

Proceedings of 259th meeting of State Expert Appraisal Committee (SEAC) held on 14.09.2023 at 11:00 AM in the Conference Hall no. 2, MGSIPA Complex, Sector-26, Chandigarh.

Following were present:

Sr. No.	Name of SEAC Member	Designation in SEAC
1.	Er. Yogesh Gupta	Chairman
2.	Sh. Pardeep Garg	Member Secretary
3.	Sh. K.L Malhotra	Member
4.	Sh. Anil Kumar Gupta	Member
5.	Sh. Sunil Mittal	Member
6.	Sh. Satish Kumar Gupta	Member
7.	Sh. Pawan Krishan	Member (Through VC)
8.	Sh. Parminder Singh Bhogal	Member
9.	Sh. Preet Mohinder Singh Bedi	Member (Through VC)

Item No. 01: Confirmation of the proceedings of 257th & 258th meeting of State Level Expert Appraisal Committee held on 21.08.2023 & 28.08.2023 respectively.

The proceedings of 257th & 258th meeting of State Level Expert Appraisal Committee held on 21.08.2023 & 28.08.2023 were prepared and circulated through email. The comments of Sh. KL Malhotra, Member SEAC w.r.t the projects of 258th meeting held on 28.08.2023 was received which have been incorporated in the proceedings. SEAC confirmed the proceedings of the 257th & 258th meeting of SEAC.

Item No. 02: Action taken on the proceedings of the 257th & 258th meeting of State Level Expert Appraisal Committee held on 21.08.2023 & 28.08.2023 respectively.

The action taken on the decisions of 257th & 258th meeting of SEAC held on 21.08.2023 & 28.08.2023 respectively, has been completed. SEAC noted the same.

Item No. 259.01: Application for Environmental Clearance for carrying out mining of minor minerals sand at Village Sahuwal , Tehsil Ajnala, District Amritsar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Amritsar. (Proposal No. SIA/PB/MIN/442916/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Amritsar Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the schedule appended with the EIA Notification dated 14.09.2006 for carrying out mining of minor minerals at the mining site of Village Sahuwal , Tehsil Ajnala, District Amritsar, Punjab.

The Department has deposited requisite fee of Rs. 2000/- dated 31.08.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & depositing of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter No. Glg/PB/M.P./Sahawal /2208 dated 23.08.2023.

Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- i) Mr. Paras Mahajan, Asst. Geologist.
- ii) Sh. Gurmeet Singh, SDO, Amritsar, Department of Mines & Geology.
- iii) Mr. Arshad Shaik, Senior Executive Technical M/s Right Source Industrial Solutions Pvt Ltd. (Through VC)

The Committee allowed the Environmental Consultant to present the salient features of the application proposal. Thereafter, the Environmental Consultant presented the case as under:

S.No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/442916/2023, Dated 07 Sep 2023
2.	Project Name & Location	Sahowal Sand Mining Project over an extent of 1.0 hect Sahowal Village, Ajanala Tehsil, Amritsar District, Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Gurmeet Singh Executive Engineer- cum- District Mining Officer Amritsar, Punjab 9464918920, gurmeet.singh871@punjab.gov.in
4	Name of Environmental Consultant, Mobile no. & Email Id	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in
5	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	1(a) Mining of Minor Minerals
6	Details of Mining Lease	

i)	Mineral (s) to be mined	Sand			
ii)	Method of mining	Manual Method			
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS			
iv)	a. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA b. Area of the Mine as per EC application/DSR/Mining plan c. Depth of mining as per EC application/DSR/Mining plan	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
		Mine Capacity in MT	21,502.08	30,317.76	21,502.08
		Mine Capacity in TPA	10,751.04	-	10,751.04
		Mining Area on mining in HA	1.0	1.21	1.0
		Depth of Mining in m	2.88	2.88	2.88
		Note: EC cannot be appraised more than quantity and area mentioned in the approved DSR.			
v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	Reference No: 64- 67/DSR Date of Issue: 05.04.2023			
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: 637 Date of Issue: 18.04.2023 Safe distance from banks (m): 100 Annual rate of replenishment as per the study conducted:			
8	HadBast No.	45			
9	Land Khasra No. & their consent details				
	Sr.No	Type	Khasra No.	Consent details provided (Yes/No)	
	1	Govt Land	-	-	
	2	Private Land	28//22, 36//2, 36//3/1, 28//23/1 (as per proposal)	Submitted, As per Land NOC: Kanwaljit Singh Harinder Singh, Kiranjit Singh, Gurjit Singh As per DSR:	

				Kanwaljit Singh S/o Baljith Singh, Harinder Singh S/o Baljith Singh,
10	Latitude & Longitude			
	S.No.	Corner	Latitude	Longitude
	1	RP	31°55'4.85"N	74°43'51.15"E
	2	A	31°55'5.45"N	74°43'43.34"E
	3	B	31°55'5.47"N	74°43'47.17"E
	4	C	31°55'3.47"N	74°43'45.87"E
	5	D	31°55'3.50"N	74°43'47.20"E
	6	E	31°55'1.56"N	74°43'47.22"E
	7	F	31°55'1.53"N	74°43'43.39"E
11	Does the project involve diversion of forest land? If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof		No	
12	Does the project fall of eco-sensitive area/Nationalpark/Wild Life Sanctuary? If yes, application submitted to NBWL.		No	
13	Cost of the project		Rs.29,56,536 Crores	
14	Environmental Clearance. Fee details		Rs.2000 Vide NEFT No. 324316183719, Dated 31.08.2023.	
15	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.		Submitted	
16	Demarcation report of mining site		Date of demarcation: 21.06.2023 Photographs submitted: Submitted	
17	Workers (when fully operational)		20 Persons.	
18	Water Requirements & source		Domestic: 1.0 KLD (@ 45 lpcd) Other if any 1.60KLD Total: 2.60KLD Ground water/Others: 01 Borwell	
19	Waste water generation, Treatment & its Disposal		i) Quantity of Waste water : 0.80KLD (80% of water requirement) ii) Treatment Method: Septic Tank iii) Mode of Disposal : a) Plantation purpose.:1.10 KLD b) Any other purpose: No	
20	Green Belt Development Plan including no. of trees to be planted & its species.		Tree cutting (if any) : 0 Nos No of plant to be planted: 50 Nos.	

		Funds Allocated (Rs.): 0.50 lacs towards capital cost and 0.050 Lacs towards recurring cost.		
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No		
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DMO will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.		
23	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)
	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance.	10,000	5,000
	2	Plantation and maintenance of 50 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.0Ha x 50 saplings/Ha=50 saplings @ Rs.1000 per sapling.	50,000	5,000
	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000
	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000
	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s))	10,751	-
	6	Regular health check-up camps for the workers engaged in mines shall be organized.	10,000	10,000
	7	Environmental Monitoring (Air, Water Soil etc.).		30,000
		Total	11,0751	59,000
The Executive Engineer, Drainage cum mining & Geology Devison, Amritsar will be responsible for implementation of EMP till the mining activities of the Sahowal mines site closed as per the mining plan.				
24	<p>Other important facts:</p> <p>An undertaking in this regard, declaring the following has been submitted by the Project Proponent.</p> <p>i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up.</p> <p>ii) During the lease period, the deposit will be worked from the top surface to 2.88 m or above ground water table, whichever comes first.</p>			

	<ul style="list-style-type: none"> iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site. iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc. v) No Cluster formation of mining site exists as no other mining site falls within a radius of 500 m from the periphery of proposed site
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During meeting, the Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as approved in the DSR of District Amritsar. As per the said KML file, the proposed area of mining site measuring 1.0 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

After detailed deliberations, SEAC decided to forward the application proposal to SEIAA with the recommendation to grant Environment Clearance under EIA Notification dated 14.09.2006 for carrying out mining of minor minerals (sand) in the area of 1.00 Ha for the quantity of 21,502.08 MT, which shall not exceed the quantity of 30,317.76 MT as per the approved DSR at Village Sahuwal, Tehsil Ajnala, District Amritsar, Punjab subject to the conditions attached as under:

Specific conditions:

- (i) The Environmental Clearance (EC) will be valid for a period of seven years from the date of issuance, as per the provisions of the EIA Notification, 2006 as amended subsequently, for mining of minor minerals in the above said locations and Khasra numbers as per the Mining Plan subject to the availability of minor minerals and valid Mining Plan.
- (ii) The project proponent shall demarcate the mining lease area in the presence of Lambardar of the village, project proponent/ contractor, owner of the land and owner of the adjoining land, Revenue officer & Mining officer, etc. Mining lease area will be demarcated on the ground with pucca pillars with reference to some permanent benchmark before starting any mining activity at site.
- (iii) Mining should begin only after pucca pillar marking the boundary of lease area is erected at the cost of the lease holder after certification by the Mining official and its geo-coordinates are made available to the District Level Committee.
- (iv) Mining shall be carried out through semi- mechanized method as proposed in the mining plan.
- (v) Mining shall be as per the approved Development/Mining Plan prepared for this project and as per the Mines & Mineral (Development & Regulation) Act, 1957 and rules framed there under as amended from time to time, other Acts/rules related with mining of minor minerals.
- (vi) The mining activity shall be carried out strictly as per the Sustainable Sand Mining Management Guidelines 2016, the provisions made in Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by MoEF&CC, New Delhi as amended from time to time and the guidelines issued by the Geological Survey of India.
- (vii) The mining operation will be carried out only from sun-rise to sunset.

- (viii) The project proponent shall earmark at least two tubewells/ borewells/ wells as observation wells in the adjoining area within a radius of 500m of the project site and monthly monitoring of the depth is to be carried out. District Mining Officer is to monitor the same.
- (ix) The project proponent shall obtain Consent to Establish and Consent to Operate from the Punjab Pollution Control Board (PPCB) and effectively implement all the conditions stipulated therein.
- (x) The project proponent shall observe the mining site after every 15 days and in case, a Schedule-I or Schedule-II species as per Wildlife Act or any rare or endangered species are reported, the Mining Officer will get a conservation plan prepared in consultation with the Department of Wildlife and ensure its implementation.
- (xi) The mining of minor mineral (sand) shall be carried out only up to a depth of 3m as proposed in the approved Mining plan or above the groundwater level, whichever is less.
- (xii) The mining shall be carried out by the contractor/lessor as per the Environment Management Plan prepared and development / mining plan prepared as per the Mines & Mineral (Development & Regulation) Act, 1957 / other Acts/Rules related with mining of minor minerals. It shall be ensured that no mining shall be carried out during the monsoon season as defined by the Meteorological department.
- (xiii) The project proponent and Mining officer shall ensure that wherever deployment of labour attracts the Mines Act, the provisions thereof shall be strictly followed.
- (xiv) The project proponent shall undertake plantation/afforestation work by planting native species in the nearby area/ adjacent to the mine lease. It shall be ensured that adequate numbers (as proposed) of trees shall be planted, protected, maintained and established. (Condition no. xx of the specific condition stands deleted).
- (xv) The project proponent shall ensure that effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the ambient air quality parameters conform to the norms prescribed by the Ministry of Environment, Forests & Climate Change (MoEF&CC) /PPCB in this regard.
- (xvi) The project proponent shall undertake adequate safeguard measures during extraction of sand and ensure that due to this activity, the hydro-geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells, if any, and installing new piezometers during the mining operation.
- (xvii) The periodic monitoring of groundwater[(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January)); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority (CGWA) and the data thus collected may be sent regularly to the MoEF&CC and its Regional office at Chandigarh, CGWA, the Regional Director, Central Ground Water Board; SEIAA, Punjab and PPCB. If at any stage, it is observed that the groundwater table is getting depleted or rising due to the mining activity, necessary corrective measures shall be carried out.

- (xviii) The project proponent shall obtain necessary prior permission of the competent authorities/CGWA for drawl of requisite quantity of water (surface water and groundwater), if any, required for the project.
- (xix) In case, mining site falls in the notified block declared by the CGWA, the project proponent shall obtain necessary prior permission for drawl of requisite quantity of water for domestic purposes from District Advisory Committee (DAC) and only use treated waste water for dust suppression activities.
- (xx) Adequate numbers (as proposed) of trees shall be planted, protected, maintained and established in vacant area in the village near the mining site.
- (xxi) Appropriate mitigation measures shall be taken by the project proponent to prevent pollution at the mining site in consultation with the PPCB. It shall be ensured that there is no leakage of oil and grease at the mining site from the vehicles/mining equipment used for transportation.
- (xxii) Vehicular emissions shall be kept under control and regularly monitored. The project proponent shall ensure that, as far as possible, the transportation route will be away from the habitation area and will not pass through any village. The transportation hours of mined material shall be restricted to non-peak hours only.
- (xxiii) The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. All the public roads as well as approach roads shall be maintained and it shall be ensured that the tippers carrying mined material are not loaded beyond the permissible load as per the designed load bearing capacity of the road. Moreover, provision of sufficient funds shall be made in the budget for the proper maintenance of the roads.
- (xxiv) A first aid room shall be provided in the project both during construction and operations of the project.
- (xxv) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- (xxvi) Provision shall be made for the housing of workers, if residing at site, 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. In case of non-residential/daily workers, provision of adequate bath rooms, mobile toilets, and mobile STP shall be made to avoid open defecation and treated domestic effluent shall be discharged onto the land for plantation.
- (xxvii) The municipal solid waste generated shall be disposed of as per Solid Waste Management (SWM) Rules 2016. Segregation of bio-degradable and non-biodegradable wastes shall be done at site and disposed of as per provisions of SWM Rules. Dustbins will be provided at site and the workers will be guided to put all the waste in these dustbins. if any, in the dustbin. No littering will be permitted at the site as well as in the vicinity.
- (xxviii) The critical parameters such as Respirable Suspended Particulate Matter(RSPM) (Particulate matter with size less than 10 microns i.e., PM10) and Nitrogen oxides (NOx) in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored [(Total Dissolved Solids(TDS), Dissolved

Oxygen(DO), pH, Faecal Coliform and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by MoEF&CC, which is available at www.envfor.nic.in shall also be referred in this regard for its compliance.

- (xxix) The project proponent shall take all precautionary measures during mining operation for conservation and protection of rare and endangered flora & fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab.
- (xxx) Vehicles hired to be used for transportation of mined material should be in good condition and should conform to the applicable air and noise emission standards as provided in the Motor Vehicles Act,1988.
- (xxxi) Ambient noise levels should conform to the prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored.
- (xxxii) The risk assessment and disaster management plan should be prepared.
- (xxxiii) The project proponent shall submit the site plan showing the earmarked area for storage of mined material.
- (xxxiv) No mining operation shall be carried out at any point within 75 m of railway line, 60 m from national highway, 50 m from HT line/any public works/reservoirs, tanks/canal/public roads and buildings or inhabitations or 10 m of outer edge of any village road. A safety barrier of 7.5m width shall be left intact around the mine lease boundary.
- (xxxv) The project proponent shall ensure the implementation of the post-closure mining plan as proposed by the project proponent in the Mining plan.
- (xxxvi) The project proponent shall comply with the condition imposed by District Forest Officer (DFO) while granting NOC.

General Conditions:

- (i) No change in mining technology and scope of working should be made without prior approval of the MoEF&CC.
- (ii) No change in the calendar plan including excavation, quantum of mineral sand/gravel (minor mineral) and waste should be made.
- (iii) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM) and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the PPCB.

- (iv) Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM) & NOx should be regularly submitted to the MoEF&CC including its Regional office located at Chandigarh and the PPCB / Central Pollution Control Board (CPCB) once in six months and SEIAA, Punjab.
- (v) Personnel working in dusty areas should wear protective respiratory devices and should be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- (vi) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a senior executive, who will report directly to the head of the organization.
- (vii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the MoEF&CC and its Regional office located at Chandigarh and SEIAA, Punjab.
- (viii) The project proponent should inform to the Regional Office of MoEF&CC located at Chandigarh and SEIAA, Punjab regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (ix) The Regional office of MoEF&CC located at Chandigarh and PPCB 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.
- (x) The project proponent shall submit six-monthly reports on the status of compliance of the stipulated environmental clearance conditions including the results of monitored data (both in hard copies as well as by e-mail) to the MoEF&CC, its Regional office Chandigarh, the respective Zonal Office of CPCB , PPCB, and SEIAA, Punjab. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office MoEF&CC, Chandigarh, the respective Zonal Office of CPCB and PPCB, and SEIAA, Punjab.
- (xi) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xii) The project proponent should display a copy of the clearance letter at the Regional office, District Industries Centre and the Collector's office/ Tehsildar's office.
- (xiii) The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the PPCB (as prescribed under the Environment (Protection) Rules, 1986 amended from time to time), shall also be put on the website of the company along with the status of compliance of environmental clearance conditions. In addition, it shall also be sent to the Regional office of the MoEF&CC, Chandigarh and SEIAA, Punjab by e-mail.

- (xiv) The project proponent shall adhere to the commitments made in the Environment Management Plan.
- (xv) Within seven days of the issuance of EC, the project proponent shall prominently advertise (in at least two local newspapers of the District or State, of which one shall be in the vernacular language) that the project has been accorded Environmental Clearance along with the details of MoEF&CC/SEIAA website where it is displayed.
- (xvi) The MoEF&CC and SEIAA, Punjab or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- (xvii) The SEIAA may cancel the EC granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this EC, it is found/ come to the knowledge of the SEIAA that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the EC.
- (xviii) The project proponent shall get the micro chemical analysis of the mined material done from an approved laboratory once in a year and shall submit the analysis results to the MoEF&CC/PPCB and SEIAA, Punjab.
- (xix) The project proponent shall ensure that the contractor shall engage people of local area for mining purpose as far as possible, so as to have opportunities of employment for them.
- (xx) The project proponent may apply for transfer of EC under EIA notification dated 14.09.2006 to the other contractor finalized by the Department of Mines & Geology to SEIAA, Punjab. However, no activity shall be undertaken by the contractor till the EC is transferred in his name and he is lawfully bound to comply with the conditions of the EC
- (xxi) The monitoring of the mining project in respect of environment management shall be carried out by the State/District Level Environment Management Cells constituted by the Govt. of Punjab vide notifications dated 03.12.2012.
- (xxii) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days.

Additional Conditions:

- (i) The quantities of minor minerals already extracted (if any) in the 3-month window provided for commencing mining operations pending the grant of ECs shall be accounted for and included in the total quantity extracted vis-à-vis quantities permitted in the ECs.

Item No. 259.02: Application for Environmental Clearance for carrying out mining of minor minerals sand at Village Jasraur , Tehsil Ajnala, District Amritsar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Amritsar. (Proposal No. SIA/PB/MIN/442325/2023)

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Amritsar Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the schedule appended with the EIA Notification dated 14.09.2006 for carrying out mining of minor minerals at the mining site of Village Sahuwal , Tehsil Ajnala, District Amritsar, Punjab.

The Department has deposited requisite fee of Rs. 2000/- dated 31.08.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & depositing of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide letter No. Glg/PB/M.P./Jasraur /2116 dated 14.08.2023

Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- i) Mr. Paras Mahajan, Asst. Geologist.
- ii) Sh. Gurmeet Singh, SDO, Amritsar, Department of Mines & Geology.
- iii) Mr. Arshad Shaik, Senior Executive Technical M/s Right Source Industrial Solutions Pvt Ltd. (Through VC)

The Committee allowed the Environmental Consultant to present the salient features of the application proposal. Thereafter, the Environmental Consultant presented the case as under:

S.No.	Item	Details
1.	Online Proposal No. and date of submission	SIA/PB/MIN/442325/2023, Dated 07 Sep 2023
2.	Project Name & Location	Jasraur Sand Mining Project over an extent of 1.02 hect Village: Jasraur, Tehsil: Ajnala, District: Amritsar, State: Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Gurbir Singh, Executive Engineer- cum- District Mining Officer Amritsar, Punjab 9464918920, gurmeet.singh871@punjab.gov.in
4	Name of Environmental Consultant, Mobile no. & Email Id	Right Source Industrial Solutions Pvt. Ltd 8977495343 eiaemp@rightsource.co.in
5	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals
6	Details of Mining Lease	

vi)	Mineral (s) to be mined	Sand				
vii)	Method of mining	Manual Method				
viii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agriculture land, PMS				
ix)	d. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA e. Area of the Mine as per EC application/DSR/Mining plan f. Depth of mining as per EC application/DSR/Mining plan	Description	As per the EC application	As per the approved DSR	As per the Mining Plan	
		Mine Capacity in MT	21,297.6	21,297.6	21,297.6	
		Mine Capacity in TPA	10,648.8	-	10,648.8	
		Mining Area on mining in HA	1.02Ha.	1.02Ha.	1.02Ha.	
		Depth of Mining in m	2.4	2.4	2.4	
		Note: EC cannot be appraised more than quantity and area mentioned in the approved DSR				
x)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	Reference No: Not Mentioned Date of Issue: Validity of LOI: Mining Lease Area: Mining Quantity:				
7	Details of Final District Survey Report	Approved by : SEIAA Reference No: 637 Date of Issue: 18.04.2023 Safe distance from banks (m): 100 Annual rate of replenishment as per the study conducted:				
8	HadBast No.	147				
9	Land Khasra No. & their consent details					
	Sr.No	Type	Khasra No		Consent details provided (Yes/No)	
	1	Govt Land				
2	Private Land	107/8, 107/3, 107/2 (as per proposal)		Yes, Balbir Singh		
	Sr. No.	Proposed Village name for sand mining	Tehsil name as per	Tehsil name as per Wildlife NOC in Sub	Tehsil name as per Annexure V in approved DSR.	

			proposal & Consent.	Divisional Committee Report of approved DSR.	
	1	Jasraur	Lopoke	Lopoke	Ajnali
	There is a discrepancy in the name of tehsil mention in the approved DSR at Annexure V (Pg. 142) which does not match with the name of tehsil mentioned in the Sub-Divisional Committee Report (Pg. 305) for the concerned sand mining Site.				
10	Latitude & Longitude				
	S.No.	Corner	Latitude	Longitude	
	1	A	31°49'36.62"N	74°38'1.51"E	
	2	B	31°49'38.67"N	74°38'1.52"E	
	3	C	31°49'38.63"N	74°38'5.95"E	
	4	D	31°49'34.75"N	74°38'6.01"E	
	5	E	31°49'34.73"N	74°38'4.42"E	
	6	F	31°49'36.59"N	74°38'4.41"E	
11	Does the project involve diversion of forest land? If yes, a. Extent of the forest land. b. Status of the forest clearance. If No, submit documentary proof		No		
12	Does the project fall of eco-sensitive area/ National park/Wild Life Sanctuary? If yes, application submitted to NBWL.		No		
13	Cost of the project		Rs.29,28,420.00 Crores		
14	Environmental Clearance. Fee details		Rs.2040 Vide NEFT No.324316185889, Dated 31.08.2023.		
15	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.		Submitted		
16	Demarcation report of mining site		Date of demarcation: 21.11.2022 Nos of Burjis made: Not Mentioned Photographs submitted: Yes, Submitted		
17	Workers (when fully operational)		20 Persons.		
18	Water Requirements & source		Domestic: 1.0 KLD (@ 45 lpcd) Other if any 1.60KLD Total: 2.60KLD Ground water/Others: 01 Borwell		
19	Waste water generation, Treatment & its Disposal		i) Quantity of Waste water : 0.80KLD (80% of water requirement)		

		ii) Treatment Method: Septic Tank iii) Mode of Disposal : a) Plantation purpose.:1.10 KLD b) Any other purpose: No																																				
20	Green Belt Development Plan including no. of trees to be planted & its species.	Tree cutting (if any) : 0 Nos No of plant to be planted: 51Nos. Funds Allocated (Rs.): 0.51 lacs towards capital cost and 0.051 Lacs towards recurring cost.																																				
21	Whether any High Transmission wires is passing over the proposed mining site (yes/No)	No																																				
22	Environment Management Plan along with Budgetary breakup and responsibility to implement	XEN/DM will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.																																				
23	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Environment mitigation measure</th> <th>Capital Cost (In Rs.)</th> <th>Recurring Cost (Rs./annum)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance</td> <td>10,000</td> <td>5,000</td> </tr> <tr> <td>2</td> <td>Plantation and maintenance of 51 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.02 Ha x 50 saplings/Ha=51 saplings @ Rs.1000 per sapling.</td> <td>51,000</td> <td>51,00</td> </tr> <tr> <td>3</td> <td>Drinking water facility, Septic Tank & Mobile toilets and solid waste management</td> <td>20,000</td> <td>5,000</td> </tr> <tr> <td>4</td> <td>Safety equipment's such as gloves, mask, helmet, First aid kit etc.</td> <td>10,000</td> <td>4,000</td> </tr> <tr> <td>5</td> <td>Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*10648.8*2)</td> <td>10,649</td> <td>-</td> </tr> <tr> <td>6</td> <td>Regular health check-up camps for the workers engaged in mines shall be organized.</td> <td>10,000</td> <td>10,000</td> </tr> <tr> <td>7</td> <td>Environmental Monitoring (Air, Water Soil etc.).</td> <td></td> <td>30,000</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total</td> <td>1,11,649</td> <td>59,100</td> </tr> </tbody> </table>	Sr. No	Environment mitigation measure	Capital Cost (In Rs.)	Recurring Cost (Rs./annum)	1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	10,000	5,000	2	Plantation and maintenance of 51 saplings through State Forest Department under Green Punjab Mission: Plantation cost 1.02 Ha x 50 saplings/Ha=51 saplings @ Rs.1000 per sapling.	51,000	51,00	3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	20,000	5,000	4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	10,000	4,000	5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity) (The amount may be deposited to Forest Department for utilization of the same for development of green area (s)/belt(s)) (0.5*10648.8*2)	10,649	-	6	Regular health check-up camps for the workers engaged in mines shall be organized.	10,000	10,000	7	Environmental Monitoring (Air, Water Soil etc.).		30,000	Total		1,11,649	59,100	
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24	Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility	No details have been submitted.																																				
25	Other important facts:																																					

	<p>An undertaking in this regard, declaring the following has been submitted by the Project Proponent.</p> <ul style="list-style-type: none">i) No court case/litigation is pending before any court of Law against the project and/or land in which the project is proposed to be set up.ii) During the lease period, the deposit will be worked from the top surface to 2.88 m or above ground water table, whichever comes first.iii) No Stream Mining shall be allowed. The operation will be done only from sun rise to sun set hence there will be no power requirement for the project at site.iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc.v) No Cluster formation of mining site exists as no other mining site falls within a radius of 500 m from the periphery of proposed site
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During meeting, the Department informed that they would like to withdraw the proposal due to some administrative reasons and further requested to defer the proposal. The Department has also submitted their request in this regard vide letter dated 14.09.2023. The Committee took a copy of the same on record.

The SEAC decided to send the case to SEIAA for allowing the Project Proponent to withdraw their application.

Item No. 259.03: Application for Environmental Clearance for carrying out mining of minor minerals (sand) by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division at Village-Malewal; Tehsil Distt. Rupnagar (SIA/PB/MIN/421294/2023).

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division has applied for obtaining Environmental Clearance under category B2 and 1(a) of the Schedule appended with the EIA notification dated 14.09.2006 for carrying out mining of minor minerals (sand) at the mining site of Village-Malewal; Tehsil Distt. Rupnagar (SIA/PB/MIN/421294/2023).

The Department has deposited requisite fee of Rs. 9480/-vide reference no. CMS/001161290235 dated 06.03.2023 for obtaining Environmental Clearance for carrying out mining in the above mining site. The adequacy & deposition of the requisite fee by the applicant has been checked & verified by the supporting staff of SEIAA. The Mining Plan was approved by Assistant Geologist, Punjab vide Letter No. Glg/Pb/M.P/Malewal/342 dated 3.2.2023. The approval under FCA or NBWL is not applicable.

Deliberations during 243rd meeting of SEAC held on 03.04.2023.

The meeting was attended by the following:

- (i) Mr. Rupinder Singh, Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division, Rupnagar.
- (ii) Mr. Sandeep Garg, Environmental Consultant M/s Eco Laboratories Pvt Ltd.

The Committee allowed the Department & Environmental Consultant to present the salient features of the application proposals. Thereafter, the Environmental Consultant present the cases as under:

Location of the site	Area (ha.)	Quantity proposed (MT)	Area of the Mining Lease (ha.)	Quantity from lease area (TPA)	Whether Site falls in any cluster, if yes (code/area)	Area of the leased-out area (ha.)	Quantity Leased (MT)
Village-Malewal, Tehsil Shri Chamkaur Sahib & District Rupnagar.	4.23	44863.31	4.74	52554	No	Nil	Nil

The Committee perused the application proposals of Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar Division for carrying out mining of minor minerals (sand) at the aforementioned mining sites. The Committee observed that the mandatory information required to appraise the applications are missing and there are certain shortcomings in the application proposals which needs to be rectified/provided.

After detailed deliberations, SEAC informed the proponent about these shortcomings in the proposal and decided to defer all the cases, till the receipt of the reply to the following observations made during the meeting.

- (i) The Department shall submit the synopsis/summary in an annotated form pertaining to the following mandatory information for each of the mining sites:
 - a) Category of the Project as per the EIA notification dated 14.09.2006.
 - b) Hadbast No. of the Village
 - c) Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal
 - d) Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be earmarked in the KML file with different color.
 - e) Longitude & Latitude of the mining site.
 - f) Details of cluster formation
 - g) Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)
 - h) Whether demarcation/erection of boundary pillars on the site has been done.
 - i) Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be.
 - j) Salient features of approved mining plans
 - k) Method of mining
 - l) No. of workers on the site when fully operational
 - m) Total water requirement for domestic and other usage and its source
 - n) Waste water generation and its disposal
 - o) Information regarding nos of truck/trollies per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with proper earmarking of katcha,pakka road and ROW.
 - p) Activities to be undertaken under EMP along with its cost.
 - q) Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.

- (ii) The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.
- (iii) The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.
- (iv) The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.
- (v) In case, the proposed mining site does not include in a cluster, the Department shall earmark on the KML file, the distance from the nearest mining site.
- (vi) The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts
- (vii) The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:
 - a. Developing mini forests (Nanak Bagichi), urban forests, green belts, biodiversity parks etc., raising of avenue plantations and plantations in public/community areas/ educational institutions/Govt. buildings/banks of rivers/cantonment areas or any other land made available by the Govt. agencies and other institutions either by the Project Proponent itself or through the State Forest Department.
 - b. Cleaning and rejuvenating village ponds, water bodies, wetlands, storm drains etc. (treatment of village sewer pond using PPCB and other approved scientific models), such as: (i) Action Plan for Rejuvenation of Ponds (<https://ppcb.punjab.gov.in/sites/default/files/documents/Action-Plan-forRejuvenation-of-Ponds-31.03.20.pdf>) (ii) Guidelines for restoration of Water Bodies (<https://ppcb.punjab.gov.in/sites/default/files/documents/Indicative%20Guidelines%20for%20Restoration%20of%20Water%20Bodies%20by%20CPCB.pdf>), and (iii) Technical Committee Report on wastewater treatment (<https://ppcb.punjab.gov.in/sites/default/files/documents/Report%20of%20Technical%20Committee%20For%20Treatment%20of%20wastewater%20of%20Village%20Pond.pdf>)
 - c. Developing infrastructure for (i) Utilizing treated effluent of STPs (double plumbing, construction work roadside sprinkling (ii) Reusing STP/ETP sludge as farmyard manure (FYM) or 'other activities approved by CPCB/PPCB/MoEF&CC, and (iii) Replacing soakage pits and/or providing septic tanks in government education institutions and other government buildings/projects.
 - d. Provisioning solar panels/lights and other energy saving electric devices/equipment's including LED bulbs etc. in the government/municipal/other public schools, hospitals and dispensaries etc. or in other public buildings.

- e. Provisioning Roof top rainwater harvesting (RWH) and other water/groundwater conservations activities in the government/ municipal/ other public schools, hospitals and dispensaries etc. or in other public buildings.
- f. Provisioning Solid waste management including composting/vermi-composting, authorized approaches of reuse & recycle, Material Recovery Facility (MRF) to reach zero waste condition, etc.
- g. Developing and establishing alternatives to the single use plastic (SUP) and plastic carry bags.
- h. Ameliorating air, water, soil & noise pollution as prescribed in the applicable District Environment Plan (DEP) <https://decc.punjab.gov.in/> where gaps exist and which are not the statutory responsibility of government departments / agencies, including need based environmental activities as proposed by the project proponent/their accredited consultants based on site-specific field surveys of the project and nearby areas and approved by SEIAA/SEAC/PPCB.
- i. Preparing Peoples Biodiversity Register (PBR) at all levels (District, block & village) and conserving state's biodiversity heritage sites (BHS), Eco zones, Hotspots, Wildlife & bird sanctuaries, etc.
- j. Organizing environmental awareness activities/celebrations/programmes, preparing and distributing resource material for abatement and control of pollution and restoration of environment of Punjab and approved by SEIAA/SEAC/PPCB/academic experts.
- k. Suppressing dust by using vacuum cleaners, sprinklers, fountains, misting machines/vehicles/artificial rain etc.
- l. Managing waste in scientific and environmentally sound manner including establishment of recovery facilities of e-waste, construction and demolition waste, plastic waste, toxic/hazardous waste, bio-medical waste, industrial wastes, dairy/Gaushala waste etc.
- m. Promoting and developing eco-tourism areas/activities, green buildings, agriculture diversity, organic/natural farming/herbal/medicinal/botanical gardens, electric vehicles, cleaner fuels, biodegradable materials, etc.
- n. Controlling and managing (In-situ/Ex-situ) stubble burning (Parali) in Punjab.
- o. Developing clean and innovative technologies for reducing water, air and solid waste pollutants including reuse and recycling of resource materials.
- p. Restoration of damage to link road/village road due to mining activity.

Deliberations during 244th meeting of SEAC held on 17.04.2023.

The meeting was attended by the following:

- (i) Mr. Rajat Grover, District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar & Anandpur.
- (ii) Mr. Sandeep Garg, Environmental Consultant M/s Eco Laboratories Pvt Ltd.

SEAC allowed the Department & Environmental Consultant to present the ADS reply of the observations raised by SEAC in its 243rd meeting of SEAC held on 03.04.2023. Thereafter, the Environmental Consultant presented the salient features of the mining site as under:

1. Brief Summary of the Sand Mining Project Malewal (Distt. Rupnagar)

i)	NameofApplicant&Correspondenceaddress: MobileNo:EmailID:	Rupinder Singh Pabla XEN/DMO, Drainage-um-mining and Geology Division, WRD, Punjab, Room No. 145, D.C. Complex, Mini Secretariat, Rupnagar, 9878688998
ii)	NameofEnvironmentalConsultantMobileNo. EmailID	Eco Paryavaran Laboratories & Consultants Pvt. Ltd. 9814003103, 0172461622 md@ecoparyavaran.org
iii)	Online Proposal No.	SIA/PB/MIN/421294/2023
iv)	Project Name & Location	RBM Sand Mining Project Village: Malewal Tehsil- Shri Chamkaur Sahib District- Rupnagar, State Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

2. Details of the mining project are as under:

S.No.	Item	Details
a.	Category of the Project as per the EIA notification dated 14.09.2006	B2
b.	Hadbast No. of the Village	107
c.	Khasra No. of the proposed mining site as per DSR viz a viz Khasra no. of mining site as per proposal	107-20//19, 20, 21, 22, 107-21//6/1, 7, 14, 15, 16, 17, 25, 107-23//2,107-24//3, 4, 7, 108-53//6, 108-53//4, 5

d.	Whether the mining area is less than area mentioned in the DSR, (If yes) the proposed mining area shall be earmarked in the KML file with different color.	NO
d.1	Area details as per Mining plan and as per DSR	4.74 ha as per proposal and 4.23 ha as per DSR
e.	Longitude & Latitude of the mining site	
	PIT 1	
	Pillar No.	Latitude
	Longitude	
	1	30°57'38.18"N
	2	76°22'39.71"E
	3	30°57'37.34"N
	4	76°22'42.84"E
	5	30°57'36.45"N
	6	76°22'42.84"E
	7	30°57'36.43"N
	8	76°22'44.22"E
	9	30°57'34.47"N
	10	76°22'44.20"E
	11	30°57'34.41"N
	12	76°22'49.24"E
	1	30°57'29.32"N
	2	76°22'49.17"E
	3	30°57'30.11"N
	4	76°22'46.65"E
	5	30°57'30.53"N
	6	76°22'46.66"E
	7	30°57'30.53"N
	8	76°22'45.32"E
	9	30°57'31.66"N
	10	76°22'41.86"E
	11	30°57'33.08"N
	12	76°22'40.93"E
	PIT-II	
	1	30°57'30.35"N
		76°23'1.82"E

		2	30°57'30.35"N	76°23'4.51"E	
		3	30°57'29.48"N	76°23'9.41"E	
		4	30°57'26.82"N	76°23'9.34"E	
		5	30°57'29.24"N	76°23'1.79"E	
f.	Details of cluster formation	No cluster is formed			
g.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted			
h.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 24-12-2022. Copy of demarcation report submitted.			
i.	Status of clearance under Forest Conservation Act, 1980, Wildlife Protection Act 1972 as the case may be	No forest land is involved. Further, site does not fall in the eco-sensitive zone of wildlife sanctuary and conservation reserves.			
j.	Salient features of approved mining plans	Date of approval-		03-02-2023	
		Total Quantity-157662 tonnes			
k.	Method of mining	Semi-mechanized			
l.	No. of workers on the site when fully operational	28			
m.	Total water requirement for domestic and other usage and its source	Domestic: 1.3 KLD Dust Suppression: 1.4 KLD Total: 2.70 KLD			
n.	Waste water generation and its disposal	Approx. 1.04 KLD of domestic waste water will be generated which will be treated in proposed septic tank, overflow of which will be used for green area.			
o.	Information regarding nos of truck/trollies per day for carrying the excavated material on the proforma prescribed in the DSR and map showing the transportation route with	20 Tractor trollies per day Transportation route map submitted.			

	proper earmarking of katcha, pakka road and ROW.																			
p.	Activities to be undertaken under EMP along with its cost.	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>Total Cost to be Incurred (in Rs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Sprinkling Measures</td> <td>50,000</td> </tr> <tr> <td>2</td> <td>Haul Road and other Roads Repair</td> <td>50,000</td> </tr> <tr> <td>3</td> <td>Greenbelt Development (with tree guards)</td> <td>63,500</td> </tr> <tr> <td>4</td> <td>CER/CSR</td> <td>2,36,500</td> </tr> <tr> <td></td> <td>TOTAL</td> <td>4,00,000</td> </tr> </tbody> </table>	S. No.	Description	Total Cost to be Incurred (in Rs)	1	Water Sprinkling Measures	50,000	2	Haul Road and other Roads Repair	50,000	3	Greenbelt Development (with tree guards)	63,500	4	CER/CSR	2,36,500		TOTAL	4,00,000
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q.	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the proposed mining site																		

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.	No trees would be felled during mining activity
ii)	The Department shall earmark, on the KML file, the distance from the habitation area from sand mining site. The Department shall certify that the same is in consonance with the existing guidelines allowing the Department for carrying out the mining near the habitation area.	Distance from nearest habitation is 1Km.
ii)	The Department shall earmark, on the KML file, the distance from	Distance from Minor Bridge 6.27 towards South East

	the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Major Bridge 10.86 km towards north east.															
iv)	In case, the proposed mining site does not include in a cluster, the Department shall earmark on the KML file, the distance from the nearest mining site.	Distance from the nearest mining site ADB Rail 6.83 Km towards North-east.															
v)	The Department shall outline the environmental impact of the mining operations carried out at site. The Department shall also mention the mitigation measures proposed for mitigating the environmental impacts	The key impact areas for mining operations are: Air, land, water, noise etc. Impacts identified for the said mining site along with the proposed mitigation measures submitted.															
vi)	The Department/Project Proponent shall include in the EMP, the additional environmental activities to be undertaken by incurring expenditure @ Rs. 0.50/ton of the total quantity permitted for mining in ECs in case of manual mining and @ Rs. 1.50/ton in case of semi-mechanized mining. Any of the following additional environmental activities may be undertaken as a part of EMP:	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Proposed Activities</th> <th>Capital Cost (in Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Environmental Awareness Programmes</td> <td>1,00,000</td> </tr> <tr> <td>2</td> <td>Solar lights installation in village-Aalawal (15 No.)</td> <td>80,000</td> </tr> <tr> <td>3</td> <td>Construction of RWH pit at Government Primary School, Aalawal</td> <td>56,500</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>2,36,500</td> </tr> </tbody> </table>	S. No.	Proposed Activities	Capital Cost (in Rs.)	1	Environmental Awareness Programmes	1,00,000	2	Solar lights installation in village-Aalawal (15 No.)	80,000	3	Construction of RWH pit at Government Primary School, Aalawal	56,500	Total		2,36,500
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Total		2,36,500															

After detailed deliberations, SEAC decided to defer the case till the reply of the below mentioned observations.

- (i) The Department shall submit the copy of the NOC (Affidavit) of the land, duly attested by the Notary Public.
- (ii) The Department shall submit the revised details of the land area bearing khasra no. for the proposed mining site.

- (iii) The Department shall submit the revised EMP by including activities such as water sprinkling on the haulage/link road to mitigate the dust emissions, construction of temporary toilets and septic tank for the workers, solid waste management, green belt development etc.
- (iv) The Department shall submit the details of the length of metalled & unmetalled (katcha) road along with their width, proposed to be used for transporting the excavated material from the mining site.
- (v) The Department shall submit the photographs of the site duly indicating demarcation with boundary pillars and submit DGPS Map showing the coordinates of each corner of the site.

Deliberations during 252nd meeting of SEAC held on 17.07.2023.

The meeting was attended by the following:

- (i) Mr. Sukhpal Singh, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar.
- (ii) Mr. Sandeep Garg, Environmental Consultant, M/s Eco Laboratories Pvt Ltd.

The Committee allowed the Department & Environmental Consultant to present the reply of the aforementioned observations. Thereafter, the Environmental Consultant presented the reply as under:

Sr. No	Observation	Reply	
1.	The Department shall submit the copy of the NOC (Affidavit) of the land, duly attested by the Notary Public.	Submitted.	
2.	The Department shall submit the revised details of the land area bearing khasra no. for the proposed mining site		
	Khasra No.	Area as per DSR	Area as per mining plan (Ha.)
	107-20//19, 20, 21, 22, 107-21//6/1, 7, 14, 15, 16, 17, 25, 107-23//2, 107-24//3, 4, 7, 10853//6, 108-53//4, 5	10.83	4.74

3.

The Department shall submit the revised EMP by including activities such as water sprinkling on the haulage/link road to mitigate the dust emissions, construction of temporary toilets and septic tank for the workers, solid waste management, green belt development etc.

S. No	Description	Total Cost to be Incurred (in Rs)
1.	Water Sprinkling Measures to be done on haul road to suppress dust including Haul Road and other Roads Repair	4,00,000
2.	Septic tank & Mobile toilets and Solid Waste	65,000
3.	Greenbelt Development (with tree guards)(Plantation cost 4.74 Ha x 50 saplings/Ha= 237 saplings @ Rs.1000 per sapling)	2,37,000
4.	Management Safety shoes/ Masks/ Earplugs/ First Aid Kit etc	20,000
5.	Additional Environmental Responsibilities (Rs. 1.5 per MT of Total quantity= 157662*1.5)	2,36,500
	TOTAL	9,58,500

4

The Department shall submit the details of the length of metalled & unmetalled (katcha) road along with their width, proposed to be used for transporting the excavated material from the mining site.

Submitted.

5

The Department shall submit the photographs of the site duly indicating demarcation

Submitted.

	with boundary pillars and submit DGPS Map showing the coordinates of each corner of the site.	
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The Committee observed that the amended DSR of District Rupnagar has been submitted by the Department to SEIAA and the same is recommended by the SEAC for approval. Therefore, the case cannot be decided in absence of the approved DSR of District Rupnagar.

After detailed deliberations, SEAC decided to defer the case till the Department submitted the approved & amended DSR of District Rupnagar.

Now, the Project Proponent has submitted reply of the aforementioned observation raised by SEAC in its 252nd meeting of SEAC held on 17.04.2023, which is attached as **Annexure-B**.

Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Mr. Sukhpal Singh, SDO, Drainage-cum-Mining & Geology Division, Water Resources Department, Rupnagar.
- (iii) Ms. Harman Kaur, Environmental Consultant, M/s Eco Laboratories Pvt Ltd.

During meeting, the Committee observed that the details of the proposed mining site w.r.t mining area of 4.74 Ha are not matching with the details mentioned in the approved DSR of District Roopnagar. The Project Proponent could not clarify the queries raised by the Committee. After detailed deliberations, SEAC decided to defer the case till the reply of the below mentioned observations:

- i) The Project Proponent shall match the details of proposed mining site with the approved DSR.
- ii) The Project Proponent shall submit the layout plan by superimposing the proposed mining area with the area approved in the DSR in different colors.
- iii) The Project Proponent shall provide the details in the proforma as prescribed by SEIAA.
- iv) The Project Proponent shall submit a certificate certifying that NOC for the Land bearing Khasra No. of the mining area as per the proposal has been duly received from the concerned land owners, demarcated on site and are in consonance with the latest revenue records of the village.

Item No. 259.04: Application for Environmental Clearance under EIA Notification dated 14.09.2006 for expansion of steel manufacturing unit located at Village Talwara, GT Road, Sirhind side, Mandi Gobindgarh, Tehsil Amluh, District Fatehgarh Sahib, Punjab by M/s Impression Securities Private Limited unit Bharat Ispat Udyog (Proposal No. SIA/PB/IND1/441451/2023).

The industry is an existing unit and was granted Consent to Operate under the provisions of the Air Act, 1981 and Water Act, 1974 for manufacturing of TMT Bars, Angle & Channel @ 400 MTD (1,40,000 TPA), which are valid up to 31.03.2026.

The industry was granted Terms of Reference vide letter No. SEIAA/MS/2022/276 dated 15.07.2022 for carrying out EIA study for obtaining Environmental Clearance under EIA Notification dated 14.09.2006 for the manufacturing of TMT Bars, Angle & Channel @ 1,40,000 TPA.

Now, the industry has submitted final EIA report after incorporating the Compliance of Terms of Reference for obtaining Environmental Clearance. The industry has proposed to install a new induction furnace of capacity 30 TPH and a concast machine in the already existing rolling mill for the manufacturing of steel billets/ingots @ 1,57,500 TPA and angles, channels, TMT Bars & H.R. Strips @ 1,40,000 TPA. The industry is covered under category 3(a) of the schedule appended with the EIA Notification dated 14.09.2006.

The total cost of the project is 60.52 Crore. In this regard, the industry has deposited Rs. 1,51,300/- vide NEFT No. N137221961930604 dated 14.05.2022 and Rs. 4,53,900/- vide UTR No. HDFCR52023082181267161 dated 21.08.2023. The adequacy of the fee deposited has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter No. 16333-38 dated 14.07.2023 furnished the comments on the suitability of site, construction status and pollution control status as under:

“Suitability of Site: *The existing site of the industry falls in the industrial zone as per Master Plan of Mandi Gobindgarh. The industry has not proposed any additional land. Therefore, the site of the industry is suitable for the proposed project.*

Air Pollution: *The industry has proposed to expand its unit by installing an induction furnace of 30 TPH capacity & concast machine in addition to the existing manufacturing capacity of TMT Bars, HR Strips, angles, Channels @ 1,40,000 TPA with the existing rolling mill. It has proposed to install separate side suction hood, spark arrestor, Bag house and ID fan as separate APCD as per the design of PSCST, Chandigarh.*

Water Pollution: *There will be no generation of trade effluent. It has proposed domestic effluent generation @ 8.0 KLD, which will be treated in STP of 18 KLD capacity and further treated water will be used in plantation/green area.*

The proposed pollution control arrangements submitted by the industry for Air and Water pollution are adequate in principle.

Hazardous Waste: The industry has proposed generation of hazardous waste of category 35.1 @ 0.75 TPD and 5.1 @ 0.01 KL/year, which will be disposed off to authorized utilizer and recycler respectively as per hazardous & other wastes (Management & Transboundary Movement) Rules, 2016.

The industry has not started any construction activity w.r.t proposed project.”

Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- (i) Sh. Pankaj Goyal, Director M/s Impression Securities Pvt Ltd.
- (ii) Sh. Sital Singh, Environmental Consultant M/s CPTL.
- (iii) Mrs. Ranjna Sharma, Environmental Consultant M/s CPTL.

The Committee allowed the Environmental Consultant to present the salient features of the application proposal. Thereafter, the Environmental Consultant presented the case as under:

Sr. No.	Description	Details
1	Basic Details	
1.1	Name of Project & Project Proponent:	M/s Impression Securities Private Limited Unit Bharat Ispat Udyog Pankaj Goyal Director
1.2	Proposal:	
1.3	Location of Industry:	Village- Talwara, G.T. Road, Sirhind Side, Talwara Road, Mandi Gobindgarh, Tehsil Amlah, District Fatehgarh Sahib, Punjab
1.4	Details of Land area & Built up area:	6.4 Acre
1.5	Category under EIA notification dated 14.09.2006	3(a)
1.6	Cost of the project	Rs.60.52 Crores
1.7	Compliance of Public Hearing Proceedings	<p>Compliance</p> <ul style="list-style-type: none"> ➤ The EIA report contains proceedings of the public hearing that was conducted on project site on 22nd May, 2023 for the proposed expansion in the existing premises by M/s Impression Securities Private Limited Unit Bharat Ispat Udyog at Village- Talwara, G.T. Road, Sirhind Side, Talwara Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab. ➤ Public Hearing Notice Published on 22.04.2023 in prominent newspaper namely ‘Hindustan Times’ and ‘Rozana Spokesman (Punjab daily)’.

		<p>Following issues were raised during public hearing:</p> <ol style="list-style-type: none"> 1. Greenbelt 2. Air and Water Pollution 3. Employment <p>Detailed Action Plan along with timeline and Budget allocation is given as Annexure I.</p>
2.	Site Suitability Characteristics	
2.1	Whether site of the industry is suitable as per the provisions of Master Plan:	The industry is an existing unit and was granted Consent to operate under the Water Act, 1974 & Air Act, 1981 which are valid up to 31.03.2026.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	Land ownership documents for the existing land area submitted.
3	Forest, Wildlife and Green Area	
3.1	Whether the industry required clearance under the provisions of Forest Conservation Act 1980 or not:	No forest land is involved in the project. An undertaking in the prescribed format submitted.
3.2	Whether the industry required clearance under the provisions of Punjab Land Preservation Act (PLPA) 1900:	No, the industry does not require the clearance under the provisions of Punjab Land Preservation Act (PLPA) 1900. An undertaking in the prescribed format submitted.
3.3	Whether industry required clearance under the provisions of Wildlife Protection Act 1972 or not:	No wildlife sanctuary is involved in the vicinity or study area of the project site. An undertaking in the prescribed format submitted.
3.5	Whether the industry falls within the influence of Eco-Sensitive Zone or not. (Specify the distance from the nearest Eco sensitive zone)	Not applicable
3.6	Green area requirement and proposed No. of trees:	The green belt requirement is 8547 sqm i.e. 33% of total area. With the proposed expansion, there is shortfall in green belt, to make up that shortfall; additional land of has been acquired at a distance of 348m from project site. Within the premises, 15% area will be developed as green belt and remaining 18% Greenbelt will

		be developed on additional land. In total 3925 plants shall be planted.			
4.	Raw material, Products and Machinery details are as under:				
	S. No.	PARTICULARS	EXISTING	PROPOSED	TOTAL
	A	EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS			
	1	Induction Furnace	Nil	1X30 TPH	1X30 TPH
	2	Rolling Mill (Hot rolling)	2X15 Ton/hr	Nil	2X15 Ton/hr
	3	Concast	Nil	01 No.	01 No.
	B	PRODUCTS			
	1	Steel Ingot/Billets (TPA)	Nil	1,57,500	1,57,500
	2	TMT Bars, H.R. Strips, Angles, Channels (TPA)	1,40,000	Nil	1,40,000
	C	RAW MATERIAL			
	1	INDUCTION FURNACE			
		MS Scrap, Ferro alloys (TPA)	Nil	1,73,250	1,73,250
	D	GENERALS			
	1	Project Cost (Crores)	Rs 20.62	Rs 39.40	Rs 60.52
	2	Land (Acres)	6.4	NIL	6.4
	3	Power (KW)	2425	13000	15425
	4	D G set	125 kVA	600 kVA	125 kVA, 600 kVA
	4	Manpower (Nos.)	90	250	340
	5	Working days	24 hrs 350 working days in year		
4.1					
4.2	Population details	Existing Manpower – 90 Additional - 250 Total- 340			
5	Water				
5.1	Total water requirement:	98.0 KLD			
5.2	Source:	Tube well			

5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) Details thereof	Permission to PWRDA is already been filed and is under process.		
5.4	Total water requirement for domestic purpose:	14.0 KLD		
5.4.1	Total wastewater generation:	Industrial Effluent – Nil Domestic wastewater – 11.2 KLD		
5.4.2	Treatment methodology for domestic wastewater: (STP capacity, technology & components)	No waste water is generated from the industrial operations. However, 11.2 KLD domestic waste water will be treated in STP of capacity 20 KLD and used in landscaping and plantation.		
5.5	Total water requirement	Total Water requirement- 98 KLD by including the cooling water makeup @ 84 KLD.		
5.5.1	Total effluent generation:	There are no generations of effluents from process.		
5.5.2	Treatment methodology for industrial wastewater: (ETP capacity, technology & components)	NA		
5.6	Details of utilization of treated wastewater into green area in summer, winter and rainy season	The wastewater generated from domestic will be treated through STP and will be used for plantation within premises.		
5.7	Cumulative Details: Water Consumption for Summer (KLD)			
	DESCRIPTION	EXISTING REQUIREMENT	PROPOSED REQUIREMENT	TOTAL REQUIREMENT
	Domestic	4.0 KLD	10.0 KLD	14.0 KLD
	Cooling (makeup water)	20.0 KLD	64.0 KLD	84.0 KLD
	Total	24.0 KLD	74.0 KLD	98.0 KLD
	Water Consumption for Winter & Rainy (KLD)			
	DESCRIPTION	EXISTING REQUIREMENT	PROPOSED REQUIREMENT	TOTAL REQUIREMENT
	Domestic	4.0 KLD	10.0 KLD	14.0 KLD
	Cooling (makeup water)	10.0 KLD	26.0 KLD	36.0 KLD
	Total	14.0 KLD	36.0 KLD	50 KLD
5.8	Rain water harvesting proposal:	Outside: The industrial unit has adopted one village pond for rain water harvesting. The total recharge potential will be 69,300 m ³ /year. NOC obtained from Sarpanch is submitted. Further, all the waste water of nearby village which will be directed towards		

		<p>the village pond will be first treated in trenches through CSIR-NEERI's Phytorid waste water treatment technology and overflow water will be discharged into the pond.</p> <p>Inside: - 2 tank of 14 KLD is proposed for inside rain water harvesting using roof top of the project site.</p>																									
6	Air																										
6.1	Details of Air Polluting Machinery and APCDs installed are as under:																										
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7.2	Details of management and disposal of solid waste (Mechanical Composter/Compost pits)	Disposal of Solid waste will be as per MSW rules, 2016				
7.3	Details of management of Hazardous Waste.	Solid/ Hazardous Waste				
		S.No.	Waste Category	Existing	After Expansion	Disposal
		1.	35.1 Flue gas cleaning residue	Nil	0.75 TPD	The dust generated from APCD is being/will be Send to RP Multimetals Private Limited
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3.	Slag	Nil	19.8 TPD	Recovery of Iron –3.2 TPD 16.6 TPD of slag after recovery of iron will be Sent to M/S Ashutosh Builders & Tiles pavers manufacturing units for reuse.		
8	Energy Saving & EMP					
8.1	Power Consumption:	Description	Existing Requirement	Additional	After Expansion	
		Power Requirement (KW)	2425	13000	15425 KW	
		Source	Punjab State Power Corporation Limited, Punjab			
8.2	Energy saving measures:	i) LED shall be used in place of inter lighting. ii) Street lighting shall be done completely with solar energy, likely saving of energy will be as follows:				
9.	CER Activities	CER activities- Based on Public hearing issues the following CER activity will be carried out In lieu of Corporate Environmental Responsibility, the OM dated 30th Sept., 2020 issued by MOEF&CC superseding OM dated 1st May, 2018, Provision of 5 lakhs has been made for development of village Talwara under CER activity.				

10. EMP BUDGET			
S. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage (Water, Sprinkler etc.)	5.0	0.5
2	Air Pollution Control Measures Bag filters, dust extraction systems, online monitor, etc.	60.0	1.5
3	Water and waste water Management (STP, Sedimentation, Tank, Oil Traps, etc.)	25.0	5.0
4.	Rain water harvesting structure	10.0	0.1
4	Solid Waste Management	5.0	1.5
5	Noise Reduction Systems	5.0	1.5
6	Occupational Health, Safety and Risk Management	10	5.0
7	Greenbelt development (Plantation and maintenance) & Biological Conservation	39.5	39.5 lakhs for 3 years
8	Development of village Talwara under CER	5.0	-
	TOTAL	164.5 Lakhs	54.6 lakhs
8	Environmental monitoring Program	(Recurring Cost)	
a)	Air Quality Monitoring		0.35
b)	Noise monitoring		0.1
c)	Water and waste water monitoring		0.40
d)	Soil quality monitoring and Solid and hazardous waste quality		0.30
	TOTAL	164.5 Lakhs	55.75 lakhs

Annexure-I

Action Plan for The Issues Rose During Public Hearing

Sr. No.	Name & Address of the Person	Detail of query/ statement/ information/ clarification sought by the person present	Reply of the query/ statement/ information/ clarification given by the Project Proponent	Action Plan	Time Line
1.	Sh. Balwinder Singh, Village Dadheri Mandi Gobindgarh	a) Due to air pollution in their village Dadheri, people are facing a lot of difficulties. There is no control of air pollution by the industry	The Environment Consultant of the industry has informed that the industry is PNG based rolling mill, which is not creating any type of air pollution, Also the industry has proposed to install electric induction furnace and there will be no usage of fossil fuel.	An online Ambient monitoring system shall be installed to monitor the air pollution generated by the industry.	Ambient air quality monitoring shall be done with the construction phase by arrangement with NABL approved lab. Regular real time continues air quality monitoring station will be installed well before the start of commercial production.
2.	Mr Ratan Lal, Village Talwara, Mandi Gobindgarh, Distt. Fatehgarh Sahib.	The industry is causing air pollution. Further are the potholes in the road passing in front of industries and illegal parking of trucks is there in the area, due to which people face problems while going to village.	The Environment Consultant of the industry has told that the industry is PNG based rolling mill, which is not creating any type of air pollution, Also the industry has proposed to install electric induction furnace and there will be no usage of fossil fuel. He assured that there will be no illegal parking of trucks on public road.	An online Ambient monitoring system shall be installed to monitor the air pollution generated by the industry and bag filters will be used as APCD along with electric induction furnace. Vehicles shall be park within the premises. There is sufficient space approx. 7416 sqm open and transportation area is available for parking.	Bag filters shall be installed and will be in operated along with induction furnace before the start of commercial production. The traffic management plan will be in place. No vehicle will be parked outside. A specific service lane will be constructed along

					the boundary wall for transport vehicles. Traffic management with the industry will be looked after by trained security guard.
3.	Mr Kulwant Singh, Village Talwara, Mandi Gobindgarh, District Fatehgarh Sahib	He said that interlocking tiles have started to be laid on the road adjacent to the factory which has not yet been completely laid. He said that there is no other way to go to the village. Trucks are always standing on the road. During the rainy season, the water gets stagnant on the road. The waste water of the factory is thrown on the road. The road is not repaired by the industry, which create Dust pollution.	The Environment Consultant of the industry has said that the repairing work of the road is looked after by the Municipal Council, Mandi Govindgarh. Further, he assured that their industry will not park any vehicle on public road as there is ample space inside the industrial premises for parking of vehicles.	Vehicles shall be park within the premises. There is sufficient space approx. 7416 sqm open and transportation area is available for parking.	Being and will be complied all through the life cycle of plant.
4.	Mr. Karamjit Singh, village Talwara, Mandi Govindgarh, District Fatehgarh Sahib	He said that air pollution is caused by this industry including the adjacent factories, on which no action has been taken. A court case is already going on for the industrial land	The Environment Consultant of the industry has said that the revenue matter is not related to the Punjab pollution control board. An online Ambient monitoring system will be installed to	An online Ambient monitoring system shall be installed to monitor the air pollution generated by the industry.	Already Addressed above

		and a stay has been imposed on the land. He alleged that public hearing cannot be conducting during stay of court.	monitor the air pollution generated by the industry. Further, Environmental Engineer, Punjab Pollution Control Board, Fatehgarh Sahib said that Board is already taking strict action against violating unit by conducting surprise inspections during odd hours.		
5	Mr. Ratan Vohra, Mandi Gobindgarh	He said that if there is any accident in the industry, what measures will be adopted by the industry to stop it.	The Environment Consultant of the industry said that the all the probable reasons for accidents in the industry will be taken care of. The induction furnace will be installed in the corner. Apart from this, only qualified and trained employees will be employed and special attention will be paid to the maintenance work.	Environment Management Cell shall be created to handle emergency occurred due to natural or man-made accidents. Evacuation plan will be prepared. Fire tenders, ambulance and mobile hospital facilities will be provided to the victims at the shortest time. One Health Centre equipped with modern technology will be identified which has tied up with Government district hospital to get services of the various areas.	A well-established OHAS is in place which will further be strengthen. Proper education on safe work protection is being/will be imparted to operational staff and construction workers. Proper records of accidents reported and safety measures is/will be in place.
6	Mr. Om Prakash,	He said that whether employment will	The Industries' Environment consultant said	Provision of additional 250 educated and	Contractual employment will start with

	Mandi Gobindgarh	be given to people of adjacent area by the industry and what will be done for their safety.	that along with the old workers, 250 more educated and qualified workers will be hired and priority will be given to the local people for employment.	qualified workers is there for proposed expansion and priority shall be given to the local people for employment.	construction phase and regular staff will be employed at list one month before commencement of plant. Based on education and skill locals will be employed.
7	Mr Kulwant Singh, Village Talwara, Mandi Gobindgarh, District Fatehgarh Sahib	He said that industry provide employment to people outside Punjab and no employment is given to the people of village Talwara. False promises are made by the factory owners to the people of village and no compensation is given during the accident and they are cheated. He Said that air pollution is caused by factories and many jobs are not provided.	The Director of the industry told that priority will be given to the local villagers for the employment. The Environmental Engineer, Punjab Pollution Control Board also instructed the industry owner to give priority to the nearby villages for the employment. She said that revenue matter of the industry is not related to the Punjab Pollution Control Board, but still, the case will be sent to the Head office, Patiala for reviewing the matter. After this the Director of the industry assured the people present in public hearing that efficient type of APCD will be installed to prevent pollution. Along with the old workers, 250 more	Agree, Provision of additional 250 educated and qualified workers are there for proposed expansion and priority shall be given to the local people for employment. An online Ambient monitoring system shall be installed to monitor the air pollution generated by the industry.	Already addressed

			workers will be employed.		
8	Sh. Palwinder Singh, Village Talwara, Mandi Govindgarh	<p>There is a stay on the industry due to which it cannot make any expansion and the plantation has not been done in 2 acres of land by the industry. Along with this, no fund has been given by the industry for the development of Talwara village so far. Pollution is spread at night, so the pollution board should conduct emergency checks at night. He said that if the factory continues to increase, the people of the village will stage a dharna and shut it down. Along with this, he said that air and water pollution is caused by the industries. Neither plantation is done nor employment is given to the people of Talwara village.</p>	<p>Sub Divisional Magistrate, Bassi Pathana requested the Environmental Engineer, Punjab Pollution Control Board to take action on land case. Environmental Engineer, Punjab Pollution Control Board said that this is a matter related to revenue Department, but still the request of villagers will be sent to Head Office, Patiala to review the matter.</p> <p>After this, Environmental Engineer, Punjab Pollution Control Board said that earlier the rolling mills were not covered under EIA Notification, 2006. There was no condition of plantation in existing project. But now the industry will have to develop 33% plantation area before commissioning of proposed project.</p>	<p>The green belt requirement is 8521 sqm i.e. 33% of total area. With the proposed expansion, there is shortfall in Green belt, to make up that shortfall; additional land has been acquired at a distance of 348m from project site. Within the premises, 15% area (5295.42 sqm) will be developed as Green belt and</p>	<p>Greenbelt development will start within 3 months of grant of EC and completed within 2 years.</p>

			<p>After this, the Director of the industry told the people that 2-5 lakh funds will be given by the industry for the development of village Talwara. He said that people of village should support the growth of the industry. If, the conditions of Environmental clearance are not fulfilled by them, the Environmental Clearance will be cancelled. He assured the people of the village that they will provide the funds for the development of the village in the future and will give employment to the people of the village with the growth of industry. Along with this, they will settle the land dispute soon.</p>	<p>remaining greenbelt will be developed at additional land.</p> <p>Provision of 5 lakhs has been made for development of village Talwara under CER activity.</p>	<p>The funds of 5 lakhs committed by project proponent for development of village Talwara will be part of EMP.</p>
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The Committee perused the issues raised during public hearing such as people facing problems due to illegal parking of trucks in the area, court case on the industrial land etc. The Committee further perused the traffic study carried out by the Environmental Consultant wherein it has been mentioned that 22 trucks will be engaged for carrying raw material @ 1,73,250 TPA (495 TPD) and products @ 1,57,500 TPA (450 TPD). However, for carrying the said quantity of raw material and

products, the total 37 trucks are required by considering the capacity @ 25 Ton/truck. The Committee asked the project proponent to provide a dedicated space for the parking of trucks/vehicles and submit the revised scheme in view of the issues raised during public hearing.

After detailed deliberations, SEAC decided to defer the case till the receipt of the reply of below mentioned observations:

1. The monitor lizard has been mentioned in the EIA report. The industry shall specify that which specie of monitor lizard has been found in the study area, if it falls in the schedule-1 of the Wildlife Protection Act, 1972, the industry shall submit the site-specific conservation plan & Wildlife Management Plan duly approved by the Chief Wildlife Warden, Punjab for implementation in consultation with the State Forest Department.
2. The industry shall submit the proper scheme of traffic circulation system with a view to ensure adequate parking within the industry, conflict free movement viz a viz estimation of adequate total No. of trucks.
3. The industry shall submit the details of the court case along with its latest status, as one of the issues raised during public hearing.
4. The industry shall submit a plan showing different areas under usage such as industrial shed area, area for storage, area for parking, area of collection of industrial waste and area proposed for tree plantation etc.
5. The industry shall submit the land ownership documents of the land area wherein 18% green area has been proposed to be developed to satisfy the criteria of development of 33% green area.
6. The industry shall submit the drawing by earmarking the proper scheme of green area and No. of trees.
7. The Committee perused the comments of the public hearing, wherein it has been mentioned that during the rainy season, the water gets stagnant on the road and the waste water of the factory is thrown on the road outside the industry. The industry shall submit the proper scheme of management & disposal of storm water.
8. The industry shall provide the details of the energy saving measures required to be adopted as per the statutory provisions.
9. The industry shall submit the revised EMP by revising the capital cost of the STP in the EMP.

Item No. 259.05: Application for Environmental Clearance under EIA notification dated 14.09.2006 for construction of hotel project namely “Hotel Holiday Inn” at Ghee Mandi Road, Inner Circular Road, Amritsar, Punjab by M/s Amritsar Golden Hospitality LLP (Proposal no. SIA/PB/INFRA2/439156/2023).

The project proponent has applied for obtaining Environmental Clearance for construction of hotel Project namely “Hotel Holiday Inn” at Amritsar, Punjab. The total land area of the project is 5844.90 sqm having built-up area of 27888.88 sq.m. The project is covered under category 8(a) of the schedule appended with the EIA notification dated 14.09.2006. The total cost of the project is 39 Crore.

The project proponent has submitted the Checklist, Conceptual Plan, EMP, online form and other additional documents through Parivesh portal. He has also deposited Rs. 55778/- vide UTR No./ Reference ID SBIN123199335614 dated 18.07.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide e-mail dated 06.09.2023 furnished the latest construction status report is as under:

“It is intimated that an email has been received in this office from the office of Environmental Engineer (SEIAA), Directorate of Environment and Climate Change, Punjab, Department of Science, Technology and Environment, MGSIPA Complex, Adj. Sacred Heart School, Sector 26, Chandigarh - 160019. In which it has been stated that M/s Amritsar Golden Hospitality LLP has submitted an application for obtaining Environmental Clearance for project namely Village Amritsar Cantonment District Amritsar. The documents as received from the project proponent has been downloaded from the link given in the email. The site was visited by this office and the point-wise reply is as under:-

S.No.	Point	Reply
(i)	<i>Construction status of the proposed project. Please send the clear-cut report as to whether construction for the project has been started for the project except for securing the land.</i>	<i>The site of the project is visited and found that it is an open plot. Only boundary wall has been constructed. No other construction work has been started at site yet.</i>
(ii)	<i>Status of physical structures within a 500 m radius of the site including the status of industries, drain, river, and eco-sensitive structures if any.</i>	<i>The site is located on the slip road opp. to Bijli Ghar. There are couple of shops on the left side of the site after crossing a small road. Rightside is vacant plot with a semi-constructed building in it. On the backside there is a dense residential/ commercial area called Ramanand Bagh.</i>
(iii)	<i>Whether the site is meeting the prescribed</i>	<i>The project proponent has not</i>

	<i>criteria for setting up of such types of projects. Please send a clear-cut recommendation.</i>	<i>submitted any document regarding CLU along with its application. Hence, the suitability of the site cannot be adjudged.</i>
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Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- (i) Sh. Tejinder Singh, Partner M/s Amritsar Golden Hospitality LLP.
- (ii) Mr. Deepak Gupta, Environmental Advisor.

The Committee allowed the Environmental Consultant to present the salient features of the application proposal. Thereafter, the Environmental Consultant presented the case as under:

Sr. No.	Description	Details
1	Basic Details	
1.1	Name of Project & Project Proponent:	Commercial Project namely "Hotel Holiday Inn" by Amritsar Golden Hospitality LLP
1.2	Proposal:	SIA/PB/INFRA2/439156/2023
1.3	Location of Project:	Amritsar, Punjab
1.4	Details of Land area & Built up area:	Plot area:5844.90 Sqm and built-up area will be 27888.88 Sqm
1.5	Category under EIA notification dated 14.09.2006	8(a)
1.6	Cost of the project (Rs. in crores)	39 Crore
2.	Site Suitability Characteristics	
2.1	Whether project is suitable as per the provisions of Master Plan:	As per the Master Plan of Amritsar, the project falls in the Mixed land use.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	A copy of the lease deed submitted by the Project Proponent for land area measuring 6990.51 sq yard (5844 sqm) in the name of Sh. Tajinder Singh (Partner) submitted. The lease deed is valid for 30 years.

3	Forest, Wildlife and Green Area	
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	No, the project does not fall any forest land. An undertaking in this regard submitted in the prescribed proforma.
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	The project is not covered under PLPA, 1900. An undertaking in this regard submitted in the prescribed proforma.
3.3	Whether project required clearance under the provisions of Wildlife Protection Act 1972 or not?	No, the project does not require clearance under Wildlife Protection Act 1972. An undertaking in this regard submitted in the prescribed proforma.
3.4	Whether the project falls within the influence of Eco-Sensitive Zone or not.	No, the project does not fall within any eco-sensitive zone.
3.5	Green area Requirement and proposed No. of trees:	Total green area: 1200 sqm Built up area 27888.88 sqm @ 225 sqm/tree =123 trees Land area 5900 sqm @ 80 sqm/tree= 73 trees Proposed No. of trees= 140
4	Configuration & Population	
4.1	Configuration	
	DESCRIPTION ITEM	UNITS
	LOWER BASEMENT PLAN	STACK PARKING
	UPPER BASEMENT PLAN	PRE-FUNCTION/MEETINGS
	GROUND FLOOR PLAN	SDINING HALL/KITCHEN
	FIRST FLOOR PLAN	SERVICE FLOOR
	SECOND FLOOR PLAN	ROOMS 18 IN NOS.
	THIRD FLOOR PLAN	ROOMS 24 IN NOS.
	4TH FLOOR PLAN	ROOMS 24 IN NOS.
	5TH FLOOR PLAN	ROOMS 24 IN NOS.
	6TH FLOOR PLAN	ROOMS 24 IN NOS.

	7TH FLOOR PLAN		ROOMS 24 IN NOS.	
	8TH FLOOR PLAN		ROOMS 24 IN NOS.	
	9TH FLOOR PLAN		ROOMS 24 IN NOS.	
	10TH FLOOR PLAN		ROOMS 24 IN NOS.	
	11TH FLOOR PLAN		ROOMS 24 IN NOS.	
	TOTAL		ROOM 234 IN NOS.	
4.2	Population	518		
5.1	Water requirement & Source:			
	Rooms 234	234 Rooms @ 2 persons/room	468 Persons	
	Population	468 @ 320 lpcd	150 KLD	
	Staff	50 @ 45 lpcd	2 KLD	
	Domestic Water required		152 KLD	
5.2	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>	Not submitted.		
5.3	Total wastewater generation:	122 KLD		
5.4	Treatment methodology: <i>(STP capacity, technology & components)</i>	122 KLD of wastewater will be generated from the project which will be treated in proposed STP of 150 KLD capacity.		
5.5	Treated wastewater for flushing purpose:	Total flow to STP @ 80%	Domestic water	122 KLD
		Reuse of treated waste water	<ul style="list-style-type: none"> • Flushing 468 @ 60 lpcd • Flushing 50 @ 20 lpcd 	<ul style="list-style-type: none"> • 28 KLD • 1 KLD
5.6	Treated wastewater for green area in summer, winter and rainy season:	Summer: 7 KLD Winter: 2 KLD Monsoon: 1 KLD		

5.7	Utilization/Disposal of excess treated wastewater.	<p>A copy of the permission letter No. XEN/131 dated 18.07.2023 issued by ਕਾਰਜਕਾਰੀ ਇੰਜੀਨੀਅਰ (ਓ.ਐੱਡ.ਐਮ) ਹਲਕਾ ਕੇਦਰੀ, ਨਗਰ ਨਿਗਮ, ਅਮ੍ਰਿਤਸਰ as under:</p> <p><i>“ ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ ਆਪ ਵਲੋਂ ਮਾਨਯੋਗ ਕਮਿਸ਼ਨਰ, ਨਗਰ ਨਿਗਮ, ਅਮ੍ਰਿਤਸਰ ਨੂੰ ਲਿਖਤੀ ਬੇਨਤੀ ਕੀਤੀ ਹੈ ਕਿ ਸਾਡੇ ਵਲੋਂ Inner Circular Road, Ghee Mandi, Amritsar ਵਿਖੇ 225 ਕਮਰਿਆਂ ਦਾ ਹੋਟਲ ਉਸਾਰਿਆ ਜਾਣਾ ਹੈ। ਜਿਸ ਦੀ Environment Clearance ਵਾਸਤੇ ਇਤਰਾਜ਼-ਹੀਣਤਾ ਸਰਟੀਫਿਕੇਟ ਦੀ ਮੰਗ ਕੀਤੀ ਗਈ ਹੈ।</i></p> <p><i>ਇਸ ਸਬੰਧ ਵਿੱਚ ਹੋਟਲ ਵਲੋਂ ਸੀਵਰੇਜ ਦੀ ਸਮਰੱਥਾ ਅਨੁਸਾਰ ਲੋੜੀਂਦਾ ਸੀਵੇਜ਼ ਟ੍ਰੀਟਮੈਂਟ ਪਲਾਂਟ ਲਗਾ ਕੇ ਉਸ ਦੇ ਪਾਣੀ ਨੂੰ ਟ੍ਰੀਟ ਕਰਕੇ ਹੋਟਲ ਵਿੱਚ ਵਰਤਣ ਲਈ ਪਾਬੰਧ ਹੋਵੇਗਾ। ਨਗਰ ਨਿਗਮ ਦਾ ਸੀਵਰੇਜ ਸਿਸਟਮ ਹੋਟਲ ਦੇ ਵਾਧੂ ਪਾਣੀ ਨੂੰ ਡਿਸਪੋਜਲ ਕਰਨ ਦੀ ਸਮਰੱਥਾ ਰੱਖਦਾ ਹੈ।”</i></p>								
5.8	Cumulative Details:									
	S. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	<table border="1"> <thead> <tr> <th data-bbox="1067 790 1251 954">Green area requirement</th> <th data-bbox="1251 790 1445 954">Into sewer</th> </tr> </thead> <tbody> <tr> <td data-bbox="1067 954 1251 1261"> Summer: 7 KLD Winter: 2 KLD Monsoon: 1 KLD </td> <td data-bbox="1251 954 1445 1261"> Summer: 86 KLD Winter: 91 KLD Monsoon: 92 KLD </td> </tr> </tbody> </table>	Green area requirement	Into sewer	Summer: 7 KLD Winter: 2 KLD Monsoon: 1 KLD	Summer: 86 KLD Winter: 91 KLD Monsoon: 92 KLD
Green area requirement	Into sewer									
Summer: 7 KLD Winter: 2 KLD Monsoon: 1 KLD	Summer: 86 KLD Winter: 91 KLD Monsoon: 92 KLD									
5.9	Rain water harvesting proposal:	2 Rain Water Recharging pits with dual bore have been proposed for artificial rain water recharging within the project premises.								
6	Air									
6.1	Details of Air Polluting machinery:	DG set of 1X 500, 2 x1010 KVA capacity will be installed for essential services such as STP, borewell, etc.								
6.2	Measures to be adopted to contain particulate emission/Air Pollution	DG set will be equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion.								
7	Waste Management									

7.1	Total quantity of solid waste generation	Total 488 kg/day (518 persons X 0.4 kg)			
7.2	Whether Solid Waste Management layout plan by earmarking the location as well as area designated for installation of Mechanical Composter and Material Recovery Facility submitted or not.	Solid waste management area has been provided and earmarked in conceptual layout plan submitted. Recyclable component will be disposed of through authorized recycler vendors. Inert waste will be dumped to authorized dumping site.			
7.3	Details of management of Hazardous Waste.	Hazardous Waste in the form of used oil from DG set will be generated which will be managed & disposed of to authorized vendors as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and its amendments.			
8.	Energy Saving & EMP				
8.1	Power Consumption:	Description		Total	
		Electrical Power requirement (KW)		2800	
		Source		PSPCL	
8.2	Energy saving measures:	<ul style="list-style-type: none"> Solar light 15 No. = 37 KWHD Common area (500) lights replaced with LED = 270 KWHD Total energy saved/day= 307 KWHD			
8.3	Details of activities under Environment Management Plan.				
			Construction Phase		Operation Phase
	S. No.	Title	Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recurring Cost (in Lakhs per Annum)
	1.	Medical Cum First Aid	0.50	1.0	--
	2.	Toilets for workers	2.0	1.0	--
	3.	Wind breaking curtains	3.0	1.0	--

4.	Sprinklers for suppression of dust	2.0	1.0	--
5.	Sewage Treatment Plant	50.0	---	4.5
6.	Solid waste Management	8.0	--	3.0
7.	Green belt development	12.0	--	0.50
8.	Rain water harvesting	3.0	--	6.0
9.	Smog gun	6.0	1.5	
Total		Rs.86.50 Lakhs	Rs. 5.5 Lakhs	Rs.14.00 Lakhs
Additional Environmental Activities				
Jute and cloth bags except Plastic 10000				15.0
Water cooler, RWHP and Toilets in Government School				25.0

The Committee was satisfied with the proposal submitted by the Project Proponent and after detailed deliberations decided to award **silver grading** and forward the case to SEIAA with a recommendation to grant Environmental Clearance for construction of hotel project namely "Hotel Holiday Inn" at Ghee Mandi Road, Inner Circular Road, Amritsar, Punjab subject to the standard conditions:

I. Statutory compliances:

- i) The project proponent shall obtain all necessary clearances/ permissions from all relevant agencies including the town planning authority before commencement of work. All the construction shall be done in accordance with the local building bye laws.
- ii) The approval of the Competent Authority shall be obtained for the structural safety of buildings due to earthquakes, adequacy of firefighting equipment, etc. as per the National Building Code including protection measures from lightning, etc.
- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes is involved in the project.
- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.
- vi) The project proponent shall obtain the necessary permission for the abstraction of groundwater/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire Department, and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of the respective city/ town. For that, the project proponent shall submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whose jurisdiction, the site falls.
- xii) Besides the above, the project proponent shall also comply with siting criteria/guidelines, standard operating practices, code of practice, and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such types of projects.
- xiii) The project proponent shall construct the buildings as per the layout plan approved from the Competent Authority and in consonance of the project proposal for which this environment clearance is being granted.

II. Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in the ambient air quality at the site.
- iii) The project proponent shall install a system to undertake Ambient Air Quality monitoring for common /criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5) covering upwind and downwind directions during the construction period.

- iv) Diesel power generating sets proposed as a source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel would be the preferred option. The location of the DG sets may be decided in consultation with Punjab Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke and other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, and continuous dust/ wind-breaking walls all around the site (at least 3 m height or 1/3rd of the building height and maximum up to 10 m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted.
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- x) Grinding and cutting of building material in open areas shall be prohibited. A wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within the earmarked area and roadside storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during the construction phase shall be low sulphur diesel type and shall conform to the norms and regulations prescribed under air and noise emission standards.
- xiv) The gaseous emissions from the DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xv) For indoor air quality, the ventilation provisions as per the National Building Code of India shall be complied with.

- xvi) Roads leading to or at the construction site must be paved and blacktopped (i.e., metallic roads should be built and used).
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measures will be notified at the site

III. Water quality monitoring and preservation

- i) The natural drainage system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed which obstructs the natural drainage through the site, in wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.
- iii) Buildings shall be designed to follow the natural topography as far as possible. Minimum cutting and filling should be done.
- iv) The total freshwater use shall not exceed the proposed requirement as mentioned in the application proposal.
- v) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- vi) During the construction phase, the project proponent shall ensure that the wastewater generated from the labour quarters/toilets shall be treated and disposed of in an environment-friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately designed septic tanks for the treatment of such wastewater and treated effluents shall be utilized for green area/plantation.
- vii) The project proponent shall ensure a safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- viii) The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC and SEIAA along with six-monthly monitoring reports.
- ix) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration, and the balance of water available. This should be specified separately for groundwater and surface water sources, ensuring that there is no impact on other users.

- x) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape, etc. would be considered as pervious surface.
- xi) Dual pipe plumbing shall be installed for supplying fresh water for drinking, cooking and bathing, etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, air conditioning etc.
- xii) Installation of R.O. plants in the project will be discouraged in order to reduce water wastage in form of RO reject. However, in case the requirement of installing RO plant is unavoidable, the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component or in a common place in the project premises.
- xiii) The project proponent shall also adopt the new/innovative technologies like low water discharging taps (faucet with aerators) /urinals with electronic sensor system /waterless urinals/twin flush cisterns/ sensor-based alarm system for overhead water storage tanks and make them a part of the environmental management plans/building plans so as to reduce the water consumption/groundwater abstraction.
- xiv) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/other purposes etc. and will colour code the different pipelines carrying water/wastewater from different sources / treated wastewater as follows:

Sr. No	Nature of the Stream	Color code
a)	Fresh water	Blue
b)	Untreated wastewater from Toilets/ urinal and from Kitchen	Black
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey
d)	Reject water streams from RO plants and AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White
e)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green
f)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating greywater	Green with strips
g)	Stormwater	Orange

- xv) Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents, and adopting other best practices.

- xvi) The CGWA provisions on rainwater harvesting should be followed. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of the plot area and a storage capacity of a minimum of one day of the total freshwater requirement shall be provided. In areas where groundwater recharge is not feasible, the rainwater should be harvested and stored for reuse. The groundwater shall not be withdrawn without approval from the Competent Authority.
- xvii) All recharge should be limited to shallow aquifers.
- xviii) No groundwater shall be used during the construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and should be available at the site.
- xix) Any groundwater dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any groundwater abstraction or dewatering.
- xx) The quantity of freshwater usage, water recycling, and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC, and SEIAA along with six-monthly Monitoring reports.
- xxi) Sewage shall be treated in the STP with tertiary treatment by providing ultra-filtration Technology. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing and gardening. No treated water shall be disposed of into the municipal stormwater drain.
- xxii) No sewage or untreated effluent would be discharged through stormwater drains. Onsite sewage treatment with a capacity to treat 100% wastewater will be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry / SEIAA before the project is commissioned for operation. Treated wastewater shall be reused on-site for landscape, flushing, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest, and Climate Change. Natural treatment systems shall be promoted.
- xxiii) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxiv) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed of as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i) Ambient noise levels shall conform to the commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during the construction phase. Adequate measures shall be made to reduce noise levels during the construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii) A noise level survey shall be carried out as per the prescribed guidelines and a report in this regard shall be submitted to the Regional Officer of the Ministry as a part of a six-monthly compliance report.
- iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, earplugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures

- i) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii) Outdoor and common area lighting shall be LED.
- iii) Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased daylighting design and thermal mass, etc. shall be incorporated in the building design. Wall, window, and roof U-values shall be as per ECBC specifications.
- iv) Energy conservation measures like the installation of LEDs for lighting the area outside the building should be an integral part of the project design and should be in place before project commissioning.
- v) Solar, wind, or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) At least 30% of the rooftop area shall be used for generating Solar power for lighting in the apartments so as to reduce the power load on the grid. A separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher.

VI. Waste Management

- i) A certificate from the competent authority handling municipal solid waste, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project shall be obtained.
- ii) The Project Proponent shall install Mechanical Composter of adequate capacity to treat wet component of the Solid Waste.
- iii) Disposal of muck during the construction phase should not create any adverse effect on the neighbouring communities and should be safely disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of the competent authority.
- iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating the segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- v) Organic waste compost/ Vermiculture pit/ Organic Waste Converter/Mechanical Composter within the premises must be installed for treatment and disposal of the solid waste.
- vi) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie-up must be done with the authorized recyclers.
- vii) Any hazardous waste generated during the construction phase, shall be disposed of as per applicable rules and norms with the necessary approvals of the State Pollution Control Board.
- viii) Use of environment-friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
- ix) Fly ash should be used as a building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready-mixed concrete must be used in building construction.
- x) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- xi) Used CFLs and TFLs should be properly collected and disposed of or sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i) No naturally growing tree should be felled/transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned

regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department.

- ii) At least a single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure the planting of trees in the project area at the identified location, as the per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 6 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years and thereafter, protected throughout the entire lifetime of the Project. 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. The plantation should be undertaken as per SEIAA guidelines. The plantation to be carried out under Karnal Technology shall be in addition to the green area plantation of the project.
- iii) The Project Proponent shall develop a green belt with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit provided that the number of trees to be planted should not be less than one tree per 80 sqm of the total land area. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.
- iv) Where the trees need to be cut with prior permission from the concerned local Authority, a compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 saplings of the same species for every tree that is cut) shall be done and the newly planted saplings will be maintained for at least 5 years. Green belt development shall be undertaken as per the details provided in the project document.
- v) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during the plantation of the proposed vegetation on site.
- vi) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vii) The green belt along the periphery of the plot shall achieve an attenuation factor conforming to the day and night noise standards prescribed for commercial land use.
- viii) The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.

VIII. Transport

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b) Traffic calming measures.
 - c) Proper design of entry and exit points.
 - d) Parking norms as per local regulations.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a valid pollution check certificate, conform to applicable air and noise emission standards, and should be operated only during non-peak hours.
- iii) 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 km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on the cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies within this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

IX. Human health issues

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris, or working in any area with dust pollution shall be provided with dust masks.
- ii) For indoor air quality, the ventilation provisions as per the National Building Code of India should be followed.
- iii) An emergency preparedness plan based on the Hazard Identification and Risk 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, and medical health care, creche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

- iv) Occupational health surveillance of the workers shall be done regularly.
- v) A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Environment Management Plan

- i) The company shall have a well-laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violations of the environmental / forest/wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.
- ii) A separate Environmental Cell both at the project and company headquarters level, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization.
- iii) An action plan for implementing following activities under EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority.

S. No.	Title	Construction Phase		Operation Phase
		Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recurring Cost (in Lakhs per Annum)
1.	Medical Cum First Aid	0.50	1.0	--
2.	Toilets for workers	2.0	1.0	--
3.	Wind breaking curtains	3.0	1.0	--
4.	Sprinklers for suppression of dust	2.0	1.0	--
5.	Sewage Treatment Plant	50.0	---	4.5
6.	Solid waste Management	8.0	--	3.0
7.	Green belt development	12.0	--	0.50
8.	Rain water harvesting	3.0	--	6.0
9.	Smog gun	6.0	1.5	

Total	Rs.86.50 Lakhs	Rs. 5.5 Lakhs	Rs.14.00 Lakhs
Additional Environmental Activities			
Jute and cloth bags except Plastic 10000			15.0
Water cooler, RWHP and Toilets in Government School			25.0

XI. Validity

- i) This environmental clearance will be valid for a period of ten years from the date of its issue as per MoEF & CC, GoI notification No. S.O. 1807 (E) dated 12.04.2022 or till the completion of the project, whichever is earlier.

XII. Miscellaneous

- i) The project proponent shall obtain a completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.
- ii) The project proponent shall comply with the conditions of CLU, if obtained.
- iii) The project proponent shall prominently advertise in at least two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
- iv) 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 have to publicly display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis.
- vi) 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 the Environment Clearance portal and submit a copy of the same to SEIAA.
- vii) 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 the same on the website of the company.

- viii) The project proponent shall inform the Regional Office as well as SEIAA Punjab, 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.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during public hearing and also those made to SEIAA / SEAC during their presentation.
- xi) No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- xii) The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports.
- xiii) This Environmental Clearance is granted subject to final outcome of pending related cases in the Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble NGT and any other Court of Law as may be applicable to this project.

XIII. Additional Conditions

- i) The approval is based on the conceptual plan/drawings submitted with the application. In case, there is variation in built-up area/green area/ any other details in the drawings approved by the competent authority, the Project Proponent shall obtain the revised Environmental Clearance.
- ii) The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets, etc. are not disturbed so that the natural flow of rainwater, etc is not impeded or disrupted in any manner.
- iii) Authorization from Punjab Pollution Control Board shall be obtained as applicable under the Bio-Medical Waste Management Rules 2016 as amended from time to time.

- iv) The solid waste other than Bio-Medical Waste & Hazardous Waste (dry as well as wet garbage) generated should be properly collected and segregated before disposal to Municipal Authorities in accordance with the Municipal Solid Waste (Management & Handling) Rules, 2000. No municipal waste should be disposed off outside the premises in contravention of relevant rules and by-laws. Adequate measures should be taken to prevent any malodour in and around the Project premises.
- v) In the event that the project proponent decides to abandon/close the Project at any stage, he shall submit an application in the prescribed form along with requisite documents through Parivesh to SEIAA for surrendering the Environmental Clearance as per the procedure prescribed in OM dated 29.03.2022 issued by the MoEF&CC. The project proponent shall be accountable for adherence/compliance of the EC conditions till such time as the project is finally closed by SEIAA, based upon the certified closure report of Integrated Regional Offices (IROs) of MoEF&CC, Chandigarh/PPCB.
- vi) This Environmental Clearance is liable to be revoked without any further notice to the Project Proponent in case of failure to comply with condition (v) above.
- vii) 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.
- viii) The Project Proponent shall manage the solid waste generated from the project as per the sub-rule-7 of rule-4 of SWM Rules 2016.
- ix) The Ministry reserves the right to stipulate additional conditions if found necessary. The Promoter Company in a time bound manner shall implement these conditions.
- x) 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.
- xi) Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Item No. 259.06: Application for Environmental Clearance under EIA Notification dated 14.09.2006 for establishment of commercial project namely “The Silicon Courtyard” at Village Devinagar, Derabassi, District SAS Nagar, Punjab by M/s Hi Tech Builders and Promoters (Proposal No. SIA/PB/INFRA2/432965/2023).

The Project Proponent has submitted application for Environmental Clearance under EIA Notification dated 14.09.2006 for establishment of commercial project namely “The Silicon Courtyard” at Village Devinagar, Derabassi, District SAS Nagar, Punjab. The total land area of the project is 18171 sqm having built up area of 39905 sqm. The project is covered under category 8(a) of the schedule appended with the EIA Notification dated 14.09.2006. The total cost of the project is Rs. 60 Cr.

The Project Proponent has submitted online form, checklist & other relevant documents through Parivesh Portal. He has deposited fee of Rs. 79,810/- vide UTR No. ICICI00136162067 dated 03.06.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter No. 6916 dated 08.09.2023 furnished the latest construction status report is as under:

“The project site was visited by officer of the Board on 22.08.2023 and it was observed as under:

1. *As per the site shown by the representative, no site development work has been started at the site and the site is empty plot.*
2. *As physically observed, the distance of the proposed site from the various approved existing operational industries/units (for which specific siting guidelines has been issued by the Board for time to time), is more than the required distance as per the siting criteria given as under:*

Sr. No.	Type of industrial unit	Required distance as per siting criteria
1.	Cement plant/grinding unit	300m
2.	Rice sheller/saila plant	500m
3.	Stone crushing/screening cum washing plant	500m
4.	Hot mix plant	300m
5.	Brick kiln	300m
6.	CBWTF	500m
7.	Poultry Farm	500m
8.	Jaggery unit	200m

3. *There is no drain, river, eco-sensitive structure within 500m boundary of the project site. However, there is 1 air polluting industry at a distance about 80m from the project boundary M/s Avdesh Tracks Pvt Ltd.*

4. *The project proponent has provided green belt at the back side towards the said industry. Also the industry has provided green belt in area of 2 acres towards the said project, having width more than 15m.*
5. *The site is complying with general siting criteria as per policy dated 30.04.2013 and specific siting guidelines as per the Department of Science, Technology, Environment, Government of Punjab notification No. 3/6/07/STE(4)/2274 dated 25.07.2008.”*

Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- (i) Sh. Gurpreet Singh, Partner M/s Hi Tech Builders and Promoters.
- (ii) Mr. Deepak Gupta, Environmental Advisor.

The Committee allowed the Environmental Consultant to present the salient features of the application proposal. Thereafter, the Environmental Consultant presented the case as under:

Sr. No.	Description	Details
1	Basic Details	
1.1	Name of Project & Project Proponent:	“The Silicon Courtyard” by M/s HI TECH BUILDERS AND PROMOTERS
1.2	Proposal:	SIA/PB/INFRA2/432965/2023
1.3	Location of Project:	Village Devinagar, Derabassi, Distt. Mohali, Punjab
1.4	Details of Land area & Built up area:	Plot area: 18171sq.m. Built up area: 39905 sq.m.
1.5	Category under EIA notification dated 14.09.2006	8(a)
1.6	Cost of the project	Rs. 60 Crores
2.	Site Suitability Characteristics	
2.1	Whether project is suitable as per the provisions of Master Plan:	Master Plan of Derabassi earmarking the location of the project submitted.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	Submitted.

3	Forest, Wildlife and Green Area											
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	A copy of NOC vide letter No. 4832 dated 14.10.2022 issued by Divisional Forest Officer, SAS Nagar wherein it has been mentioned that the project land does not covered under any forest area submitted.										
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	A copy of NOC vide letter No. 4832 dated 14.10.2022 issued by Divisional Forest Officer, SAS Nagar wherein it has been mentioned that the project land does not covered under PLPA 1900 submitted.										
3.3	Whether project required clearance under the provisions of Wildlife Protection Act 1972 or not?	A copy of NOC vide letter No. 4832 dated 14.10.2022 issued by Divisional Forest Officer, SAS Nagar wherein it has been mentioned that the project land does not covered under any forest area submitted.										
3.4	Whether the project falls within the influence of Eco-Sensitive Zone or not.	No. The project does not fall within any eco-sensitive zone.										
3.5	Green area requirement and proposed No. of trees:	Total green area: 2309 sq.m. Proposed trees to be planted: 275 nos.										
4.	Configuration & Population											
4.1	Proposal & Configuration	<p><u>Area Statement</u></p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Description</th> <th>Area (in sq.m.)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Total Plot Area</td> <td>18171 sq.m</td> </tr> <tr> <td>2</td> <td>Built up area</td> <td>39905 sq.m.</td> </tr> </tbody> </table>		Sl. No.	Description	Area (in sq.m.)	1.	Total Plot Area	18171 sq.m	2	Built up area	39905 sq.m.
Sl. No.	Description	Area (in sq.m.)										
1.	Total Plot Area	18171 sq.m										
2	Built up area	39905 sq.m.										
4.2	Population details	<p>4337 persons</p> <table border="1"> <tbody> <tr> <td>1</td> <td>Total built up area of Ground, (Commercial) floor is 4256 sqm</td> <td>@1 person / 3 sqm 4256/3</td> <td>1419 persons</td> </tr> </tbody> </table>		1	Total built up area of Ground, (Commercial) floor is 4256 sqm	@1 person / 3 sqm 4256/3	1419 persons					
1	Total built up area of Ground, (Commercial) floor is 4256 sqm	@1 person / 3 sqm 4256/3	1419 persons									

		2	Total built up area on rest of floors for commercial 17512 sqm	@1 person / 6 sqm 17512/6	2918 persons
		3	Hotel Rooms 105 @ 1.5 person/room	158	158 Persons
		4	Banquet	200	200 person
		5	Total population in commercial		4337 persons
5	Water				
5.1	Total fresh water requirement:	58 KLD Table 5: Water demand & wastewater generation calculations			
		Sl. No.	Details	Population	Total water consumption
		1.	No. of permanent population (Commercial)	434 persons @45 lit/day	20 M3/day
		2.	Floating population	3903 persons @15 lit/day	59 M3/day
		3.	Hotel Rooms	158@175 ltr/person	28 M3/day
		4.	Banquet	200 @ 75 ltr/person	15 M3/day
		5	Staff	50 @ 45 ltr/person	2 M3/day
		6	Total Domestic water required		124 M3/day
			Total Discharge @ 80% to STP		99 M3/day
			Flushing (permanent population Staff+ Banquet= 684 Flushing floating =3903 Hotel 158	persons @20 lit/day @10 lit/day @45 lit/day	14 M3/day 39 M3/day 7 M3/day
5.2	Source:	Bore wells			

5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>	No. Permission from PWRDA is not required as water demand will be met exclusively for Drinking and Domestic purpose.				
5.4	Total wastewater generation:	94 KLD				
5.5	Treatment methodology: <i>(STP capacity, technology & components)</i>	94 KLD of wastewater will be generated from the project which will be treated in proposed STP of 150 KLD capacity based on SBR Technology followed by UF.				
5.6	Treated wastewater for flushing purpose:	60 KLD				
5.7	Treated wastewater for green area in summer, winter and rainy season:	Summer: 34 KLD Winter:34 KLD Monsoon:34 KLD				
5.8	Utilization/Disposal of excess treated wastewater.	Excess treated water will be disposed for on to land for irrigation as per karnal technology (2309 Sqm)				
5.9	Cumulative Details:					
	S. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	Green area requirement
	1.	124 KLD	99 KLD	99 KLD	60 KLD	For on to land for irrigation as per karnal technology in 2309 sq.m within the premises of the project. Summer: 34 KLD Winter:34 KLD Monsoon:34 KLD
5.10	Rain water harvesting proposal:	5 Rain Water Recharging pits with dual bore have been proposed for artificial rain water recharging within the project premises.				

1.	Medical Cum First Aid	0.50	2.0	
2.	Toilets for sanitation system	2.0	1.0	
3.	Wind breaking curtains	8.0	2.0	
4.	Sprinklers for suppression of dust	3.0	2.0	
5.	Sewage Treatment Plant	50.0		5.0
6.	Solid Waste segregation & disposal	10.0		6.0
7.	RWHP	5.0		1.0
8.	Green area development	8.0		8.00
9	Smoke gun	5.0	2.0	20.00
Total		91.50	9.0	22.00
Monitoring Plan			5.90	6.90

Additional Environmental Activities:

- 6000 No. Distribution of alternatives/substitute to plastic (Jute Bag/Cloth bags etc) Through PPCB = 10 Lakh.
- Mechanical Composter at Village Devinagar capacity of 1.5 Ton/day= 50 Lakh.

The Committee was satisfied with the proposal submitted by the Project Proponent and after detailed deliberations decided to award **silver grading** and forward the case to SEIAA with a recommendation to grant Environmental Clearance for establishment of commercial project namely “The Silicon Courtyard” at Village Devinagar, Derabassi, District SAS Nagar, Punjab subject to the standard conditions:

I. Statutory compliances:

- i) The project proponent shall obtain all necessary clearances/ permissions from all relevant agencies including the town planning authority before commencement of work. All the construction shall be done in accordance with the local building bye laws.
- ii) The approval of the Competent Authority shall be obtained for the structural safety of buildings due to earthquakes, adequacy of firefighting equipment, etc. as per the National Building Code including protection measures from lightning, etc.

- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes is involved in the project.
- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.
- vi) The project proponent shall obtain the necessary permission for the abstraction of groundwater/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire Department, and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of the respective city/ town. For that, the project proponent shall submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whose jurisdiction, the site falls.
- xii) Besides the above, the project proponent shall also comply with siting criteria/guidelines, standard operating practices, code of practice, and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such types of projects.
- xiii) The project proponent shall construct the buildings as per the layout plan approved from the Competent Authority and in consonance of the project proposal for which this environment clearance is being granted.

II. Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

- ii) A management plan shall be drawn up and implemented to contain the current exceedance in the ambient air quality at the site.
- iii) The project proponent shall install a system to undertake Ambient Air Quality monitoring for common /criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as a source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel would be the preferred option. The location of the DG sets may be decided in consultation with Punjab Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke and other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, and continuous dust/ wind-breaking walls all around the site (at least 3 m height or 1/3rd of the building height and maximum up to 10 m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted.
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- x) Grinding and cutting of building material in open areas shall be prohibited. A wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within the earmarked area and roadside storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during the construction phase shall be low sulphur diesel type and shall conform to the norms and regulations prescribed under air and noise emission standards.

- xiv) The gaseous emissions from the DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xv) For indoor air quality, the ventilation provisions as per the National Building Code of India shall be complied with.
- xvi) Roads leading to or at the construction site must be paved and blacktopped (i.e., metallic roads should be built and used).
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measures will be notified at the site

III. Water quality monitoring and preservation

- i) The natural drainage system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed which obstructs the natural drainage through the site, in wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.
- iii) Buildings shall be designed to follow the natural topography as far as possible. Minimum cutting and filling should be done.
- iv) The total freshwater use shall not exceed the proposed requirement as mentioned in the application proposal.
- v) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- vi) During the construction phase, the project proponent shall ensure that the wastewater generated from the labour quarters/toilets shall be treated and disposed of in an environment-friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately designed septic tanks for the treatment of such wastewater and treated effluents shall be utilized for green area/plantation.
- vii) The project proponent shall ensure a safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- viii) The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project

proponent. The record shall be submitted to the Regional Office, MoEF&CC and SEIAA along with six-monthly monitoring reports.

- ix) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration, and the balance of water available. This should be specified separately for groundwater and surface water sources, ensuring that there is no impact on other users.
- x) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape, etc. would be considered as pervious surface.
- xi) Dual pipe plumbing shall be installed for supplying fresh water for drinking, cooking and bathing, etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, air conditioning etc.
- xii) Installation of R.O. plants in the project will be discouraged in order to reduce water wastage in form of RO reject. However, in case the requirement of installing RO plant is unavoidable, the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component or in a common place in the project premises.
- xiii) The project proponent shall also adopt the new/innovative technologies like low water discharging taps (faucet with aerators) /urinals with electronic sensor system /waterless urinals/twin flush cisterns/ sensor-based alarm system for overhead water storage tanks and make them a part of the environmental management plans/building plans so as to reduce the water consumption/groundwater abstraction.
- xiv) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/other purposes etc. and will colour code the different pipelines carrying water/wastewater from different sources / treated wastewater as follows:

Sr. No	Nature of the Stream	Color code
a)	Fresh water	Blue
b)	Untreated wastewater from Toilets/ urinal and from Kitchen	Black
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey
d)	Reject water streams from RO plants and AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White

e)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green
f)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating greywater	Green with strips
g)	Stormwater	Orange

- xv) Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents, and adopting other best practices.
- xvi) The CGWA provisions on rainwater harvesting should be followed. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of the plot area and a storage capacity of a minimum of one day of the total freshwater requirement shall be provided. In areas where groundwater recharge is not feasible, the rainwater should be harvested and stored for reuse. The groundwater shall not be withdrawn without approval from the Competent Authority.
- xvii) All recharge should be limited to shallow aquifers.
- xviii) No groundwater shall be used during the construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and should be available at the site.
- xix) Any groundwater dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any groundwater abstraction or dewatering.
- xx) The quantity of freshwater usage, water recycling, and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC, and SEIAA along with six-monthly Monitoring reports.
- xxi) Sewage shall be treated in the STP with tertiary treatment by providing ultra-filtration Technology. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing and gardening. No treated water shall be disposed of into the municipal stormwater drain.
- xxii) No sewage or untreated effluent would be discharged through stormwater drains. Onsite sewage treatment with a capacity to treat 100% wastewater will be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry / SEIAA before the project is commissioned for operation. Treated wastewater shall be reused on-site for landscape,

flushing, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest, and Climate Change. Natural treatment systems shall be promoted.

- xxiii) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxiv) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed of as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i) Ambient noise levels shall conform to the commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during the construction phase. Adequate measures shall be made to reduce noise levels during the construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii) A noise level survey shall be carried out as per the prescribed guidelines and a report in this regard shall be submitted to the Regional Officer of the Ministry as a part of a six-monthly compliance report.
- iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, earplugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures

- i) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii) Outdoor and common area lighting shall be LED.
- iii) Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased daylighting design and thermal mass, etc. shall be incorporated in the building design. Wall, window, and roof U-values shall be as per ECBC specifications.
- iv) Energy conservation measures like the installation of LEDs for lighting the area outside the building should be an integral part of the project design and should be in place before project commissioning.

- v) Solar, wind, or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) At least 30% of the rooftop area shall be used for generating Solar power for lighting in the apartments so as to reduce the power load on the grid. A separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher.

VI. Waste Management

- i) A certificate from the competent authority handling municipal solid waste, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project shall be obtained.
- ii) The Project Proponent shall install Mechanical Composter of adequate capacity to treat wet component of the Solid Waste.
- iii) Disposal of muck during the construction phase should not create any adverse effect on the neighbouring communities and should be safely disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of the competent authority.
- iv) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating the segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- v) Organic waste compost/ Vermiculture pit/ Organic Waste Converter/Mechanical Composter within the premises must be installed for treatment and disposal of the solid waste.
- vi) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie-up must be done with the authorized recyclers.
- vii) Any hazardous waste generated during the construction phase, shall be disposed of as per applicable rules and norms with the necessary approvals of the State Pollution Control Board.
- viii) Use of environment-friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
- ix) Fly ash should be used as a building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready-mixed concrete must be used in building construction.

- x) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- xi) Used CFLs and TFLs should be properly collected and disposed of or sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i) No naturally growing tree should be felled/transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department.
- ii) At least a single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure the planting of trees in the project area at the identified location, as the per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 6 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years and thereafter, protected throughout the entire lifetime of the Project. 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. The plantation should be undertaken as per SEIAA guidelines. The plantation to be carried out under Karnal Technology shall be in addition to the green area plantation of the project.
- iii) The Project Proponent shall develop a green belt with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit provided that the number of trees to be planted should not be less than one tree per 80 sqm of the total land area. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.
- iv) Where the trees need to be cut with prior permission from the concerned local Authority, a compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 saplings of the same species for every tree that is cut) shall be done and the newly planted saplings will be maintained for at least 5 years. Green belt development shall be undertaken as per the details provided in the project document.
- v) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during the plantation of the proposed vegetation on site.

- vi) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vii) The green belt along the periphery of the plot shall achieve an attenuation factor conforming to the day and night noise standards prescribed for commercial land use.
- viii) The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.

VIII. Transport

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b) Traffic calming measures.
 - c) Proper design of entry and exit points.
 - d) Parking norms as per local regulations.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a valid pollution check certificate, conform to applicable air and noise emission standards, and should be operated only during non-peak hours.
- iii) 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 km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on the cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies within this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

IX. Human health issues

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris, or working in any area with dust pollution shall be provided with dust masks.

- ii) For indoor air quality, the ventilation provisions as per the National Building Code of India should be followed.
- iii) An emergency preparedness plan based on the Hazard Identification and Risk 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, and medical health care, creche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv) Occupational health surveillance of the workers shall be done regularly.
- v) A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Environment Management Plan

- i) The company shall have a well-laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violations of the environmental / forest/wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.
- ii) A separate Environmental Cell both at the project and company headquarters level, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization.
- iii) An action plan for implementing following activities under EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority.

S. No.	Title	Construction Phase		Operation Phase
		Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recurring Cost (in Lakhs per Annum)
1.	Medical Cum First Aid	0.50	2.0	
2.	Toilets for sanitation system	2.0	1.0	
3.	Wind breaking curtains	8.0	2.0	
4.	Sprinklers for suppression of dust	3.0	2.0	

5.	Sewage Treatment Plant	50.0		5.0
6.	Solid Waste segregation & disposal	10.0		6.0
7.	RWHP	5.0		1.0
8.	Green area development	8.0		8.00
9	Smoke gun	5.0	2.0	20.00
Total		91.50	9.0	22.00
Monitoring Plan			5.90	6.90

Additional Environmental Activities:

- 6000 No. Distribution of alternatives/substitute to plastic (Jute Bag/Cloth bags etc) Through PPCB = 10 Lakh.
- Mechanical Composter at Village Devinagar capacity of 1.5 Ton/day= 50 Lakh.

XI. Validity

- This environmental clearance will be valid for a period of ten years from the date of its issue as per MoEF & CC, GoI notification No. S.O. 1807 (E) dated 12.04.2022 or till the completion of the project, whichever is earlier.

XII. Miscellaneous

- The project proponent shall obtain a completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.
- The project proponent shall comply with the conditions of CLU, if obtained.
- The project proponent shall prominently advertise in at least two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
- 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 have to publicly display the same for 30 days from the date of receipt.
- The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis.

- vi) 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 the Environment Clearance portal and submit a copy of the same to SEIAA.
- vii) 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 the same on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as SEIAA Punjab, 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.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during public hearing and also those made to SEIAA / SEAC during their presentation.
- xi) No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- xii) The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports.
- xiii) This Environmental Clearance is granted subject to final outcome of pending related cases in the Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble NGT and any other Court of Law as may be applicable to this project.

XIII. Additional Conditions

- i) The approval is based on the conceptual plan/drawings submitted with the application. In case, there is variation in built-up area/green area/ any other details in the drawings approved by the competent authority, the Project Proponent shall obtain the revised Environmental Clearance.

- ii) The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets, etc. are not disturbed so that the natural flow of rainwater, etc is not impeded or disrupted in any manner.
- iii) Authorization from Punjab Pollution Control Board shall be obtained as applicable under the Bio-Medical Waste Management Rules 2016 as amended from time to time.
- iv) The solid waste other than Bio-Medical Waste & Hazardous Waste (dry as well as wet garbage) generated should be properly collected and segregated before disposal to Municipal Authorities in accordance with the Municipal Solid Waste (Management & Handling) Rules, 2000. No municipal waste should be disposed off outside the premises in contravention of relevant rules and by-laws. Adequate measures should be taken to prevent any malodour in and around the Project premises.
- v) In the event that the project proponent decides to abandon/close the Project at any stage, he shall submit an application in the prescribed form along with requisite documents through Parivesh to SEIAA for surrendering the Environmental Clearance as per the procedure prescribed in OM dated 29.03.2022 issued by the MoEF&CC. The project proponent shall be accountable for adherence/compliance of the EC conditions till such time as the project is finally closed by SEIAA, based upon the certified closure report of Integrated Regional Offices (IROs) of MoEF&CC, Chandigarh/PPCB.
- vi) This Environmental Clearance is liable to be revoked without any further notice to the Project Proponent in case of failure to comply with condition (v) above.
- vii) 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.
- viii) The Project Proponent shall manage the solid waste generated from the project as per the sub-rule-7 of rule-4 of SWM Rules 2016.
- ix) The Ministry reserves the right to stipulate additional conditions if found necessary. The Promoter Company in a time bound manner shall implement these conditions.
- x) 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.

- xi) Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Item No.259.07: Application for Environmental Clearance under EIA notification dated 14.09.2006 for establishment of Residential group housing project namely “City of Dreams 5” at Village Dyalpura, Zirakpur, Punjab by M/s SBP Shinestar private Limited (Proposal no.SIA/PB/INFRA2/440659/2023).

The project proponent has submitted application for obtaining Environmental Clearance under EIA notification 14.09.2006 for establishment of Group Housing Project namely “City of Dreams 5”, Dyalpura, Zirakpur, Punjab by M/s SBP Shinestar private limited. The total land area of project is 9862 sq.m. having built-up area of 44931.51 sq.m. The project is covered under category 8(a) of schedule appended with the EIA notification dated 14.09.2006.

The project proponent has submitted the Checklist, Conceptual Plan, EMP, Form-I/IA and other additional documents on online portal. The Project Proponent has also deposited Rs. 89864/- vide UTR No. / Reference ID N228232597922520 dated 16.08.2023 through NEFT mode. The deposition and adequacy of the fee has been checked and verified by support staff SEIAA.

Punjab Pollution Control Board vide letter no. 7003 dated 11.09.2023 furnished construction status report. The relevant part of the report is as under:

“The project site was visited by the officer of the Board on 25.08.2023 and it was observed as under:

1. *The proposed site of the project is located at Village Dyalpur, Zirakpur, Dist. SAS Nagar. The project proponent has earmarked its site with flag poles and no boundary wall / fencing is provided.*
2. *The project proponent has not started development works at site.*
3. *As per the boundary limits of the site shown by the representative of the promoter company during the visit, there is no approved existing operational MAH industry within a radius of 250 m from the boundary of the proposed site of the project. There is no approved existing operational air polluting industry within a radius of 100 m from the boundary of the project.*
4. *As physically observed, the distance of the proposed site from the various approved existing operational industries / units (for which specific siting guidelines has been issued by the Board for time to time), is more than the required distance as per the siting criteria given as under:*

Sr. No.	Type of industrial unit	Required
1.	Cement Plant/ Grinding Unit	300 m
2.	Rice Sheller/ saila plant	500 m
3.	Stone crushing/screening cum Washing plant	500 m
4.	Hot Mix Plant	300 m
5.	Brick Kiln	300 m
6.	CBWTF	500 m
7.	Poultry farm	500 m

8.	Jaggery unit	200 m
9.	Retail Outlet (petrol pump)	50 m

5. The site of the project is conforming to the sitting guidelines laid down by the Govt. of Punjab, Department of Science Technology and Environment vide order dated 25/07/2008 as amended on 30/10/2009.

It is also mentioned here that the project proponent has not submitted proposal regarding additional land for the disposal of treated effluent till the sewer line is available at project site. Further, present STP of MC, Zirakpur is under capacity and is not adequate to handle the additional effluent load of such projects.”

Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- (i) Sh. Sarthak Garg, Director M/s SBP Shinestar Pvt Ltd.
- (ii) Mr. Deepak Gupta, Environmental Advisor.

The Committee allowed the Environmental Consultant to present the salient features of the application proposal. Thereafter, the Environmental Consultant presented the case as under:

Sr. No	Description	
1	Basic Details	
1.1	Name of Project & Project Proponent:	Residential Township Project namely “City Of Dreams 5” by M/s SBP Shinestar private limited.
1.2	Proposal:	SIA/PB/INFRA2/440659/2023
1.3	Location of Project:	Village Dyalpura, Zirakpur, Punjab
1.4	Details of Land area & Built up area:	Plot area: 9862 Sqm and built-up area will be 44931.51 Sqm
1.5	Category under EIA notification dated 14.09.2006	8(a)
1.6	Cost of the project (Rs. in crores)	54 cr
2.	Site Suitability Characteristics	
2.1	Whether project is suitable as per the provisions of Master Plan:	Master plan showing the location of the project in the residential zone submitted.

2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	Permission for Change of Land Use or approval from Competent Authority not submitted.				
3	Forest, Wildlife and Green Area					
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	No, a self-declaration in this regard submitted in the prescribed format.				
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	No, a self-declaration in this regard submitted in the prescribed format.				
3.3	Whether project required clearance under the provisions of Wildlife Protection Act 1972 or not?	No, a self-declaration in this regard submitted in the prescribed format.				
3.4	Whether the project falls within the influence of Eco-Sensitive Zone or not.	No				
3.5	Green area Requirement and proposed No. of trees:	Total green area: 2632.52 sqm Proposed trees to be planted: 150 nos.				
4.	Population	1405				
		<table border="1"> <thead> <tr> <th>No of flats</th> <th>Population</th> </tr> </thead> <tbody> <tr> <td>281</td> <td>281x5=1405</td> </tr> </tbody> </table>	No of flats	Population	281	281x5=1405
No of flats	Population					
281	281x5=1405					
5	Water					
5.1	Source:	Bore wells				
5.2	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>	No. Permission from PWRDA is not required as water demand will be utilized exclusively for Drinking and Domestic use. Total Water Requirement: 190 KLD				
5.3	Total wastewater generation:	152 KLD				

5.4	Treatment methodology: (STP capacity, technology & components)	152 KLD of wastewater will be generated from the project which will be treated in proposed STP.														
5.5	Treated wastewater for flushing purpose:	63 KLD														
5.6	Treated wastewater for green area in summer, winter and rainy season:	Summer: 14 KLD Winter: 5 KLD Monsoon: 1 KLD														
5.7	Utilization/Disposal of excess treated wastewater.	Excess treated water will be disposed of to MC sewer. A copy of the MC letter vide no.2705 dated 07.08.2023., wherein it has been mentioned that the treated waste water line of the project may be connected with main sewer line of Zirakpur after deposition of the requisite charges submitted.														
5.8	Cumulative Details:															
	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Total water Requirement</th> <th>Total wastewater generated</th> <th>Treated wastewater</th> <th>Flushing water requirement</th> <th>Green area requirement</th> <th>Into sewer</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>190 KLD</td> <td>152 KLD</td> <td>152 KLD</td> <td>63 KLD</td> <td>Summer: 14 KLD Winter: 5 KLD Monsoon: 1 KLD</td> <td>Excess will be disposed to MC sewer. Summer: 75 KLD Winter: 84 KLD Monsoon : 88 KLD</td> </tr> </tbody> </table>		S. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	Green area requirement	Into sewer	1.	190 KLD	152 KLD	152 KLD	63 KLD	Summer: 14 KLD Winter: 5 KLD Monsoon: 1 KLD	Excess will be disposed to MC sewer. Summer: 75 KLD Winter: 84 KLD Monsoon : 88 KLD
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5.9	Rain water harvesting proposal:	3 Rain Water Recharging pits with dual bore have been proposed for artificial rain water recharging within the project premises.														
6	Air															
6.1	Details of Air Polluting machinery:	DG set of 1 X 500, 1x240, 1x 125 KVA capacity will be installed for essential services such as STP, borewell, etc.														
6.2	Measures to be adopted to contain particulate emission/Air Pollution	DG set will be equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion.														
7	Waste Management															

7.1	Total quantity of solid waste generation	562 Kg/day			
7.2	Whether Solid Waste Management layout plan by earmarking the location as well as area designated for installation of Mechanical Composter and Material Recovery Facility submitted or not.	Solid waste management area has been provided and earmarked in conceptual layout plan. Recyclable component will be disposed of through authorized recycler vendors. Inert waste will be dumped to authorized dumping site.			
7.3	Details of management of Hazardous Waste.	Hazardous Waste in the form of used oil from DG set will be generated which will be managed & disposed of to authorized vendors as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and its amendments.			
8.	Energy Saving & EMP				
8.1	Power Consumption:	Description		Total	
		Electrical Power requirement (KW)		1500	
		Source		PSPCL	
8.2	Energy saving measures:	Use of LEDs is proposed in all common areas and the residents shall be educated about the huge savings in their electricity bills, if they use the LED.			
8.3	Details of activities under Environment Management Plan.				
	S. No.	Title	Construction Phase		Operation Phase
			Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recurring Cost (in Lakhs per Annum)
	1.	Medical Cum First Aid	0.50	1.0	--
	2.	Toilets for workers	2.0	1.0	--
	3.	Wind breaking curtains	8.0	2.0	--
	4.	Sprinklers for suppression of dust	2.0	2.0	--
	5.	Sewage Treatment Plant	50.0	---	4.5

	6.	Solid waste Management	10.0	--	3.0
	7.	Green belt development	15.0	--	10.0
	8.	Rain water harvesting	3.0	--	2.0
	9.	Smog gun	4.0	1.5	--
	Total		Rs. 94.50 Lakhs	Rs. 7.5 Lakhs	Rs. 19.50 Lakhs
Additional Environment activities:					
Sr. No.	Extra activities			Cost (Rs. Lacs)	
1.	36000 Jute bags distribution through PPCB/government functions			54	
Total			54		

The Project Proponent was asked to provide the alternative scheme for the disposal of treated waste water till the connection of project sewer with the MC, Sewer, as pointed out by the Punjab Pollution Control Board in their report submitted vide letter No. 7003 dated 11.09.2023. The Project Proponent agreed to provide the same.

The Committee after detailed deliberations decided to defer the case till the receipt of reply of the above said observation from the project proponent.

Item No. 259.08: Application for Environmental Clearance for establishment of Commercial Project namely "GOD GIFT COLONY" at Village bathinda and Jodhpur Ramana, Distt. Bathinda, Punjab by M/s VRC THAKUR INFRASTRUCTURE (Proposal no. SIA/PB/INFRA2/435266/2023).

The project proponent has submitted application for obtaining Environmental Clearance for Commercial Project namely "GOD GIFT COLONY" at Village bathinda and Jodhpur Ramana, Distt. Bathinda, Punjab. The total land area of the project is 57427 sqm having built-up area of 29399 sq.m. The Project is covered under category 8(a) of the schedule appended with the EIA Notification, 2006.

The project proponent has submitted the Checklist, approved plan, EMP, application form and other additional documents through Parivesh Portal. The Project Proponent has also deposited fee of Rs. 58798/- vide UTR No. N182232525870087 dated 01.07.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter no. 2513 dated 10.08.2023 furnished construction status report as under:

"In reference to the subject cited above, the site of the project was visited by the officer of the Board on 29.07.2023 and it was observed that:

- 1. The project proponent has almost completed basic civil structure work for shop No. 1 to 128 of the project. No construction has yet begun for development of shop no. 129.*
- 2. The Shop No. 130 to 142, 142A, 143 to 149, 77-Restaurant, 129-Drive Thru-2 have been partly constructed as the work regarding foundation has been complete and pillars were half done in this section. In the Ample store section, the foundation work has been completed.*
- 3. There is no industry, drain, river and eco-sensitive structures within 500m of the site. There is no MAH unit within 500m of the site. There is an educational institute, Medical Institute-cum-hospital, hospital, commercial & residential projects etc and a canal water irrigation channel within 500m radius of the site.*
- 4. The project proponent has obtained CLU (from agricultural to commercial) from MC, Bathinda vide No. 527/MTP dated 22.12.2021 and has also obtained license to develop the project from MC, Bathinda vide No. 01/2022 dated 16.05.2022, as such the site is suitable for its establishment."*

Deliberations during 259th meeting of SEAC held on 14.09.2023.

The meeting was attended by the following:

- (i) Sh. Rajesh Mishra, GM M/s VRC Thakur Infrastructure.
(ii) Mr. Deepak Gupta, Environmental Advisor.

The Committee allowed the Environmental Consultant to present the salient features of the application proposal. Thereafter, the Environmental Consultant presented the case as under:

Sr. No.	Description	Details
1	Basic Details	
1.1	Name of Project & Project Proponent:	"GOD GIFT COLONY"
1.2	Proposal:	SIA/PB/INFRA2/435266/2023).
1.3	Location of Project:	Village bathinda and Jodhpur Ramana, Distt. Bathinda, Punjab
1.4	Details of Land area & Built up area:	57427 sqm having built-up area of 29399 sq.m
1.5	Category under EIA notification dated 14.09.2006	8 (a)
1.6	Cost of the project	40 Crore
2.	Site Suitability Characteristics	
2.1	Whether project is suitable as per the provisions of Master Plan:	Not submitted.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	A copy of the permission for change of land use vide letter No. 527/MTP dated 22.12.2021 issued by Municipal Council, Bathinda for land measuring 14.240 acre for the commercial purpose in the name of M/s VRC Thakur Infrastructure's submitted.
3	Forest, Wildlife and Green Area	
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	No, the project does not involve any forest land. An undertaking has been submitted in the prescribed format.
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	Project is not covered under PLPA, 1900. An undertaking has been submitted in the prescribed format.

3.3	Whether project required clearance under the provisions of Wildlife Protection Act 1972 or not?	No, the project does not require clearance under Wildlife Protection Act 1972. An undertaking has been submitted in the prescribed format.	
3.4	Whether the project falls within the influence of Eco-Sensitive Zone or not.	No, the project does not fall in eco-sensitive zone.	
3.5	Green area requirement and proposed No. of trees:	Proposed Trees to be planted = 750 Green area=1897 sq.m	
4.	Configuration & Population		
4.1	Configuration:		
	Description	Area in acres	
	Total area of plot	14.240	
	Area under Road Widening	0.05	
	Area reserved for miniplex	1	
	Net site area (Planning Area)	13.19	
	Total saleable area		
	Shops/commercial area	25689.52 sqyards	
	Total non-saleable area	38142.81 sqyards	
	The aforementioned details are as per layout plan approved from Senior Town Planner, Department of Town & Country Planning, Punjab.		
4.2	Population & Water details:		
	Total built up area of ground in shops 21487 sqm and in multiplex area 2262 sqm, Total= 23749 sqm	Population on the floors @ 1 persons/3sqm= 23749/3	7916 persons
	Mini plex seats 999	Population	1319 Persons
	Total Population		9235 Persons
	Floating population @ 90% of the total population (7916) and 1319 persons Multiplex= 7124+1319		8443 Persons
	No. of permanent Population	822 persons @ 45 lpcd	37 KLD
	Floating population	8443 persons @ 15 lpcd	127 KLD
	Total consumption of water		164 KLD
	Total discharge @ 80% to STP		131 KLD
	Flushing	822 persons @ 20 lpcd	16 KLD
	Green area	8443 Persons @ 10 lpcd	84 KLD
		1897 sqm @ 5.5 ltr/sqm	10 KLD

5	Water	
5.1	Total fresh water requirement:	64 KLD
5.2	Source:	Bore wells
5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>	Not submitted.
5.4	Total wastewater generation:	131 KLD
5.5	Treatment methodology: <i>(STP capacity, technology & components)</i>	STP capacity of 175 KLD
5.6	Treated wastewater for flushing purpose:	100 KLD
5.7	Treated wastewater for green area in summer, winter and rainy season:	Summer: 10 KLD Winter: 03 KLD Monsoon: 01KLD
5.8	Utilization/Disposal of excess treated wastewater.	A copy of permission of excess treated wastewater discharged into sewer submitted.
5.09	Rain water harvesting proposal:	10 Rain Water Recharging pits with dual bore have been proposed for artificial rain water recharging within the project premises.
6	Air	
6.1	Details of Air Polluting machinery:	2x240 KVA & 125 KVA
6.2	Measures to be adopted to contain particulate emission/Air Pollution	DG set will be equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion.
7	Waste Management	
7.1	Total quantity of solid waste generation	1843 kg/day
7.2	Whether Solid Waste Management layout plan by earmarking the location as well as area designated for installation of Mechanical Composter and Material	Solid waste management area as Garbage Collection area has been provided and earmarked in approved layout plan. Biodegradable waste will be composted by use of 1 Composter of 60 kg/hr. Recyclable component will be disposed of through authorized recycler vendors. Inert waste will be dumped to authorized dumping site.

	Recovery Facility submitted or not.																																																																											
7.3	Details of management of Hazardous Waste.	Hazardous Waste in the form of used oil from DG set will be generated which will be managed & disposed off to authorized vendors as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and its amendments.																																																																										
8	Energy Saving & EMP																																																																											
8.1	Power Consumption:	Total power demand for the proposed project will be 2900 KW which will be provided by Punjab State Power Corporation Limited (PSPCL).																																																																										
8.2	Energy saving measures:	Solar Light 30 No. = 45 KWHD Common area (700) lights replaced with LED=378 KWHD Total Energy saved/day= 423 KWHD																																																																										
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	Distribution of alternative/substitutes for single use plastic (Through PPCB and NGO and office staff)	30.0	
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During meeting, the Committee perused the construction status report of the project submitted by Punjab Pollution Control Board vide letter no. 2513 dated 10.08.2023, wherein it has been mentioned as under:

- (i) *The project proponent has almost completed basic civil structure work for shop No. 1 to 128 of the project. No construction has yet begun for development of shop no. 129.*
- (ii) *The Shop No. 130 to 142, 142A, 143 to 149, 77-Restaurant, 129-Drive Thru-2 have been partly constructed as the work regarding foundation has been complete and pillars were half done in this section. In the Ample store section, the foundation work has been completed.*

The Committee on perusal of approved layout plan by Senior Town Planner, Bathinda vide letter No. CTP(LG)2022/38 dated 06.01.2022 viz a viz construction status report of PPCB observed that substantial construction activity had already been completed on site. Further, the Project Proponent apprised the Committee as under:

- (i) Permission for Change of Land Use for land measuring 14.240 acre for the commercial purpose was obtained from Municipal Council, Bathinda. vide letter No. 527/MTP dated 22.12.2021
- (ii) Layout plan was got approved for the total built up area of 22,337 sqm by the Senior Town Planner, Department of Town & Country Planning, Punjab.
- (iii) Licence to develop colony was issued by Municipal Corporation, Bathinda vide letter dated 16.05.2022.
- (iv) Agreement dated 30.08.2022 executed between M/s Pee Jay Infra & M/s VRC Thakur Infrastructure submitted, wherein it has been agreed to exchange the land area having Block-F – Shop/Plot No. 144 to 149, Block-G-Shop/Plot No. 77, Block-H, Shop/Plot No. 103 & also the Miniplex.
- (v) Cancellation of agreement dated 27.06.2023 executed between M/s Pee Jay Infra & M/s VRC Thakur Infrastructure submitted, wherein it has been mentioned that both parties agree that the agreement dated 30.08.2022 is being terminated as per their mutual consent.

The Committee after detailed deliberations has decided to defer the case till the receipt of reply of the below mentioned observations:

- (i) The Project Proponent shall submit the conveyance deed along with the details of approval of drawing of individual commercial plots.

- (ii) The Project Proponent shall submit the details of construction of shops, restaurants & kiosk already completed or partially completed along with their timelines.
- (iii) The Project Proponent shall submit the Consent to Establish obtained from Punjab Pollution Control Board under Water Act 1974 & Air Act, 1981.
- (iv) The Project Proponent shall submit the layout plan approved by Chief Town Planner; Punjab vide drawing No. Revised 01 dated 22.12.2021.
- (v) The Project Proponent shall submit the revise details of the activities to be carried out under the Additional Environmental Activities.
- (vi) The Project Proponent shall submit the clarification w.r.t 22337 sqm built up area as per approved layout plan and 29399 sqm built-up area as per application proposal.