

Minutes of 707th SEAC-1 Meeting Dated 30/11/2022

The 707th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 30/11/2022. Following members participated in the meeting:

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

The Chairman welcomed the members to the 707th 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-2.

1. Khanda, Boulders (Dolostone) Mining Project At Araj No.- 5472KH, 5473, 5474, 5475 & 5476 Village BilliMarkundi, Tehsil- Obra, District Sonbhadra, Smt. Geetanjali Chaubey, Area 1.632 Ha.,7330/6922/ Proposal No. SIA/UP/MIN/405597/2022

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 Environmental Research and Analysis, Lucknow (U.P). 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 Khanda, Boulders (Dolostone) Mining Project At Araj No. 5472KH, 5473, 5474, 5475 & 5476 Village- Billi Markundi, Tehsil- Obra, District Sonbhadra,U.P., (Leased Area 1.632 Ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 50/Parya/SEIAA/6922/2022 on Dated 06/05/ 2022.
3. The Public Hearing was organized on 22/08/2022. Final EIA Report was submitted by the Project Proponent on 07/11/2022.

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

1. On-line proposal No.	SIA/UP/MIN/405597/2022		
2. File No. allotted by SEIAA, U.P	7330/6922		
3. Name of Proponent	M/S SHESHNATH ENTERPRISES Partner – Smt. Geetanjali Chaubey W/o Shri Sanjeet Kumar Chaubey		
4. Full correspondence address of proponent and mobile no.	R/o- Shusheela Nivas, Near Degree College, Billi Markundi, Obra District- Sonbhadra (U.P.)		
5. Name of Project	Khanda, Boulder (Dolostone) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No.- 5472KH, 5473, 5474, 5475 & 5476		
7. Name of River	Son River		
8. Name of Village	Billi Markundi		
9. Tehsil	Obra		
10. District	Sonbhadra (U.P.)		
11. Name of Minor Mineral	Khanda, Boulder (Dolostone) Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.632 Ha.		
13. Mineable Area (in Ha.)	1.58 (Safety Margin 0.052 Ha)		
14. Max. & Min mrl within lease area	Maximum & Minimum mRL 198 mRL & 195 mRL respectively		
15. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude

	Name		
	A	24°28'53.33"N	83° 0'16.93"E
	B	24°28'52.02"N	83° 0'17.72"E
	C	24°28'51.42"N	83° 0'18.83"E
	D	24°28'51.05"N	83° 0'18.67"E
	E	24°28'50.45"N	83° 0'18.25"E
	F	24°28'48.71"N	83° 0'17.24"E
	G	24°28'50.47"N	83° 0'13.20"E
	H	24°28'51.92"N	83° 0'13.59"E
	I	24°28'52.94"N	83° 0'14.51"E
16. Total Geological Reserves	4,24,240 m ³		
17. Sanction Quantity as per LOI	52,224 m ³ per year		
18. Total Proposed Production (in five year)	2,61,120 m ³ in five years		
19. Proposed Production/year	52,224 m ³ per year		
20. Overburden of soil(cum)	73,440 m ³ in 1 st year, it will be removed before mining		
21. Sanctioned Period of Mine lease	10 Years		
22. Total quantity issued for lease period of 10 years as per LOI	5,22,240 m ³ for lease period of 10 years		
23. Method of Mining	Open cast, semi-mechanized		
24. No. of working days	250		
25. Working hours/day	8 hours/day		
26. No. Of workers	25		
27. No. Of vehicles movement/day	16-17 Vehicles movement/day		
28. Type of Land	Private Land		
29. Ultimate Depth of Mining	30.0 m for five years		
30. Nearest metalled road from site	SH-76 about 2.45 km towards East direction from the project site.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.35 KLD	
	Suppression of dust	1.89 KLD	
	Plantation	2.0 KLD	
	Others (if any)	-	
	Total	4.24 KLD (4.2 KLD Approx.)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 and valid upto Dec 30, 2022		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No.- 4922/ Khanij /2022 Date-18/01/2022		
35. Details of Lease Area in approved DSR	Corrigendum letter :278/Khanij/2020-21 dated 25/01/2021 Annexure -01 SL.No:06		
36. Proposed EMP cost	Rs 12,34,220/		
37. Proposed Total Project cost	Rs. 97,00,000/-		
38. Length and breadth of Haul Road	210 m length and 6.0 m width		
39. No. of Trees to be Planted	2000		

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 28/11/2022 mentioning is as follows:

1. I, Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200, valid till- 30/12/2022.
2. I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/405597/2022, M/S Sheshnath Enterprises, Partner – Smt. Geetanjali Chaubey W/o Shri Sanjeet Kumar Chaubey, R/o – Shusheela nivas, near Degree College, Billi Markundi, Obra, District- Sonbhadra (U.P.) of “Khanda, Boulders (Dolostone) Mining Project” located at Araj No. 5472KH, 5473, 5474, 5475 & 5476 Area- 1.632 ha. in Village- Billi Markundi, Tehsil- Obra, District- Sonbhadra, Uttar Pradesh 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 have satisfied with that all the necessary data/information required for EIA/EMP presentations 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 will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation 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 EIA/EMP report 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.
 12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 13. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
 14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department

2. IT/ITES Office Building At Plot No.- 17, Sector-127, Noida, Shri Rajeev Sharma, M/s Vaishali Financial Services Pvt. Ltd., File No.7331/ Proposal No. SIA/UP/INFRA2/405633/2022

RESOLUTION AGAINST AGENDA NO. 02

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

3. Group Housing Project “R. G. Luxury Homes” at Plot No.-GH-07 A, Sector-16B, Greater Noida, District-Gautam Budha Nagar, U.P. M/s Rajesh Projects (India) Private Limited, Shri Deepak Gupta. File No.7333/4622/ Proposal No. SIA/UP/INFRA2/405887/2022

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. 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 Expansion of Group Housing Project “R. G. Luxury Homes” at Plot No.-GH-07 A, Sector-16B, Greater Noida, District-Gautam Budha Nagar, U.P. M/s Rajesh Projects (India) Private Limited.
2. Environment clearance for the existing project was issued by SEIAA, UP vide letter no. 2669/776/Parya/SEAC/2011/AA(S), dated 31/12/2012 and expansion project vide letter no. 15/Parya/SEAC/2540/2015/AD(H) dated 13/04/2016.
3. Certified Compliance Report for the existing environmental clearance was issued by IRO, MoEF&CC, Lucknow vide letter dated 05/08/2022.
4. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 17/Parya/SEAC/4622/2018 dated 03/05/2019.
5. Total Plot Area for the entire project is 74,731.24 m² and Built-up Area is 4,35,238.151 m² respectively.
6. Maximum no of floors is 2 Basements + Stilt / PO + 29 Floors.
7. Comparative details of existing and expansion project:

SN	Description	As per EC letter dated 31.12.2012	As per Revised EC letter dated 13.04.2016	Total including Revised	Unit

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				Proposal	
1	Plot Area	74731.24 SQM	74731.24 SQM	74731.24	SQM
2	Proposed Built Up Area	295590.3 SQM	416568.240 SQM	435238.151	SQM
3	Total no of DU's	1904 NOS.	2640 NOS.	2812	NOS.
4	Height of Tallest tower J (Up to terrace)	84 M	93.45 M	88.2	M
5	No of Floors	B+ST+24 NOS.	B+S/Po+30 NOS.	2B+ST/PO+29	NOS.
6	Expected Population	10585 PERSON	15189 PERSON	15567	PERSON
7	Fresh water requirement	585 KLD	824 KLD	855	KLD
8	Waste water Generation	719 KLD	932.7 KLD	962	KLD
9	STP Capacity	860 KLD	525 KLD	1155	KLD
10	Treated Water Available for Reuse/Used	316 KLD	746.24 KLD	866	KLD
11	Surplus treated water	258 KLD	310.98 KLD	-	KLD
12	Proposed Quantity of Rain Water to be Harvested	-	32172.03 CUM	10789.46	CUM
13	No of RWH of Pits Proposed	17 NOS.	17 NOS.	17	NOS.
14	Parking proposed	3500 ECS	3340 ECS	3316	ECS
15	Green Area + Open Area	44049 SQM	56171.760 SQM	29978.69	SQM
16	DG set backup	4500 (6X750) KVA	6040 (4X1010+4X500) KVA	6497 KVA	KVA

8. Land use details:

Sl. No.	Particulars	Area in Sq. m	Percentage
1	Residential	12567.107	16.82
2	Commercial	3553.504	4.76
3	Surface Parking	800	1.07
4	Green Area	29978.694	40.12
5	Road and Other open Area	27831.935	37.24
6	Total Plot Area	74731.24	

9. Population details:

RESIDENTIAL	DU'S/Area	POP/DU	TOTAL
SALEABLE DU'S	2812	@4.5	12654
TOTAL			12654
NON RESIDENTIAL			
COMMUNITY HALL	1977.76		40
SHOPPING	2610.61		261
FACILITY MANAGEMENT STAFF	LS		105
TOTAL			406
GRAND TOTAL (RES & NON RES)			13060
VISITORS			2507
TOTAL POPULATION			15567

10. Water calculation details:

SN	Particulars	Water Demand (KLD)
1	Total Water Demand	1171
2	Fresh Water Requirement	855
3	Total Waste water Generation	962
4	Total treated water available	866
5	Treated water Recycled	316
	Flushing	286
	Gardening	30
7	STP Proposed	1155
Head	Source	Quantity

Fresh Water Requirement	Fresh water will be source from GNIDA water supply department.	855 kld
Treated Water Requirement	Treated water will be from the on-site STP	316 kld
Total		1171 kld

11. Parking details:

S.No.	Particulars	Numbers (ECS)
1.	Proposed Total Parking	3316
2.	Parking in Basements	2486

12. Solid waste details:

Waste Category	Quantity	Unit
Total Waste Generation	6.66	TPD
Organic Waste Generation	4.04	TPD
E- Waste Generation	43.34	KG/Day
Sludge Generation	651	KG/Day
Hazardous Waste Generation (DG Waste Oil)	9.95	Lts/day

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

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2022 mentioning is as follows:

1. I, Soumya Dwivedi, S/o J.P. Dwivedi is EIA Coordinator of Ind Tech House Consult.
2. I have prepared EIA/EMP report for the proposal no. (SIA/UP/INFRA2/405887/2022) Expansion of Group Housing Project “R. G. Luxury Homes” at Plot No.-GH-07 A, Sector-16B, Greater Noida, District-Gautam Budha Nagar, U.P. M/s Rajesh Projects (India) Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken in the expansion part as on 06/08/2022.
4. I am satisfied with that all the necessary data/information submitted along with Application/EIA/EMP presentations 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 is submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

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. 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.
2. 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.

3. 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.
4. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
5. 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.
6. The project proponent should develop 03 tier plantations to all around the boundary of project.
7. Project Proponent should adopt 03 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 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 25th 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. Residential Group Housing Project "Uninav Utopia" Khasra No.- 112, Raj Nagar Extension, Ghaziabad, Uninav Developers Private Limited, Shri Sachin Kumar. File No.7336/ Proposal No. SIA/UP/INFRA2/406113/20227337

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 Cognizance Research India 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 Residential Group Housing Project "Uninav Utopia" Khasra No.- 112, Village-Morti, Raj Nagar Extension, District-Ghaziabad, U.P., M/s Uninav Developers Private Limited.
2. Total Plot area of the project is 12,570 m² and built up area is 35,441.68 m² & G+4
3. Salient features of the project:

1.	Particulars	Unit
2.	Total Plot Area	12570.00 m ²

3.	Area for Road Widening	15.90 m ²
4.	Net Plot area	12554.10 m ²
5.	Permissible Ground Coverage (@ 40% of TPA)	5021.64 m ²
6.	Proposed Ground Coverage (@ 39.99% of TPA)	5021.50 m ²
7.	Permissible FAR (@ 2.5 of TPA)	31385.25 m ²
8.	Total Permissible Commercial area (@ 1% of FAR)	
9.	Proposed FAR (@1.93 of TPA)	24207.67 m ²
10.	Proposed FAR of Residential Towers	23084.34 m ²
11.	Proposed FAR of Commercial area	134.90 m ²
12.	Proposed FAR of Community area	988.43 m ²
13.	Total Basement Area	8529.00 m ²
14.	Non FAR area (Fire stair , Mumty , Machine room , Kiosk, Guard room etc	2705.01 m ²
15.	Total Landscape Area	1255.42 m ²
16.	Total Built-up Area (FAR + NON FAR)	35441.68 m²
17.	Estimated Population	1023 Nos. (814 Residents, 80 Staff , 125 Community & Floating Population, Commercial Area: 4 Staff)
18.	Estimated Water Requirement Construction Phase Operation Phase	300 ML (Source: Private Water Tanker) 119 KLD (Source: Municipal Supply)
19.	Estimated Wastewater Generation	101 KLD
20.	Power Demand Power Back-up	770 kVA 445 kVA (i.e. 1 x 320 & 1 x 125 kVA)
21.	Source of Power	Uttar Pradesh Power Corporation Limited (UPCL).
22.	Solid Waste Generation	451 kg/day
23.	Parking Facilities Required Proposed	As per GDA Bye Laws : 229 ECS 231 ECS (216 Basement + 16 Open) 20 Scooters (Basement)
24.	Rain water harvesting pits	03
25.	Project Cost	Rs. 96 Crores

4. Population details:

S. No.	Unit Type	DU	Area (m ²)	PPU	Total Population
1.	Residential				
	Apartments (3/4 BHK)	150		5	750
	One Room Unit	16		4	64
2.	Floating Population/Visitors (@ 10% of Apartment/Permanent Population)				80
3.	Staff (@ 10% of Apartment/ Permanent Population)				80
4.	Commercial/Shopping (4 Shops) Staff				4
5.	Community Population Staff				45
Grand Total (1+2+3+4+5)					1023

5. Water Requirement details:

S. No.	Description	Area (in m ²)	Total Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)
A.	Domestic Water				
1.	Apartments		814	135	109.89
2.	Floating Population/Visitors@10% of Permanent population		80	15	1.20
3.	Staff @10% of Permanent population		80	45	3.60
4.	Commercial/ Shopping Staff		4	45	0.18

5.	Community Staff		45	45	2.025
Sub Total (1+2+3+4)					116.89 or say 117 KLD
Total Domestic water (A)					117 KLD
B.	Horticulture and Landscape development	1255.42		1 l/sqm	1.255 or say 2 KLD
Grand Total (A+B) = 119KLD					

6. Solid Waste details:

S. No.	Category	kg per capita per day	Waste generated (kg/day)
1.	Residents	814@ 0.5 kg/day	407.00
2.	Staff	80@ 0.25 kg/day	20.00
3.	Commercial/shopping Staff	4 @ 0.25 kg/day	1.00
4.	Community Staff	45 @ 0.25 kg/day	11.25
3.	Floating population/Visitors	80@ 0.15 kg/day	12.00
4.	Landscape waste	0.31acre @ 0.2 kg/acre/day	0.062
TOTAL SOLID WASTE GENERATED			451.31 or 451kg/day

7. Parking details:

S.No	Particular	Area proposed for Parking	Area required /ECS Sq. Mt.	Calculation	ECS
1.	Basement	8529.00	32	8529.00/32	266
Total Parking Proposed				Basement Parking for Cars	216
				Open Parking for Cars	15
				Basement Parking for Scooter	20

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/07/2022 mentioning is as follows:

1. I, Ankur Sharma, S/o Shri Lalit Mohan Sharma is D/o Sanjay Jagtap is EIA Coordinator of M/s Cognizance Research India Pvt. Ltd.
2. I have prepared EIA/EMP report for the proposal no. SIA/UP/INFRA2/2022 of project Residential Group Housing Project "Uninav Utopia" Khasra No.- 112, Vilage-Morti, Raj Nagar Extension, District-Ghaziabad, U.P., M/s Uninav Developers Private Limited 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.
4. I have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that project was submitted earlier vide no. 7242, but due to few changes in drawings we had request for withdrawn and we have apply again on Parivesh Portal.
6. The EMP 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. 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.
2. 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.
3. 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.
4. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
5. 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.
6. The project proponent should develop 03 tier plantations to all around the boundary of project.
7. 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, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murram, 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.
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 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.
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 - 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.
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 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.
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 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. "Building Stone (Khanda-Boulder/Gitti-Ballast)" Mine at Gata/Arazi No-1342/3, Village-Gugarwara, Tehsil- Mahroni, District- Lalitpur, Smt. SeemaYadav, Area – 2.023 ha., File No.7337/Proposal No. SIA/UP/MIN/404125/2022**

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 AWS Envirotech (OPC) 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 “Khanda-Boulder/Gitti-Ballast” Mine at Gata/Arazi No. 1342/3, Village- Gugarwara, Tehsil- Mahroni, District- Lalitpur, Uttar Pradesh, (Leased Area- 2.023 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/404125/2022																	
2.	File No. allotted by SEIAA, UP	7337																	
3.	Name of Proponent	Smt. SeemaYadavW/o ShriRajendra Singh																	
4.	Full correspondence address of proponent and E-mail Id	R/o 86, Civil Line, District- Lalitpur, U.P. E-mail Id- seemayadav5418@gmail.com																	
5.	Name of Project	“khanda-boulder/gitti-ballast” Mine at Gata/Arazi No-1342/3, Village- Gugarwara, Tehsil- Mahroni & District- Lalitpur, Uttar Pradesh, Area- 2.023 ha. developedby Smt. Seema Yadav																	
6.	Project Location (Plot.Khasra/Gata No.)	Gata/Arazi No-1342/3, Village- Gugarwara,Tehsil- Mahroni & District- Lalitpur, Uttar Pradesh																	
7.	Name of River	NA																	
8.	Name of Village	Gugarwara																	
9.	Tehsil	Mahroni																	
10.	District	Lalitpur																	
11.	Name of Minor Mineral	Khanda-boulder/gitti-ballast																	
12.	Sanctioned Lease Area (in Ha.)	2.023ha.																	
13.	Max. & Min mRL within lease area	Highest mRL is 347.9 & Lowest is 337.8 mRL																	
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area <table><tr><td>Pillar</td><td>N</td><td>E</td></tr><tr><td>A</td><td>24°45'19.78"N</td><td>78°36'52.87"E</td></tr><tr><td>B</td><td>24°45'20.34"N</td><td>78°36'58.20"E</td></tr><tr><td>C</td><td>24°45'16.13"N</td><td>78°36'59.47"E</td></tr><tr><td>D</td><td>24°45'15.45"N</td><td>78°36'54.00"E</td></tr></table>			Pillar	N	E	A	24°45'19.78"N	78°36'52.87"E	B	24°45'20.34"N	78°36'58.20"E	C	24°45'16.13"N	78°36'59.47"E	D	24°45'15.45"N	78°36'54.00"E
Pillar	N	E																	
A	24°45'19.78"N	78°36'52.87"E																	
B	24°45'20.34"N	78°36'58.20"E																	
C	24°45'16.13"N	78°36'59.47"E																	
D	24°45'15.45"N	78°36'54.00"E																	
15.	Total Geological Reserves	679170 m ³																	
16.	Total Mineable Reserve (as per Approved Mine Plan)	366516m ³																	
17.	Total Proposed Production per annum	60690m ³ (per annum)																	
18.	Proposed Production/year	60690m ³ per annum																	
19.	Sanctioned Period of Mine lease	10 years																	
20.	Method of Mining	Opencast, Semi-Mechanized																	
21.	No. of working days	300																	
22.	Working hours/day	8																	
23.	No. of worker	52																	
24.	Type of Land	Govt. Land																	
25.	Ultimate of Depth of Mining	Upto 320 mRL																	
26.	Nearest metalled road from site	220 m																	
27.	Water Requirement	PURPOSE		REQUIREMENT (KLD)															
		Drinking		0.52 KLD															
		Suppression of dust		0.96KLD															
		Plantation		1.00 KLD															
		Others (if any)		-															
		Total		2.48 KLD															
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025																	
29.	Any litigation pending against the project or land in any court	No																	
30.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 461/30-mines/2022-23																	
31.	Details of Lease Area in approved DSR	2.023ha.																	
32.	Proposed CER cost	Rs. 2.16 Lakhs																	

33.	Proposed EMP cost	Total project cost- Rs. 1.08 Crores, For EMP Capital cost-4.6 Lakhs, Recurring cost-2.825 Lakhs/Annum
34.	Distance of Haul Road	220 m
35.	No. of Trees to be Planted	500

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 12/11/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the EC application report for the “Khanda-Boulder/Gitti-Ballast” Mine at Gata/Arazi No. 1342/3, Village- Gugarwara, Tehsil- Mahroni, District- Lalitpur, Uttar Pradesh, (Leased Area- 2.023 ha.) 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 EC 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 EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-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.
12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
13. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department

6. Soil Mining Project at Khasra No.- 42, 22, 72, 186, 190, 120, Village – Dhirad, Tehsil – Tilhar, District– Shahjahanpur, M/s Baghnath Construction Company, File No.7341/ Proposal No. SIA/UP/MIN/405883/2022

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 at Khasra No.- 42, 22, 72, 186, 190, 120, Village – Dhirad, Tehsil – Tilhar, District– Shahjahanpur, U.P., (Leased Area: 2.074 ha), M/s Baghnath Construction Company.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/405883/2022		
2. File No .allotted by SEIAA,UP	7341		
3. Name of Proponent	M/S Baghnath Construction Company Prop. Shantanu		
4. Registered Address	Near Nirankari Bhavan, Reti Road, District- Shahjahanpur, U.P		
5. Full correspondence address of proponent and mobile no.	M/S Baghnath Construction Company Near Nirankari Bhavan, Reti Road, District- Shahjahanpur, U.P		
	baghnathconst@gmail.com		
6. Name of Project	Baghnath Soil Mining Project		
7. Project location (Plot/ Khasra /Gata No.)	Khasra No- 42, 22, 72, 186, 190, 120		
8. Name of Village	Dhirad,		
9. Tehsil	Tilhar		
10.District	Shahjahanpur		
11. Name of Minor Mineral	Ordinary soil		
12. Total Area (in Ha.)	2.074 ha		
13. Mineable Area (in Ha.)	1.9703 ha		
14.Pillar Coordinates(Verified by OMO)		Latitude	Longitude

	42		
	A	28° 8'35.43"N	79°52'7.45"E
	B	28° 8'35.92"N	79°52'12.23"E
	C	28° 8'33.73"N	79°52'10.83"E
	D	28° 8'35.08"N	79°52'7.25"E
	22		
	A	28° 8'34.61"N	79°52'24.20"E
	B	28° 8'34.61"N	79°52'25.07"E
	C	28° 8'31.25"N	79°52'24.33"E
	D	28° 8'31.28"N	79°52'23.44"E
	72		
	A	28° 8'31.11"N	79°52'21.78"E
	B	28° 8'30.88"N	79°52'22.37"E
	C	28° 8'30.86"N	79°52'24.91"E
	D	28° 8'28.63"N	79°52'23.53"E
	E	28° 8'29.58"N	79°52'20.72"E
	186		
	A	28° 8'44.89"N	79°52'45.12"E
	B	28° 8'45.29"N	79°52'45.57"E
	C	28° 8'43.94"N	79°52'47.67"E
	D	28° 8'43.46"N	79°52'47.29"E
	190		
	A	28° 8'49.97"N	79°52'49.35"E
	B	28° 8'50.57"N	79°52'49.72"E
	C	28° 8'50.47"N	79°52'50.54"E
	D	28° 8'50.21"N	79°52'51.35"E
	E	28° 8'50.08"N	79°52'51.24"E
	F	28° 8'48.15"N	79°52'54.82"E
	G	28° 8'47.24"N	79°52'54.20"E
	120		
	A	28° 8'37.54"N	79°52'39.55"E
	B	28° 8'38.76"N	79°52'40.54"E
	C	28° 8'38.07"N	79°52'41.90"E
	D	28° 8'36.80"N	79°52'40.92"E
15. Period of agreement between Project proponent & Land Owner	6 months		
16. Mine Plan approval details	Letter No. 1682/ khaman anubhag/ 2022 dated 04-11-2022		
17. Validity of Mine Plan	6 months		
18.Total Proposed Production (six months)	72,505 tons /45316 cum		
19. Proposed Production/year	The project is only for 6 months		
20.Method of Mining	Opencast Semi-Mechanized		
21.No.Of workers	30		
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	2.4	
	Plantation	1.1	
	Others(if any)	----	
	Total	4.0	
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	No		

or land in any court		
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. 1683 dated 04-11-2022	
30. Proposed CER cost	0.40 Lakh	
31. Proposed EMP cost	1.0 Lakh	
32. No. of Trees to be Planted	550	
33. Detail of CTE issued by UPPCB (for brick kiln project)	NA	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 10/11/2022 mentioning is as follows:

1. I, Muzaffar Ahmad S/o Shri Iqbal Ahmad is EIA Coordinator of Rian Enviro Pvt. Ltd.
2. I have prepared EIA/EMP for the proposal in the name of Baghnath 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 are true and correct.
5. I certify that this project proposal has been uploaded for the first time 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. The EIA report for the Proposal is prepared by my team as per guideline 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. Bhedpur Soil Mining Project at Khasra No.- 155, Village – Bhedpur, Tehsil – Sadar, District– Shahjahanpur, M/s Shree Shyamji Enterprises, Shree Kant Verma, Area-1.235 Ha., File No.7347/ Proposal No. SIA/UP/MIN/406045/2022

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 at Khasra No. 155, Village – Bhedpur, Tehsil – Sadar, District– Shahjahanpur, U.P. (Leased Area : 1.235 ha), M/S Shree Shyamji Enterprises.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/406045/2022				
2. File No .allotted by SEIAA,UP	7347				
3. Name of Proponent	Shri kant Verma Prop. M/S Shri Shyamji Enterprises				
4. Registered Address	Nizampur Gautiya, Shahbaznagar District- Shahjahanpur, U.P				
5. Full correspondence address of proponent and mobile no.	Shri kant Verma Prop. M/S Shri Shyamji Enterprises				
	Nizampur Gautiya, Shahbaznagar District- Shahjahanpur, U.P				
6. Name of Project	Bhedpur Soil Mining Project				
7. Project location (Plot/ Khasra /Gata No.)	Khasra No- 155				
8. Name of Village	Bhedpur,				
9. Tehsil	Sadar				
10.District	Shahjahanpur				
11. Name of Minor Mineral	Ordinary soil				
12. Total Area (in Ha.)	1.235 ha				
13. Mineable Area (in Ha.)	1.1733 ha				
14.Pillar Coordinates(Verified by OMO)			Latitude	Longitude	
			155		
	A		27°52'35.96"N	79°52'6.04"E	
	B		27°52'34.22"N	79°52'10.54"E	
	C		27°52'31.52"N	79°52'9.46"E	
	D		27°52'33.21"N	79°52'4.66"E	
15. Period of agreement between Project proponent & Land Owner	6 months				
16. Mine Plan approval details	Letter No. 1639/ khaman anubhag/ 2022 dated 20-10-2022				
17. Validity of Mine Plan	6 months				
18.Total Proposed Production (six months)	26984 cum				
19. Proposed Production/year	The project is only for 6 months				
20.Method of Mining	Opencast Semi-Mechanized				
21.No.of workers	15				
22.Type of Land	Pvt. Land (Agriculture)				
23.Ultimate Depth of Mining	2.5 Meter				
24. Water Requirement	Purpose		Requirement (kld)		
	Drinking and domestic		0.4		
	Suppression of dust		3.0		
	Plantation		1.0		
	Others(if any)		----		
	Total		4.4		
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. 1722 dated 14-11-2022	
30. Proposed CER cost	0.30 Lakh	
31. Proposed EMP cost	0.75 Lakh	
32. No. of Trees to be Planted	500	
33. Detail of CTE issued by UPPCB (for brick kiln project)	NA	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 26/10/2022 mentioning is as follows:

1. I, Muzaffar Ahmad S/o Shri Iqbal Ahmad is EIA Coordinator of Rian Enviro Pvt. Ltd.
2. I have prepared EIA/EMP for the proposal in the name of Bhedpur 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 are true and correct.
5. I certify that this project proposal has been uploaded for the first time 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. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes.

8. Building Stone- Sandstone (Khandas, Boulder, Gitti) Mining Project at Araj No.- 17 Kha, Village: Pathraur, Tehsil: Madihan, District: Mirzapur, Shri Divya Lata, Area: 1.616 Ha., File No.7348/ Proposal No. SIA/UP/MIN/404887/2022

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 P & M Solution. 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- Sandstone (Khandas, Boulder, Gitti) Mining Project at Araj No. 17 Kha, Village: Pathraur, Tehsil: Madihan, District: Mirzapur, U.P., (Leased Area: 1.616 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/404887/2022		
2. File no. allotted by SEIAA,UP	7348		
3. Name of Proponent	Smt. Divya Lata Dubey W/o Upendra dhar Dubey		
4.Full correspondence address of proponent and mobile no.	R/o- Village- Kalana, Post- Kalana, Thana- Vindhyachal, District: Mirzapur, U. P.		
5. Name of Project	"Building Stone- Sandstone (Khandas, Boulder, Gitti)"		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 17 (अ), Village: Pathraur, Tehsil: Madhian, District: Mirzapur Uttar Pradesh.		
7. Name of River	-		
8.Name of Village	Pathraur		
9. Tehsil	Madihan		
10.District	Mirzapur		
11. Name of Minor Mineral	"Building Stone- Sandstone (Khandas, Boulder, Gitti)"		
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 2.024Ha		
13. Mineable Area (in Ha.)	1.616 Ha.		
14. Zero Level mRL	-		
15. Max. & Min mRL within lease area	The Highest Point at 230 mRL The Lowest Point at 223 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
(Source: Verified Khasra Map)	Pillars	Latitude (N)	Longitude (E)
	A	24°57'04.59"N	82°31'17.06"E
	B	24°57'03.50"N	82°31'20.99"E
	C	24°56'58.93"N	82°31'19.25"E
	D	24°57'00.14"N	82°31'15.63"E
17. Total Geological Reserves (Source: Approved Mining Plan)	5,99,893.5 m ³		
18. Total Mineable Reserves (Source: Approved Mining Plan)	3,31,826 m ³		
19. Total Proposed Production (in five years)	3,03,600 m ³		
20. Proposed Production/year	45,000 m ³ per annum		
21. Sanctioned Period of Mine lease	10 years		
22. Production of mine/day	173.08 m ³ /day (484.62 T/day)		
23. Method of Mining	Opencast, semi-mechanized		
24. No. of Working days	260 Days		
25. Working hours/day	8 -10 hours/day		
26. No. Of Workers	28		
27. No. of vehicles movement/day	24 Units (Assumed Loading Capacity: 20 Tonnes/Unit)		
28. Type of Land	Private Land		
29. Ultimate Depth of Mining	30 m (230 mRL – 200 mRL) (Source: Approved Mining Plan)		
30. Nearest metalled road from site	Kalvari Lalganj Road 1.2 km, South		
31. Water Requirement	Purpose	Requirement (KLD)	
	Drinking	0.28	

	Suppression of Dust	1.239
	Plantation	3.3
	Total	4.81
32. Name of QCI Accredited Consultant with QCI No. and period of validity.	P AND M Solution Certificate No.: NABET/EIA/1922/IA0053, Valid Till Dec 10/2022	
33. Any litigation pending against the project or hand in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mirzapur Letter No. 1870/ खनिज/ 2022, Dated 06/10/2022	
35. Details of Lease Area in approved DSR	Approved DSR, Mirzapur Page No 16, Sr No.150	
36. Proposed Project Cost	Rs 103 Lakhs	
37. Proposed EMP Cost	Rs.14.39 Lakhs	
38. Proposed CER Cost	Rs 3.10 Lakhs (3% of the total Project Cost)	
39. Length and width of Approach Road	Haulage Road Length 177 m & Haulage Road Width 7 m	
40. No. of Trees to be Planted	1650 Trees	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2022 mentioning is as follows:

1. I, Dr. Jatin Kumar Srivastava S/o Late Shri. Lalit Kishore Srivastava is EIA Coordinator of M/s P & M Solution, Noida, QCI/NABET Certificate No. NABET/EIA/1922/IA0053 valid till Dec. 10 2022.
2. I and my team have prepared the EMP report and suggested corrections have duly been incorporated within the report for the proposal SIA/UP/MIN/404887/2022 in Name of Smt. Divya Lata Dubey W/o Upendra Dhar Dubey.
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 that all the necessary data/ information submitted along with Application / 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 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 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.
 12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 13. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
 14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department
9. **Soil Mining Project at Gata No.- 89mi, 83mi, 89, 133mi, 47mi, 48, 49, 57mi, 68, 104mi, Village-Kurreya Mu. Khanpur, Tehsil -Puwanya, District- Shahjahanpur,U.P., Shri Harsh Raj Tiwari, Area- 4.5455 ha., File No.7349/ Proposal No. SIA/UP/MIN/406103/2022**

The Secretariat informed the committee that a complaint letter dated 28/11/2022 of Shri Shahid Kha, Gram Pradhan, Tanh Khurd Khalan, Vikas Khand Khutaar, Shahjahanpur along with letter of Shri Mitilesh Kumar Katheriya, Hon'ble Member of Parliament, Rajya Sabha, Uttar Pradesh has been received in Department against the "Soil Mining Project at Gata No.- 89mi, 83mi, 89, 133mi, 47mi, 48, 49, 57mi, 68, 104mi, Village-Kurreya Mu. Khanpur, Tehsil -Puwanya, District- Shahjahanpur, U.P." The committee discussed the matter and opined that the above compliant letters should be sent to District Magistrate, Shahjahanpur for providing the factual report of the issues raised in compliant letter.

The matter shall be discussed after receipt of factual report.

10. Expansion of Manufacturing of Synthetic Organic Chemicals Formaldehyde 150 TPD at Plot No.- R-3 & 4, Parsakhera Industrial Area, UPSIDC, Bareilly, U.P., M/s Manglam Chemicals Private Limited, Shri Sushil Agarwal., File No.7350/6439/ Proposal No. SIA/UP/IND3/406401/2022

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 and Development), Lucknow, U.P. 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 Expansion of Manufacturing of Synthetic Organic Chemicals Formaldehyde 150 TPD at Plot No.- R-3 & 4, Parsakhera Industrial Area, UPSIDC, Bareilly, U.P., M/s Manglam Chemicals Private Limited.
2. The Terms of Reference in the matter were issued through online Parivesh Portal on 12/07/2021.
3. Public hearing is exempted as per Office Memorandum issued by MoEF&CC vide letter no. J-11011/321/2016-IA. II (I), dated 27 April 2018.
4. Salient features of the project as submitted by the project proponent:

S.No	Components	Detail
1	Name of Project	Environmental clearance for expansion in existing manufacturing of formaldehyde by M/s Manglam Chemicals Pvt. Ltd.
2	Project Site	Plot No. R – 3 & 4, Parsakhera Industrial Area, UPSIDC, Bareilly, UP
3	Project Category	5(f) Category — B of EIA notification 2006 and its amendments.
4	Proposed capacity of Plant	Existing: 15 TPD of formaldehyde Proposed: 150 TPD of formaldehyde
5	Total project area	3567.48 m ²
6	Total project cost	Rs. 212.0 Lakhs
7	No of working days	330 Days
8	Raw material and its Quantity	Methanol, Salt (NaCl), Silver (as catalyst)
9	Fuel Requirement	Diesel : 80 Litre /hr (For DG Set, Boiler)
10	Water Requirement	Industrial Use: 143.3 KLD Domestic Use: 0.5 KLD Gardening: 1.2 KLD Total Water Requirement: 145 KLD
11	Source of water	Ground water
12	Waste Water Generation	No waste water generated from the process. RO reject and Softener plant reject will be utilized in Cooling Tower
13	Domestic Water Requirement	Water requirement : 0.5 KLD Domestic Waste Water : 0.3KLD Treatment: Waste water will be disposed through Septic and Soak pit.
14	Man Power Requirement	Construction Phase: 14 Nos. Operation phase: Existing 09 and Proposed 02 = 11
15	Power Requirement	Uttar Pradesh Power Corporation Ltd. Electricity: 250 KW
16	Backup Power	2 D.G. sets of capacity 160 KVA and 240 KVA and 1 Transformer of 300 K.W will also be proposed as the backup power supply & 1 Baby Boiler of capacity 0.9 TPH. will also be proposed
17	Source of Air Pollution and fuel	Steam Boiler – 900Kg/Hr (1 No.) and D.G. Set
18	Air Pollution Control Equipment	All major sources of Air pollution will be provided with Wet Scrubber to maintain PM emissions below permissible limits (i.e. < 800 mg/Nm ³). Stack height : 30 meters
19	Resource Recovery	
(i)	Water	Condensate from boiler and water from cooling tower will be

		reused.
(ii)	Solvent	Methanol Recovery (97%) shall be done and reused back to process.
20	Rain water harvesting pits	01

5. Land use details:

S. No	Land Use	Existing Area (m2)	Proposed Area	Total M2	Area (%)
1	Manufacturing Area	250	350	600	16.85
2	PESO Area	500	0	500	14.04
3	Storage Area	100	0	100	2.81
4	Laboratory Area	50	0	50	1.40
5	Greenbelt	1250	0	1250	35.11
6	Parking area	200	0	200	5.62
7	Road Area	100	0	100	2.81
8	Utility Area	107	0	107	2.81
9	Open Area	1010	-350	660	18.54
	Total	3567		3567	100.0

6. Raw material details:

S. No	Name of Products & physical State	Name of Raw Materials	CAS no. of Raw Materials	Product Quantity (TPM)	Mode of Storage
1	Formaldehyde (37%) – Liquid	Methyl Alcohol	67-56-1	150 TPD	M. S Tank

7. The project proposal falls under category–5(f) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 07/11/2022 mentioning is as follows:

1. I, Awadhes Kumar, S/o Sri Paltan Prasad is EIA Coordinator of M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P.
2. I have prepared EIA/EMP for the proposal no. SIA/UP/IND3/406401/2022, File No. 7350/6439 for the project Expansion of Manufacturing of Synthetic Organic Chemicals Formaldehyde 150 TPD at Plot No.- R-3 & 4, Parsakhera Industrial Area, UPSIDC, Bareilly, U.P., M/s Manglam Chemicals Private Limited 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 in the expansion area for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time 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. Public hearing is exempted as per Officer Memorandum issued by MoEF&CC vide letter no. J-11013/321/2016-IA.II(I), dated 27/04/2018.
8. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 10

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith specific conditions and following standard environmental clearance conditions:

Specific conditions:

1. Explore the possibilities of use of various by-products.

2. Development of spectrophotometric method for detection of formaldehyde in air and HPLC method for detection of formaldehyde in water.
3. Project Proponent should adopt 01 village & develop them as model village.

Standard environmental clearance conditions:

1. Statutory compliance:
 - i. The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
 - ii. 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.
 - iii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - iv. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule species in the study area).
 - v. 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.
 - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
 - vii. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
2. Air quality monitoring and preservation:
 - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
 - iii. 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 PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
 - iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
 - v. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
 - vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
 - vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied.
3. Water quality monitoring and preservation:
 - i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
 - ii. The project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. The project proponent shall ensure the Zero Liquid Discharge and no waste/treated water shall be discharge outside the premises
 - iii. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory

- authority/CGWA in this regard.
- iv. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
 - v. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
 - vi. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
 - vii. 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-swailes, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 - viii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 - ix. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 - x. 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.
 - xi. 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.
 - xii. 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.
 - xiii. 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.
 - xiv. 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.
 - xv. 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.
 - xvi. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 - xvii. 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.
 - xviii. 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.
 - xix. All recharge should be limited to shallow aquifer.
 - xx. No ground water shall be used during construction phase of the project.
 - xxi. 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.
 - xxii. 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.
 - xxiii. 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. Dual pipelines plan for reuse of treated water on campus should be implemented.

- xxiv. No sewage or untreated effluent water would be discharged through storm water drains.
- xxv. 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.
- xxvi. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
- xxvii. 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:
 - i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
 - ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
 - iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- 5. Energy Conservation measures:
 - i. The energy sources for lighting purposes shall preferably be LED based.
- 6. Waste management:
 - i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
 - ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
 - iii. The company shall undertake waste minimization measures as below:-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation
- 7. Green Belt:
 - i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- 8. Safety, Public hearing and Human health issues:
 - i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 - ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
 - iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
 - iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
 - v. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 - vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
 - vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- 9. Corporate Environment Responsibility:
 - i. 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.
- ii. 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.
 - iii. 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.
 - iv. 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.
 - v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
10. Miscellaneous:
- i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
 - ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
 - iii. Agreement with TSDF vendors shall be submitted.
 - iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
 - v. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
 - vi. 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.
 - vii. 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.
 - viii. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
 - ix. 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.
 - x. 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.
 - xi. 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.
 - xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - xiii. 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.
 - xiv. 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).
 - xv. 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.
 - xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company

- in a time bound manner shall implement these conditions.
- xviii. 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.
- xix. 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.
- xx. 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.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Ashish Tiwari)
Member-Secretary, SEAC

(Rajive Kumar)
Chairman

Nodal, SEAC-1

MoM prepared by Secretariat in consultation with
Chairman & Members on the basis of decisions
taken by SEAC-2 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, SO₂, NO_x 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, SO₂, NO_x) 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 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of 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 05 ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05 ha, 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 vizgutkha 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.