14			
TOTAL				1093		485	1673	875	460	1335

7. Solid waste generation details:

S.No.	Category	Waste Generation rate	Population	Waste Generated
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		(kg/day )		(kg/day )
A	Residential Population			
1	Residential plotted	0.5	2830	1415
2	Residential GH units	0.5	7958	3979
3	LIG and EWS units	0.5	2160	1080
4	Commercial area	0.2	2646	529.2
5	Public/Semi public	0.2	4137	827.4
6	Residential cum commercial	0.2	454	90.8
B	Landscape development	0.0037kg/sqm/day	40549	150
Total solid waste generated				8071~ 8.0 tons per day
C	E-Waste (0.15 kg/C/Yr) + obsolete machinery			8.3

### **RESOLUTION AGAINST AGENDA NO-12**

**The committee discussed the matter and recommended to amend the environmental clearance letter no. 1765/Parya/SEAC/1494/2013/DDY, dated 11/10/2013 for the above project details. Rest all the other contents mentioned in Environmental Clearance letter no. 1765/Parya/SEAC/1494/2013/DDY, dated 11/10/2013 shall remain the same. The committee also stipulated following additional conditions:**

#### **Additional Conditions:**

1. The environment clearance/amendment will be valid for the period of 10/10/2023.
2. Since this is Township and Area Development project in which area for different purposes has been allotted, separate Environmental Clearance shall be taken for Group housing & commercial development including health centre etc. having built-up area more than 20,000 sqm as per the provision of EIA Notification 2006 (as amended).
3. The project proponent developed the integrated township as per the layout plan approved by development authority.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
7. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
8. 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.
9. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
10. 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.
11. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
12. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

13. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
14. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
15. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

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

**(Umesh Chandra Sharma)**  
**Member**

**(Dr. Ajai Mishra)**  
**Member**

**(Ashish Tiwari)**  
**Member-Secretary, SEAC-1**

**(Dr. Ratan Kar)**  
**Vice-Chairman**

**Nodal, SEAC-1**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-1 during the meeting.

**Annexure-1**

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

**A. General Conditions:**

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



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

**B. Specific Conditions:**

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

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

25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work-related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (April/May), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be

- covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
  39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
  40. Project Proponent shall explore the possibility of using solar energy where ever possible.
  41. Commitment towards CER has to be followed strictly.
  42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
  43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
  44. The blasting will be done only after getting permission from the Mining Department.

**Annexure-2**

**General and Specific Conditions for Soil Earth Mining Projects:-**

**General condition:**

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. 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.

**Specific Conditions:**

1. The Environmental clearance will be co-terminus with the agreement/mining plan whichever is less.
2. Environment management should be in accordance with the present environment status of the project.
3. Approach kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be leveled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.
16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution

- Check Certificate and should conform to applicable air and noise emission standards.
20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
  21. Solid waste material viz gutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
  22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
  23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
  24. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
  25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
  26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
  27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
  28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
  29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
  30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
  31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
  32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
  33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
  34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.