

Minutes of the 264th Meeting of the State Expert Appraisal Committee (SEAC), Haryana held on 28.03.2023 under the Chairmanship of Sh. V. K. Gupta, Chairman, SEAC, in Conference Hall (SEIAA), Bays No.55-58, First Floor, Paryatan Bhawan, Sector-2, Panchkula for considering Environmental Clearance of Projects (B Category) under Government of India Notification dated 14.09.2006

At the outset the Chairman, SEAC welcomed the Members of the SEAC and advised the Member Secretary to give brief background of this meeting.

The minutes of 263rd meeting were discussed and approved. In this meeting 07 nos. of agenda project received from SEIAA, were taken up for scoping, appraisal and grading as per agenda circulated.

The following members joined the meeting:

Sr. No.	Name	Designation
1.	Sh.Prabhaker Verma (Attended through VC)	Member
2.	Shri Vivek Saxena, IFS	Member
3.	Shri Rajbir Bondwal, IFS (Rtd).	Member
4.	Dr. Sandeep Gupta	Member
5.	Sh. Bhupender Singh Rinwa, Joint Director, Environment & Climate Change Department, Haryana (Attended through VC)	Member Secretary
6.	Sh. Rajesh Kumar Sehrawat, Representative from Head Quarter, Directorate of Mines and Geology Department, Haryana	Mining Officer

264.01 EC (Under Violation) for Expansion of Commercial Project “AIPL Joy Street” at Sector 66, Gurugram, Haryana by M/s Landmark Apartments Pvt. Ltd.

Project Proponent : Sh. Julee Jha
Consultant : Vardan EnviroNet

The Project Proponent submitted the case to SEIAA vide online Proposal SIA/HR/INFRA2/422450/2023 dated 17.03.2023 for obtaining Expansion of Environmental Clearance (**under violation**) under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee vide DD No.844061 dated 02.06.2022 of Rs.2,00,000/-. The ToR (under violation category) has been granted to the project on 06.12.2022

The case was taken up in 264th meeting held on 28.03.2023. The PP presented the case before the committee. After discussion, the committee raised some observations to which PP replied in the form of an affidavit dated 28.03.2023 stating therein as under:

- That earlier we have been granted EC vide EC letter no. SEIAA/HR/2012/96 on 11.07.2012 for 51,844.45 m² built up area at 16,010.05 m² plot area.
- That we have obtained Occupation certificate for built up area of 54,551.768 sqmtr. after paying requisite fees of compounding to DTCP.
- That we have constructed 2,707.318 m² extra built-up area distributed in 3 extra floors. (wherein approx. 720 sq.mtr is part of FAR and balance area is part of non-FAR).
- These upper three extra floors are part of approved building plan by Town and Country Planning, Haryana and also part of approved Fire Scheme and Fire NOC

- That our project is certified as Green Building and we are following all the environment protection measures.
- For additional area of 2707,318 sq.mtr, which is approved as per provision of Haryana Town and Country Planning, we are applying for Fresh EC for the project under violation category for the total 54,551.768 m² of built – up area.
- A complaint has been filed under Section 15 read with Section 16 of The Environment (Protection) Act by the Haryana State Pollution Control Board through case no. 68/2021 and except that there is no litigation pending against our project site.
- That the TOR letter was issued by SEIAA, Haryana on 06.12.2022. in the TOR letter issued by SEIAA, Haryana and under Standard TOR point number 13 of TOR letter it is mentioned that “Remediation plan and Community and Natural resource augmentation plan to be prepared as independent chapter in the EIA report.
- That the TOR letter was issued by SEIAA, Haryana on 06.12.2022. in the TOR letter issued by SEIAA, Haryana under additional TOR points it is mentioned that” The PP shall submit assessment of ecological damage, remediation plan and natural and community resource augmentation plan since its construction being a violation case”.
- That we have carried out the damage assessment and penalty calculation as per draft guidelines issued by MOEF&CC through their OM dated 05.03.2020 and OM of MOEF&CC dt 07.07.2021 the SOP was issued for Identification and handling of violation cases under EIA notification 2006 in compliance to order of Hon’ble National Green Tribunal in O.A. No. 34/2020 WZ
- That we are considering the project cost certified by CA and the same details were mentioned in balance sheet which was filed for the year 2019-20.
- That the recent order of Hon’ble NGT court dated 22.02.2023, in the matter of VSR Infratech Vs State of Haryana is not applicable to us as the orders were passed on this project only and not in general and further our case for violation was applied before the release of the said order.

A detailed discussion was held on the information provided by PP during the presentation of the case. However, after detailed deliberation, it was observed that some more points are to be cleared. Therefore, the committee decided to convey followings observations to the PP:

1. The PP shall submit revised tangible, scientific and realistic damage assessment methodology regarding land, air, noise, water, soil, ecology, and solid waste management detail in documentary form as per SoP dated 07.07.2021.
2. The PP shall submit revised green plan, time schedule of remaining plantation, and available tree detail as per MoEF&CC guidelines with list of native species to be planted.
3. The PP shall give reason/clarification as to why green area is being reduced at project site.
4. The PP shall submit CA certificate of total cost including land cost of the project.
5. The PP shall submit overhead images of green developed at the project site.
6. The PP shall submit the affidavit regarding the ATR of non-complied points in CCR.
7. The PP shall submit affidavit regarding regular submission of six monthly compliance.
8. The PP shall submit the detail/status of EMP achieved as per previous EC.
9. The PP shall submit power and water assurances from the competent authority.
10. The PP shall submit the comparative chart (in tabular form) of kila numbers and khasra nos in the license, Aravali NoC and Forest NoC.

The PP was asked to submit reply of above mentioned observations within 15 days and the case shall be taken up after receipt of reply from PP.

264.02 EC for Proposed New 90 KLPD distillery consisting of A 60 KLPD new plant based on B-Heavy molasses from the new Sugar Mill And 30 KLPD grain Based distillery as supplementary raw material and with option of Spent Wash In specially designed Incineration Boiler with at Panipat Coop. Sugar Mill Panipat City, Village-Dahar.,1, Gohana Road Panipat, Haryana 132103 by M/s Panipat Coop. Sugar Mill

Project Proponent : Sh.Sanjeev Sharma
Consultant : Enviro Infra Solutions Pvt.Ltd.

The Project Proponent submitted the case to SEIAA vide online Proposal SIA/HR/IND2/422334/2023 dated 16.03.2023 for obtaining Environmental Clearance under Category 5(g) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee vide DD No.07049 dated 20.07.2022 of Rs.2,00,000/-. The auto ToR was granted to the project on 02.08.2022.

The case was taken up in 264th meeting held on 28.03.2023. The PP presented the case before the committee. After discussion, the committee raised some observations to which PP replied as under:

Sr. No.	Observations	Compliance/Reply
1	The PP shall submit cost certificate duly verified by authorized CA including Civil, Mechanical and component costs.	The cost certificate duly verified by authorized CA including Civil, Mechanical and component costs is enclosed as Annexure I.
2	The PP shall submit NABET Certificate.	The NABET Certificate is enclosed as Annexure II.
3	The PP shall submit the Demand made by Sarpanch of Village Dahar during the Public Hearing.	The Demand made by Sarpanch of Village Dahar during the Public Hearing is enclosed as Annexure III. The Mill will take all necessary steps for fulfilment of Demand made by Sarpanch of Village Dahar during the Public Hearing.
4	The PP shall submit the Affidavit for ZLD Process (Zero Liquid discharge).	That the 90 KLPD Ethanol Project is ZLD Process (Zero Liquid Discharge). The Affidavit in this regard is enclosed as Annexure-IV.
5	The PP shall submit Affidavit to the effect that No Court Case is pending against the Project site.	Affidavit for the effect that No Court Case pending against the Project site is enclosed as Annexure IV.
6	The PP shall submit Affidavit for mentioning the source of water.	Affidavit for ground water permission from HRWA is enclosed as Annexure IV.
7	The PP shall submit Affidavit to the effect that No Wild Life Sanctuary is falling within 10 KMS of the Project Site.	The Affidavit to the effect that No Wild Life Sanctuary is falling within 10 KMS of the Project Site is enclosed as Annexure IV.
8	The PP shall submit the No. of Trees & tree cover at the Project Site.	That the plantation 2000 Nos. of the Plants like Mango, Jamun, Beri, Aanwla, Guava, Peepal, Neem, Arjuna, Shisham, Bud etc. will be done at Project Site along with Tree cover.
9	The PP shall submit the detail as to what measures are to be taken to control Air Emission at the Project Site.	That for Air Emission Control, Electro Static Precipitator will be installed and Online Stack Emission System for continuous monitoring for Air Pollution by HSPCB & CPCB will also be installed at the Project Site.
10	The PP shall submit building Plan duly approved by the Competent Authority.	That the approval of building Plan from National Federation of Cooperative Sugar Factories Ltd., New Delhi will be obtained after issuance of Letter of Intent to the Supplier Firm for the Project.
11	The PP shall submit revised EMP and CER with the incorporation of Socio Economic column in the Table provided for the Budget.	Revised CER & EMP in line with Public Hearing points for Village Dahar given by Sarpanch of Village Dahar are enclosed as Annexure-V.
12	The PP shall submit the Land Ownership document.	The Land ownership document including copy of Registry, Mutation from Gram Panchayat of Village Dahar is enclosed as Annexure-VI.
13	The PP shall submit Forest NOC.	The request letter for issuance of NOC from Forest Deptt., Panipat has been applied (copy of the letter as Annexure VII) and the NOC will be submitted after issuance of NOC

		from Forest Deptt., Panipat.
14	The PP shall submit the detail of transfer of Ownership.	The Land ownership transfer document i.e. Resolution passed by the Gram Sabha of Village Dahar is enclosed as Annexure-VIII .
15	The PP shall submit copy of Notification issued by the Govt. of India.	As per letter bearing No. F-7/NFCSF/CO/ Int.Sub./2022 dated 02-12-2022 issued from the National Federation of Cooperative Sugar Factories Ltd., New Delhi, the DFPD for Inter Subvention shall have to be submitted before 21-04-2023 after obtaining EC for the project (Copy of the letter enclosed as Annexure-IX). Under this scheme, the GOI provides 50% Inter Subvention on the Term Loan subject to maximum of 6% for 5 Years with 1 Year Moratorium. The Notification of the GOI in this regard is also enclosed as Annexure-X .
16	The PP shall submit the affidavit that 33% Green area shall be achieved within 1 year.	The affidavit that 33% Green area shall be achieved within 1 year is enclosed as Annexure IV .
17	The PP shall mark the location of Green area on landscape plan alongwith detail of tree cover.	The location of Green area on landscape plan alongwith detail of tree cover is enclosed as Annexure-XI .

PP also submitted an affidavit mentioning therein as under:

1. That the 90 KLPD Ethanol Project is ZLD Process (Zero Liquid Discharge).
2. That the No litigation/ Court Case have been pending against the Project Site.
3. That the permission to extract Ground Water for Industrial use for this Project from HRWA has been applied vide Application No. HWRA/IND/N/2022/4307.
4. That no Wild Life Sanctuary is existing within 10 KMS of the Project Site.
5. That 33% Green area shall be achieved within 1 year.

PP further submitted following details of the project:

Table 1 – Basic Detail

Name of the Project: EC for Proposed New 90 KLPD distillery consisting of A 60 KLPD new plant based on B-Heavy molasses from the new Sugar Mill And 30 KLPD grain Based distillery as supplementary raw material and with option of Spent Wash In specially designed Incineration Boiler with at Panipat Coop. Sugar Mill Panipat City, Village-Dahar.,1, Gohana Road Panipat, Haryana 132103		
Sr. No.	Particulars	
Online Proposal no. SIA/HR/IND2/422334/2022		
1.	Latitude	29°19'49.58"N
2.	Longitude	76°56'47.62"E
3.	Plot Area	(15 Acres) 6.07 Ha
4.	Proposed Ground Coverage	Will be finalized after issuance of LOI.
5.	Proposed FAR	NA
6.	Non FAR Area	NA
7.	Total Built Up area	Will be finalized after issuance of LOI.
8.	Total Green Area with Percentage	33%.
9.	Rain Water Harvesting Pits	12
10.	STP Capacity	NA
11.	Total Parking	2.5 Acres
12.	Organic Waste Converter	NA
13.	Maximum Height of the Building (m)	Stack Height 55m
14.	Power Requirement	2.5 MW
15.	Power Backup	DG set 1010 KVA
16.	Total Water Requirement	Fresh water requirement is 705 KL/day will be met through tube well after taking necessary permission from HWRA

17.	Domestic Water Requirement	705 KL/day
18.	Fresh Water Requirement	Fresh water requirement is 705 KL/day will be met through tube well after taking necessary permission from HWRA
19.	Treated Water	ZLD
20.	Waste Water Generated	Zero Liquid discharge (ZLD).
21.	Solid Waste Generated	Solid waste generated would be yeast sludge and ash from the boiler. Yeast sludge will generate@ 1.8 MT/Day. The boiler furnace will result in maximum ash generation @ 11 MT/Day. The following are the management.
22.	Biodegradable Waste	NA
23.	Number of Towers	NA
24.	Dwelling Units/ EWS	NA
25.	Saleable Units	NA
26.	Basement	NA
27.	Community Center	NA
28.	Stories	NA
29.	R+U Value of Material used (Glass)	NA
30.	Total Cost of the project	Rs. 150.64 crore

EMP Budget

Revised Corporate Environment Responsibility

S.No.	Activities	Amount (Rs. in Crores)
1.	Infrastructure creation for drinking water supply by providing hand pumps in Jattal, Diwana Dadola, Dahar, Bursham, Karhans villages	0.20
2.	Cross drainage structure in village roads for better drainage at Jattal, Diwana Dadola, Dahar, Bursham, Karhans villages	0.40
3.	Providing skills development training like computer education and distribution of books at Government Primary School Vikas Nagar & Arya Primary School Panipat, Gandhi Primary School, Panipat	0.30
4.	Farmers' fields Soil testing and advise proper fertilization in Jattal, Diwana Dadola, Dahar, Bursham, Karhans villages	0.40
5.	Scientific support to local farmers to increase the yield of crop and fodder in Jattal, Diwana Dadola, Dahar, Bursham, Karhans villages	0.40
6.	Plantation in community areas with native species in consultation with Forest Department at Jattal, Diwana Dadola, Dahar, Bursham, Karhans villages	0.40
7.	Provision of solar panel lights in Jattal, Diwana Dadola, Dahar, Bursham, Karhans villages and at Government Primary School Vikas Nagar & Arya Primary School Panipat, Gandhi Primary School, Panipat	0.15
Total		2.25
S.No	Socio Economic Responsibility	Budget
1.	Provision of Medical camp in Dahar village	0.01
2.	Provision of Street Light in Dahar village	0.01
3.	Provision of planting Approximately 500 plants in Dahar village.	0.01
4.	Provision of Water Tanks in Dahar village	0.01
5.	Provision of Fogging in Dahar village	0.01
6.	Total	0.05

**Revised EMP Plan
Breakup of Capital Cost of Pollution Control Measures**

S. No.	Description	Cost (Rs. In Crores)
1	Multiple Effect Evaporator	22.00
2	Slop boiler	38.00
3	Condensate Polishing Unit	4.60
4	ETP for Misc. Streams	0.60
5	Electrostatic Precipitator	2.16
6	Green Area Development	0.10
7	Development of spent wash storage lagoon, ash handling area etc.	1.00
8	Laboratory for analysis of environmental parameters	0.20
9.	Provision of Solar lights in Dahar village	0.05
10.	Provision of Water Taps in Dahar village	0.01
11.	Provision of Public Toilets in Dahar Village	0.05
12.	Provision of Cleaning of Dahar Village once in 3 months	0.01
	Total	68.78

Breakup of Recurring Cost of Pollution Control Measures

S. No.	DESCRIPTION	COST (Rs. in Crores)
1	Multiple Effect Evaporator	0.6
2	Slop boiler	0.8
3	ETP for Misc. Streams	0.05
4	Electrostatic Precipitator	0.05
5	Green Area Development	0.1
6	Laboratory for analysis of environmental parameters	1.1
7.	Provision of Solar lights in Dahar village	0.05
8.	Provision of Water Taps in Dahar village	0.01
9.	Provision of Public Toilets in Dahar Village	0.05
10.	Provision of Cleaning of Dahar Village once in 3 months	0.01
	Total	3.9

A detailed discussion was held on the documents as well as information provided by the PP during the meeting. After detailed deliberation the Committee was of the unanimous view that this case should be recommended to the SEIAA for granting Environmental Clearance under EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations:

A. Specific conditions:-

1. The PP shall submit approved building plan from National Federation of Cooperative Sugar Factories Ltd., New Delhi after obtaining of Letter of Intent to the Supplier Firm for the Project.
2. The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.

3. The chemicals below the threshold limit shall be allowed to store.
4. The PP shall manage the boiler Ash for manufacturing of manure to third party and shall not be disposed of in the open area.
5. The measures shall be taken to control air emission at the project site as per affidavit.
6. The PP shall not allow the Traffic jam in the roads leading to the unit.
7. The PP shall install condensate polishing unit for treatment of spent wash condensate.
8. The PP shall obtain the CTE/CTO from HSPCB before the start of the Project.
9. The PP shall maintain the Zero Liquid Discharge plan in project.
10. The PP shall ensure all safety measures for boilers in operation
11. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used in the process.
12. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
13. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, 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 marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose 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
14. The PP shall maintain number of trees as proposed. No tree cutting has been proposed in the instant project. 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. As proposed **33% of the area earmarked for project site** shall be maintained as green area development alongwith tree cover at the site.
15. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including Municipal Corporation before commencement of work. All the construction shall be done in accordance with the local building byelaws.
16. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
17. **12 Rain Water Storage Pits** shall be provided for ground water recharging as per the CGWB norms
18. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of Rain Water Storage tanks
19. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightning etc.
20. The PP shall carry out the quarterly awareness programs for the stakeholders of the project.
21. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.

B. Statutory Compliance

- i. 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
- ii. The project proponent shall obtain clearance from the National Board for wildlife, it applicable.
- iii. 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-1 species in the study area.)

- iv. 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.
- v. The project proponent shall obtain authorization under the Hazardous and other Waste Management rules, 2016 as amended from time to time.
- vi. The company shall strictly comply with the rules and guide lines 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.

I. 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 install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM₂₅ in reference to SO₂ and NO_x emissions) within the 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, (case to case basis small plants: Manual: Large Plants: continuous)
- iii. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Appropriate Air Pollution control (APC) system shall be provide for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- v. 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 with.
- vi. 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.
- vii. 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.
- viii. Storage of raw materials, coal etc shall be either stored in soils or in covered areas to prevent dust pollution and other fugitive emissions.

II. Water quality monitoring and preservation

- i. For 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 (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
- ii. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
- iii. 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.
- iv. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.

- v. 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.
- vi. Industrial/trade effluent 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.
- vii. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.
- viii. 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.

III. 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. 75dB(A) during day time and 70 dB(A) during night time.

IV. Energy conservation measures

- i. The energy sources for lighting purposes shall preferable be LED based.
- ii. The PP will comply with ECBC Act and adhere to 25% energy savings and the unit audited every six months from empanelled energy auditor

V. 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 waste water generation.

VI. Green Belt

- i. Green belt shall be developed in an area equal to 33% of the plant/project area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover three entire periphery of the plant.

VII. 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 PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. 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.

- iv. 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.
- v. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vi. 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.

VIII. 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 and /or shareholders/stakeholders. 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 report to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be duly approved by the 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 third party environmental audit shall be carried out.

IX. Miscellaneous

- i) 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.
- ii) 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.
- iii) The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv) The project proponent shall monitor the criteria pollutants levels namely: PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector 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.
- v) 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.
- vi) 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.
- vii) 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.

- viii) The project authorities must strictly adhere to the stipulations made by the State Pollution control Board and the State Government.
- ix) 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.
- x) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, forests and climate Chang (MoEF&CC).
- xi) 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.
- xii) The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii) The Ministry/SEIAA reserves the right to the stipulated additional conditions if found necessary. The company in a time bound manner shall implement these conditions.
- xiv) 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.
- xv) 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.
- xvi) 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.

264.03 EC for Residential plotted Colony located at Sector-51, Near Samaspur Village-Gurugram, Haryana by M/s Orchid Infrastructure Developers Pvt. Ltd

Project Proponent : Sh. Arun Nijhawan
Consultant : Perfact Enviro Solutions Pvt. Ltd.

The Project Proponent submitted the case to SEIAA vide online Proposal SIA/HR/INFRA2/421717/2023 dated 16.03.2023 for obtaining Environmental Clearance under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee vide DD No.515510 dated 27.02.2023 of Rs.2,00,000/-.

The case was taken up in 264th meeting held on 28.03.2023. The PP presented the case before the committee. After discussion, the committee raised following observations:

1. The PP shall submit CA certificate for total cost of project including construction and land costs.
2. The PP shall submit Water and Sewer Permission.
3. The PP shall submit approved copy of zoning plan.
4. The PP shall submit proof of name change of the land in favour of PP.
5. The PP shall submit land ownership document.
6. The PP shall submit permission/affidavit regarding revenue rasta passing through the project site.
7. The PP shall submit affidavit that no construction has been done on the project site.
8. The PP shall submit an affidavit that no court case is pending against the project site.
9. The PP shall enhance solar power capacity
10. The PP shall submit revised EMP and shall add names of villages.

11. The PP shall submit affidavit that single DG set shall be installed on the project site.
12. The PP shall submit plot wise detail of green area and tree cover in tabular form.
13. The PP shall submit an undertaking regarding installation of solar panel by individual plot holder.

The PP was asked to submit reply of above mentioned observations within 15 days and shall be taken up as and when reply is received from PP.

264.04 EC for Proposed Expansion of Minor mineral of Stone along with Associated Minor minerals from 10 MTPA to 24 MTPA over an area of 258.30 ha located in village - Khanak , Tehsil- Tosham, District Bhiwani, Haryana by HSIIDC Ltd.

Project Proponent : Sh. Sanjay Kumar
Consultant : Mantec Consultants Pvt. Ltd

The Project Proponent submitted the case to SEIAA vide online Proposal SIA/HR/MIN/421906/2023 dated 20.03.2023 for obtaining Environmental Clearance under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee vide DD No.269785 dated 21.10.2022 of Rs.1,50,000/-. The auto ToR was granted to the project on 07.11.2022.

The case was taken up in 264th meeting held on 28.03.2023. However the PP requested vide letter dated 28.03.2023 to defer the case. The committee acceded with the request of PP and deferred the case.

264.05 EC for Proposed Group Housing Colony at Village Kherki Daula & Sihi, Sector-83, Gurugram, Haryana by M/s A and D Estates Private Limited

Project Proponent : Sh. Ajeet Sharma
Consultant : Vardan EnviroNet

The Project Proponent submitted the case to SEIAA vide online Proposal SIA/HR/INFRA2/422384/2023 dated 15.02.2023 for obtaining Environmental Clearance under Category 8(b) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee vide DD No.214518 dated 30.01.2023 of Rs.2,00,000/-.

The case was taken up in 264th meeting held on 28.03.2023. The PP presented the case before the committee. After discussion, the committee raised following observations:

1. The PP shall submit CA certificate for total cost of project including construction and land costs.
2. The PP shall submit undertaking that court case is pending
3. The PP shall submit permission of revenue rasta and its status
4. The PP shall submit affidavit regarding wildlife sanctuary, power assurance, building plan, solar power increase, ToD permission, water assurance, Wildlife Activity Plan and how much is the tree covered area.
5. The PP shall submit revised EMP budget
6. The PP shall adopt a pond for rejuvenation and include its expenses in EMP budget
7. The PP shall submit clarification about entrance of the project
8. The PP shall submit the comparative chart (in tabular form) of kila numbers and khasra nos in the license, Aravali NoC and Forest NoC.

The PP was asked to submit reply of above mentioned observations within 15 days and the case shall be taken up after receipt of reply from PP.

264.06 EC for Proposed Project of Kharkhari Sohan Stone Mining at Village Kharkhari Sohan, Tehsil Tosham, District Bhiwani, Haryana (Total area is 5.32 Ha. and Mineable area is 4.62 Ha)” by Sh. Kartik Rathi

Project Proponent : Sh.Virender Sharma
Consultant : P and M Solutions

The Project Proponent submitted the cases to SEIAA vide online Proposal SIA/HR/MIN/422237/2023 dated 17.03.2023 for obtaining Environmental Clearance under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee vide DD No.500701 dated 11.10.2022 of Rs.1,50,000/-. The auto ToR has been granted to the project on 10.11.2022.

The case was taken up in 264th meeting held on 28.03.2023. The PP and consultant presented their case before the Committee and provided following information about the project:

Chronology of this Project:

- The letter of intent was issued by the Department of Mines & Geology, Haryana in favour of M/s Mahadev Enclave Pvt Ltd on 20.04.2022 vide letter no DMG/HY/ML/Kharkhari Sohan/2022/2709.
- Terms of Reference was granted by SEIAA, Haryana vide File no. SEIAA/HR/2022/261 Dated 10.11.2022
- Thereafter, the public hearing was conducted on 22.02.2023 and the final EIA is being submitted to SEIAA, Haryana for Grant of Environment Clearance.
- The District survey report has been approved and the same has been forwarded to SEIAA vide letter no Memo no BWN/Admn.2341 on 27.03.2023.

The Committee after detailed deliberations asked the PP and the consultant to clarify the status of District Survey Report to which the consultant replied that the DSR has been approved and forwarded to SEIAA, Haryana by Mining Officer, Bhiwani on 27.03.2023. The copy of DSR was circulated among the Members present in the meeting as well as to Dr.Rajesh Kumar Sehrawat, Mining Officer, representative from Mining & Geology Department. A detailed discussion was held on DSR and the Committee found it in order. Dr.Rajesh Kumar Sehrawat, Mining Officer, representative from Mining & Geology Department also authenticated the document.

The committee after discussion raised some observations to which PP replied vide letter dated 28.03.2023 as under:

S.No	Query	Reply
1	The budget of EMP to be revised as per the demand of Locals during the Public Hearing.	The Budget of EMP has been revised as per the public hearing. The Same is attached as Annexure -1
2	CSR Budget needs to be Revised	The Revised Budget for CSR is attached as Annexure -2
3	Submission of District Survey Report of Bhiwani	The DSR of District Bhiwani has been approved and forwarded to SEIAA vide letter no Memo no BWN/Admn.2341 on 27.03.2023. Same is attached as Annexure-3
4	Forest NOC	Forest NOC has been issued by the Divisional Forest Officer, Bhiwani vide letter no 928 Dated 16.08.2022. Same is Attached as Annexure-4

5	Irrigation NOC.	The irrigation Noc has been issued by Executive Engineer, Jui Water Services Divison, Bhiwani vide letter no 614-16/1-w Dated 01/02/2023. Annexure -5
6	Status of Wildlife Conservation plan	The Wildlife Conservation Plan has been submitted to the Chief Wildlife warden on 27.03.2022. The Copy of same along with receiving is attached as Annexure-6.
7	Submit Green Belt development plan with time schedule along with location of Plantation.	The green Belt will be developed along with 1.65 km haulage Route, 7.5 m Buffer Zone of the Mining site and along the canal as protective Plantation. The Greenbelt Plan has been Shown in Annexure -7
8	List of Species to be Planted in the Green Belt	The same is attached in in Annexure -7
9	Proponent should develop a pond in the nearby village and the budget should be included in CSR	The Gadoi pond will be developed in Village Kharkhari Sohan UID as per Pond Development authority is 01-HR-BHW-TSM-0039-KHAR-009 Having an total area on 1.5 acres. Cost of Rs 27 lakhs has been included in Revised CSR budget in Annexure-2
10	Proponent should submit water procurement details to meet water demand of project.	The Water for Sprinkling, Dust Suppression and plantation will be procured through private water tankers and Drinking water for labour shall be procured through existing sources in nearby villages. Affidavit in this regard is attached in Annexure-8
11	The Proponent should submit an affidavit with regard to no pending court case, Forest NOC, Wildlife conservation plan, Mining plan.	The affidavit is attached as Annexure-8.
12	The Proponent should Provide Bench Details for the mining site	The Details are attached as Annexure-9.
12	Proponent Should Submit Mining Plan Approval Letter	The Mining Plan approval letter is attached as Annexure-10.
13	Proponent will submit a CA certificate regarding Project Cost.	The CA certificate for the project cost is attached as Annexure-11.

PP has also submitted an affidavit to the observation raised during the Committee stating therein as following:

- 1) That we have been allotted "Kharkhari Sohan Stone Mine at village-Kharkhari Sohan, Tehsil Tosham, District Bhiwani, Haryana area 5.32 ha by the Geology & Mining, Department, Government of Haryana.
- 2) That we have been Issued TOR by SEIAA, Haryana vide letter no SEIAA/HR/2022/261 Dated 10.11.2022.
- 3) That no court case is pending against the said mining project in any court of law.
- 4) That we have submitted the Wildlife Conservation Plan for the Schedule Species to Chief Wildlife Warden, Haryana which is pending for approval and we shall earmark the funds under the budget for the conservation plan as approved by the Wlidlife Warden.
- 5) We shall not undertake any mining activity before the approval of the Conservation Plan.
- 6) Forest NOC has been issued by the Divisional Forest Officer, Bhiwani vide letter no 928 Dated 16.08.2022 (Attached with the reply)
- 7) The irrigation Noc has been issued by Executive Engineer, Jui Water Services Divison, Bhiwani vide letter no 614-16/1-w Dated 01/02/2023.(Attached with the reply)
- 8) The District Survey Report has been approved and the same has been forwarded to SEIAA vide letter no Memo no BWN/Admn.2341 on 27.03.2023.
- 9) That the mining plan has been approved by The Director, Geology & Mining Department, Haryana vide letter no DMG/HY/MP/Kharkhari Sohan/2022/6371-6374 on 18.10.2022.

- 10) That the water for Dust Suppression and Sprinkling will be procured through Private Water tankers.
- 11) The Water for Drinking will be procured from the existing sources in the nearby Villages.
- 12) That we shall install 1 number of High-Volume Dust Sampler for 24 hrs Continuous RSPM sampling.
- 13) That we shall take clarification from the District Town Planner Regarding applicability of Natural Conservation Zone.

Table 1 – Basic Detail

Name of Project: EC for Proposed Project of Kharkhari Sohan Stone Mining at Village Kharkhari Sohan, Tehsil Tosham, District Bhiwani, Haryana (Total area is 5.32 Ha. and Mineable area is 4.62 Ha)” by Sh. Kartik Rathi				
1.	Online Proposal no	SIA/HR/MIN/422237/2023		
2.	Category/Item no. (In Schedule)	1(a) Mining of Minerals (Non-Coal Mining) Category B1		
3.	Area of Project	Lease area 5.32 ha; Mineable Area :4.62 ha		
4.	Date of LOI Granted by Mines & Geology Department, Haryana	20.04.2022		
5.	Date of Approval of TOR by MoEF&CC	10.11.2022		
6.	Date of Approval of mine plan Granted by Mines & Geology Department, Haryana	18.10.2022		
7.	Location of Project	Village Kharkhari Sohan		
8.	Project Details Khasra No	Shamtoo -118 min		
9.	Project Cost	Rs 32,20,50,000/-		
10.	Water Requirement	Activity	Activity	Round off figure in KLD
		Drinking	@ 10 lpcd per labor 10 lt*79/1000=0.79 KLD	0.79
		Dust Suppression	Total approach road to be water sprinkled = 2330 m 305 m*6m*0.5 *2 times/1000= 1.83 KLD	1.83
		Plantation	1750*4L/1000	7.02
		Total		9.64 or 9.7
11.	Environment Management Plan	INR 18.50Lakhs (Capital Cost) INR 10 Lakhs (Recurring Cost)		
12.	CER Budget	62.25 Lakhs		
13.	Production	Stone		
14.	Production Capacity	20,00,000 TPA		
15.	Corner Coordinates	Pillar No.	Latitude	Longitude
		A	28°50'10.73" N	75°55'26.369" E
		B	28°50'7.864" N	75°55'27.253" E
		C	28°50'5.863" N	75°55'29.050" E
		D	28°50'5.042" N	75°55'31.209" E

		E	28°50'7.169" N	75°55'33.667" E			
		F	28°50'10.281" N	75°55'36.300" E			
		G	28°50'12.061" N	75°55'36.928" E			
		H	28°50'13.799" N	75°55'36.667" E			
		I	28°50'15.051" N	75°55'32.223" E			
16.	Green Belt Plantation	1,750 plants					
17.	Machinery Required	Hydraulic Excavator for Loading of mineral, Rock breaker (Hydraulic Excavator) as substitute to secondary blasting, Rear dumpers for transportation of mineral from mine to destination, Drill Machine with compressor of 365 cfm capacity. Track chain Dozer, Pay loader (General Purpose, loading etc.), Water sprinkler, Mobile Maintenance van					
18.	Incremental Load with respect of PM	Locations	Locations Code & Distance w.r.t. site.	Distance & Direction	Background value (98 percentile) in µg/m ³	Incremental GLC in µg/m ³	Total Predicted GLC in µg/m ³
		AAQ-1	Project Site	--	79.15	7	86.15
		AAQ-2	Dhani	2.90 SE	72.92	3.5	76.45
		AAQ-3	Kharkhari Sohan	1.18 NW	78.88	<0.0001	78.88
		AAQ-4	Dang Kalan	6.40 NE	85.12	1.4	86.52
		AAQ-5	Nigana Kalan	6.30 South	78.69	<0.0001	78.69
		AAQ-6	Riwasa	4.80 SE	75.01	1.2	76.21
		AAQ-7	Alampur	7.40 SW	79.19	<0.0001	79.19
		National Ambient Air Quality Standards (NAAQS)					100
19.	Power Requirement	Electric connection will be taken for office and security purpose from Electricity Board					
20.	Power back	DG set					

Details of Site Elevation

Lowest Elevation (mRL)	Highest Elevation
225	285

Geological Reserves

Lease area in Ha.	Total geological reserve MT	Blocked Geological reserve MT (B)	Available Mineable reserves MT (A-B)
5.32	1, 34, 42,820 MT	26,88,564	1,07,54,256

Five years proposed Production details (Tons/Anum)

Year	MTPA
I	20,00,000
II	20,00,000
III	20,00,000
IV	20,00,000
V	20,00,000

List of Machinery

S.No.	Equipment	Size	Nos
1	Hydraulic Excavator for Loading of mineral	3.2cu.m	2
2	Rock breaker (Hydraulic Excavator) as substitute to secondary blasting	1.6 cum	4
3	Rear dumpers for transportation of mineral from mine to destination	35T	20
4	Drill Machine with compressor of 365 cfm capacity.	100-110mm	1
5	Track chain Dozer	350 HP	1
6	Pay loader (General Purpose, loading etc.)	145 HP	1
7	Water sprinkler	10 KL	1
8	Mobile Maintenance van		1
			31

Manpower Details

S.No.	Designation	Category	Nos
1	Mines manager first class	Highly skilled	1
2	Assistant Managers/Foreman	Highly skilled	2
3	Mining Mate cum Blaster	Highly skilled	2
4	Clerical and other staff	Skilled	3
5	Security Guard & Water man	Semi-skilled	3
6	Environment Assistance	Skilled	1
7	Diesel hydraulic shovel operator& back hoe operator	Highly skilled	8
9	Rear dumpers operators	Highly skilled	40
10	Drill operators	Highly skilled	2
11	Track chain Dozer operators	Highly skilled	1
12	Grader	Highly skilled	1
13	Crane	Highly skilled	1
16	Water sprinkler	Skilled	1
17	Maintenance van driver	Skilled	1
18	Tractor operator/driver	Skilled	1
19	Tractor compressor operator	Skilled	1
20	Helpers/labour	Semi skilled	10
	Total		79

Details of Mining

S.no	Particulars	Details
1	Method Of Mining	Fully Mechanized Opencast method
2	Geological Reserves	1, 34, 42,820 MT
3	Mineable Reserves	1,07,54,256
4	Proposed Production	20,00,000
5	Elevation at Mine Site	225 to 285 AMSL
6	Bench Height	9 m
7	Bench width (average)	15-20 Meters

Land use pattern

Sr.no	Details	Existing land use (ha)	At the end of 5th year (ha)	At the end of lease period
1	Pits (Broken Area)	0.0	4.62	0.0
2	Dump	0.0	0.0	0.0
4	Infrastructure	0.0	0.08	0.08
5	Plantation	0.0	0.62	4.02 on benches and along Lease boundary
6	Back filled	0.0	0.0	0.0
7	Water body	0.0	0.0	1.22
	Undisturbed land	5.32	0.0	0.0
	Total	5.32	5.32	5.32

Table 2 – EMP Detail

S. No.	Proposed Actions	EMP Budget (in lakhs)	
		Capital	Recurring
1	Green belt Development	7.00	2.00
2	Haulage Route Development & Maintenance	8.00	2.00
3	Protection of nearby Infrastructure in village and canal	5.00	2.50
4	Pollution Monitoring (Including High-Volume dust Sampler)	2.00	1.00
5	Dust Suppression	2.50	1.50
6	Occupational Health & Safety of mine Workers	2.00	1.00
	Total	18.50	10.00

Social Part of EMP

S. No.	Activities	Fund in Lakhs
1	Improvement and Conservation of GadoiPond in Village Kharkhari Sohan UID as per Pond Development authority is 01HRBHWTSM0039KHAR009. having an total area on 1.5 acres	27.00
2	Construction of toilets in the village/Renovation of toilets in village-Kharkhari Sohan and panchayat.	6.00
3	Skill development program camps like computer learning, sewing etc. in village KharKhari Sohan	6.00
4	Distribution of books, benches, desk, sports kits etc in village KharKhari Sohan.	6.52
5	Putty, whitewash/ painting of rooms & walls of schools of nearby village and panchayat.	10.00
6	Distribution of solar lamp in nearby village KharKhari Sohan	7.00
	Total	62.52

Working Details Including Bench Height & Width

Sr.no	Particulars	Dimensions with unit
1	Final Bench Height and width	9mx10m (with intermediate safety berm)

		of 8 m)
2	Working Bench Width	15-20m
3	Overall Ultimate pit slope	49 ^o
4	Bench Alignment and bench slope	Parallel to each other; 80 ^o
5	Face length	All along the strike length
6	Depth of pit (Below General Ground)	60 m
7	Blast hole diameter	100-110mm
8	Inclination of blast hole	Vertical
9	Width of Haul Road	12m
10	Gradient of haul Road	1 in 16

Status of Statutory Clearances along with Timeline

S. No.	Statutory Clearances	Letter no./date	Status
1	LOI by the Department of Mines and Geology, Haryana	Vide memo no - DMG/HY/ML/Kharkhari, Sohan/2022/2709 , Dated 20-04-2022	Approved/Received
2	DFO Letter, Bhiwani	Vide letter no- 928, dated 16.08.2022	Approved/Received
3	Executive Engineer, Jui water Services, Bhiwani	Vide Letter no-614-16/1-2 Dated 01.02.2023	Approved/Received
4	TOR from SEIAA, Haryana	Vide File no. SEIAA/HR/2022/261 Dated 10.11.2022	Approved/Received

After deliberations the Committee was of the unanimous view that this case should be recommended to the SEIAA for granting **Environmental Clearance till the validity of Mining Plan i. e. for two years from the date of approval of Mining Plan as approved vide letter dated 18.10.2022 by Director General, Mines & Geology Department, Haryana** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations:

A: Specific conditions:-

1. The PP shall get the Wildlife Conservation Plan approved from competent authority before start of Mining Operations.
2. The PP shall get the prior consent of the District Town Planner about the area falling under Aravali range or Natural Conservation Zone as per National Capital Region Planning Board and the Aravali notification dated 07.05.1992 as per Forest NoC issued to the project.
3. The Environmental clearance is granted subject to the Final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of India and any other court of law, if any as applicable to this project.
4. The PP shall construct the pucca link roads to the mining site before the start of mining.
5. The PP shall prepare the Mine safety plan and get it approved from the competent authority before the start of mining
6. The Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers.
7. Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The Project Proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No

- road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.
8. Likewise, Alteration or re-routing of foot paths, pagdandies, cart roads, and village infrastructure public utilities or roads (for purposes of land acquisition for mining) shall be avoided to the extent possible and in case such acquisition is inevitable, alternative arrangements shall be made first and then only the area acquired. In these types of cases, inspection Reports by site visit by experts may be insisted upon which should be done through reputed institutes.
 9. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
 10. The PP shall ensure that the amount as earmarked in EMP Budget for Development and Maintenance of Haulage Route as demanded by the locals during the Public Hearing be spent.
 11. The EMP cost on Socio Economic Activities shall be used at the project site and EMP recurring for the project shall be spent throughout the operation of the project.
 12. Socio Economic Development of the neighbourhood Habitats could be planned and executed by the Project Proponent more systematically based on the 'Need based door to door survey' by established Social Institutes/Workers. The report shall be submitted to the SEIAA on six monthly bases.
 13. 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.
 14. Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented
 15. An independent study be organized during peak activity, to understand how the actual compare with the carrying capacities and further decisions taken to maintain sustainability of this essential stone extraction and supply activity. Project Proponent shall ensure that the road may not be damaged due to transportation of stone.
 - 10 Traffic management plan as submitted shall be implemented in letter and spirit. Apart, 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 marinated and improved upon after the implementation of the project.
 - 11 No tree cutting has been proposed in the instant project. 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. As proposed the plantation in 33% of the total area of project site will be carried out including statutory boundary barrier, Gram Panchayat, nearby schools, hospitals and along the road in consultation with local authority or Govt. Body. Native plant species as suggested by villagers/specialist may be planted.
 - 12 Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The PP shall complete all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing.
 - 13 The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below ground water table, prior approval of the Ministry of Environment, forest and Climate Change and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out; The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry.
 - 14 The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly Vehicles with PUCC only will be allowed to ply. The

- mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centres.
- 15 There shall be planning, developing and implementing facility of rainwater harvesting measures on long terms basis in consultation with Regional Director, Central Groundwater Board and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.
 - 16 Where ever blasting is undertaken as part of mining activity, the Project Proponent shall carry out vibration studies well before approaching any such habitats or other buildings, to evaluate the zone of influence and impact of blasting on the neighbourhood. Within 500 meters of such sites vulnerable to blasting vibrations avoidance of use of explosives and adoption of alternative means of mineral extraction, such as ripper/dozer combination/rock breakers/surface miners etc. should be seriously considered and practiced wherever practicable. A provision for monitoring of each blast should be made so that the impact of blasting on nearby habitation and dwelling units could be ascertained. The covenant of lease deed under Rule 31 of MCR 1960 provides that no mining operations shall be carried out within 50 meters of public works such as public roads and buildings or inhabited sites except with the prior permission from the competent authority
 - 17 The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
 - 18 Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
 - 19 The PP shall take precautions to suppress the dust in and around the mining site. Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
 - 20 Implementation of Haryana Government Rehabilitation and Resettlement of Land Owners' Policy as per applicability in the area.
 - 21 Implementation of Environment Management Policy of the Company w.r.t. judicious use of Mineral resources for growth & development synchronizing mining & environment with prosperity.
 - 22 The Project Proponent shall also take all precautionary measures during mining operation for conservation and protection of endangered flora/fauna, if any, spotted in the study area.
 - 23 The illumination and sound at night at project site, disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponent must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.
 - 24 A comprehensive study for slope stabilization of mine benches and OB dumps shall be undertaken within one year.
 - 25 The PP shall manage the overburden at the mining site if left after sale.
 - 26 Washing of all transport vehicles should be done inside the mining lease.
 - 27 The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.
 - 28 The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project if any and also obtained the CTO from HSPCB after the approval from CGWA
 - 29 Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance
 - 30 The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.

B: Statutory compliance:-

1. This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.

2. The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August,2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors before commencing the mining operations.
3. The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
4. This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.
5. This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.
6. Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish/Consent to Operate from the concerned State Pollution Control Board/Committee.
7. The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS), Mines & Geology Department, Haryana and Indian Bureau of Mines from time to time.. Also adhere to Haryana Minor Mineral Concession, Stocking, Transportation of Minerals and Prevention of Illegal Mining Rules, 2012.
8. The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it.
9. The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No.Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
10. The Project Proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project.
11. A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
12. State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
13. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
14. The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.

I. Air Quality Monitoring and Preservation

1. The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. . PM₁₀, PM_{2.5}, NO₂, CO and SO₂ etc. as per the methodology mentioned in NAAQS

Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.

2. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM₁₀ and PM_{2.5} are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/Central Pollution Control Board.

II. Water Quality Monitoring and Preservation

1. In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
2. Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
3. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
4. The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEF&CC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
5. Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as

well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.

6. Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEF&CC annually.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
8. The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.

III. Noise and vibration monitoring and prevention

1. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
2. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day/night hours.
3. The Project Proponent shall take measures for control of noise levels below 85 dba in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.

IV. Mining Plan

1. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form to Short Term Permit (STP), Query license or any other name.
2. The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules/ Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change and SEIAA for record and verification.
3. The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEF&CC and its concerned Regional Office.

V. Land reclamation

1. The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The topsoil shall be used for land reclamation and plantation.
2. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
3. The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum Progressive Mine Closure Plan.
4. The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/geo-membranes/clay liners/Bentonite etc. shall be undertaken for stabilization of the dump.
5. The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF&CC/SEIAA.
6. Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
7. Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.
8. The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.

VI. Transportation

1. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain

Pollution under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.

2. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

VII. Green Belt

1. The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.
2. The Project Proponent shall carryout plantation/afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/Tribal Welfare Department/Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
3. The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.
4. The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wild Life Warden of the State Govt.
5. And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.

VIII. Public Hearing and Human Health Issues

1. The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be taken. A status report on the same may be sent to MoEF&CC Regional Office and DGMS on half-yearly basis.
2. The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the HRA. The HRA for neighborhood has to focus on Public Health Problems like Malaria, Tuberculosis, HIV, Anaemia, Diarrhoea in children under five, respiratory infections due to bio mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins),

hazard of tobacco and alcohol use. The Proponent shall carry out base line HRA for all the category of workers and thereafter every five years.

3. The Proponent shall carry out Occupational health surveillance which be a part of HRA and include Biological Monitoring where practical and feasible, and the tests and investigations relevant to the exposure (e.g. for Dust a X-Ray chest; For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologic Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) Estimation in Blood; For Inorganic Chromium- Fortnightly skin inspection of hands and forearms by a responsible person. Except routine tests all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must be kept for 30 years, including the results of and the records of Physical examination and tests. The record of exposure due to materials like Asbestos, Hard Rock Mining, Silica, Gold, Kaolin, Aluminum, Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one). X-Ray must meet ILO criteria (17 x14 inches and of good quality).
4. The Proponent shall maintained a record of performance indicators for workers which includes (a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5 -24.9, (b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities ,(c) At the end of their leaving job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1), Forced Vital Capacity (FVC), and the ratio) unless they are smokers which has to be adjusted, and the effect of age, (d) their hearing should not be affected. As a proof an Audiogram (first and last need to be presented), (e) they should not have developed any Persistent Back Pain, Neck Pain, and the movement of their Hip, Knee and other joints should have normal range of movement, (f) they should not have suffered loss of any body part. The record of the same should be submitted to the Regional Office, MoEF&CC annually along with details of the relief and compensation paid to workers having above indications.
5. The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
6. Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.
7. The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.

IX. Corporate Environment Responsibility (CER)

1. The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry's O.M No 22-65/2017-IA. II (M) dated 01.05.2018 or as proposed by EAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.
2. Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the MoEF& CC and its concerned Regional Office.

X. Miscellaneous

1. The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF& CC.
2. The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
3. The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEF&CC and its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
4. A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF& CC.
5. The concerned Regional Office of the MoEF&CC including other authorized organization shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) including other authorized officer by furnishing the requisite data/information.

264.07 EC for Hisar Integrated Manufacturing Cluster (Hisar IMC) at District Hisar, Haryana by Department of Civil Aviation, Haryana

Project Proponent : Not Present
Consultant : Not Present

The Project Proponent submitted the case to SEIAA vide online Proposal SIA/HR/INFRA2/416859/2023 dated 05.02.2023 for obtaining Environmental Clearance under Category 8(b) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee vide DD No.473642 dated 20.05.2022 of Rs.2,00,000/-. The Auto ToR has been granted to the project on 06.06.2022.

The case was taken up in 264th meeting held on 28.03.2023. However, the PP submitted a letter dated 27.03.2023 that due to minor change in internal planning of proposed project, it is intended to withdraw the current proposal. The PP requested to grant acceptance towards withdrawal of subject proposal submitted along with EIA Report. The fresh EIA Report alongwith old ToR letter vide SEIAA/HR/2022/193 shall be submitted for environmental appraisal under the existing guidelines.

The committee after discussion accepted the request of PP for withdrawal of the case and unanimously decided to send the case to SEIAA for withdrawal of the project.
