

**Proceedings of the 263<sup>rd</sup> meeting of the State Environment Impact Assessment Authority (SEIAA) held on 06.10.2023 (Friday) at 10:00 AM in the Conference Hall no. 2, 1<sup>st</sup> Floor, MGSIPA Complex, Sector-26, Chandigarh.**

The meeting was attended by the following members:

- 1) Sh. H S Gujral,  
Chairman, SEIAA
- 2) Dr. Kamal Kumar Garg, IAS  
Member Secretary, SEIAA
- 3) Dr. Adarsh Pal Vig, Member SEIAA -cum  
Chairman, Punjab Pollution Control Board, Patiala

Er. Parveen Saluja, Environmental Engineer and Er. Rantej Sharma, Environmental Engineer SEIAA along with other supporting staff of SEIAA also attended the meeting.

Director, Mining, Assistant Geologist, Mining Department and other staff of the Mining Department also participated in the meeting during deliberations regarding the Agenda items pertaining to the State Mining Department.

**Item No. 01: Confirmation of the proceedings of the 260<sup>th</sup>, 261<sup>st</sup> and 262<sup>nd</sup> meeting of the State Environment Impact Assessment Authority**

The proceedings of the 260<sup>th</sup>, 261<sup>st</sup> and 262<sup>nd</sup> meetings of the State Environment Impact Assessment Authority (SEIAA) held on 12.09.2023, 15.09.2023 & 26.09.2023 have been prepared and circulated vide e-mail dated 20.09.2023, 25.09.2023 & 03.10.2023 respectively.

**Item No. 02: Action taken on the proceedings of the 258<sup>th</sup>, 259<sup>th</sup> & 260<sup>th</sup>, 261<sup>st</sup>, 262<sup>nd</sup> meeting of State Environment Impact Assessment Authority held on 29.08.2023, 31.08.2023, 12.09.2023 and 15.09.2023 respectively.**

SEIAA was apprised that the requisite action as per the decisions taken in the 258<sup>th</sup>, 259<sup>th</sup>, 260<sup>th</sup> and 261<sup>st</sup> meetings of the Authority have been completed except item no. 259.23 which is being completed shortly. Further, requisite action as per the decision taken in the proceedings of 262<sup>nd</sup> meeting of SEIAA have been completed.

SEIAA noted the same and directed the supporting staff to complete the pending action in respect of item no. 259.23.

**Item No. 263.01: Application for Environmental Clearance of Commercial Project namely “Mohali Times Square” at Village Daun (H.B. No. 27) & Balomajra (H.B. No. 32), Distt. SAS Nagar, Mohali (Punjab) by M/s KSSP Real Estate Pvt. Ltd. (SIA/PB/INFRA2/429296/2023).**

The project proponent has applied for Environmental Clearance for establishment of Commercial Project namely “Mohali Times Square” at Village Daun (H.B. No. 27) & Balomajra (H.B. No. 32), Distt. SAS Nagar, Mohali (Punjab). The total area of the project is 27,949.36 sq.m (6.90625 acres) having built-up area of 25,567.68 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, Conceptual Plan, EMP, Form-I/IA and other additional documents on online portal. He has also deposited Fees of Rs. 51,136/- vide UTR no. CBINI23135919364 dated 15.05.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter No. 4847 dated 13.07.2023 furnished the latest status report as under:

*“The proposed site of the subject cited project was visited by officer of the Board on 15.06.2023. The point wise reply of the comments sought by SEIAA from this office relating to the proposal of the subject cited project, is given as under:*

<b>Sr. No.</b>	<b>Report of point sought by SEIAA</b>	<b>Remarks</b>
1.	<i>Construction status of the proposal</i>	<ol style="list-style-type: none"> <li>1. <i>The proposed site is located at Village Balomajra and Dau.</i></li> <li>2. <i>The GPS coordinates of the site are 30.735633” N,76.685349”E.</i></li> <li>3. <i>The project proponent has earmarked the 03 side of the boundary of the project with brick wall and front side of the boundary wall covered with flags. The project proponent has completed construction/structure work of main gate.</i></li> <li>4. <i>The project proponent has not started any construction activity at the site.</i></li> <li>5. <i>The project proponent has temporarily construction sale office at the site.</i></li> </ol>
2.	<i>Status of physical structures within 500m radius of the site including the status of industries, drain, river, eco sensitive structure, if any.</i>	<p><i>The following units are located within 500m radius of the unit:</i></p> <ol style="list-style-type: none"> <li>1. <i>No rice sheller/stone crusher/hot mix plant/cement grinding unit/brick kiln exist within 500m from the proposed site.</i></li> <li>2. <i>There is no jaggery, exist within 100m of the site.</i></li> </ol>

		<p>3. There is no drain passing within or adjoining the site.</p> <p>4. There is no common bio-medical treatment facility within 500m</p> <p>5. There is no eco-sensitive area within 500m.</p> <p>6. There is no MAH industry existing within 300m.</p> <p>7. There is a 01 petroleum outlet exist adjoining the proposed site and boundary wall of the proposed site and petrol pump is common.</p>
3.	Whether the site meets within the prescribed criteria for setting up of such projects.	The proposed site is complying within the sitting guidelines framed by the Government of Punjab for such project.

*It is pertinent to mention here that the proposed site is situated within the jurisdiction of GMADA. However, the terminal STP installed in SAS Nagar (Mohali) by GMADA authorities is not adequate to cater the quantity of additional effluent of this project. The upgradation of existing STP installed by GMADA authorities is yet to be made. Further, the project proponent has not submitted any alternate scheme for the disposal of treated effluent.”*

#### **1.0 Deliberations during 258<sup>th</sup> meeting of SEAC held on 04.09.2023.**

The meeting was attended by the following:

- (i) Mr. Sachindandhara, Director M/s KSSP Real Estate Pvt Ltd.
- (ii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.
- (iii) Mrs. Jyoti Rani, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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
<b>1</b>	<b>Basic Details</b>	
1.1	Name of Project & Project Proponent:	Commercial Project namely “Mohali Times Square” by M/s KSSP Real Estate Private Limited
1.2	Proposal:	SIA/PB/INFRA2/429296/2023
1.3	Location of Project:	Village Daun (H.B. No. 27) & Balomajra (H.B. No. 32), Tehsil and Distt. SAS Nagar, Mohali (Punjab)
1.4	Details of Land area & Built up area:	Project Site Area = 27,949.36 sq.m (6.90625 acres) Built-up Area = 25,567.68 sq.m.
1.5	Category under EIA notification dated 14.09.2006	8(a)

1.6	Cost of the project	Rs. 68.50 Crores				
<b>2.</b>	<b>Site Suitability Characteristics</b>					
2.1	Whether project is suitable as per the provisions of Master Plan:	Yes. The project falls in Mixed-use zone 2 as per Master Plan of SAS Nagar.				
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	Approval for change in land use has been obtained from Directorate of Town & Country Planning, Punjab for 6.90625 acres of land vide Memo No. 753 dated 15.02.2021 submitted.				
<b>3</b>	<b>Forest, Wildlife and Green Area</b>					
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	No forest land is involved in the project. Letter in this regard has been obtained from District Forest Officer vide no. 1718 dated 06.08.2020 and is attached along with application. Self-declaration in this regard is submitted.				
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	Project is not covered under PLPA, 1900. Letter in this regard has been obtained from District Forest Officer vide no. 1718 dated 06.08.2020 and is submitted.				
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. Self-declaration in this regard is attached along with application.				
3.4	Distance of the project from the Critically Polluted Area.	Nearest Critical Polluted area is Ludhiana which is located at a distance of approx. 78 km from the project location.				
3.5	Whether the project falls within the influence of Eco-Sensitive Zone or not.	Yes. The City Bird Sanctuary is located at 9 km from the project site. The project falls outside eco-sensitive zone of the sanctuary.				
3.6	Green area requirement and proposed No. of trees:	Total proposed green area = 2798.01 sq.m. No. of trees required = 349 trees No. of trees proposed = 350 trees				
<b>4.</b>	<b>Configuration &amp; Population</b>					
4.1	Proposal & Configuration	The project will comprise of 101 Shop Cum Offices (SCOs) along with 1 toilet block.  <b>Table: Area Statement</b>				
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Total Site Area	27,949.36 (6.90 acres)
Proposed FAR	<b>19,437.012</b>
• SCO (1-21) (@ 2.25)	4,345.73
• SCO (22-26) (@ 1.75)	804.77
• SCO (27-41) (@ 2)	2,759.20
• SCO (42-63) (@ 2)	5,250.14
• SCO (64-70) (@ 2)	1,287.63
• SCO (71-101) (@ 1.75)	4,989.55
Basement Area	6,130.67
<b>Built-up area</b>	<b>25,567.68</b>
Proposed Green area (@10 %)	2,798.01

**Table: Break-up of Net Planned area**

S.NO.	Type	Area (in sq.m.)	Percentage (%)
1	Area under Commercial Plotted	9,891.306	35.39
2	Area under Toilet Block	33.446	0.12
3	Area under Water works	258.883	0.93
4	Area under EGS	146.832	0.53
5	Area under STP	168.772	0.60
6	Area under Garbage Collection	25.632	0.09
7	Area under roads, green, buffer, pavements, parking and open spaces	17,424.486	62.34
<b>Total Net Planned area</b>		<b>27,949.36</b>	<b>100.00</b>

**Table: SCO wise area details**

Description	No. of Floors	Number of SCOs	Ground Coverage (in sq.m.)	FAR (in sq.m.)
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		<b>Commercial block</b>																																							
		SCO (1-21)	Basement+G+2	21	1,931.454	4,345.73																																			
		SCO (22-26)	Basement+G+2	05	459.870	804.77																																			
		SCO (27-41)	Basement+G+2	15	1,379.610	2,759.20																																			
		SCO (42-63)	Basement+G+2	22	2,625.092	5,250.14																																			
		SCO (64-70)	Basement+G+2	07	643.818	1,287.63																																			
		SCO (71-101)	Basement+G+2	31	2,851.194	4,989.55																																			
		<b>Toilet Block</b>	Ground floor	01	33.445	-																																			
		<b>Total</b>		<b>101</b>	<b>9,924.48</b>	<b>19,437.012</b>																																			
4.2	Population details	<p>Total Population = 4476 persons.</p> <p>Details are given below:</p> <table border="1"> <thead> <tr> <th>Description</th> <th>Factors as per NBC (Number of people)</th> <th>Area (in sq.m.)</th> <th>Population</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;"><b>SCOs (Commercial)- 101 Nos.</b></td> </tr> <tr> <td>1. Ground Floor</td> <td>3 m<sup>2</sup>/person</td> <td>7,418.22</td> <td>2,473</td> </tr> <tr> <td>2. Upper Floors</td> <td>6 m<sup>2</sup>/person</td> <td>12,018.80</td> <td>2,003</td> </tr> <tr> <td><b>Sub Total</b></td> <td></td> <td><b>19,437.012</b></td> <td><b>4,476</b></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>STAFF (@ 10%)</b></td> <td><b>448</b></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>VISITORS (@ 90%)</b></td> <td><b>4,028</b></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>TOTAL POPULATION = 4,476 Persons</b></td> </tr> </tbody> </table>					Description	Factors as per NBC (Number of people)	Area (in sq.m.)	Population	<b>SCOs (Commercial)- 101 Nos.</b>				1. Ground Floor	3 m <sup>2</sup> /person	7,418.22	2,473	2. Upper Floors	6 m <sup>2</sup> /person	12,018.80	2,003	<b>Sub Total</b>		<b>19,437.012</b>	<b>4,476</b>	<b>STAFF (@ 10%)</b>			<b>448</b>	<b>VISITORS (@ 90%)</b>			<b>4,028</b>	<b>TOTAL POPULATION = 4,476 Persons</b>						
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5.1	Total fresh water requirement:	<p>Fresh water during summer season = 32 KLD. Water demand calculations are given below:</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Details</th> <th>Population</th> <th>Criteria</th> <th>Water Demand (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Staff</td> <td>448</td> <td>@ 45 lpcd</td> <td>20</td> </tr> <tr> <td>2.</td> <td>Visitors</td> <td>4,028</td> <td>@ 15 lpcd</td> <td>60</td> </tr> <tr> <td>3.</td> <td colspan="3" style="text-align: center;"><b>Water Requirement</b></td> <td><b>80</b></td> </tr> <tr> <td>4.</td> <td colspan="3">Wastewater Generation (@ 80% of water requirement)</td> <td>64</td> </tr> <tr> <td>5.</td> <td colspan="3">Treated Sewage (@ 98%)</td> <td>63</td> </tr> <tr> <td>6.</td> <td colspan="3">Flushing Water Requirement (@ 20 lpcd for floating population &amp; @ 10 lpcd for visitors)</td> <td><b>9 + 40 = 49 KLD</b></td> </tr> </tbody> </table>					Sl. No.	Details	Population	Criteria	Water Demand (KLD)	1.	Staff	448	@ 45 lpcd	20	2.	Visitors	4,028	@ 15 lpcd	60	3.	<b>Water Requirement</b>			<b>80</b>	4.	Wastewater Generation (@ 80% of water requirement)			64	5.	Treated Sewage (@ 98%)			63	6.	Flushing Water Requirement (@ 20 lpcd for floating population & @ 10 lpcd for visitors)			<b>9 + 40 = 49 KLD</b>
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		7.	<b>Total Fresh Water Demand</b>				<b>80 - 49 = 31 KLD</b>
		8.	<b>Green area water req. for 2,798.01 sq.m.</b>				
			• Summer (@ 5.5 lt./m <sup>2</sup> /day)				15
			• Winter (@ 1.8 lt./m <sup>2</sup> /day)				5
			• Monsoon (@ 0.5 lt./m <sup>2</sup> /day)				1
5.2	Source:	Borewells					
5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>	Permission has been obtained from Punjab Water Regulation and Development Authority (PWRDA) for extraction of ground water from borewells. Copy of permission is submitted along with application.					
5.4	Total wastewater generation:	64 KLD					
5.5	Treatment methodology: <i>(STP capacity, technology &amp; components)</i>	Proposed STP of 100 KLD capacity based on MBBR Technology followed by UF.					
5.6	Treated wastewater for flushing purpose:	Total treated water for flushing = 49 KLD					
5.7	Treated wastewater for green area in summer, winter and rainy season:	Summer: 15 KLD Winter: 5 KLD Monsoon: 1 KLD					
5.8	Utilization/Disposal of excess treated wastewater.	Excess treated wastewater will be disposed of to GMADA sewer. The Project Proponent has submitted a copy of permission letter from GMADA issued vide No. 3090 dated 25.08.2023 for connecting with GMADA trunk sewer for surplus treated wastewater.					
5.9	Cumulative Details:						
	<b>Sr. No.</b>	<b>Total water Requirement KLD</b>	<b>Total wastewater generated KLD</b>	<b>Treated wastewater KLD</b>	<b>Flushing water requirement KLD</b>	<b>Green area requirement KLD</b>	<b>Into sewer KLD</b>
	1.	80 KLD	64 KLD	63 KLD	49 KLD	Summer-15 KLD Winter-5 KLD	Summer- Nil Winter-9 KLD



						Monsoon-1 KLD	Monsoon -13 KLD
5.1 0	Rain water harvesting proposal:	03 Rain water recharging pits with dual bore have been proposed for artificial rain water recharging within the project premises.					
6	<b>Air</b>						
6.1	Details of Air Polluting machinery:	1 DG set of 62 kVA capacity.					
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	<b>Waste Management</b>						
7.1	Total quantity of solid waste generation	Total solid waste generation = 895 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	Yes. Biodegradable waste will be converted into manure using 1 Composter of 500 kg capacity. Non-biodegradable waste (recyclable waste) will be disposed off through authorized recycler vendors. Inert waste will be dumped at 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 off to authorized vendors as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and its amendments.					
8	<b>Energy Saving &amp; EMP</b>						
8.1	Power Consumption:	Total Power load = 2,112 KW/2,347 KVA					
8.2	Energy saving measures:	Solar panels have been proposed on the roof top of the SCOs. The total area covered by solar panels will be 1,380 sq.m. which is @ 30% of roof top area which will generate 100 KW of power generation.					
8.3	Details of activities under Environment Management Plan.	Submitted.					

During meeting, the Committee perused the construction status report of the project and observed that Punjab Pollution Control Board mentioned in its report that the proposed site is situated within the jurisdiction of GMADA. However, the terminal STP installed in SAS Nagar (Mohali) by GMADA authorities is not adequate to cater the quantity of additional effluent of this project. The upgradation of existing STP installed by GMADA authorities is yet to be made. Further, the project proponent has not submitted any alternate scheme for the disposal of treated effluent.

In this regard, the Committee perused the Chief Engineer GMADA letter No. GMADA/CE/2022/215 dated 23.02.2022 addressed to Chairman (SEIAA), wherein it has been mentioned that GMADA has already allotted the work of augmentation of STP in Sector 83 Mohali from 10 MGD to 15 MGD and upgrading its technology to SBR at total cost of Rs. 145 Crore. Further, out of 15 MGD, GMADA is also constructing tertiary treatment plant of 5 MGD capacity on Ultra-filtration technology. This plant would take care of the sewage generated from Sector 48 to Sector 81 in Master Plan of Mohali.

The Committee further observed that the capital cost for installation of STP in EMP is on lower side. Further, no details of the Additional Environmental Activities have been given. The Committee asked the Project Proponent to submit the revised EMP along with Additional Environmental Activities. The Project Proponent agreed to the same and submitted the revised EMP and Additional Environmental Activities as under:

**Table-1**

Sr. No.	Title	Capital Cost (In Lakhs)	Recurring cost (In Lakhs/Annum)	
			Construction phase	Operation Phase
1	Air & Noise Pollution Management (Acoustic enclosure for DG set, tarpaulin sheets/barricading, water sprinklers, Maintenance of machinery & PPE's, anti-smog guns, etc.)	20	5	2
2	Water Pollution Control (STP of 100 KLD capacity based on MBBR technology followed by UF)	70	1.5	5
3	Landscaping (planting & maintenance of 350 trees)	7	1	5
4	Solid Waste Management (1 composter of 500 kg)	15	2	4
5	Rain water Harvesting (3 pits with dual bore)	12	0.5	3
6	Energy Conservation (LED lights in common areas, 100 KW solar panel, etc.)	40	1	5
7	Miscellaneous (Environment monitoring cost, Management of Environment Cell, etc.)	2	1	5
	<b>Total</b>	<b>166</b>	<b>12</b>	<b>29</b>

### Additional Environmental Activities:

Sr. No.	Activities	Cost (In lakhs)
1.	Adoption and maintenance of 1 pond (1 acre) as well as construction of boundary wall and park development in Village Balongi	25+5+6=36
2.	Adoption and maintenance of 1 pond (0.5 acre) in Village Daun	12.5
3.	Adoption and maintenance of 1 pond (0.75 acre) in Village Ballomajra	20
	<b>Total amount to be spend under Additional environmental Activities</b>	<b>Rs. 68.5 Lacs</b>

On perusal of the proposal for development of green area, the Committee observed that the project proponent has proposed green area on the land beneath which the services have been laid as per the approved layout plan. The Committee observed that the proposed scheme does not seem to be feasible and asked the Project Proponent to submit the revised proposal for development of green area. The Project Proponent submitted the revised plan for green area development.

The Committee perused the revised green area development plan during the meeting and found the same unsatisfactory. As such, the Project Proponent was asked to submit a proper & workable plan for consideration by the Committee.

After detailed deliberations, SEAC decided to defer the case till the Project Proponent submits the revised plan for green area development.

### 2.0 Deliberations during 260<sup>th</sup> meeting of SEAC held on 25.09.2023.

The meeting was attended by the following:

- (i) Mr. Sachindandhara, Director M/s KSSP Real Estate Pvt Ltd.
- (ii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.
- (iii) Mrs. Jyoti Rani, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

During the meeting, the Committee on perusal of the revised green area development plan observed that the green area proposed near car parking will interfere with the movement of the vehicles. In this regard, the Project Proponent proposed to provide additional mechanical car parking of 37 ECS near the SCO No. 10 to 21 and submitted an undertaking in this regard. The Committee was satisfied with the proposal.

After detailed deliberations, the Committee decided to award silver grading and forward the case to SEIAA with a recommendation to grant Environmental Clearance for Commercial Project namely "Mohali Times Square" at Village Daun (H.B. No. 27) & Balomajra (H.B. No. 32), Distt. SAS Nagar, Mohali (Punjab), Punjab subject to the standard conditions.

### 3.0 Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023, which was attended by the following:

- (i) Mr. Sachindandhara, Director M/s KSSP Real Estate Pvt Ltd.
- (ii) Ms. Priyanka Madan, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

Environmental consultant presented salient features of the project.

During the meeting, SEIAA raised certain queries to which Environmental Consultant replied as under:

Sr. No.	Query raised by SEIAA	Reply Submitted
1	As to whether application for obtaining EC has been submitted on the basis of the conceptual or the approved layout plan	Environmental Consultant submitted that the application has been submitted based upon the layout plan approved by the CTP vide no. 204 CTP(PB) 21-7 dated 14.01.2022.
2	What is the Distance of Sukhna Wildlife Sanctuary from the nearest project boundary	Environmental Consultant informed that the Sukhna Wildlife Sanctuary is located at a distance of 13.8 Km from the nearest project boundary.
3	Why the basement area has not been considered for the calculation of population	Environmental Consultant informed that the basement area shall be utilized for storage purposes only.
4	Whether NOCs for adoption of ponds in village Balongi Daun & Ballomajra have been obtained	Environmental Consultant informed that NOCs for adoption of ponds in village Balongi Daun & Ballomajra have already been obtained

SEIAA was satisfied with the reply given by the Environmental Consultant.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of Commercial Project namely “Mohali Time Square” at Village Daun (Hadbast No. 27) & Balomajra (Hadbast No. 32), District SAS Nagar, Punjab in area of 27,949.36 sqm having built-up area of 25,567.68 sqm as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures and subject to the conditions recommended by SEAC and additional conditions as under:

- 1) Plantation activities should be commenced at the earliest and completed within 1 year. 8 Feet tall plants of indigenous tree species should be planted.
- 2) The Project Proponent shall ensure that no occupancy will be given in the project until sewer of the project is connected with sewer of GMADA and its further connection with the terminal STP.
- 3) The Project Proponent shall ensure that the basement area of the project shall be utilized for storage purposes only.

**Item No. 263.02: Application for Environmental Clearance for expansion of existing Steel Manufacturing Unit at Village Kumbh, Amloh Road, Mandi Gobindgarh, District. Fatehgarh Sahib, Punjab by M/s P.P Castings (Proposal No. SIA/PB/IND1/441939/2023)**

The industry is an existing unit and was granted consent to operate under the provisions of Water Act 1974 & Air Act, 1981 for manufacturing of steel ingots/billets (CCM) @ 84 MTD or steel strips patra (rolling mill section) @ 84 MTD, which are valid up to 22.11.2023.

Further, the industry was granted Terms of Reference vide letter No. SEIAA/MS/2022/259 dated 12.07.2022 for carrying out EIA study for obtaining Environmental Clearance under the EIA notification dated 14.09.2006.

The industry has submitted final EIA report after incorporating the compliance of Terms of Reference (ToRs) for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for expansion of existing steel manufacturing unit for production capacity of 300 TPD (1,05,000 TPA) of Billets/Ingots or Strips/Patra with 2 Induction Furnaces of capacity 10 TPH each and Rolling Mill at Village Kumbh, Amloh Road, Mandi Gobindgarh, District. Fatehgarh Sahib, Punjab. 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 19.8173 Crore.

The industry has submitted Checklist, Synopsis and other additional documents through Parivesh portal. The industry has also deposited Rs. 49,545/- vide NEFT No. PUNBH22126606275 dated 06.05.2022 (25%) and Rs. 1,48,630 (75%) vide UTR No. 5128745110 dated 23.08.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter No. 16630-633 dated 19.07.2023 furnished the comments on the suitability of site, construction status and pollution control status as under:

***“Air Pollution:*** *The industry has proposed to expansion its unit by replacing existing induction furnace of 7 TPH capacity with 10 TPH capacity and by installing another additional induction furnace of 10 TPH capacity in addition to existing rolling mill. It has proposed to install separate side suction hood, spark arrestor, bag house and ID fan as separate APCDs as per the design of PSCST Chandigarh.*

***Water Pollution:*** *There will be no generation of trade effluent. It has proposed domestic effluent generation @ 3.2 KLD, which will be treated in STP of 5.0 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 @ 0.8 TPD and 5.1 @ 0.4 KL/year, which will be disposed of to authorized utilize 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.”*

### **1.0 Deliberations during 260<sup>th</sup> meeting of SEAC held on 25.09.2023.**

The meeting was attended by the following:

- (i) Mr. Vijay Data, Partner M/s PP Casting.  
(ii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.  
(iii) Mrs. Jyoti Rani, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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 No.	Details
<b>1.</b>	<b>Basic Details</b>	
1.1	Name of Project & Project Proponent:	<b>Project Name:</b> Expansion of Existing Steel Manufacturing Unit namely "P.P Castings" located at Village Kumbh, Amlah Road, Mandi Gobindgarh, District. Fatehgarh Sahib, Punjab <b>Project Proponent:</b> M/s P.P Castings <b>Applicant:</b> Vijay Data (Partner)
1.2	Proposal:	SIA/PB/IND1/441939/2023
1.3	Location of Industry:	Village Kumbh, Amlah Road, Mandi Gobindgarh, District. Fatehgarh Sahib, Punjab
1.4	Details of Land area & Built up area:	<b>Total Land area:</b> 18,736.78 sq.m (4.63 acres) Area under road widening = 961.53 sqm Net planned area = 17,775.25 sqm.
1.5	Category under EIA notification dated 14.09.2006	3(a)
1.6	Cost of the project	<b>Existing cost:</b> Rs. 15.5073 Crores <b>Proposed cost:</b> Rs. 4.31 Crores <b>Total cost:</b> Rs. 19.8173 Crores
1.7	Compliance of Public Hearing Proceedings	Detailed Action Plan has been submitted as Annexure enclosed.
<b>2.</b>	<b>Site Suitability Characteristics</b>	
2.1	Whether site of the industry is suitable as per the provisions of Master Plan:	The project falls in Industrial Zone as per Master Plan of Mandi Gobindgarh Industrial zone. Master Plan with marked project location has been submitted.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/ building plan approval status)	Landuse Classification letter has been obtained from DTP Fatehgarh Sahib vide letter No. 127-DTP(FGS)/NG62 dated 31.01.2022, wherein it has been mentioned that the land area measuring 4.63 acre falls in industrial zone as per the notified Master Plan, Mandi Gobindgarh.
<b>3</b>	<b>Forest, Wildlife and Green Area</b>	

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. Self-declaration regarding the same has been 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.																										
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 location.																										
3.4	Whether the industry falls within the influence of Eco-Sensitive Zone or not. (Specify the distance from the nearest Eco sensitive zone)	Not applicable																										
3.5	Green area requirement and proposed No. of trees:	<p>Total green area: 5,871.43 sq.m, within project premises (33%)  Total 881 no. of trees to be planted @ 1,500 trees per hectare of green area.</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Area Identification</th> <th>Green area (in sq.ft.)</th> <th>No. of trees</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>A</td> <td>24,539</td> <td>343</td> </tr> <tr> <td>2.</td> <td>B</td> <td>7,000</td> <td>98</td> </tr> <tr> <td>3.</td> <td>C</td> <td>8,000</td> <td>11</td> </tr> <tr> <td>4.</td> <td>D</td> <td>23,661</td> <td>329</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>63,200</b></td> <td><b>881 trees</b></td> </tr> </tbody> </table>			S. No.	Area Identification	Green area (in sq.ft.)	No. of trees	1.	A	24,539	343	2.	B	7,000	98	3.	C	8,000	11	4.	D	23,661	329	<b>Total</b>		<b>63,200</b>	<b>881 trees</b>
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4.	<p><b>Raw material, Products and Machinery details are as under:</b>  <b>Raw Material:</b></p> <table border="1"> <thead> <tr> <th>Raw Materials</th> <th>Existing</th> <th>Proposed</th> <th>Total after expansion</th> <th>Source</th> </tr> </thead> <tbody> <tr> <td>Scrap &amp; Ferro Alloys</td> <td>89 TPD (31,150 TPA)</td> <td>231 TPD (80,850 TPA)</td> <td>320 TPD (1,12,000 TPA)</td> <td>Mostly from Local suppliers of Mandi</td> </tr> </tbody> </table>				Raw Materials	Existing	Proposed	Total after expansion	Source	Scrap & Ferro Alloys	89 TPD (31,150 TPA)	231 TPD (80,850 TPA)	320 TPD (1,12,000 TPA)	Mostly from Local suppliers of Mandi														
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				Gobindgarh/ Ludhiana	
<b>Products:</b>					
	<b>Product Name</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total after expansion</b>	
	Ingots/Billets or Strip/Patra	84 TPD (29,400 TPA)	216 TPD (75,600 TPA)	300 TPD (1,05,000 TPA)	
<b>Machinery:</b>					
	<b>S. No.</b>	<b>Machinery</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total after expansion</b>
	1.	Induction Furnaces	1 × 7 TPH	Replacement of existing IF of capacity 7 TPH with 10 TPH & addition of new IF of capacity 10 TPH	2 × 10 TPH each
	2.	Rolling Mill	1 No.	--	1 No.
4.2	Population details		Details of manpower is given below: <b>Existing:</b> 30 persons <b>Proposed:</b> 50 persons <b>Total after expansion:</b> 80 persons. No workers will be residing within project premises.		
<b>5</b>	<b>Water</b>				
5.1	Total water requirement:		<b>Details</b>	<b>Existing (KLD)</b>	<b>After expansion (KLD)</b>
			Makeup water demand for cooling purpose	10	36
			Domestic water demand	2	4
			Green area water demand	-	32
			<b>Total</b>	<b>12 KLD</b>	<b>72 KLD</b>
5.2	Source:		Ground water (Borewells)		
5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) Details thereof		No; permission will be obtained from PWRDA regarding ground water approval.		

5.4	Total water requirement for domestic purpose:	<b>Details</b>	<b>Existing (KLD)</b>	<b>After expansion (KLD)</b>			
		Domestic water demand	2	4			
5.4.1	Total wastewater generation:	Domestic – 32 KLD					
5.4.2	Treatment methodology for domestic wastewater: (STP capacity, technology & components)	Wastewater generated from Domestic use will be treated in proposed STP of capacity 5 KLD with MBBR technology. Treated water will be used for horticulture purpose within project premises.					
5.5	Total water requirement	72 KLD; out of which, fresh water requirement will be 69 KLD.					
5.5.1	Total effluent generation:	No industrial effluent is being generated from the unit and even after expansion no industrial effluent will be generated.					
5.5.2	Treatment methodology for industrial wastewater: (ETP capacity, technology & components)	Not applicable, as no industrial effluent will be generated.					
5.6	Details of utilization of treated wastewater into green area in summer, winter and rainy season	Wastewater generated from domestic will be treated through STP and will be used for plantation within premises.					
		<b>Sr No.</b>	<b>Season</b>	<b>Flushing purposes (KLD)</b>	<b>Green area sq. m (KLD)</b>	<b>Cooling purpose (KLD)</b>	<b>MC Sewer (KLD)</b>
		1.	Summer	--	3	--	--
		2.	Winter	--	3	--	--
3.	Monsoon	--	3	--	--		
5.7	Cumulative Details: Water Consumption for Summer, Winter & Rainy (KLD)						
	<b>S. No.</b>	<b>Total water Requirement</b>	<b>Total wastewater generated</b>	<b>Treated wastewater</b>	<b>Treated wastewater reuse</b>	<b>Green area requirement</b>	<b>Into sewer</b>

	1.	<b>72 KLD</b> <ul style="list-style-type: none"> <li>• Domestic water demand 4 KLD</li> <li>• Make-up water demand for cooling 36 KLD</li> <li>• Green area water demand 32 KLD</li> </ul>	3.2 KLD	3 KLD	3 KLD (Reused for horticulture purpose)	32 KLD (for Summer season @ 5.5 lt/sq.m./day)  10.5 KLD (for Winter season @ 1.8 lt/sq.m./day)  3 KLD (for Monsoon season @ 0.5 lt/sq.m./day)	0
5.8	Rain water harvesting proposal:		Rainwater recharging will be done outside of project premises by adopting pond. Therefore, pond located in Village Kumbh adopted for rain water recharging. NOC has been obtained for pond adoption from Village Sarpanch. Copy of the NOC along with detailed rainwater recharging proposal is submitted.				
6	<b>Air</b>						
6.1	Details of Air Polluting Machinery and APCDs installed are as under: <b>Existing:</b>						
	<b>S. No.</b>	<b>Source</b>	<b>Capacity</b>	<b>Chimney Height</b>	<b>APCD</b>	<b>Fuel Used</b>	
	1.	<b>Induction Furnace</b>	1 × 7 TPH	30 m	Side Suction Hood followed by Pulse Jet Bag Filter of capacity 36,000 CMH	Electricity	

	2.	<b>DG Set</b>	1 × 125 KVA	2.5 m	Not required	H.S.D.	
6.2	<b>Air Pollution Control Measures: Total After Expansion:</b>						
	<b>S. No.</b>	<b>Source</b>	<b>Capacity</b>	<b>Chimney Height</b>	<b>APCD</b>	<b>Fuel Used</b>	
	1.	<b>Induction Furnaces</b>	2 × 10 TPH each	30 m each	Side Suction Hood followed by Pulse Jet Bag Filter of capacity 50,000 CMH each	Electricity	
	2.	<b>DG Sets</b>	1 × 125 KVA & 1 × 350 KVA	2.5 m & 3.75 m	Not required	H.S.D.	
<b>7</b>	<b>Waste Management</b>						
7.1	Total quantity of solid waste generation		Approx. 10 TPD of slag generated; out of which 20% will be reused for metal recovery within the project premises and remaining 80% will be given to M/s G.S.K Interlock Tiles for co-processing. A copy of agreement executed with said agency submitted.				
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 & its amendments.				
7.3	Details of management of Hazardous Waste.		Details of the hazardous waste generated is given below:				
	<b>No.</b>	<b>Waste category</b>	<b>Existing</b>	<b>After expansion</b>	<b>Disposal</b>		
	1.	Category 5.1 Used oil	0.02 KLA	0.4 KLA	Will be given to authorized vendor		
	2.	Category 35.1 APCD dust	0.12 TPD	0.8 TPD	Agreement done with M/s Madhav KRG Ltd.		
<b>8</b>	<b>Energy Saving &amp; EMP</b>						
8.1	Power Consumption:		<b>Description</b>	<b>Unit</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>
			Power load	KVA	4,000	6,000	10,000
			DG sets	KVA	1 × 125	1 × 350	1 × 125 &

						1 × 350
		Source: PSPCL				
8.2	Energy saving measures:	LEDs has been provided in place of CFLs.				
8.3.	<b><u>Environmental Management Plan</u></b>					
	<b>S. No.</b>	<b>Environmental Protection Measures</b>	<b>Capital Cost (Lakhs)</b>	<b>Recurring Cost (Lakhs/year)</b>		
	1.	Air Pollution Control (Installation of APCD along with continuous emission monitoring system)	120	2.5		
	2.	Water Pollution Control (Installation, operation and maintenance of STP of capacity 5 KLD)	5	1.5		
	3.	Noise Pollution Control (Including acoustic enclosure for DG sets, ear plug etc.)	3	1		
	4.	Landscaping (development of green area) including tree guard	9	9		
	5.	Solid Waste Management (Management & disposal of Slag and Hazardous waste)	3	0.5		
	6.	Environment Monitoring & Management	3	5		
	7.	Health, Safety & Risk Assessment (Medical check-up, ESI and PPE kit for workers)	2	1		
	8.	Miscellaneous	2	0.5		
	9.	Additional Environmental Activities*	22	-		
	<b>Total</b>		<b>Rs. 169 lakhs</b>	<b>Rs. 21 lakhs</b>		
	<b><u>Additional Environmental Activities*</u></b>					
	Mr. Vijay Data (Partner) will be responsible for implementation of the Additional Environmental activities. Total cost of the project is Rs. 19.81 Crores. Therefore, 1% of the total cost will be spent on additional Environmental activities, which comes out to be Rs. 20 Lakhs. However, total amount of Rs. 22 lakhs will be spent as per the details given below:					
	<b>S. No.</b>	<b>Activity</b>	<b>Amount</b>			

1.	<b>Rain Water Harvesting</b> Beautification and de-silting of pond located at Village Kumbh having area of 0.70 acres for rainwater harvesting	Rs. 7 lakhs
2.	Tree plantation in Village Kumbh playground and other areas	Rs. 5 lakhs
3.	Additional Activity as per proceedings of Public hearing Construction of washrooms in Village Kumbh Govt. School	Rs. 10 lakhs
<b>Total</b>		<b>Rs. 22 Lakhs</b>

**Summary of Public Hearing Proceedings of District Fatehgarh Sahib, Punjab**

S. 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
1.	Mr. Gurinderpal Singh, Sarpanch	Mr. Gurinderpal Singh, Sarpanch requested that washrooms should be constructed in the village school, trees be planted, the village playground has been prepared in which new plants should be planted.	The Environmental Consultant of the industry said that proposal of Mr. Gurinderpal Singh, Sarpanch shall be included in the final EIA report which will be put up before SEIAA for consideration.	Overall an amount of Rs. 22 lakhs have been allocated for various welfare activities in the Village Kumbh. Rs. 2 lakhs will be spent on Construction of washrooms in Village Kumbh School immediately after grant of Environmental Clearance. In addition of above, Rs. 20 lakhs (@ 1% of the total project cost) have been allocated for Additional Environmental Activities in the Village Kumbh as per

				<p>the details given below:</p> <ul style="list-style-type: none"> <li>• Rs. 15 lakhs for Rejuvenation of pond located in the Village Kumbh</li> <li>• Rs. 5 for tree plantation in Village School &amp; Village playground</li> </ul>
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The Committee was satisfied with the presentation given 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 expansion of existing Steel Manufacturing Unit at Village Kumbh, Amloh Road, Mandi Gobindgarh, District. Fatehgarh Sahib, Punjab subject to the standard conditions.

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- (i) Mr. Vijay Data, Partner M/s PP Casting.
- (ii) Ms. Priyanka Madan, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

Environmental Consultant presented the salient features of the project.

To a query by SEIAA why green area of 31.34% is being proposed against the statutory requirement of 33%, Environmental Consultant informed that they have made the provision of 33% Green Area i.e. 5,871.43 sqm of the net planned area i.e. 17,775.25 sqm, within the project site. The difference of 1.66% is due to the reason that the area under road widening i.e. 961.53 sqm has been deducted from the total land area of 18,736.78 sqm as the same has been excluded from the Project area by the industry as per the direction given by the concerned department.

Further, revised EMP along with AEA submitted by the Project Proponent is as under:

**Environmental Management Plan**

<b>Table-1</b>			
<b>S. No.</b>	<b>Environmental Protection Measures</b>	<b>Capital Cost (Lakhs)</b>	<b>Recurring Cost (Lakhs/year)</b>
1	Air Pollution Control (Installation of APCD along with continuous emission monitoring system)	120	2.5
2	Water Pollution Control (Installation, operation and maintenance of STP of capacity 5 KLD)	5	1.5
3	Noise Pollution Control (Including acoustic enclosure for DG sets, ear plug etc.)	3	1
4	Landscaping (development of green area) including tree guard	9	9
5	Solid Waste Management (Management & disposal of Slag and Hazardous waste)	3	0.5
6	Environment Monitoring & Management	3	5
7	Health, Safety & Risk Assessment (Medical check-up, ESI and PPE kit for workers)	2	1
8	Miscellaneous	2	0.5
9	Funds to be spent for the activities committed during public hearing.	8	-
i	Tree plantation in village Kumbh School & Village Kumbh Playground	5	-
ii	Construction of washrooms in Village Kumbh School.	3	-
10	Additional Environmental Activities	20	-
	<b>Total</b>	<b>Rs. 175 lakhs</b>	<b>Rs. 21 lakhs</b>
<b>Additional Environmental Activities</b>			
<b>Table-2</b>			
<b>Sr No.</b>	<b>Activity</b>	<b>Amount</b>	
1	Adoption and maintenance of pond located at village Kumbh having area of 0.70 Acre as given below: i) Nano-Bubble technology to treat wastewater discharge into the pond ii) Tree plantation of 6ft. size around the pond Removal of solid waste, sludge, silt from the pond	Rs. 15 lakhs	
2	Plantations through Forest Department under Greening Punjab Mission	Rs. 5 lakhs	
	<b>Total</b>	<b>Rs 20 Lakhs</b>	



SEIAA was satisfied with reply of the project proponent. A copy of the revised presentation submitted by project proponent was also taken on record.

After detailed deliberations and examination of relevant documents including EIA report and proceedings of the public hearing, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for expansion of steel manufacturing unit for production of 1,05,000 TPA (300 TPD) of steel ingots/billets or strips/patra by replacing the existing induction furnace of capacity 7 TPH with 2 x 10 TPH furnaces located at Village Kumbh, Amloh Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab by M/s PP Castings, as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and their consultant with proposed measures and subject to the conditions proposed by SEAC and the following additional conditions:

- i) The project proponent shall undertake revised EMP and revised AEA activities as per Tables I and II above, respectively.
- ii) The project proponent will commence the tree plantation work within the project premises at the earliest and complete the same within 1 year. 8 ft. tall plants of indigenous tree species should be used for plantation.

**Item No.263.03: Application for Environmental Clearance under EIA notification dated 14.09.2006 for establishment of proposed Commercial Project namely “Shopping Complex” at Hadbast No. 286, Village Chhat, Tehsil Zirakpur, Distt. SAS Nagar (Mohali), Punjab by M/s Aerocity Business Centre (Proposal No. SIA/PB/INFRA2/440947/2023)**

The project proponent has applied for obtaining Environment Clearance under EIA notification dated 14.09.2023 for construction of the proposed Commercial Project “Shopping Complex” at Hadbast No. 286, Village Chhat, Tehsil Zirakpur, Distt. SAS Nagar (Mohali), Punjab. The total area of the project is 8,319.467 sq.m having built-up area of 26,117.466sq.m. The project is covered under category 8(a) of the schedule appended with the EIA Notification dated 14.09.2023.

The project proponent submitted Conceptual plan, online form and other additional documents through Parivesh portal. He has also deposited Rs. 52,235/- vide UTR No. FDRLH23233494396 dated 21.08.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter No. 6500 dated 25.08.2023 furnished the latest construction status report 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:*

<b>Sr. No.</b>	<b>Type of industrial unit</b>	<b>Required distance as per siting criteria</b>
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

4. *There is no drain, river, eco-sensitive structure within 500m boundary of the project site. Further, there is no air pollution industry within the 100m of the project.*
5. *The site is complying within 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 258<sup>th</sup> meeting of SEAC held on 04.09.2023.**

The meeting was attended by the following:

- (i) Mr. Lakshit Gupta, Partner M/s Aerocity Business Centre.
- (ii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.
- (iii) Mrs. Jyoti Rani, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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

<b>S. No.</b>	<b>Description</b>	<b>Details</b>
<b>1</b>	<b>Basic Details</b>	
1.1	Name of Project & Project Proponent:	Proposed Commercial Project namely "Shopping Complex" by M/s Aerocity Business Centre <b>Project Proponent:</b> Jagdish Kumar Gupta (Partner)
1.2	Proposal:	SIA/PB/INFRA2/440947/2023
1.3	Location of Project:	Hadbast No. 286, Village Chhat, Tehsil Zirakpur, Distt. SAS Nagar (Mohali), Punjab
1.4	Details of Land area & built-up area:	Land area: 8,319.467 sq.m Built up area: 26,117.466 sq.m
1.5	Category under EIA notification dated 14.09.2006	8(a)
1.6	Cost of the project	Rs. 23 Crores
<b>2.</b>	<b>Site Suitability Characteristics</b>	
2.1	Whether project is suitable as per the provisions of Master Plan:	As per Master Plan of Zirakpur, project site falls within residential proposed.
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 vide letter No. 2294 dated 24.05.2023 issued by Additional Deputy Commissioner (Urban Development), SAS Nagar for land area measuring 9950 sqyard issued in the name of M/s Aerocity Business Centre submitted.
<b>3</b>	<b>Forest, Wildlife and Green Area</b>	
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	No, a self-declaration in the prescribed format submitted.

3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	No, a self-declaration in the prescribed format submitted.					
3.3	Whether project required clearance under the provisions of Wildlife Protection Act 1972 or not:	No, a self-declaration in the prescribed format submitted.					
3.4	Whether the project falls within the influence of Eco-Sensitive Zone or not.	No, there is no Eco-Sensitive areas falls within 10 km radius of the project site.					
3.5	Green area requirement and proposed No. of trees:	Green area: 482.221 sq.m. No. of tree to be planted: 104					
<b>4.</b>	<b>Configuration &amp; Population</b>						
4.1	Proposal & Configuration						
	<b>S. No.</b>	<b>Description</b>	<b>Area (in sq.ft)</b>	<b>Area (in sq.m)</b>			
	1.	Total Plot area	89,550	8,319.467			
	2.	Area Under Road Widening	4,146.525	3,85.225			
	3.	Net Plot Area	85,403.475	7,934.242			
	4.	<b>FAR (1:2.445)</b>	<b>2,08,779.349</b>	<b>19,396.236</b>			
		• Block A	• 1,01,367.079	• 9,417.310			
		• Block B	• 1,07,412.270	• 9,978.926			
	5.	<b>Non-FAR</b>	<b>72,346.72</b>	<b>6,721.23</b>			
		• Basement	• 70,044.595	• 6,507.356			
		• Other areas	• 2,302.125	• 213.874			
	11.	<b>Built-up Area (FAR + Non FAR)</b>	<b>2,81,126.069</b>	<b>26,117.466</b>			
	12.	Green area	5,190.582	482.221			
	<b>Floor wise details:</b>						
	<b>S. No.</b>	<b>Floor</b>	<b>FAR Area (in sq.ft)</b>	<b>Non-FAR Area (in sq.ft)</b>	<b>FAR Area (in sq.m)</b>	<b>Non-FAR Area (in sq.m)</b>	<b>Builtup Area (in sq.m)</b>

	1.	<b>Block A</b>					
		Lower Ground Floor	19,423.125	--	1,804.467	--	1,804.467
		Upper Ground Floor	20,972.314	--	1,948.392	--	1,948.391
		First Floor	20,223.125	--	1,878.790	--	1,878.790
		Second Floor	20,223.125	--	1,878.790	--	1,878.790
		Third Floor	20,223.125	--	1,878.790	--	1,878.790
		Connecting Passage	302.265	--	28.081	--	28.081
	2.	<b>Block B</b>					
		Lower Ground Floor	15,287.610	--	1,420.266	--	1,420.266
		Upper Ground Floor	15,686.610	--	1,457.335	--	1,457.335
		First Floor	15,287.610	--	1,420.265	--	1,420.265
		Second Floor	15,287.610	--	1,420.265	--	1,420.265
		Third Floor	15,287.610	--	1,420.265	--	1,420.265
		Fourth Floor	15,287.610	--	1,420.265	--	1,420.265
	Fifth Floor	15,287.610	--	1,420.265	--	1,420.265	
3.	Other areas	--	2,302.125	--	213.874	213.874	
4.	Basement	--	70,044.595	--	6,507.356	6,507.356	
	<b>Total</b>	<b>2,08,779.349</b>	<b>72,346.72</b>	<b>19,396.236</b>	<b>6,721.23</b>	<b>26,117.466</b>	
		<b>sq.ft</b>	<b>sq.ft</b>	<b>sq.m</b>	<b>sq.m</b>	<b>sq.m</b>	
4.2	Population details 4,334 persons						
	<b>S. No.</b>	<b>Description</b>	<b>Area in sq.m</b>	<b>Criteria</b>	<b>Population</b>		
	1.	<b>Lower Ground Floor</b> (Block A+B)	3,224.733	3 sq.m/person	1,075		
	2.	<b>Upper Ground Floor</b> (Block A+B)	3,405.726	3 sq.m/person	1,135		
	3.	<b>1<sup>st</sup> Floor</b> (Block A+B)	3,299.055	6 sq.m/person	550		
	4.	<b>2<sup>nd</sup> Floor</b> (Block A+B)	3,299.055	6 sq.m/person	550		
	5.	<b>3<sup>rd</sup> Floor</b> (Block A+B)	3,299.055	6 sq.m/person	550		

	6.	4 <sup>th</sup> Floor (Block B)	1,420.265	6 sq.m/person	237			
	7.	5 <sup>th</sup> Floor (Block B)	1,420.265	6 sq.m/person	237			
	<b>Total Estimated Population</b>				<b>4,334 persons</b>			
	<b>S. No.</b>	<b>Description</b>			<b>Population</b>			
	1.	Staff (@ 10% of total population)			433			
	2.	Visitors (@ 90% of total population)			3,901			
<b>5</b>	<b>Water</b>							
5.1	Details of water demand & wastewater generation:							
	<b>S. No.</b>	<b>Details</b>	<b>Population</b>	<b>Criteria for total water demand (lpcd)</b>	<b>Total Water demand (in KLD)</b>	<b>Criteria for flushing water demand (lpcd)</b>	<b>Flushing water demand (KLD)</b>	<b>Fresh Water demand (KLD)</b>
	1.	Staff	433	45	19	20	9	10
	2.	Visitors	3,901	15	59	10	39	20
	Total		<b>4,334</b>	-	<b>78</b>	-	<b>48</b>	<b>30</b>
	Green area water req. for 482.221 sq.m.							
	Summer (@ 5.5 lt./m <sup>2</sup> /day)							3 KLD
	Winter (@ 1.8 lt./m <sup>2</sup> /day)							1 KLD
	Rainy (@ 0.5 lt./m <sup>2</sup> /day)							0.2 KLD
	The maximum excess treated wastewater of quantity 12.8 KLD generated during rainy season shall be discharged into public sewer.							
5.2	Source:		Ground water (Borewell)					
5.3	Whether obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>	Permission for	Not submitted.					
5.4	Total wastewater generation:	62 KLD of domestic wastewater will be generated from the project.						
5.5	Treatment methodology: (STP capacity, technology & components)	62 KLD of sewage will be generated which will be treated in proposed STP of capacity 75 KLD based on MBBR Technology.						
5.6	Treated wastewater for flushing purpose:	48 KLD						

5.7	Utilization/Disposal of excess treated wastewater.	A copy of letter of MC, Zirakpur issued vide No. 2125 dated 26.06.2023 submitted, wherein it has been mentioned that the treated wastewater line of the project may be connected with the main sewer of the MC, Zirakpur after the deposition of the requisite charges.														
5.9	Cumulative Details:															
	<table border="1"> <thead> <tr> <th>Sr. 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>78 KLD</td> <td>62 KLD</td> <td>61 KLD</td> <td>48 KLD</td> <td>Summer: 3 KLD Winter: 1 KLD Monsoon: 0.2 KLD</td> <td>Summer:10 KLD Winter: 12 KLD Monsoon: 12.8 KLD</td> </tr> </tbody> </table>	Sr. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	Green area requirement	Into sewer	1.	78 KLD	62 KLD	61 KLD	48 KLD	Summer: 3 KLD Winter: 1 KLD Monsoon: 0.2 KLD	Summer:10 KLD Winter: 12 KLD Monsoon: 12.8 KLD	
Sr. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	Green area requirement	Into sewer										
1.	78 KLD	62 KLD	61 KLD	48 KLD	Summer: 3 KLD Winter: 1 KLD Monsoon: 0.2 KLD	Summer:10 KLD Winter: 12 KLD Monsoon: 12.8 KLD										
5.10	Rain water harvesting proposal:	2 No's Rain water recharging pits have been proposed for rain water recharge within the project premises. Services layout plan showing 2 rain water recharging pits is submitted.														
<b>6</b>	<b>Air</b>															
6.1	Details of Air Polluting machinery:	1 DG set of capacity 250 KVA will be provided for power backup.														
6.2	Measures to be adopted to contain particulate emission/Air Pollution	DG set will be equipped with acoustic enclosure and run on HSD fuel. Further, adequate stack height will be provided for proper dispersion.														
<b>7</b>	<b>Waste Management</b>															
7.1	Total quantity of solid waste generation	867 kg/day of solid waste will be generated.														
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.	Biodegradable waste will be converted into manure using Composter of capacity 400 kg to be installed within project premises.  Non-biodegradable waste (recyclable waste) will be disposed of through authorized recycler vendors. Inert waste will be dumped at 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 sold to authorized vendors as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and its amendments.														

8	<b>Energy Saving &amp; EMP</b>			
8.1	Power Consumption:	Total power demand of the project will be 1,974.86 KW which will be provided by Punjab State Power Corporation Limited (PSPCL).		
8.2	Energy saving measures:	Total area covered by solar panels will be 9,962.36 sq.ft. which is 30% of the total terrace area (33,207.88 sq.ft.) which will generate 55 KW of power generation.		
8.3	Details of activities under Environment Management Plan.			
	<b>Description</b>	<b>Construction phase</b>	<b>Operational phase</b>	
		<b>Capital Cost (in Lakhs)</b>	<b>Recurring Cost (in Lakhs/ annum)</b>	<b>Recurring Cost (in Lakhs/ annum)</b>
	Wastewater Management (Installation of STP of capacity 75 KLD based on MBBR-UF)	25	1	3
	Air & Noise Pollution Management (Provision of anti-smog gun, Tarpaulin sheets, Acoustics enclosure for DG set)	8	1	1
	Development of green belt and landscaping	2	-	2
	Rainwater recharging (2 pits)	5	1	1
	Environmental Monitoring (Environmental Monitoring, Water sprinkling for dust control, Monitoring of DG set as per PPCB Guidelines)	3	1	5
	Solid Waste Management (Installation of composter of capacity 400 kg)	15	1	2
	Energy Conservation Measures (Provision of LED lights and solar panel)	10	0.5	2
	Additional Environmental Activities*	23	-	-
	<b>Total</b>	<b>Rs. 91 lakhs</b>	<b>Rs. 5.5 lakhs</b>	<b>Rs. 16 lakhs</b>

\*Breakup of the additional environmental activities is given below:

S. No.	Activities	Cost (Rs. Lacs)
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1.	Repair/ renovation work/ re-carpentering of Village Road	12
2.	Plantation and maintenance of trees in Village Park and other common areas	8
3.	Installation of solar lights and street lights along Village Road and common areas	3
<b>Total</b>		<b>Rs. 23 Lakhs</b>

During meeting, the Committee perused the approved layout plan of the project and observed that the Project Proponent has access/entry to the project from two sides, one from Zirakpur Patiala Road and another through PR-7 road. The Committee observed that there might be forest area involved while making access through Zirakpur Patiala road and the Project Proponent may be required to obtain clearance under the provisions of the Forest Conservation Act, 1980. The Committee asked the Project Proponent to check the same and obtain the permission for access road under the Forest Conservation Act 1980. The Project Proponent agreed to the same.

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

1. The Project Proponent shall check the involvement of Forest Area for access/entry to the project from Zirakpur Patiala road side and shall obtain Stage-I clearance under the provisions of the Forest Conservation Act, 1980, if required.
2. The Project Proponent shall obtain permission for abstraction of ground water from PWRDA.
3. The Project Proponent shall submit the alternative scheme for utilization of the excess treated wastewater of the project.
4. The Project Proponent shall revise the capital as well as recurring cost of the installation of STP in the Environment Management Plan.

**Deliberations during 260<sup>th</sup> meeting of SEAC held on 25.09.2023.**

The meeting was attended by the following:

- (i) Mr. Lakshit Gupta, Partner M/s Aerocity Business Centre.
- (ii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.
- (iii) Mrs. Jyoti Rani, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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

Sr. No.	Observations	Reply
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1.	The Project Proponent shall check the involvement of Forest Area for access/entry to the project from Zirakpur Patiala road side and shall obtain Stage-I clearance under the provisions of the Forest Conservation Act, 1980, if required.	Forest Clearance for approach road is not required, as the area for diversion of forest land is less than 0.1 Ha. Further, Change of landuse (CLU) has been obtained from Office of Additional Deputy Commissioner-cum-Competent Authority (Urban Development) vide Letter No. CLU/ADC(UD)/SAS Nagar/2023/2294 dated 24.05.2023.
2.	The Project Proponent shall obtain permission for abstraction of ground water from PWRDA.	Application has been submitted to Punjab Water Regulation & Development Authority (PWRDA) for abstraction of ground water. Online application form is submitted.
3.	The Project Proponent shall submit the alternative scheme for utilization of the excess treated wastewater of the project.	Excess treated water generated will be 13 KLD which will be disposed onto 482.221 sq.m (0.12 acres) of green area developed within project premises under Karnal Technology; till MC Sewer will be connected. Revised water balance is submitted.  Under Karnal Technology, plantation will be done with water extensive tree species such as Eucalyptus, Poplar, Leucaena, Chukrasia and similar other varieties of Broad leaf trees.
4.	The Project Proponent shall revise the capital as well as recurring cost of the installation of STP in the Environment Management Plan.	Breakup of the revised Capital Cost as well as recurring cost is submitted.

The Committee was satisfied with the reply 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 proposed Commercial Project namely "Shopping Complex" at Hadbast No. 286, Village Chhat, Tehsil Zirakpur, Distt. SAS Nagar (Mohali), Punjab subject to the standard conditions:

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- (i) Mr. Lakshit Gupta, Partner M/s Aerocity Business Centre.
- (ii) Ms. Priyanka Madan, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

Environmental consultant submitted the following information about the project and the same was taken on record:

- i) The Project Proponent has applied for EC on basis of approved layout plan.
- ii) The project proponent shall install STP based on MBR technology followed by Ultra-filtration for the treatment of domestic effluent generated from the project.
- iii) The Project Proponent submitted updated water balance for the project as under:

Sr. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	To be used in Karnal technology @ 482.221 sqm
1.	78 KLD	62 KLD	61 KLD	48 KLD	13 KLD

Thereafter, the Environmental Management Plan and additional environmental activities to be carried out under the project and outlays for the same were discussed and finalized as under:

**Table-I**

Description	Construction phase		Operational phase
	Capital Cost (in Lakhs)	Recurring Cost (in Lakhs/ annum)	Recurring Cost (in Lakhs/ annum)
Wastewater Management (Installation of STP of capacity 75 KLD based on MBBR-UF)	75	1	5
Air & Noise Pollution Management (Provision of anti-smog gun, Tarpaulin sheets, Acoustics enclosure for DG set)	8	1	1
Development of green belt and landscaping	2	-	2
Rainwater recharging (2 pits)	5	1	1
Environmental Monitoring (Environmental Monitoring, Water sprinkling for dust control, Monitoring of DG set as per PPCB Guidelines)	3	1	5

Solid Waste Management (Installation of composter of capacity 400 kg)	15	1	2
Energy Conservation Measures (Provision of LED lights and solar panel)	10	0.5	2
Additional Environmental Activities*	23	-	-
<b>Total</b>	<b>Rs. 141 lakhs</b>	<b>Rs. 5.5 lakhs</b>	<b>Rs. 18 lakhs</b>

**TABLE-II**

**Additional Environmental Activities**

Sr. No.	Extra activities	Cost (Rs. Lacs)
1.	Amount to be given to “Greening Punjab Fund”	12
2.	Plantation and maintenance of trees in Village Park and other common areas	8
3.	Installation of solar lights and street lights along Village Road and common areas	3
<b>Total</b>		<b>23</b>

SEIAA was satisfied with reply of the project proponent. A copy of the revised presentation submitted by project proponent was also taken on record.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of Commercial Project namely “Shopping Complex” at Village Chhat, Tehsil Zirakpur, District SAS Nagar, Punjab in an area of 8,319.467 sqm having built-up area of 26,117.466 sqm as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures and subject to the conditions proposed by SEAC and additional conditions as under:

- i) The project proponent shall implement the EMP and AEA as per **Table-I & II** above.
- ii) Plantation activities should be commenced at the earliest and completed within 1 year. 8 Feet tall plants of indigenous tree species should be planted.
- iii) The project proponent will install STP of 75 KLD capacity based on MBR technology followed by UF for the treatment of domestic effluent and shall achieve the standards of BOD <10 mg/l.

iv) The project proponent shall obtain NOCs from NHAI /concerned State Authorities /State Forest Department and any other relevant authorities for obtaining access to the project site and will be bound to comply with the conditions prescribed in the said NOCs.

**Item No. 263.04: Application for Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of New Steel manufacturing unit for production of structural steel (round, coil, wire rode, TMT bars, square, flats and profile) by installing 2 no. of rolling mills having capacity 20TPH each or 300TPD each at Village Barmalipur and Jaspalon, Doraha, Khanna Road, Tehsil Khanna, District Ludhiana by M/s Arora Iron & Steel Rolling Mills Pvt. Ltd. (Proposal No. SIA/PB/IND1/405113/2022).**

The industry is a new steel rolling mill which is proposed to be established in the revenue state of village Barmalipur & Jaspalon, Doraha, Khanna Road, Tehsil Khanna in an area of 31746 sqm. at an estimated cost of Rs. 47.8 Cr.

The industry has obtained consent to establish under the provisions of the Water Act, 1974 and Air Act 1991 from Punjab Pollution Control Board on 19.05.2022 which is valid up to 18.05.2023 for production of 2,10,000TPA of MS rounds/bars/flats/squares.

The industry was granted terms of reference (ToR) for carrying out EIA study for obtaining environmental clearance vide SEIAA Letter No. SEIAA/MS/2022/911 dated 08.09.2022.

The industry has submitted application form along with final EIA Report after incorporating the compliance of ToR issued to the industry and other relevant documents. The industry has deposited Rs. 1,19,500/- vide UTR No. N209222054593279 dated 28.07.2022 and remaining Rs. 3,58,500/- vide UTR No. N28622216208929 dated 13.10.2022. The adequacy of the fee deposited by the Project Proponent has been checked and verified by the supporting staff SEIAA.

**1.0 Deliberations during 232<sup>nd</sup> meeting of SEAC held on 14.11.2022.**

The meeting was attended by the following:

- (i) Sh. Raminderpal Singh, MD, M/s Arora Iron & Steel Rolling Mills Pvt. Ltd.
- (ii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.
- (iii) Sh. Sandeep Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

SEAC allowed the Environmental Consultant of the project proponent to present the salient features of the proposal as under:

Sr. No.	Description	Details
<b>1</b>	<b>Basic Details</b>	
1.1	Name of Project & Project Proponent:	M/s Arora Iron and Steel Rolling Mills (P) Limited (Unit-II) Sh. Raminder Pal Singh Dua Director
1.2	Proposal:	<b>SIA/PB/IND1/404794/2022</b>
1.3	Location of Industry:	Village-Barmalipur and Jaspalon, Tehsil- Payal road, Khanna, District- Ludhiana, Punjab
1.4	Details of Land area & Built up area:	Total land area – 31746Sqm

1.5	Category under EIA notification dated 14.09.2006	B1
1.6	Cost of the project	Rs. 47.8 Crores
1.7	Compliance of Public Hearing Proceedings	NA
<b>2.</b>	<b>Site Suitability Characteristics</b>	
2.1	Whether site of the industry is suitable as per the provisions of Master Plan:	The site of the industry falls in industrial area as per the Master Plan Khanna.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	A copy of certificate of in-principle approval in the name of the industry issued by District Industry Centre, Ludhiana vide Memo no. 613 dated 02.03.2022 submitted.
<b>3</b>	<b>Forest, Wildlife and Green Area</b>	
3.1	Whether the industry required clearance under the provisions of Forest Conservation Act 1980 or not:	The industry has submitted an undertaking to the effect that no area is involved under Forest land. However, the Project Proponent has submitted the receipt of the application filed for diversion of 0.0162ha of forest land for approach road to M/s Arora Iron & Steel Rolling Mills Pvt. Ltd.
3.2	Whether the industry required clearance under the provisions of Punjab Land Preservation Act (PLPA) 1900:	No land area of the industry falls within the provisions of Punjab Land Preservation Act (PLPA) 1900. Undertaking for the same submitted.
3.3	Whether industry required clearance under the provisions of Wildlife Protection Act 1972 or not:	No wildlife area is involved in the vicinity or study area of the project site. Undertaking for the same submitted.
3.4	Distance of the industry from the Critically Polluted Area.	Critical Polluted area of Ludhiana is 20km away from the project site.
3.5	Whether the industry falls within the influence of Eco-Sensitive Zone or not. (Specify the distance from	Not applicable

	<i>the nearest Eco sensitive zone)</i>													
3.6	Green area requirement and proposed No. of trees:	Green area: 11000 sqm Proposed number of trees- 1650												
<b>4.</b>	<b>Configuration &amp; Population</b>													
4.1	Proposal & Configuration	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Equipment's / Machinery</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Rolling Mill with independent reverberatory furnace</td> <td>2X20TPH</td> <td>2X20TPH</td> </tr> <tr> <td>2.</td> <td>D.G. Sets (03 Nos.)</td> <td>62.5KVA, 125KVA, 250KVA</td> <td>62.5KVA, 125KVA, 250KVA</td> </tr> </tbody> </table>	Sr. No.	Equipment's / Machinery	Proposed	Total	1.	Rolling Mill with independent reverberatory furnace	2X20TPH	2X20TPH	2.	D.G. Sets (03 Nos.)	62.5KVA, 125KVA, 250KVA	62.5KVA, 125KVA, 250KVA
Sr. No.	Equipment's / Machinery	Proposed	Total											
1.	Rolling Mill with independent reverberatory furnace	2X20TPH	2X20TPH											
2.	D.G. Sets (03 Nos.)	62.5KVA, 125KVA, 250KVA	62.5KVA, 125KVA, 250KVA											
4.2	Population details	Employment- 105												
<b>5</b>	<b>Water</b>													
5.1	Total fresh water requirement:	Total Water requirement- 36.2 KLD Domestic water demand- 4.2 KLD												
5.2	Source:	Tubewell												
5.3	Whether Permission obtained for abstraction/supply of the fresh water from the Competent Authority (Y/N) <i>Details thereof</i>	Permission for abstraction of 40 KLD groundwater from PWRDA obtained.												
5.4	Total water requirement for domestic purpose:	Total Water requirement for domestic purpose – 4.2 KLD												
5.4.1	<i>Total wastewater generation:</i>	Effluent Generation-3.4 KLD												
5.4.2	<i>Treatment methodology for domestic wastewater: (STP capacity, technology &amp; components)</i>	Treatment for domestic wastewater- STP of 10 KLD and used for plantation												
5.5	Total water requirement for industrial purpose:	NA												
5.5.1	<i>Total effluent generation:</i>	NA												



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:	Treated waste water from STP will be used for plantation within the industrial premises								
5.7	Utilization/Disposal of excess treated wastewater.	No excess treated wastewater shall be generated.								
5.8	Cumulative Details:									
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Sr. No.	Total water Requirement	Domestic water	Total wastewater generated							
1.	36.2 KLD	4.2 KLD	32 KLD							
5.9	Rain water harvesting proposal:	<p><b>Outside:</b> The industrial unit has adopted one village pond for rain water harvesting at Village Bulara. The total recharge potential will be 36421.69m<sup>3</sup>/annum. NOC obtained from Sarpanch is submitted.</p> <p><b>Inside:</b> - A tank of 12 KLD is proposed for carrying out rain water harvesting within the industry by collecting water from roof top of the project site.</p>								
6	<b>Air</b>									
6.1	Details of Air Polluting machinery:	D.G. set, Rolling mill								
6.2	Measures to be adopted to contain particulate emission/Air Pollution	D.G. Set: - Canopy equipped DG set with adequate height will be installed Rolling Mill: - Alkali scrubber will be installed								
7	<b>Waste Management</b>									
7.1	Total quantity of solid waste generation	Scrap- 18.15 TPD.								
7.2	Details of management and disposal of solid waste (Mechanical Composter/Compost pits)	Will be sold to open market								
7.3	Details of management of Hazardous Waste.	APCD Dust- 0.0024TPD will be sent to TSDF site, Nimbua, Dera Bassi for final disposal.								
8	<b>Energy Saving &amp; EMP</b>									
8.1	Power Consumption:	7000 KW to be met through PSPCL								

8.2	Energy saving measures:	LEDs will be used			
8.3	Details of EMP:	<b>S. No.</b>	<b>Title</b>	<b>Capital Cost Rs. Lakh</b>	<b>Recurring Cost Rs. Lakh</b>
		1	Pollution Control during construction stage	--	1.0
		2	Air Pollution Control (Installation of APCD)	10.0	5.0
		3	Water Pollution Control (Installation of STP @ 10 KLD)	20.0	5.0
		4	Green Belt development	16.50	16.50 (for 3 years)
		5	Noise Pollution Control	3.0	--
		5	Solid/ Hazardous Waste Management	3.0	1.0
		6	Environment Monitoring and Management	3.0	0.50
		7	Occupational Health, Safety and Risk Management	5.0	1.0
		8	RWH	5.0	0.50
		9	CER Activities	15.0	-
		9	Miscellaneous	1.0	---
			<b>TOTAL</b>	<b>81.5 lakh</b>	<b>30.5 Lakh</b>
8.4	Details of CER:	<b>S. No.</b>	<b>Activities</b>	<b>Amount (Rs in Lacs )</b>	
		1.	Rejuvenation of Village Pond- Bulara	15.0	
			<b>Total</b>	<b>15.0</b>	

During meeting, the Project Proponent apprised the Committee that the industry shall install separate APCD comprising of alkali scrubber with adequate stack height for each rolling mill as per the feasibility report of Punjab State Council for Science & Technology.

The Committee was satisfied with the presentation given by the industry and after deliberations, decided to award '**Silver Grading**' to the project proposal under category B1, Activity 3(a) and to forward the application to SEIAA for the establishment of New Steel manufacturing unit for production of structural steel (round, coil, wire rode, TMT bars, square, flats and profile) by

installing 2 no. of rolling mills having capacity 20TPH each or 300TPD each at Village Barmalipur and Jaspalon, Doraha, Khanna Road, Tehsil Khanna, District Ludhiana subject to the following conditions as under:-

**i. Statutory compliance**

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site Specific Conservation Plan/ Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).
- iv. The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of withdrawal of groundwater and also in case of use of surface water required for the project. In case of non-grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vii. The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.
- viii. The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.

**ii. Air quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31<sup>st</sup> March, 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7<sup>th</sup> December, 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to

equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - iii. The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
  - iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.
  - vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
  - vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.
  - viii. Recycle and reuse of iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration should be ensured.
  - ix. The project proponent shall use leak-proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
  - x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
  - xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
  - xii. Design and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured.
- iii. Water quality monitoring and preservation**
- i. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/ sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.

- ii. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- iii. The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, 1 no. of pond at Village Bulara having recharge potential of volume @ 36421.69 cubic meter shall be adopted to recharge the water. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.
- iv. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

**iv. Noise monitoring and prevention**

- i. Noise level survey shall be carried as per the prescribed guidelines and the report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**v. Energy Conservation measures**

- i. The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.
- ii. The project proponent shall provide solar power generation on rooftops of buildings, solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- iii. The project proponent shall provide the for LED lights in their offices and residential areas.
- iv. The Project Proponent shall practice hot charging of slabs and billets/blooms as far as possible.

**vi. Waste management**

- i. Used refractories shall be recycled as far as possible.
- ii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

iv. Kitchen waste shall be composted or converted to biogas for further use.

**vii. Green Belt**

i. Green belt shall be developed in an area of 11000 Sqm (equal to 33 % of the plant area) with native tree species in accordance with SEIAA guidelines. Total 1650 tall saplings (minimum 6 feet height) of indigenous species such as Neem, Drek, Kusum, Kadam, Banyan, Peepal, Amaltas, Arjun, Chakarasia etc will be planted.

**viii. Public hearing and Human health issues**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- v. The project proponent shall carry out the activities apart from CER activities and spent an amount as commuted during the public hearing as per the public hearing action plan.

**ix. 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 for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions to all / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- ii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly report to the head of the organization.
- iii. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and will not be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 93.5 Lakhs towards the capital cost and Rs

45.5 Lakhs/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in EMP plan as under:

Sr. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage	2	1.0
2	Air Pollution Control (Installation of APCD)	30.0	20.0
3	Water Pollution Control (Installation of STP @ 10 KLD)	10.0	5.0
4	Green Belt development	16.50	16.50 (for 3 years)
5	Noise Pollution Control	3.0	--
5	Solid/ Hazardous Waste Management	3.0	1.0
6	Environment Monitoring and Management	3.0	0.50
7	Occupational Health, Safety and Risk Management	5.0	1.0
8	RWH	5.0	0.50
9	CER Activities	15.0	-
9	Miscellaneous	1.0	---
	<b>TOTAL</b>	<b>93.5 lakh</b>	<b>45.5 Lakh</b>

- iv. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report along with the Six-Monthly Compliance Report.
- v. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

**x. Validity**

- i. This environmental clearance will be valid for a period of ten years from the date of its issue or till the completion of the project, whichever is earlier.

**xi. Miscellaneous**

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition, this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant

offices of the Government who in turn has to display the same for 30 days from the date of receipt.

- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the SEAC and SEIAA.
- x. 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.
- xi. 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..

## **XII. Additional Conditions:**

- i. The Project Proponent shall develop green belt in 33% of the total land area 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. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.

- ii. The project proponent shall plant tall saplings having height not less than 6 ft. The proponent shall make adequate provision of funds for raising the plantation and subsequent maintenance for three years in the Environment Management Plan.
- iii. The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.
- iv. The Project Proponent shall install online monitoring system at inlet as well as at the outlet of each APCD for monitoring SPM.
- v. The Project Proponent shall submit compliance of the action plan proposed to address the public hearing issues along with the six-monthly compliance report of EC condition on Parivesh portal.

### **2.0 Deliberations during 222<sup>nd</sup> meeting of SEIAA held on 24.11.2022**

The case was considered by SEIAA in 222<sup>nd</sup> meeting held on 24.11.2022 which was attended by the following:

- (i) Sh. Raminderpal Singh, MD, M/s Arora Iron & Steel Rolling Mills Pvt. Ltd.
- (ii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.
- (iii) Sh. Sandeep Singh and Er. S.S. Matharu, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

Environmental Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted by the Environmental Consultant was taken on record by the SEIAA.

SEIAA observed that the project proponent had not obtained Stage-I Forest Clearance under the Forest Conservation Act (FCA), 1980, which is a mandatory requirement in light of the judgement of the Hon'ble Supreme Court in W.P (C) No. 202 of 1995 and directions of the MOEF&CC. To this observation of SEIAA, the project proponent informed that they had already applied for obtaining Stage-I clearance under the said Act and sought some time to submit the same to SEIAA.

After deliberations, SEIAA decided to accept the request of the project proponent and defer the case to the next meeting subject to receiving of Stage-I clearance of the project under the Forest Conservation Act, 1980.

### **3.0 Deliberations during 225<sup>th</sup> meeting of SEIAA held on 13.12.2022**

The case was considered by SEIAA in 225<sup>th</sup> meeting held on 13.12.2022 which was attended by the following:

- (i) Sh. Raminderpal Singh, MD, M/s Arora Iron & Steel Rolling Mills Pvt. Ltd.
- (ii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

SEIAA was apprised as under:

1. The project proponent has submitted a fresh request to consider the case of the industry to grant EC subject to the condition that the industry shall obtain Stage-1 Forest Clearance before 19.07.2023.
2. A letter has been received from the Chief Environmental Engineer (PBIP), vide letter no. PBIP/I/473103/2022 dated 12.12.2022 vide which the representation submitted by the Industry to the PBIP has been forwarded requesting clarification as to whether the said Industry is to be considered as an existing unit or new unit in light of the MoEF&CC Notification dated 20.07.2022.

SEIAA observed that as already decided by SEIAA in its 222nd meeting held on 24.12.2022, EC cannot be granted till Stage-I Forest Clearance of the project has been obtained under the Forest Conservation Act, 1980. The same was conveyed to the project proponent and the Environmental Consultant who appeared before the Authority.

SEIAA further perused the representation submitted by the Industry to the PBIP. SEIAA observed that the industry was granted Consent to Establish (CTE) vide ID No. 021LDH1207172 dated 19.05.2022 by PPCB. After obtaining CTE the industry started civil works and procurement of machinery. The industry thereafter applied for obtaining Consent to Operate (CTO) under the Water Act, 1974 and Air Act, 1981.

In the meanwhile, the MoEF&CC, Govt. of India issued Notification dated 20.07.2022. The relevant part of the said notification is reproduced as under:

*“Therefore, in exercise of the powers conferred by section 3 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby directs that all the standalone re-rolling units or cold rolling units, which are in existence and in operation as on the date of this notification, with valid Consent to Establish (CTE) and Consent to Operate (CTO) from the concerned State Pollution Control Board or the Union territory Pollution Control Committee, as the case may be, shall apply online for grant of Terms of Reference (ToR) followed by Environment Clearance and the said units shall be granted Standard Terms of Reference as per item 3(a) of the said notification and shall be exempted from the requirement of public consultation:*

*Provided that the application for the grant of ToR shall be made within a period of one year from the date of this notification.”*

The Industry was issued Terms of Reference vide Memo No. SEIAA/MS/2022/911 dated 08.09.2022 and has already submitted the EIA report based on the TORs issued to it along with application for grant of EC. SEAC has appraised the project and has recommended to SEIAA that EC may be granted. However, SEIAA has deferred consideration of the proposal for grant of EC till Stage 1 clearance under FCA, 1980, is obtained.

SEIAA observed that prior to the issuance of the MOEF&CC notification dated 20.07.2022, standalone re-rolling and cold rolling mills were not required to obtain Environmental Clearance. The said Notification also permits existing units with valid CTEs and CTOs to continue uninterrupted operations subject to the condition that they will submit applications for grant of TOR by 19.07.2023 followed by grant of ECs. Further, the industry has already obtained Consent to Establish from the PPCB on 19.05.2022 i.e. prior to issue of the said notification and has incurred substantial

expenditure on civil works and procurement of Machinery etc. Since the industry had started construction and other procurement activities before the issuance of said notification and has already been granted TORs and as their case has already been recommended for grant of EC by SEAC, it is far better placed than a large number of existing similar units which are in operation and have not yet even submitted their applications for the grant of TOR. SEIAA also found merit in the representation of the project proponent that they had at no stage violated any existing environmental laws and the anomalous situation had arisen only because OM dated 20.07.2022 was issued subsequent to grant of CTE on 19.05.2022. They had incurred considerable expenditure on the Project and would suffer heavy losses for no fault of theirs if CTO was not granted on account of subsequent issue of OM dated 20.07.2022.

In light of the foregoing and after detailed deliberations, SEIAA decided that clarification be issued to the Invest Punjab that the industry may be considered as an existing industry so far as the provisions of notification dated 20.07.2022 are concerned. Further, the grant of Consent to Operate under the Water Act, 1974 and Air Act, 1981 to the industry upto 19.07.2023 may be considered on merits by PPCB subject to the condition that the industry shall obtain Environmental Clearance under the EIA Notification dated 14.09.2006 before 20.07.2023. In case the EC is not granted by this date, the case will be reviewed and decided as per then obtaining circumstances and directions of the MOEF&CC.

The decision of SEIAA was conveyed to the PBIP vide letter no. 1308 dated 23.12.2022.

## **2.0 Deliberations during 229<sup>th</sup> meeting of SEIAA held on 03.01.2023.**

The case was considered by SEIAA in its 229<sup>th</sup> meeting held on 03.01.2023.

SEIAA was apprised that no reply has been received from the project proponent on the query raised by SEIAA in its 222<sup>nd</sup> meeting held on 24.11.2022 regarding approval under the FCA, 1980. This case is, therefore, being reflected as "pending" in the account of SEIAA on the Parivesh portal.

After deliberations, SEIAA decided that the case be deferred and ADS be raised through Parivesh Portal to the Industry as under:

The Project Proponent is required to obtain Stage-I Forest Clearance under the Forest Conservation Act (FCA), 1980, which is a mandatory requirement in light of the judgement of the Hon'ble Supreme Court in W.P (C) No. 202 of 1995 and directions of the MOEF&CC.

Accordingly, ADS was raised on the application of the project proponent. Now, the project proponent has given reply of the ADS that as per the latest Forest Clearance guidelines issued by MoEF&CC, the project stands exempted from the Forest Clearance as the forest land involved for approval to public road is less than 0.10 Ha.

## **Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023, which was attended by the following:

- (i) Sh. Karamjit, M/s Arora Iron & Steel Rolling Mills Pvt. Ltd.
- (ii) Sh. Sital Singh, Environmental Consultant, M/s. Chandigarh Pollution Testing Laboratory.

Environmental Consultant informed that as per the latest guidelines issued by MoEF&CC, the project stands exempted from obtaining clearance under the Forest Clearance Act, 1980, as the forest land involved for approach to public road is less than 0.10 Ha. SEIAA noted that forest area involved is 0.0162 ha which is well under the exemption threshold of 0.10 Ha.

Thereafter Environmental Consultant presented the salient features of the project and submitted revised AEA for the project as under:

Sr.No.	Activities	Budget Allocation (In Rs)	Timeline
1	Jute Bags distribution (2500 bags) with help of District Administration.	Rs. 8.0 Lakhs	End of November 2023
2	Providing Solar Panel to Blind School Jamalpur. Providing Solar Panel to Govt. School Gobindgarh & Plantation in the school premises	Rs. 10.0 Lakhs	August 2024
3	Rejuvenation of Adopted Pond of Village Bulara, District Ludhiana	Rs. 30.0 Lakhs	Before monsoon seasons June- 2025
<b>Total</b>		<b>Rs. 48.0 Lakhs</b>	

SEIAA was satisfied with reply of the project proponent. A copy of the revised presentation submitted by project proponent was also taken on record.

After detailed deliberations and examination of relevant documents including final EIA report, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of steel manufacturing unit for production of MS rounds/bars/flats/squares @ 2,10,000 TPA by installing 02 nos. of rolling mills of capacity 20 TPH each located at Village Barmalipur and Jaspalon, Doraha, Khanna Road, Teshil Khanna, District Ludhiana by M/s Arora Iron & Steel Rolling Mills Pvt. Ltd., as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures and subject to the conditions proposed by SEAC and the following additional conditions:-

- 1) The project proponent shall undertake EMP as recommended by SEAC and AEA activities as per Table I above.
- 2) The project proponent shall obtain NOCs from NHAI /concerned State Authorities /State Forest Department and any other relevant authorities for obtaining access to the project site and will be bound to comply with the conditions prescribed in the said NOCs.

- 3) Plantation activities should be commenced at the earliest and completed within 1 year. 8 Feet tall plants of indigenous tree species should be planted.

**Item No.263.05: Application for Environmental Clearance for establishment of a new petrochemical-based processing unit at Plot No. 129&130, Industrial Focal Point Phase-1, Goindwal Sahib, District Tarn Taran by M/s Satguru Thinners (Proposal No. SIA/PB/IND2/442856/2023).**

The industry was granted Terms of Reference (ToR) for new petrochemical based processing unit for production of Industrial solvents/thinners/reducers, special boiling point solvents de-aromatized solvents, aromatic solvents, mineral oil @ 92000 MT/ year.

The industry is covered under category 5(e) of the schedule appended with the EIA notification dated 14.09.2006. The total land area of the industry is 1.65 acres (6689 sq.m) having green area to be developed as 2208 sq.m. The industry has submitted copy of allotment letter for the plot no. 129 & 130 at phase-1, industrial complex, Goindwal Sahib issued by Estate Officer, Punjab Small Industries & Export Corporation Ltd vide no. PSIEC/EO/13089-93 dated 16.08.2023 in the name of M/s Satguru Thinners.

The industry has submitted checklist, application form, undertaking w.r.t the Forest land & Wildlife area and other relevant documents. The industry has deposited Rs. 14125/- through NEFT No. N047232334642434 dated 13.02.2023 at the time of TOR and Rs 42375/- vide UTR No. N241232614854200 dated 29.08.2023 as checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter No. 2433 dated 19.09.2023 furnished the latest construction status report is as under:

The site was visited by the officer of this office on 04.09.2023 and the point-wise reply is as under:

Sr. No.	Point	Reply
1.	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.	The site of the project was visied and found that it is an open plot. Only boundary wall has been constructed. No other construction work has started at site yet.
2.	Status of physical structures within a 500m radius of the site including the status of industries, drain, river and eco-sensitive structures if any.	The proposed site of the industry is located in approved industrial focal point located Gobindwal Sahib, District Tarn Taran. There are no. of industry surrounded the proposed site. Radius of 500m was measured on the google map and found that there is no drain, river and eco-sensitive structure within the radius.
3.	Whether the site is meeting the prescribed criteria for setting up of such types of projects. Please send a clear-cut recommendation	The industry falls in approved industrial focal point hence is meeting the prescribed criteria for setting up of such types of projects.

**Deliberations during 260<sup>th</sup> meeting of SEAC held on 25.09.2023.**

The meeting was attended by the following:

- (i) Sh. Rajbir Singh, Proprieter M/s Satguru Thinners.
- (ii) Sh. Rajiv Garg, Environmental Consultant on behalf of M/s Envisolve LLP.
- (iii) Sh. Sital Singh, 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:

<b>Sr. No.</b>	<b>Description</b>	<b>Details</b>
<b>1</b>	<b>Basic Details</b>	
1.1	Name of Project & Project Proponent:	M/s Satguru Thinners Mr. Rajbir Singh Anand (Proprietor)
1.2	Proposal No.:	SIA/PB/IND2/418083/2023
1.3	Location of Industry:	Plot No. 129 & 130, Industrial Focal Point Phase-I, Goindwal Sahib District –Tarn Taran (Punjab)
1.4	Details of Land area & Built up area:	8000 Sq. Yards
1.5	Category under EIA notification dated 14.09.2006	5(e)
1.6	Cost of the project	Rs.5.65 Crores
1.7	Compliance of Public Hearing Proceedings	The unit is being established in industrial Focal Point developed by PSIEC in the year 1981, as such the public hearing is exempted.
<b>2.</b>	<b>Site Suitability Characteristics</b>	
2.1	Whether site of the industry is suitable as per the provisions of Master Plan:	The project site is located in Industrial Focal Point.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/ Allotment letter etc.)	Yes; Plot transfer letter submitted.
<b>3</b>	<b>Forest, Wildlife and Green Area</b>	
3.1	Whether the industry required	No forest land is involved in the project. An undertaking in the prescribed format submitted.

	clearance under the provisions of Forest Conservation Act 1980 or not:							
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 etc.	The PP has proposed to develop green belt in an area of 2208 sq.mt. i.e. 33% of total area.						
4.1	Raw material, Products and Machinery details are as under:							
	<table border="1"> <thead> <tr> <th>RAW MATERIALS</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>Heavy Aromatic/C9 Solvents, Naphtha/ Condensate, Diesel, Fuel Oil Petroleum Hydrocarbon Oil/Solvent , Petroleum Crude Oil, Mineral Hydrocarbon Oil, Kerosene, Waste oil/Used Oil, Mineral Turpentine Oil</td> <td>93600 MT Per Year</td> </tr> </tbody> </table>		RAW MATERIALS	Quantity	Heavy Aromatic/C9 Solvents, Naphtha/ Condensate, Diesel, Fuel Oil Petroleum Hydrocarbon Oil/Solvent , Petroleum Crude Oil, Mineral Hydrocarbon Oil, Kerosene, Waste oil/Used Oil, Mineral Turpentine Oil	93600 MT Per Year		
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1.	Re-boiler	1						



	2.	Column	1
	3.	Primary Heat Exchanger	1
	4.	Secondary Heat Exchanger	1
	5.	Territory Heat Exchanger	1
	6.	Product Receiver	4
	7.	Reflux Vessel	1
	8.	Bottom Cooler	1
<b>PLANT &amp; MACHINERY</b>			
<b>(a) SS Distillation Process Plant</b>			
<b>(b) MS Distillation Process Plant</b>			
	<b>S. No.</b>	<b>Item</b>	<b>Quantity</b>
	1.	Re-boiler	1
	2.	Column	1
	3.	Primary Heat Exchanger	1
	4.	Secondary HeatExchanger	1
	5.	Third Heat Exchanger	1
	6.	Product Receiver	4
	7.	Reflux Vessel	1
	8.	Bottom Cooler	1
<b>(c) Utilities/Miscellaneous</b>			
	<b>S. No.</b>	<b>Machines &amp; Equipment</b>	
	1.	Oil Heater TP-10 HSD & LDO Fired (high temp.)	
	2.	Chimney 400 mm Dia 30 m Height	
	3.	Electric Panel with Cables and earthing	
	4.	Cooling Tower 400 TR Cap. FRP/Natural System	
	5.	Vacuum pump with Booster and Vacuum Vessel 2 Set System	
	6.	Chilling plant Cap 30 TR	
	7..	Nitrogen Plant - 15m <sup>3</sup> /h with storage tank	
	8.	Fire Fighting system	
	9.	Laboratory Equipment /Apparatus	
	10.	Thermic Fluid Heater10 Lakh KCal. Capacity	
	11.	D.G. Set – 200 KVA	
4.2	Population details	About 27 persons [directly/indirectly] shall be working in the unit	
<b>5</b>	<b>Water</b>		
5.1	Total water requirement:	18.0 KLD	
5.2	Source:	PSIEC Water Supply/Tube well	
5.3	Whether Permission obtained for abstraction/ supply of the fresh water	Permission from PWRDA is not Required as the Tube well shall be used as standby source and water abstraction will be less than 300 KL per month.	

	from the Competent Authority (Y/N) Details thereof																					
5.4	Total water requirement for domestic purpose:	2.0 KLD																				
5.4.1	Total wastewater generation:	Industrial Effluent – 1.9 KLD Domestic wastewater – 1.6 KLD																				
5.4.2	Treatment methodology for industrial/ domestic wastewater: (ETP cum STP capacity, Technology & components)	The waste water to the tune of 3.5 KLD will be treated in ETP cum STP of 5 KLD capacity and treated waste water shall be used for green belt within the premises.																				
5.5	Total water requirement & fresh water requirement	Total Water requirement- 18 KLD including green area during summer to the tune of 12 KLD. Max. Fresh water requirement shall be 14.5 KLD																				
5.7																						
5.8	Rain water harvesting proposal:	This is a chemical unit, as such rainwater harvesting is not permissible within the premises. <b>Outside:</b> The industrial unit has proposed to provide rain water harvesting system in 2 number schools in the nearby area.																				
<b>6</b>	<b>Air</b>																					
6.1	Details of Air Pollution Sources and APCDs installed are as under:																					
	<b>Emissions</b>																					
	<b>Thermic Fluid Heater</b>	One /1000000 Kcal/Hr. Stack of 30-meter height will be provided for proper dispersion of flue gases																				
	<b>D.G. sets</b>	200 KVA DG set is attached with canopy and a stack of adequate height as per norms																				
<b>7</b>	<b>Solid Waste Management</b>																					
7.1	Details of management and disposal of solid waste (Mechanical Composter/Compost pits)	<table border="1"> <thead> <tr> <th>Category</th> <th>Type of Waste</th> <th>Color of Bins</th> <th>Disposal Method</th> <th>Total Waste (Kg/day)</th> </tr> </thead> <tbody> <tr> <td>Bio Degradable</td> <td>Organic Waste</td> <td>Green</td> <td>Vermi-composting</td> <td>9.0</td> </tr> <tr> <td>Non-Biodegradable</td> <td>Recyclable Waste</td> <td>Blue</td> <td>Recycler</td> <td>5.0</td> </tr> <tr> <td></td> <td>Total</td> <td></td> <td></td> <td>14</td> </tr> </tbody> </table> <p>Disposal of Solid waste will be as per MSW rules, 2016. The PP proposes to provide Vermi- composting system for organic waste.</p>	Category	Type of Waste	Color of Bins	Disposal Method	Total Waste (Kg/day)	Bio Degradable	Organic Waste	Green	Vermi-composting	9.0	Non-Biodegradable	Recyclable Waste	Blue	Recycler	5.0		Total			14
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	Total			14																		

7.2	Details of management and disposal of Hazardous Waste.	<b>Hazardous/ solid waste</b>				
		Empty containers	100 No.s/ month	Sale to authorized recyclers.		
		Used oil/ spent oil	0.05 KLPA	Sale to authorized recyclers		
		ETP Sludge	30 Kg/month	Isolated Storage & disposal to TSDF		
		Distillation Residue	50 Kg/month	Will be Sold as Tar		
<b>8</b>	<b>Energy Saving &amp; EMP</b>					
8.1	Power Consumption:	Maximum power requirement for the plant will be 315 KW (Total connected load). The power will be sourced from PSPCL.				
8.2	Energy saving measures:	Solar panel for outer lighting, LED lights for inner lighting will be used as power saver.				
9.	Additional Environmental Activities	<b>Sr. No.</b>	<b>Activities as per OM dated 01.05.2018</b>	<b>Cost (Rs. Lacs)</b>	<b>Timeline</b>	
					<b>Start Date</b>	<b>End date</b>
		1.	<p><b>a).</b> Tree Plantation and Rejuvenation of pond in Village Fatehabad and Goindwal Sahib District Tarn-Taran</p> <p><b>b).</b> Rainwater Harvesting system and waste management in Govt. senior secondary school Goindwal Sahib District Tarn-Taran.</p> <p><b>c)</b> Rainwater Harvesting system and waste management in Govt. High school Fatehabad District Tarn-Taran.</p>	11.5	April, 2024	March, 2026
		<b>Total</b>			<b>Rs.11.5 Lacs</b>	
<b>10.</b>	<b>EMP BUDGET</b>					
	<b>Sr.No.</b>	<b>Details</b>	<b>Capital Cost (In Lacs)</b>	<b>Recurring Cost (In Lacs/annum)</b>		
	1.	APCD	5	0.5		
	2.	ETP/STP	10	1.5		
	3.	Green belt development with maintenance plan for 3 years	7	2.5		
	4.	Rain Water Harvesting	5	0.5		
	5.	Environment Monitoring	0.5	0.4		
	6.	Solid Waste Management	2	0.4		

7.	Energy Conservation	2.5	0.2
8.	Disaster and Risk Management	5	1.5
9.	Misc.	8	0.5
<b>Total</b>		<b>45.00</b>	<b>8</b>

The Committee was satisfied with the presentation given 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 a new petrochemical based processing unit at Plot No. 129&130, Industrial Focal Point Phase-1, Goindwal Sahib, District Tarn Taran, subject to the standard conditions & specific condition as under:

**Specific Condition:**

1. The industry shall obtain authorization under HWM rules, 2016 from Punjab Pollution Control Board for generation and disposal of Hazardous Waste.

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- (i) Sh. Sanjay Sharma, Manager, M/s Satguru Thinners.
- (ii) Sh. Rajiv Garg, Environmental Consultant on behalf of M/s Envisolve LLP.
- (iii) Sh. Sital Singh, Environmental Consultant M/s CPTL.

Environmental consultant presented the salient features of the project. A copy of the presentation submitted by project proponent was also taken on record.

To a query by SEIAA regarding the processes involved in the manufacturing of the proposed products, Environmental Consultant of the company informed that fractional distillation of mixed organic solvents shall be carried out and no other chemical reactions were involved in the same.

To another query by SEIAA regarding the certificate obtained from the Petroleum & Explosives Safety Organization, Environmental Consultant submitted a copy of the Explosive certificate issued to the project vide letter no. A/P/HQ/PB/15/2269 (P56531) dated 30.05.2023 which was taken on record by SEIAA.

SEIAA was satisfied with reply of the project proponent.

After detailed deliberations and examination of the EIA report and other relevant documents and perusal of the EMP, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of a petrochemical based processing unit for the production of Industrial solvents/Thinners/Reducers, Special Boiling Point Solvents, De-aromatize

Solvents, Aromatic Solvents & Mineral Oil-20/50 @ 92,000 TPA at Plot No. 129 & 130, Industrial Focal Point, Phase-1, Goindwal Sahib, District Tarn-Taran by M/s Satguru Thinners, as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures and subject to the conditions proposed by SEAC and additional condition as under:

Plantation activities should be commenced at the earliest and completed within 1 year. 8 Feet tall plants of indigenous tree species should be planted.

**Item No.263.06: Application for Environmental Clearance under EIA notification dated 14.09.2006 for establishment of commercial & group housing Project namely “The Lutyens” at Banur-Landran Highway Banur, S.A.S Nagar, Punjab by M/s RS Enterprises (Proposal no. SIA/PB/INFRA2/437547/2023).**

The project proponent has applied for obtaining Environmental Clearance for establishment of commercial and residential group housing project namely “The Lutyens” Banur-Landran Highway Banur, S.A.S Nagar, Punjab by M/s RS Enterprises. The total land area of project is 20451 sq.m. having built-up area of 80753 sq.m. The Project is covered under category 8(a) of the schedule appended with EIA notification dated 14.09.2006.

The project proponent has submitted the Checklist, Conceptual Plan, EMP, application form and other additional documents through Parivesh portal. The Project Proponent has also deposited fee of Rs. 157337/- vide UTR No./ Reference ID N198232553126337 dated 17.07.2023 and Rs. 4169/- vide UTR No. N229232598932671 dated 17.08.2023. The adequacy of the fee has been checked and verified by supporting staff SEIAA.

Punjab Pollution Control Board vide letter No. 7212 dated 18.09.2023 furnished the latest construction status report is as under:

*“The project site was visited by officer of the Board on 29.08.2023 and it was observed as under:*

1. *The proposed site of the project is located at Banur-Landran Highway, Banur, District SAS Nagar. The project proponent has earmarked its site with proper boundary wall.*
2. *The project proponent has provided 1 No. Borewell.*
3. *The construction work of corporate office was under progress during visit.*
4. *The project proponent has provided temporary labour huts. Further, some excavation has also been carried out and rainwater was filled in it.*
5. *The project proponent has not started development works at site.*
6. *There is no MC sewer available in the vicinity of the proposed project site.*
7. *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 250m from the boundary of the proposed site of the project. There is no approved existing operational air polluting industry within a radius of 100m from the boundary of the project.*
8. *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:*

<b>Sr. No.</b>	<b>Type of industrial unit</b>	<b>Required distance as per siting criteria</b>
1.	Cement plant/grinding unit	300m
2.	Stone crushing/screening cum washing plant	500m

3.	Hot mix plant	300m
4.	Brick kiln	300m
5.	CBWTF	500m
6.	Poultry Farm	500m
7.	Jaggery unit	200m
8.	Retail outlet (Petrol Pump)	50m

9. As per Government of Punjab Notification dated 25.07.2008, the project proponent is required to provide 15m green belt towards the air polluting industry, if it is located within 100m of the proposed project site. In this case, the rice sheller located 200m from the proposed site, therefore, the site is conforming to the siting guidelines as per Notification dated 25.07.2008.”

### Deliberations during 260<sup>th</sup> meeting of SEAC held on 25.09.2023.

The meeting was attended by the following:

- (i) Mr. Surinder Bansal, Partner M/s RS Enterprises.
- (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
<b>1</b>	<b>Basic Details</b>	
1.1	Name of Project & Project Proponent:	Residential Township Project namely “The Lutyens” by M/s Rs Enterprises
1.2	Proposal:	<b>SIA/PB/INFRA2/437547/2023</b>
1.3	Location of Project:	Banur-Landran Highway Banur, S.A.S Nagar, Punjab
1.4	Details of Land area & Built up area:	Plot area: 20451 sq.m. and built-up area is 80753 sq.m
1.5	Category under EIA notification dated 14.09.2006	8(a)
1.6	Cost of the project (Rs. in crores)	103 cr
<b>2.</b>	<b>Site Suitability Characteristics</b>	
2.1	Whether project is suitable as per the provisions of Master Plan:	Master Plan has been 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 permission for Change of Land Use for land area measuring 24 bigha 9 biswa issued by office of Competent Authority-Cum-Additional Deputy Commissioner (Urban Development) S.A.S Nagar vide

		letter No. 1395 dated 27.03.2023 in the name of M/s RS Enterprises submitted.	
<b>3</b>	<b>Forest, Wildlife and Green Area</b>		
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	A copy NOC issued by Divisional Forest Officer, SAS Nagar vide letter No. 3078 dated 09.08.2023 submitted.	
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	Project is not covered under PLPA, 1900. A copy NOC issued by Divisional Forest Officer; SAS Nagar vide letter No. 3078 dated 09.08.2023 submitted.	
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.	
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: 3148 sqm Proposed trees to be planted: 275 nos.	
<b>4</b>	<b>Configuration and Population</b>		
4.1	Configuration		
<b>SITE PLAN AREA STATEMENT</b>			
<b>TOTAL SITE AREA</b>	<b>24 BIGHA 9 BISWA</b>		
	<b>220050.0</b>	<b>SQ.FT.</b>	
	24450.000	SQ.YD.	
	5.052	ACRE	
<b>AREA UNDER ROAD WIDENING</b>			
RESIDENTIAL	4.45 BISWA	222.5	SQ.YD.
COMMERCIAL	9.60 BSWA	480	SQ.YD.
		702.5	SQ.YD.
<b>TOTAL AREA UNDER ROAD WIDENING</b>	<b>6322.5</b>	<b>SQ.FT.</b>	
<b>NET PLOT AREA UNDER RESIDENTIAL</b>	<b>21 BIGHA 10.45 BISWA</b>		
	<b>193702.5</b>	<b>SQ.FT.</b>	
	21522.5	SQ.YD.	
<b>NET PLOT AREA UNDER COMMERCIAL</b>	<b>2 BIGHA 4.5 BISWA</b>		
	<b>20025.0</b>	<b>SQ.FT.</b>	
	2225	SQ.YD.	
<b>NET PLOT AREA</b>	<b>213727.500</b>	<b>SQ.FT.</b>	
PERMISSIBLE F.A.R. FOR RESIDENTIAL	534318.750	SQ.FT.	<b>1:2.5</b>
PERMISSIBLE F.A.R. FOR COMMERCIAL	641182.500	SQ.FT.	<b>1:3</b>
<b>TOTAL PERMISSIBLE F.A.R.</b>	<b>1175501.250</b>	<b>SQ.FT.</b>	
ACHIEVED F.A.R. FOR RESIDENTIAL	517396.850	SQ.FT.	
ACHIEVED F.A.R. FOR COMMERCIAL	31596.053	SQ.FT.	



	<b>TOTAL ACHIEVED F.A.R.</b>	<b>548992.903</b>	<b>SQ.FT.</b>	<b>1:2.49</b>
	REQUIRED GREEN AREA FOR RESIDENTIAL	29055.375	15.00%	
	ACHIEVED GREEN AREA FOR RESIDENTIAL	37340.830	19.28%	
	PERMISSIBLE GROUND COVERAGE FOR RESIDENTIAL	67795.875	35.00%	
	ACHEIVED GROUND COVERAGE FOR RESIDENTIAL	50293.308	25.96%	
	PERMISSIBLE GROUND COVERAGE FOR COMMERCIAL	9011.250	45.00%	
	ACHEIVED GROUND COVERAGE FOR COMMERCIAL	8887.748	44.38%	
4.2	<b>Population</b>			
	Flats 319	319 flats@ 5 residents each per flat		
	Flat	1595 @ 135 lit./day		
	Commercial	Lower ground and ground floor =1458 Sqm @ 3 persons /sqm = 486 person First floor and second floor =1333 Sqm @ 6 persons /sqm = 222persons Total 708 persons Permanent population@10% of total = 71 Floating population @ 90% = 637		
		71@ 45 ltr/person 637@ 15ltr/person		
	Green	<a href="#">3148.34 @5.5</a> ltr/sqm		
	<b>Domestic water required</b>			
	Total Flow to STP@ 80%	(Domestic water)		
	Reuse of treated waste water for flushing purpose	1660 @ 45 ltr/person= 75 KLD 71@ 20 ltr/person= 1 KLD 637@ 10 ltr/person=6 KLD <b>Total = 82 KLD</b>		
<b>5</b>	<b>Water</b>			
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.														
5.3	Total wastewater generation:	182 KLD														
5.4	Treatment methodology: <i>(STP capacity, technology &amp; components)</i>	182 KLD of wastewater will be generated from the project which will be treated in proposed STP of 780 KLD capacity based on MBBR Technology followed by UF.														
5.5	Treated wastewater for flushing purpose:	92 KLD(Flushing water calculation incorrect. The correct value comes out as 79.4 KLD)														
5.6	Treated wastewater for green area in summer, winter and rainy season:	Summer: 17 KLD Winter: 6 KLD Monsoon: 2 KLD														
5.7	Utilization/Disposal of excess treated wastewater.	Summer: 89 KLD Winter: 100 KLD Monsoon: 104 KLD														
5.8	Cumulative Details:															
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1.	237 KLD	190 KLD	190 KLD	84 KLD	Summer: 17 KLD Winter: 6 KLD Monsoon: 2 KLD	Summer: 89 KLD Winter: 100 KLD Monsoon : 104 KLD										
	Permission for connecting the sewer line of the project with main sewer line of MC Banur submitted.															
5.9	Rain water harvesting proposal:	6 Rain Water Recharging pits with dual bore have been proposed for artificial rain water recharging within the project premises.														
<b>6</b>	<b>Air</b>															
6.1	Details of Air Polluting machinery:	DG set of 1 X 500, 2x240, 2x 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.			
<b>7</b>	<b>Waste Management</b>				
7.1	Total quantity of solid waste generation	<b>Total (kg/day)</b>			
		<b>780</b>			
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 with application. 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 off to authorized vendors as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and its amendments.			
<b>8.</b>	<b>Energy Saving &amp; EMP</b>				
8.1	Power Consumption:	<b>Description</b>	<b>Total</b>		
		Electrical Power requirement (KW)	1700		
		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.				
	<b>S. No.</b>	<b>Title</b>	<b>Construction Phase</b>		<b>Operation Phase</b>
			<b>Capital Cost (in Lakhs)</b>	<b>Recurring Cost (in Lakhs per Annum)</b>	<b>Recurring Cost (in Lakhs per Annum)</b>
	1.	Medical Cum First Aid	0.5	1.0	--
	2.	Toilets for workers	2.0	1.0	--
	3.	Wind breaking curtains	8.0	3.0	--
	4.	Sprinklers for suppression of dust	2.0	3.0	--

5.	Sewage Treatment Plant	60.00	---	4.5
6.	Solid waste Management	15.00	--	3.0
7.	Green belt development	18.00	--	10.0
8.	Rain water harvesting	6.00	--	2.0
9.	Smog gun	4.0	1.5	
<b>Total</b>		<b>Rs. 115.50 Lakhs</b>	<b>Rs. 9.5 Lakhs</b>	<b>Rs. 19.50 Lakhs</b>

**Additional Environmental Activities:**

Sr.No.	Activities	Cost in Lac
1.	Jute Bags through PPCB/Government functions 10000	15
2.	Composter for MC Banur	60
3.	Solar Lights in Government Schools	10
4.	Water Collars in School and Police Station	4

The Committee was satisfied with the presentation given 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 & group housing Project namely "The Lutyens" at Banur-Landran Highway Banur, S.A.S Nagar, Punjab subject to the standard conditions:

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- (i) Mr. Surinder Bansal, Partner M/s RS Enterprises.
- (ii) Mr. Deepak Gupta, Environmental Advisor of the promoter company.
- (iii) Sh. Sital Singh, Environmental Consultant from M/s CPTL

Environmental consultant presented the salient features of the project. Environmental Consultant informed that some of the details of the project recorded in the proceedings of SEAC are not correct and the same are required to be corrected as under:

NET PLOT AREA	19863.15 Sqm (213727.5 sqft)
BUILT UP AREA	80753 Sqm

ESTIMATED POPULATION	2370 PERSONS	
STP CAPACITY	275 KL/day ( SBR followed by Ultra-filtration)	
POWER REQUIREMENT & SOURCE	1700 KW From State Grid	
COST OF PROJECT	89 Cr	
TOTAL DOMESTIC WATER REQUIREMENT & SOURCE	237 KLD (Fresh water – 142 KLD) & Ground water	
WASTE WATER GENERATION	190 KLD	
MODE OF DISPOSAL	Reuse in flushing, green area & sewer	
SOLID WASTE GENERATION	806 Kg/Day	
GREEN AREA	3148 Sqm	
D.G SETS	1 X 500, 2x240, 2x 125 KVA	
Flats 332	332 flats@ 5 residents each per flat	1660 Persons
Flat	1660 @ 135 lit./day	224 M <sup>3</sup> /day
Commercial	<p>Lower ground and ground floor =1463 Sqm @ 3 persons /sqm = 487 person</p> <p>First floor and second floor =1341 Sqm @ 6 persons /sqm = 223 persons</p> <p>Total 710 persons</p> <p>Permanent population@10% of total = 71</p> <p>Floating population @ 90% = 639</p>	
	71@ 45 ltr/person	3 M <sup>3</sup> /day
	639@ 15ltr/person	10 M <sup>3</sup> /day
Green	<a href="#">3148.34 @5.5</a> ltr/sqm	17 M <sup>3</sup> /day
Domestic water required		237 M <sup>3</sup> /day

Total Flow to STP@ 80%	(Domestic water)	190 M <sup>3</sup> /day
Reuse of treated waste water	Flushing @ 45 ltr/person	75 M <sup>3</sup> /day
	71@ 20 ltr/person	1 M <sup>3</sup> /day
	639@ 10 ltr/person	6 M <sup>3</sup> /day

**Water Balance:**

Sr. No.	Season	Flushing (KLD)	Horticulture demand in KLD (3148 sqm)	Into Sewer
1.	Summer	84	17	89
2.	Winter	84	6	100
3.	Rainy	84	2	104

To a query by SEIAA regarding commencement of the construction of the corporate office and some of the excavation work carried out as rain water was filled in it at the site, project proponent informed that the corporate office is a temporary structure and not part of the project and the same shall be dismantled. Also, the excavation work as reported by the visiting officer of PPCB was already a low-lying area and no fresh excavation has been done under the Project. The old excavated area will be made part of the buildings to be constructed. An undertaking submitted in this regard was taken on record.

To another query by SEIAA regarding the availability of sewer, project proponent informed that MC sewer is located in vicinity of the project site and excess treated water will be discharged in the MC sewer for which they had already obtained permission from the Executive Officer, MC, Banur vide letter no. 458 dated 01.06.2023.

Thereafter, the additional environmental activities to be carried out under the project and outlays for the same were discussed and finalized as under:

**TABLE-I**

**Additional Environmental Activities**

Sr.No.	Activities	Cost in Rs ( Lacs)
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1.	Distribution of Jute Bags @ 10000 No.s and other alternatives to Single Use Plastics through PPCB/other Government departments	15
2.	Composter of 1.5 TPD capacity for Gurudwara Sahib, Banur with 3 year maintenance	60
3.	Solar Lights in Government Schools	14
<b>TOTAL</b>		<b>89</b>

SEIAA was satisfied with reply of the project proponent. A copy of the revised presentation submitted by project proponent was also taken on record.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of Commercial and Group Housing Project namely “The Lutyens” at Banur-Landran Highway Banur, SAS Nagar, Punjab in area of 19,863.15 sqm having built-up area of 80,753 sqm as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures and subject to the conditions proposed by SEAC and additional conditions as under:

- 1) The project proponent shall undertake revised AEA activities as per Table-I above.
- 2) Plantation activities should be commenced at the earliest and completed within 1 year. 360 number 8 Feet tall plants of indigenous tree species should be planted.
- 3) The Project Proponent shall not allow occupancy in the project till the time sewer of the project is connected with the MC sewer which in turn is connected with the operational terminal STP of the MC.

**Item No.263.07: 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:*

<b>Sr. No.</b>	<b>Type of industrial unit</b>	<b>Required</b>
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 259<sup>th</sup> 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	
<b>1</b>	<b>Basic Details</b>	
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:	<b>SIA/PB/INFRA2/440659/2023</b>
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
<b>2.</b>	<b>Site Suitability Characteristics</b>	
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.

<b>3</b>	<b>Forest, Wildlife and Green Area</b>					
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.				
<b>4.</b>	<b>Population</b>	<b>1405</b>				
		<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					
<b>5</b>	<b>Water</b>					
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: <i>(STP capacity, technology &amp; components)</i>	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	
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										
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	<b>Air</b>															
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	<b>Waste Management</b>															
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.	<b>Energy Saving &amp; EMP</b>				
8.1	Power Consumption:	<b>Description</b>		<b>Total</b>	
		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.				
	<b>S. No.</b>	<b>Title</b>	<b>Construction Phase</b>		<b>Operation Phase</b>
			<b>Capital Cost (in Lakhs)</b>	<b>Recurring Cost (in Lakhs per Annum)</b>	<b>Recurring Cost (in Lakhs per Annum)</b>
	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	--
	<b>Total</b>		<b>Rs. 94.50 Lakhs</b>	<b>Rs. 7.5 Lakhs</b>	<b>Rs. 19.50 Lakhs</b>
	<b>Additional Environment activities:</b>				
<b>Sr. No.</b>	<b>Extra activities</b>			<b>Cost (Rs. Lacs)</b>	

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.

**Deliberations during 260<sup>th</sup> meeting of SEAC held on 25.09.2023.**

The meeting was attended by the following:

- (i) Sh. Sandeep Kumar, Manager M/s SBP Shinestar Pvt Ltd.
- (ii) Mr. Deepak Gupta, Environmental Advisor.

During meeting, the Committee perused the reply and observed that the Project Proponent has proposed to develop the land area of 1 acre adjoining to the project site for utilization of the excess treated wastewater generated from the project. The Project Proponent has submitted copy of agreement to sell, which was expired on 31.12.2021. The Committee asked the Project Proponent to submit the valid land ownership document. Accordingly, the Project Proponent submitted valid copy of agreement to sell for the land area measuring 1.102 acres.

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 Residential group housing project namely “City of Dreams 5” at Village Dyalpura, Zirakpur, Punjab subject to the standard conditions:

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023:**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- i) Ms. Kanika, Assistant Manager, M/s SBP Shinestar Pvt Ltd.
- ii) Mr. Deepak Gupta, Environmental Advisor, M/s CPTL.

During the meeting, Environmental consultant presented salient features of the project.

To a query by SEIAA regarding the disposal of 88 KLD treated wastewater, Environmental consultant informed that the project proponent will develop 1.0 acres land area as per karnal technology model to utilize the treated wastewater.

To another query by SEIAA regarding the technology to use the wastewater, Environmental Consultant informed that wastewater generated from the project will be treated in an STP with a capacity of 225 KLD based on the SBR technology followed by Ultra-Filtration.

Thereafter, the additional environmental activities to be carried out under the project and outlays for the same were discussed and finalized as under:

**TABLE-I**

**Additional Environmental Activities**

<b>Sr. No.</b>	<b>Extra activities</b>	<b>Cost (Rs. Lacs)</b>
1.	Jute bags @ 36000 No.s distribution through PPCB/government departments	5
2	Pond as per Seechewal Model for village Bhankarpur	25
3	Composter of capacity 500 kg/day in Gurudwara, Zirakpur	24
Total		54

A copy of the revised presentation submitted by project proponent was also taken on record.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of Group Housing Project namely “City of Dreams 5” at village Dyalpura, Zirakpur, District SAS Nagar, Punjab in land area of 9,862 sqm having built-up area of 44,931.51 sqm as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures and subject to the conditions proposed by SEAC and additional conditions as under:

- 1) The project proponent shall install STP based on SBR technology followed by UF technology to treat the wastewater generated from the project and shall achieve BOD standard less than or equal to 10 mg/l.
- 2) Plantation activities should be commenced at the earliest and completed within 1 year. 8 Feet tall plants of indigenous tree species should be planted.
- 3) The project proponent shall undertake revised AEA activities as per Table-I above.



**Item No. 263.08: Application for Environment Clearance under EIA notification dated 14.09.2006 for Area Township Project namely “Joynest Aerocity” at Village Azizpur & Khijjergarh, Tehsil Banur, Distt-SAS nagar, Punjab by M/s BSBP Estates (P) LTD (Proposal No. SIA/PB/INFRA2/438592/2023)**

The project proponent has submitted application for obtaining Environment Clearance under EIA notification dated 14.09.2006 for establishment of area township project namely “Joynest Aerocity” at Village Azizpur & Khijjergarh, Banur, SAS nagar, Punjab. The total area of the project is 124759.40 sqm having built up area of 107409.65 sq.m. The project is covered under category 8(a) of the schedule appended with the EIA Notification dated 14.09.2023.

The project proponent has submitted the Checklist, Conceptual Plan, EMP, Form-I/IA and other through Parivesh portal. He has also deposited Rs. 2,37,364/- vide UTR No./ Reference ID HDFCR5203071973094991 dated 19.07.2023. The adequacy of the fee has been checked & verified by the supporting staff of SEIAA.

Punjab Pollution Control Board vide letter No. 7090 dated 13.09.2023 furnished the latest construction status report is as under:

*“The project site was visited by 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 Azizpur & Khijjergarh, Banur, District 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. *There is no sewer available in the vicinity of the proposed project and the land of 4 acres designated by the promoter company for disposal of 548 KLD treated wastewater (As per Karnal Technology) is inadequate. The promoter company is required at least additional 1.5 acres land for disposal of 548 KLD treated wastewater.*
4. *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 250m from the boundary of the proposed site of the project. There is no approved existing operational air polluting industry within a radius of 100m from the boundary of the project.*
5. *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:*

<b>Sr. No.</b>	<b>Type of industrial unit</b>	<b>Required distance as per siting criteria</b>
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
9.	Retail Outlet (Petrol Pump)	50 m

6. The site of the project is conforming to the siting guidelines laid down by the Government of Punjab, Department of Science Technology and Environment vide order dated 25.07.2008 as amended on 30.10.2009.”

**Deliberations during 260<sup>th</sup> meeting of SEAC held on 25.09.2023.**

The meeting was attended by the following:

- (i) Mr. Akashdeep Sethi, Senior Manager.
- (ii) Mr. Deepak Gupta, Environmental Advisor on behalf of Project Proponent.
- (iii) Sh. Sital Singh, 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
<b>1</b>	<b>Basic Details</b>	
1.1	Name of Project & Project Proponent:	Residential Township Project namely “ Joy nest Aerocity ” by M/s BSBP Estates (P) LTD
1.2	Proposal:	SIA/PB/INFRA2/438592/2023
1.3	Location of Project:	Village Azizpur & Khijjergarh, Banur, SAS nagar, Punjab
1.4	Details of Land area & Built up area:	Plot area: 124759.40 Sqm and built-up area will be 107409.65 sq.m
1.5	Category under EIA notification dated 14.09.2006	8(a)
1.6	Cost of the project (Rs. in crores)	67 cr
<b>2.</b>	<b>Site Suitability Characteristics</b>	
2.1	Whether project is suitable as per the provisions of Master Plan:	As per the planning area of Banur, the project falling in the residential zone.
2.2	Whether supporting document submitted in favour of statement at 2.1, details thereof: (CLU/building plan approval status)	The documents of the ownership of land is submitted

<b>3</b>	<b>Forest, Wildlife and Green Area</b>			
3.1	Whether the project required clearance under the provisions of Forest Conservations Act 1980 or not:	A copy of the NOC vide letter No. 1736 dated 21.06.2023 issued by Divisional Forest Officer, wherein it has been that the forest area does not fall in the project land.		
3.2	Whether the project required clearance under the provisions of Punjab Land Preservation Act (PLPA), 1900.	A copy of the NOC vide letter No. 1736 dated 21.06.2023 issued by Divisional Forest Officer.		
3.3	Whether project required clearance under the provisions of Wildlife Protection Act 1972 or not?	No		
3.5	Whether the project falls within the influence of Eco-Sensitive Zone or not.	No, the project does not fall within any eco-sensitive zone. An undertaking in this regard submitted.		
3.6	Green area Requirement and proposed No. of trees:	Total green area: 9610 sqm Proposed trees to be planted: 1600 nos.		
<b>4.</b>	<b>Population &amp; configuration</b>			
4.1	Population	10549		
4.2	Configuration:			
<b>AREA STATEMENT</b>				
<b>S.NO.</b>	<b>DESCRIPTION</b>	<b>AREA</b>		<b>PERCENTAGE</b>
		<b>SQFT</b>	<b>ACRES</b>	<b>%</b>
	TOTAL SITE AREA AS PER LICENSE	1352755.80	31.055	
	AREA LEFT FOR ROAD WIDENING	10603.98	0.24	
	<b>TOTAL SITE AREA</b>	<b>1342151.82</b>	<b>30.81</b>	<b>100</b>
1	RESIDENTIAL	501907.17	11.52	37.40
2	COMMERCIAL	43190.28	0.99	3.22
	COMMERCIAL PARKING	36581.21	0.84	2.73
	TOTAL COMMERCIAL AREA	79771.49	1.83	5.94
3	ORGANIZED GREENS			
	ORGANIZED GREEN-1	37103.46	0.85	2.76
	ORGANIZED GREEN-2	50618.66	1.16	3.77
	ORGANIZED GREEN-3	14228.23	0.33	1.06
	TOTAL ORGANIZED GREEN	101950.35	2.34	7.60
4	UTILITIES			
	S.T.P.	10666.64	0.24	0.79
	WATER WORKS (UGSR)	4301.55	0.10	0.32

		MUNICIPAL SOLID WASTE + E-WASTE	4827.04	0.11	0.36
		TOTAL UTILITIES AREA	19795.23	0.45	1.47
	6	BALANCE AREA (ROADS, OPEN SPACES, EXTRA GREEN, FUTURE EXPANSION ETC.)	638727.57	14.66	47.59
		<b>TOTAL</b>	<b>1342151.82</b>	<b>30.81</b>	<b>100.00</b>
<b>TOTAL SALEABLE AREA (@ 65 % PERMISSIBLE LIMIT)</b>					
	1	RESIDENTIAL	501907.17	11.52	37.40
	2	COMMERCIAL (EXCLUDING PARKING)	42416.84	0.97	3.16
		<b>TOTAL</b>	<b>544324.02</b>	<b>12.50</b>	<b>40.56</b>
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.		
5.3	Water requirement & Population:				
	No of plots 522 Booths 16	522 Plots @ 15 residents each per plot 16 Booths @ 2 person each per booth	7830 Persons 32 persons		
	Commercial DSS (Double Story Shops) 5375 Sqm G/Floor 5375 Sqm 1st floor	5375 Sqm @1 person / 3 sqm 5375 Sqm @1 person / 6 sqm Total	1791 Persons 896 Persons 2687 Persons		
	Population	7830 @ 135 lit./person /day	1057 KLD		
	Population	32 person @45 ltr/person	1 KLD		
	Commercial Population floating Permanent	90% of the total 2418@ 15ltr/person 10 % of the total 269@45 ltr /person	36 KLD 12 KLD		
	Domestic water required		1106 KLD		
	Total Flow to STP@ 80%	(Domestic water)	885 KLD		
	Flushing	7830 @45ltr/Person/day Permanent @ 20 ltr/person Floating @10 ltr/person	352 KLD 5 KLD 24 KLD		
5.3	Utilization/Disposal of excess treated wastewater.		Permission for excess treated water discharged into sewer is not submitted.		
5.4	Cumulative Details:				

	S. No.	Total water Requirement	Total wastewater generated	Treated wastewater	Flushing water requirement	Green area requirement	Into sewer
	1.	1106 KLD	885 KLD	885 KLD	381 KLD	Summer: 53 KLD Winter: 17 KLD Monsoon: 5 KLD	Excess will be utilized into land for irrigation in an area of 3.74 acres to be developed as per Karnal Technology lying adjoining to the project site  Summer: 451 KLD Winter: 487 KLD  Monsoon: 499 KLD
5.5	Rain water harvesting proposal:			5 Rain Water Recharging pits with dual bore have been proposed for artificial rain water recharging within the project premises.			
6	<b>Air</b>						
6.1	Details of Air Polluting machinery:			DG set of 3X 125KVA 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	<b>Waste Management</b>						
7.1	Total quantity of solid waste generation			<b>Total (kg/day)</b>			
				<b>3675</b>			

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 attached along with application. Recyclable component will be disposed off 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 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:	<b>Description</b>	<b>Total</b>	
		Electrical Power requirement (KW)	4000	
		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.			
		<b>Construction Phase</b>		<b>Operation Phase</b>
<b>S. No.</b>	<b>Title</b>	<b>Capital Cost (in Lakhs)</b>	<b>Recurring Cost (in Lakhs per Annum)</b>	<b>Recurring Cost (in Lakhs per Annum)</b>
1.	Medical Cum First Aid	0.50	1.0	--
2.	Toilets for workers	2.0	1.0	--
3.	Wind breaking curtains	10.0	3.0	--
4.	Sprinklers for suppression of dust	4.0	4.0	--
5.	Sewage Treatment Plant	175.0	---	10.0
6.	Solid waste Management	50.0	--	10.0
7.	Green belt development	40.0	--	20.0
8.	Rain water harvesting	15.0	--	3.0

	9.	Smog gun	6.0	2.0	
	<b>Total</b>		<b>Rs.252.50 Lakhs</b>	<b>Rs. 11 Lakhs</b>	<b>Rs.43.00 Lakhs</b>

During meeting, the Committee observed that the Project Proponent has proposed to develop the land area of 3.74 acres adjoining to the project site as per Karnal Technology for utilization of the excess treated wastewater generated from the project. The said land area lies in the ownership of the Project Proponent. The Project Proponent during the meeting submitted land ownership documents of the land measuring 3.74 acres. The Committee noted the same.

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 Residential group housing project namely “Joynest Aerocity” at Village Azizpur & Khijergarh, Tehsil Banur, District SAS Nagar, Punjab subject to the standard conditions.

#### **Deliberations during the 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023:**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- (i) Mr. Akashdeep Sethi, Senior Manager.
- (ii) Mr. Deepak Gupta, Environmental Advisor on behalf of Project Proponent.
- (iii) Sh. Sital Singh, Environmental Consultant M/s CPTL

During the meeting, Environmental consultant presented salient features of the project. Environmental Consultant also informed that there are certain errors in the proceedings of the meeting of SEAC in respect of areas and water balance as also in its recommendations. The correct areas and water balance statement of the project were submitted as under:

#### **Area Statement**

<b>Description</b>	<b>Sqft</b>	<b>Acres</b>
RESIDENTIAL	506435.09	11.63
COMMERCIAL	34776.50	0.80
COMMERCIAL PARKING	32254.23	0.74
TOTAL COMMERCIAL AREA	67030.73	1.54
GREEN / PARKS		
PARK-1	39565.64	0.91
PARK-2	50667.10	1.16
PARK-3	13171.39	0.30

TOTAL GREEN/PARKS AREA	103404.12	2.37
UTILITIES		
E.G.S.	3232.38	0.07
S.T.P.	4748.34	0.11
WATER WORKS	2878.72	0.07
AMENITIES	3557.13	0.08
TOTAL UTILITIES AREA	14416.57	0.33
BALANCE AREA (ROADS, OPEN SPACES, EXTRA GREEN, FUTURE EXPANSION ETC.)	651124.66	14.95
<b>TOTAL</b>	<b>1342411.18</b>	<b>30.82</b>

### Revised water requirements & Population

No of plots 522	522 Plots @ 15 residents each per plot	7830 Persons
Booths 16	16 Booths @ 2 person each per booth	32 persons
Commercial DSS (Double Story Shops)	4031 Sqm @1 person / 3 sqm	1343 Persons
4031 Sqm G/Floor	4031 Sqm @1 person / 6 sqm	672 Persons
4031 Sqm 1st floor	Total	2015 Persons
Population	7830 @ 135 lit./person /day	1057 KLD
Population	32 person @45 tlr/person	1 KLD
Commercial	90% of the total 1813@ 15ltr/person	27 KLD
Population floating	10 % of the total 202@45 ltr /person	9 KLD
Permanent		
Domestic water required		1094 KLD
Total Flow to STP@ 80%	(Domestic water)	875 KLD
Flushing	7830 @45ltr/Person/day	352 KLD
	Permanent @ 20 ltr/person	4 KLD
	Floating @10 ltr/person	18 KLD

### Water Balance:

A total of 875 KLD domestic wastewater will be generated which will be treated in the STP of 1300 KLD capacity based on SBR technology. The details of the disposal arrangement of treated wastewater @875 KLD available at the outlet of STP are given as under:

Sr. No.	Season	Flushing (KLD)	Horticulture demand in KLD (9610 sqm)	Excess to karnal technology (KLD) in an area of 3.74 acres
1.	Summer	374	53	448
2.	Winter	374	17	484
3.	Rainy	374	5	496

To a query by SEIAA regarding the hydraulic loading of the wastewater, Environmental consultant informed that maximum quantity of 496 KL of treated wastewater was proposed to be utilized in 3.74 acres plantation area, which shall be developed as per the Karnal Technology model. As such, the hydraulic loading works out to 133 KL/Acres/Day. To this, SEIAA asked the project proponent to reduce the hydraulic loading to a maximum of 100 KL/Acre/Day by increasing the area to be developed under Karnal Technology model. The project proponent agreed to increase the land area from 3.74 acre to 5 acres land for which an undertaking was submitted, which was taken on record.

Thereafter the EMP and AEA activities were discussed and finalized as under:

**Table-1**

Sr. No.	Particulars	Construction Phase		Operation Phase
		Approx. Capital Cost (Rs in Lac)	Approx. Recurring Cost (Rs in Lac per year)	Approx. Recurring Cost (Rs in Lac per year)
1.	Medical Cum First Aid	0.50	1.0	-
2.	Toilets for sanitation system	2.0	1.0	-
3.	Wind breaking curtains	10.0	3.0	-
4.	Sprinklers for suppression of dust	4.0	4.0	-



5	Sewage Treatment Plant ( 1300 KLD)	125.0	-	10
6	Solid Waste segregation & disposal	50.0	-	10
7	Green Belt including grass coverage	40.0	-	20
8	RWHP	15.0	-	3
9	Smog Gun	6.0	2.0	-
10	Additional Environmental Activities*		65	
11	Environmental Monitoring		5.90	6.90
	Total	252.5	81.9	49.9

\*Details of the Additional Environmental Activities:

**Table-2**

Sr. No.	Additional Environmental activities	Amount (in lacs)
1	Distribution of Jute Bags- @15000 nos. through District Administration /PPCB /Other Govt. agencies	30
2	Mechanical composter for Bakarpur Gurudwara Sahib 500 Kg/day with 3 years mantainence	37.00
	<b>Total</b>	<b>67</b>

SEIAA was satisfied with reply of the project proponent. A copy of the revised presentation submitted by project proponent was also taken on record.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the area township project namely "Joynest Aerocity" in area of 1,24,759.40 sqm having built-up area of 1,07,409.65 sqm at

Village Azizpur and Khijjergarh, Tehsil Banur, District SAS Nagar, Punjab by M/s BSBP Estate Pvt. Ltd., as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures and subject to the conditions proposed by SEAC and additional conditions as under:

- 1) The project proponent shall install STP based on SBR technology followed by UF technology to treat the wastewater generated from the project and shall achieve BOD standard less than or equal to 10 mg/l.
- 2) The project proponent shall undertake revised EMP activities as per Table 1 and revised AEA activities (including operation phase) as per Table 2 above.
- 3) Plantation activities should be commenced at the earliest and completed within 1 year. 1600 No.'s of 8 feet tall plants of indigenous tree species should be planted.

**Item No. 263.09: 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.

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 259<sup>th</sup> 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
<b>1</b>	<b>Basic Details</b>	
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 Amloh, 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><b>Compliance</b></p> <ul style="list-style-type: none"> <li>➤ 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.</li> <li>➤ Public Hearing Notice Published on 22.04.2023 in prominent newspaper namely ‘Hindustan Times’ and ‘Rozana Spokesman (Punjab daily)’.</li> </ul> <p>Following issues were raised during public hearing:</p> <ol style="list-style-type: none"> <li>1. Greenbelt</li> <li>2. Air and Water Pollution</li> </ol>

		<p>3. Employment</p> <p>Detailed Action Plan along with timeline and Budget allocation is given as <b>Annexure I</b>.</p>
<b>2.</b>	<b>Site Suitability Characteristics</b>	
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.
<b>3</b>	<b>Forest, Wildlife and Green Area</b>	
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.			
<b>4.</b>	Raw material, Products and Machinery details are as under:				
	<b>S. No.</b>	<b>PARTICULARS</b>	<b>EXISTING</b>	<b>PROPOSED</b>	<b>TOTAL</b>
	<b>A</b>	<b>EXISTING &amp; PROPOSED CAPACITY OF FURNACES &amp; ROLLING MILLS</b>			
	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>B</b>	<b>PRODUCTS</b>			
	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
	<b>C</b>	<b>RAW MATERIAL</b>			
	1	<b>INDUCTION FURNACE</b>			
		MS Scrap, Ferro alloys (TPA)	Nil	1,73,250	1,73,250
	<b>D</b>	<b>GENERALS</b>			
	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			
<b>5</b>	<b>Water</b>				
5.1	Total water requirement:	98.0 KLD			
5.2	Source:	Tube well			
5.3	Whether Permission obtained for	Permission to PWRDA is already been filed and is under process.			

	abstraction/supply of the fresh water from the Competent Authority (Y/N) Details thereof			
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)			
	<b>DESCRIPTION</b>	<b>EXISTING REQUIREMENT</b>	<b>PROPOSED REQUIREMENT</b>	<b>TOTAL REQUIREMENT</b>
	Domestic	4.0 KLD	10.0 KLD	14.0 KLD
	Cooling (makeup water)	20.0 KLD	64.0 KLD	84.0 KLD
	<b>Total</b>	<b>24.0 KLD</b>	<b>74.0 KLD</b>	<b>98.0 KLD</b>
	Water Consumption for Winter & Rainy (KLD)			
	<b>DESCRIPTION</b>	<b>EXISTING REQUIREMENT</b>	<b>PROPOSED REQUIREMENT</b>	<b>TOTAL REQUIREMENT</b>
	Domestic	4.0 KLD	10.0 KLD	14.0 KLD
	Cooling (makeup water)	10.0 KLD	26.0 KLD	36.0 KLD

	<b>Total</b>	<b>14.0 KLD</b>	<b>36.0 KLD</b>	<b>50 KLD</b>																																								
5.8	Rain water harvesting proposal:	<p><b>Outside:</b> The industrial unit has adopted one village pond for rain water harvesting. The total recharge potential will be 69,300 m<sup>3</sup>/year. NOC obtained from Sarpanch is submitted. Further, all the waste water of nearby village which will be directed towards the village pond will be first treated in trenches through CSIR-NEERI's Phytoid waste water treatment technology and overflow water will be discharged into the pond.</p> <p><b>Inside:</b> - 2 tank of 14 KLD is proposed for inside rain water harvesting using roof top of the project site.</p>																																										
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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.
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.	<b>Solid/ Hazardous Waste</b>				
		<b>S.No.</b>	<b>Waste Category</b>	<b>Existing</b>	<b>After Expansion</b>	<b>Disposal</b>
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<b>8</b>	<b>Energy Saving &amp; EMP</b>					
8.1	Power Consumption:	<b>Description</b>	<b>Existing</b>	<b>Additional</b>	<b>After</b>	

			<b>Requirement</b>		<b>Expansion</b>
		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	<b>CER activities-</b> 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.	<b>EMP BUDGET</b>	<b>Submitted.</b>			
	Additional Environmental Activities:				
	<b>Sr. No.</b>	<b>Activities</b>	<b>Budget Allocation (In Rs)</b>	<b>Timeline</b>	
	1	Jute Bags distribution (4000bags) with help of PPCB, R.O. Mandigobindgarh.	Rs10.0 Lakhs	End of December 2023	
	2	Deposit in account of Green Punjab Campaigning	Rs 20.0 Lakhs	August 2024	
	3	Rejuvenation of Adopted Pond of Village Bulepur Mandigobindgarh	Rs 30.0 Lakhs	Monsoon seasons May – June 2025	
	<b>Total</b>		<b>Rs 60.0 Lakhs</b>		

## 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	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	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	Bag filters shall be installed and will be in operated along with induction furnace before the start of commercial production.

		while going to village.	furnace and there will be no usage of fossil fuel.  He assured that there will be no illegal parking of trucks on public road.	induction furnace.  Vehicles shall be park within the premises. There is sufficient space approx. 7416 sqm open and transportation area is available for parking.	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,	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.

		which create Dust pollution.			
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. <b>A court case is already going on for the industrial land and a stay has been imposed on the land.</b> He alleged that public hearing cannot be conducting during stay of court.	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 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.	An online Ambient monitoring system shall be installed to monitor the air pollution generated by the industry.	Already Addressed above
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	Environment Management Cell shall be created to handle emergency occurred due to natural or man-made accidents. Evacuation plan	A well-established OHAS is in place which will further be strengthen. Proper education on safe work protection is being/will be imparted to

			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.	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.	operational staff and construction workers.  Proper records of accidents reported and safety measures is/will be in place.
6	Mr. Om Prakash, Mandi Gobindgarh	He said that whether employment will be given to people of adjacent area by the industry and what will be done for their safety.	The Industries' Environment consultant said 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.	Provision of additional 250 educated and qualified workers is there for proposed expansion and priority shall be given to the local people for employment.	Contractual employment will start with 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	The Director of the industry told that priority will be given to the local villagers for the employment. The Environmental Engineer, Punjab	Agree, Provision of additional 250 educated and qualified workers are there for proposed expansion and priority shall be given to the local	Already addressed

		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.	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 workers will be employed.	people for employment.  An online Ambient monitoring system shall be installed to monitor the air pollution generated by the industry.	
8	Sh. Palwinder Singh, Village Talwara, Mandi Govindgarh	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.	Sub Divisional Magistrate, Bassi Pathana requested the Environmental Engineer, Punjab Pollution Control Board to take action on land case.		

		<p>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>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>After this, the Director of the industry told the</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 remaining greenbelt will be developed at additional land.</p>	<p>Greenbelt development will start within 3 months of grant of EC and completed within 2 years.</p> <p>The funds of 5 lakhs committed</p>
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			<p>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>Provision of 5 lakhs has been made for development of village Talwara under CER activity.</p>	<p>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.

**Deliberations during 260<sup>th</sup> meeting of SEAC held on 25.09.2023.**

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 reply of the aforementioned observations. Thereafter, the Environmental Consultant presented the reply as under:

Sr. No.	EDS	Reply
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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.	In Schedule-I of the Wildlife Protection Act,1972, only following three types of Monitor Lizards are covered: <ul style="list-style-type: none"> <li>• <b>Desert Monitor Lizard (<i>Varanus Griseus</i>)</b></li> <li>• <b>Bengal Monitor Lizard (<i>Varanus bengalensis</i>)</b></li> <li>• <b>Yellow monitor (<i>Varanus Flavescens</i>)</b></li> </ul> None of the species of Monitor Lizard has been mentioned in the working plan of District Fatehgarh Sahib Forest Division, which is approved by MOEF&CC Govt. of India. It is inadvertently mentioned in EIA report. However, during study, none of the Monitor Lizards covered under Schedule-I of the Wildlife Protection Act,1972 was found present in the core as well as buffer zone of the project.
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.	Parking area with in premises: <b>1133.40m<sup>2</sup></b> Additional parking area outside premises: <b>1050m<sup>2</sup></b> Total Area: <b>2183.40m<sup>2</sup></b> Only 24 Vehicles will be engaged for the transportation of Raw material as well as the product in a day. At a time, there will not be movement of more than 5 to 6 vehicles in the premises of the project. Therefore, the area earmarked for parking within the project site measuring 1133.40 sqm will be sufficient for movement and parking of these vehicles. In the stretch of land where the green belt is to be developed outside the project area, in addition to green belt 1050 sqm land area will be used for parking of vehicles. Therefore, the unit will be having adequate area for traffic circulation and parking purposes. Traffic Circulation Plan showing the parking area, traffic movement area, entry and exit is submitted.
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.	Earlier, Gram Panchayat Village Talwara, Distt. Fatehgarh Sahib, had filed a CWP no. 17,3867 & 438 of 1986 and CWP no. 226 & 658 of 1986 in the Hon'ble Punjab and Haryana High Court, With regard to ownership of Gram Panchayat of the land measuring 1202 Kanal 9 Marla. The main CWP no. 17 of 1986 and other writ petitions were dismissed by the Hon'ble Court on 2-9-1996. Now the Gram Panchayat has filed a case in the Hon'ble Court of Additional Deputy Commissioner,

		<p>Fatehgarh Sahib with the plea to declare Gram Panchayat owner of land measuring 1202 Kanal 9 Marla and necessary correction in this regard shall be made in the revenue record.</p> <p>The present court case regarding ownership of Gram Panchayat has no relevancy with the application filed by the Industry for obtaining EC under EIA notification as the same has already been dismissed by the Hon'ble Punjab and Haryana High Court. Copy of court case is submitted.</p>
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.	<p>Plan showing the intended land use within the project site with regard to industrial shed, raw material storage area, finished product storage area, parking area, waste collection area and proposed plantation is submitted. The detail in this regard is given as under:</p> <ul style="list-style-type: none"> <li>● <b>Total project area</b> =25823.78m<sup>2</sup></li> <li>● Existing shed area =10945.75m<sup>2</sup></li> <li>● Proposed shed area =2415.45m<sup>2</sup></li> <li>● Office Block Area =575.97m<sup>2</sup></li> <li>● Other covered Area =484.21m<sup>2</sup></li> <li>● Green Area =3874.00 m<sup>2</sup></li> <li>● Passage Area =5295.42m<sup>2</sup></li> <li>● Parking area =1133.40m<sup>2</sup></li> <li>● Open area =1099.58m<sup>2</sup></li> </ul>
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.	The land area, out of which additional land is to be developed as green belt, is in the name <b>M/s Impression Securities Private Limited Unit Bharat Ispat Udyog</b> . A copy of the registration deed of this land area is submitted.
6.	The industry shall submit the drawing by earmarking the proper scheme of green area and No. of trees.	3874m <sup>2</sup> (15%) of green area will be developed within the project site and 4648m <sup>2</sup> (18%) of green area will be developed outside the industrial premises. This land area comes out to be 33% of the total project area, where <b>1272 no.</b> of trees will be planted. Green area Plan is submitted.
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	The industry has already constructed a storage tank of capacity 30KL and another tank of 220KL capacity shall be constructed for collection of roof top rain water with Rain Water Harvesting system. So,

	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.	collected rain water will be used as make up in the cooling tower and irrigation of green area.																												
8.	The industry shall provide the details of the energy saving measures required to be adopted as per the statutory provisions.	<p>The industry shall take the following measures to save about <b>10-15% of energy</b>:</p> <ul style="list-style-type: none"> <li>• Energy efficient Induction Furnace based on State-of-the-Art Technology will be installed.</li> <li>• Energy efficient latest technology electric motors will be installed.</li> <li>• Energy efficient latest technology Cooling Tower will be installed.</li> <li>• No reheating furnace will be installed as direct hot rolling shall be done after CCM.</li> <li>• Solar Lights will be provided to lit the open area.</li> </ul>																												
9.	The industry shall submit the revised EMP by revising the capital cost of the STP in the EMP.	<p>Revised EMP as under:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Title</th> <th>Capital Cost Rs. Lakh</th> <th>Recurring Cost Rs. Lakh</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control during construction stage (Water, Sprinkler etc.)</td> <td>5.0</td> <td>0.5</td> </tr> <tr> <td>2</td> <td>Air Pollution Control Measures Bag filters, dust extraction systems, online monitor, etc.</td> <td>110.0</td> <td>15.0</td> </tr> <tr> <td>3</td> <td>Water and waste water Management (STP, Sedimentation, Tank, Oil Traps, etc.)</td> <td>25.0</td> <td>2.0</td> </tr> <tr> <td>4</td> <td>Rain water harvesting structure</td> <td>10.0</td> <td>1.0</td> </tr> <tr> <td>5</td> <td>Solid Waste Management</td> <td>5.0</td> <td>1.0</td> </tr> <tr> <td>6</td> <td>Noise Reduction Systems</td> <td>5.0</td> <td>1.0</td> </tr> </tbody> </table>	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.	110.0	15.0	3	Water and waste water Management (STP, Sedimentation, Tank, Oil Traps, etc.)	25.0	2.0	4	Rain water harvesting structure	10.0	1.0	5	Solid Waste Management	5.0	1.0	6	Noise Reduction Systems	5.0	1.0
S. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh																											
1	Pollution Control during construction stage (Water, Sprinkler etc.)	5.0	0.5																											
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6	Noise Reduction Systems	5.0	1.0																											

		<b>7</b>	Occupational Health, Safety and Risk Management	10	5.0
		<b>8</b>	Greenbelt development (Plantation and maintenance)	12.72	12.72 for 3 years
		<b>9</b>	Development of village Talwara under CER (Part of Public Hearing)	5.0	-
			<b>TOTAL</b>	<b>187.72 Lakhs</b>	<b>38.22 lakhs</b>
		<b>8</b>	<b>Environmental monitoring Program (Recurring Cost)</b>		
		<b>a)</b>	Air Quality Monitoring		0.35
		<b>b)</b>	Noise monitoring		0.1
		<b>c)</b>	Water and waste water monitoring		0.40
		<b>d)</b>	Soil quality monitoring and Solid and hazardous waste quality		0.30
			<b>TOTAL</b>	<b>187.72 Lakhs</b>	<b>39.37 lakhs</b>

The Committee perused the reply and was satisfied with the reply 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 expansion of steel manufacturing unit located at Village Talwara, GT Road, Sirhind side, Mandi Gobindgarh, Tehsil Amloh, District Fatehgarh Sahib, Punjab, subject to the standard conditions.

#### **Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which 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.

Environmental Consultant presented the salient features of the project.

To a query by SEIAA regarding the number of saplings to be planted in the 33% Green Area, Environmental Consultant informed that 1272 saplings will be planted in the said area.

To another query by SEIAA regarding the fuel to be used and as to whether any effluents will be discharged outside the project premises, Environmental Consultant informed that industry shall use Piped Natural Gas (PNG) as fuel and no effluents will be discharged outside the project premises.

Further, to a query by SEIAA whether specific orders on the merits of the case had been issued by the Hon'ble High Court while dismissing CWP no. 17 of 1986 filed against the PP by Gram Panchayat Wazirabad, the project proponent informed that no specific directions had been issued by the Hon'ble High Court which had dismissed the petition since the petitioner had conceded that the matter in dispute was covered by the decision in LPA no. 886 of 1993 decided on 21.08.1995 in favor of the PP. SEIAA took a copy of the orders of the Hon'ble High Court on record. PP further informed that the present litigation against them in the Court of the ADC, Fatehgarh Sahib is in respect of the same land in which the Hon'ble High Court has already dismissed the petition against the PP.

SEIAA was satisfied with reply of the project proponent subject to compliance of directions issued by Hon'ble courts.

A copy of the revised presentation submitted by project proponent was also taken on record.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for expansion of steel manufacturing unit for production of 1,57,500 TPA of steel ingots/billets or 1,40,000 TPA of TMT Bars, H.R. Strips/Angles, Channels by installing induction furnace of capacity 1 x 30 TPH with concast and existing rolling mill of capacity 2 x 15 TPH located at Village Talwara, GT Road, Sirhind Side, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab by M/s Impression Securities Private Limited unit Bharat Ispat Udyog Castings, as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and their consultant with proposed measures and subject to the conditions proposed by SEAC and the following additional conditions:

1. The PP will commence the tree plantation work within the project premises at the earliest and complete the same within 1 year. 1272 No.'s of 8 ft. tall plants of indigenous tree species will be planted in the Project Premises.

2. The interim / final directions of Ld Court of ADC Fatehgarh Sahib and other Hon'ble courts in respect of any litigation regarding the project land etc. will be complied with by the PP. The grant of the present EC does not in any way permit the PP to undertake any activity in contravention of the directions of Hon'ble Courts.



**Item No. 263.10: O.A no. 493/2023 titled as Purab Premium Apartment Allottees Association Vs Greater Mohali Development Authority and Ors.**

Member Secretary, PPCB vide its letter no. 21863 dated 22.09.2023 (**Annexure-4**) has sent copy of orders dated 17.08.2023 passed in O.A No. 493/2023 title as Purab Premium Apartment Allottees Association Vs Greater Mohali Development Authority and Or.

As per the orders, Hon'ble NGT has constituted a Joint Committee comprising of the representatives from SEIAA, Punjab, representative from PPCB and representative of DC, Mohali to visit the project and submit factual action taken report, within 04 weeks with regard to allegations by the applicant that the project proponent has failed to complete the project within timeline of 5 Years, non-compliance of condition of EC like installation of STP, provision of adequate drinking water, rain water harvesting system and solid waste management system. Hon'ble NGT has nominated State PCB as Nodal Agency for coordination and compliance. The matter is listed for hearing on 08.11.2023.

It is pertinent to mention here that PPCB has earlier issued notice to issue directions u/s 33A of the Water Act, 1974 to Chief Administrator GMADA for violation of the provisions of Water Act w.r.t its project namely "Purab Premium Apartments" at Sector 88, Mohali with a copy to SEIAA, Punjab. Accordingly, the matter was placed in 229<sup>th</sup> meeting of SEIAA held on 03.01.2023, wherein, SEIAA observed that the project was granted EC by the Authority vide letter no. 889-898 dated 14.02.2013 for developing Type-I, Type-II, Type-III multi storey flats at Sector 88, Mohali and the validity period of the said EC has expired. However, it is important to ascertain whether the Project has been completed in all respects. In case, it has not been completed, GMADA will have to apply for fresh EC and in case it has been completed, it is the responsibility of the Punjab Pollution Control Board to ensure that the applicable post completion EC conditions are complied with.

After detailed deliberations it was decided as under:

- i) Latest construction status report be obtained from GMADA and the PPCB w.r.t. the project namely "Purab Premium Apartments" at Sector 88, Mohali.
- ii) Present status of the case and decision taken regarding the show cause notice issued by the PPCB to GMADA be ascertained from the PPCB.

In compliance, Chief Administrator GMADA was requested to send the latest construction status vide letter no. SEIAA/MS/2023/415 dated 17.02.2023. Further, PPCB was also asked to send the present status of the case and decision taken regarding the show cause notice issued by the PPCB to GMADA vide Endst. No. SEIAA/MS/2023/416 dated 17.02.2023.

However, no reply was received from GMADA and from PPCB.

The matter was again placed during 250<sup>th</sup> meeting of SEIAA held on 09.06.2023, wherein, it was decided to issue reminders to GMADA and PPCB so that further action in the letter can be taken on receipt of their replies. Accordingly, reminders were issued to GMADA and PPCB vide letter no. 1077-1078 dated 16.08.2023. However, reply is still awaited from GMADA and PPCB.

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The matter was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023, wherein SEIAA was apprised about the orders dated 17.08.2023 passed in O.A No. 493/2023 by the Hon'ble NGT . SEIAA noted that the validity period of the Environmental Clearance granted to the project has already expired. Further, reply from the GMADA and PPCB in reference to SEIAA letter no. 415-416 dated 17.02.2023 and No. 1077-1078 dated 16.08.2023 is yet to be received.

After detailed deliberations, SEIAA decided as under:

1. Environmental Engineer, SEIAA shall represent SEIAA in the joint committee constituted by Hon'ble NGT. He shall attend the meeting of Nodal Agency i.e., State PCB on behalf of SEIAA as and when scheduled.
2. Another reminder be issued to the GMADA as well to the PPCB in reference to the earlier issued letters.

**Item No. 263.11: Inquiry by one-man committee under the Chairmanship of Deputy Director General of Forest, RO, Chandigarh, MoEF&CC reg.**

Supporting staff informed that Deputy Inspector General of Forest, MoEF&CC (ROHQ Division), New Delhi vide letter no. 7-36/2023-ROHQ dated 27.09.2023 has intimated that the tenure of one man committee constituted under the Chairmanship of Deputy General of Forest, Ministry of Environment, Forest & Climate Change (MoEF&CC), Chandigarh to inquire into the entire episode to find out as to where the officers/competent authorities under the UT administration have not acted as per the rules/regulation/acts and misused their powers, have been extended till 04.11.2023 as per approval given by the Competent Authority in the Ministry.

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

SEIAA was apprised that the matter relates to the inquiry initiated by the Deputy Director General of Forests, MoEF&CC into the entire episode referred by Advisor to Administrator, UT, Chandigarh to find out as to whether the officers/competent authorities under the UT administration have not acted as per the rules/regulation/acts and misused their powers.

Further, the tenure of the enquiry committee has been extended for a period of two months beyond the original time i.e., 04.11.2023.

Besides above, SEIAA was apprised that earlier an E-mail dated 13.07.2023 has been received from the office of Deputy Director General of Forest (Central), MoEF&CC, Regional Office, Chandigarh attaching a copy of the letter no. 47 dated 12.07.2023, wherein it was requested to provide the following information related to above mentioned inquiry may be supplied at the earliest:

<b>Sr. No.</b>	<b>Information sought</b>
1	Copy of the Environmental Clearance (EC) application received for the following projects:
a.	Group Housing Commercial, Residential and Institutional site in Sector 88-89, SAS Nagar by GMADA.
b.	Medicity Phase I & II Mullanpur, New Chandigarh by GMADA.
c.	Commercial Project "The Palms" Village Mullanpur Garibdas, Dhanuram and Mastgarh, District SAS Nagar, Punjab.
d.	Super Mega Mixed use Integrated Industrial Park Sector- 82, 83, 66-A, SAS Nagar, Mohali & Galaxy Heights by M/s Janta Land Promoters Limited (JLPL).

2	Status/Undertaking submitted by project proponent w.r.t. Wild Life Clearance of above all projects.
3	Minutes of meeting of the SEIAA for the appraisal of all above projects.
4	Copies of the EC granted to above all projects.

The aforesaid information has yet to be sent by the SEIAA.

After deliberations, SEIAA decided that the necessary documents related to the projects as available in the official record be provided to the Deputy Director General of Forests, MoEF&CC, at the earliest.

**Item No. 263.12: Application for transfer of Environment Clearance for Sand Mining project in the agriculture fields of Village Majari, Tehsil Nangal & District Rupnagar, Punjab measuring 4.98 Ha. (Proposal No. SIA/PB/MIN/304270/2023).**

Executive Engineer Drainage –cum-Mining & Geology, Rupnagar Division, WRD Punjab was granted Environmental Clearance(EC) under EIA notification dated 14.09.2006 by SEIAA, Punjab, vide EC identification no. EC23B001PB162531 dated 12.09.2023 for carrying out mining of minor minerals (sand) with production capacity of 35061 TPA over an area of 4.98 Ha located at Village Majari, Tehsil- Nangal & District Rupnagar, Punjab, subject to certain conditions.

Now, an online request vide proposal no. SIA/PB/MIN/304270/2023 has been received from Executive Engineer/Shri Anandpur Sahib, Drainage-cum-Mines and Geology, Water Resources Department, Punjab, wherein it has been requested to transfer the EC in the name of M/s GM Trading Company, 890 P, Sec-12, Panchkula, Haryana- 134109.

Along with the request letter, it has further submitted following documents:

- Declaration of authorised signatory Sh. Anil Kumar Goyal, Partner, M/s GM Trading Company authorizing Sh. Pardeep Goyal, Partner to Sign, Submit and collect all the necessary documents, papers etc.
- EC transfer fees amounting to Rs. 9960 vide UTR no. INDB19090578819 dated 18.09.2023.
- Provisional acceptance letter for mining cluster no. VIII comprising of mines Nangra Kamlot-2 and Majri in District Ropar vide no. 1335/cms/cluster VIII dated 05.06.2023 issued by Executive Engineer/Shri Anandpur Sahib, Drainage-cum-Mines and Geology, Water Resources Department, Punjab.
- Undertaking from Sh. Pardeep Goyal to comply with the conditions of provisional acceptance for mining cluster issued vide no. 1335/cms/cluster VIII dated 05.06.2023 issued by Executive Engineer/Shri Anandpur Sahib, Drainage-cum-Mines and Geology, Water Resources Department, Punjab.

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023, which was attended by the following:

- i) Sh. Harpreet Singh (SDO), Mining, Rupnagar
- ii) Smt. Harmanpreet Kaur, Environmental Consultant, M/s Eco Paryavaran

The Authorised Signatory Sh. Anil Kumar Goyal of M/s GM Trading Company requested SEIAA, to transfer the Environmental Clearance granted vide EC identification no. EC23B001PB162531 dated 12.09.2023 for carrying out mining of minor minerals (sand) with production capacity of 35,061 TPA over an area of 4.98 Ha located at Village Majari, Tehsil- Nangal & District Rupnagar, Punjab issued in the name of Executive Engineer Drainage –cum-Mining & Geology Division, Rupnagar.

To a query by SEIAA Environmental Consultant informed that there is no change in the earlier granted Environmental Clearance and the transferee will comply with all the conditions imposed in earlier granted Environmental Clearance.

To another query by SEIAA, it was informed that this is a Commercial Mining Site on agricultural land in which semi-mechanised method of mining will be adopted. Till date, no mining has been carried out in the said mining site and no litigation is pending against the project.

After detailed deliberations, SEIAA decided to accept the request of the project proponent and transfer the Environmental Clearance to M/s G.M Trading Company for the validity period of their contract with the mining department or till the validity of the original EC, whichever is earlier, subject to the same terms and conditions as stipulated in the original EC.

**Item No. 263.13: Application for transfer of Environment Clearance for Sand Mining project in the riverbed of Village -ADB Rail, Teh-Balachaur District SBS Nagar, Punjab measuring 3.87 Ha. (Proposal No. SIA/PB/MIN/305140/2023).**

Executive Engineer Drainage –cum-Mining & Geology, SBS Nagar Division, Punjab was granted Environmental Clearance (EC) under EIA notification dated 14.09.2006 by SEIAA, Punjab, vide EC identification no. EC23B001PB169405 dated 12.09.2023 for carrying out mining of minor minerals (sand) with production capacity of 51629 TPA over an area of 3.87 Ha located at Village -ADB Rail, Teh-Balachaur District SBS Nagar, Punjab, subject to certain conditions.

Now, an online request vide proposal no. SIA/PB/MIN/305140/2023 has been received from Executive Engineer/SBS Nagar, Drainage-cum-Mines and Geology, Water Resources Department, Punjab, wherein it has been requested to transfer the EC in the name of M/s Baba Technoplast, Bagbania, Nalagarh Road, District Solan, Himachal Pradesh.

Along with the request letter, it has further submitted following documents:

- Undertaking of authorised signatory Sh. Kuldeep Singh, that he is the Partner in M/s Baba Technoplast.
- EC transfer fees amounting to Rs. 7,740 vide UTR no. SBIN323257887357 dated 14.09.2023.
- Provisional acceptance letter for mining cluster no. XIII comprising of mines Arzi Darya Bramad Rail-1 and Arzi Darya Bramad Rail-2 in District SBS Nagar vide no. 2450/ Cluster XIII dated 05.06.2023 issued by Executive Engineer/SBS Nagar, Drainage-cum-Mines and Geology, Water Resources Department, Punjab.
- Undertaking from Sh. Kuldeep Singh to comply with the conditions of provisional acceptance for mining cluster issued vide no. 2450/ Cluster XIII dated 05.06.2023 issued by Executive Engineer/SBS Nagar, Drainage-cum-Mines and Geology, Water Resources Department, Punjab.

**Deliberations during 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023, which was attended by the following:

- i) Sh. Akash Agarwal (XEN), Mining, Ludhiana
- ii) Sh. Harjinder Singh, Mining Officer, Ludhiana

The Authorised Signatory Sh. Kuldeep Singh of M/s Baba Technoplast requested SEIAA, to transfer the Environmental Clearance granted vide EC identification no. EC23B001PB169405 dated 12.09.2023 for carrying out mining of minor minerals (sand) with production capacity of 51,629 TPA over an area of 3.87 Ha located at Village -ADB Rail, Teh-Balachaur District SBS Nagar, Punjab, subject to certain conditions issued in the name of Executive Engineer Drainage –cum-Mining & Geology Division, SBS Nagar.

To a query by SEIAA Environmental Consultant informed that there is no change in the earlier granted Environmental Clearance and he will comply with all the conditions imposed in earlier granted Environmental Clearance.

To another query by SEIAA, it was informed that this is a riverbed, Commercial Mining Site in which semi-mechanised method of mining will be adopted. Till date, no mining has been carried out in the said mining site and no litigation is pending against the project site.

After detailed deliberations, SEIAA decided to accept the request of the project proponent and transfer the Environmental Clearance to M/s Baba Technoplast for the validity period of their contract with the mining department or till the validity of the original EC, whichever is earlier, subject to the same terms and conditions as stipulated in the original EC.



**Item No. 263.14: Application for Environmental Clearance for carrying out mining of minor minerals (sand) at Village Kaila, Tehsil Dharamkot, District Moga, Punjab, by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur. (Proposal No. SIA/PB/MIN/438245/2023).**

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resources Department, Ferozepur 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 Kaila (**Agriculture site**), Tehsil Dharamkot, District Moga, Punjab.

The Department has deposited requisite fee of Rs. 5800/- dated 25.07.2023 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/Kaila /1965 dated 20.07.2023.

**Deliberations during 256<sup>th</sup> meeting of SEAC held on 21.08.2023.**

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Asst. Geologist.
- (ii) Sh. Lovpreet Singh, SDO, Department of Mining & Geology.
- (iii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India.

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

i)	Name of Applicant & Correspondence address: Mobile No: Email ID:	DMO Moga Office Of Executive Engineer/Ferozepur Drainage-Cum-Mining & Geology Water Resources Department, Punjab 89-Jhoke Road, Ferozepur 8146687777 xengolewala@rediffmail.com
ii)	Name of Environmental Consultant Mobile No. Email ID	Grass Roots Research and Creation (P) Ltd. 0120-4044630 info@grc-india.com
iii)	Online Proposal No.	<b>SIA/PB/MIN/438245/2023</b>
iv)	Project Name & Location	Kaila Sand Mining Project Village: Kaila

		Tehsil- Dharamkot District- Moga, Punjab
v)	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	1(a) Mining of Minor Minerals

**1.0 The details of the mining project are as under:**

Sr. No.	Item	Details			
i.	Category of the Project as per the EIA notification dated 14.09.2006	B2			
ii.	Hadbast No. of the Village	<b>247</b>			
iii.	Details of Khasra No. as under:				
	<b>Khasra No. as per proposal</b>	<b>Khasra No. as per DSR</b>	<b>Khasra No. as per consent of land</b>	<b>Name of owner of the land as per land NOC, DSR and Jamabandi</b>	
	3//20/2, 21, 22, 4//25, 13//1/2, 4, 5/2, 8, 15, 14//11	Not Mentioned	3//20/2, 21, 22, 4//25, 13//1/2, 4, 5/2, 8, 15, 14//11	Satnam Singh Kulwinder Singh Makhan Singh	
<b>The proposed site is a public mining site.</b>					
iv.	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			
v.	i. Area & Quantity details as per Mining plan and proposal	Area as per Mine Plan – 2.90 Ha. Quantity as per Approved Mine Plan - 41054 TPA			
	ii. Area and permissible quantity details as per DSR	Area as per DSR – 9.77 Ha. Quantity as per Approved DSR – 234245.52 TPA			
vi.	Details as per Mining plan	Approved by: Assistant Geologist, Punjab bearing Letter no Glg/Pb/M.P/Kaila/1965. Date of Approval: 20.07.2023 Approved Mining Lease Area: 2.90 Ha. Approved Mining Quantity: 41054 TPA Depth of Mining (m): 1 m			

vii.	Longitude & Latitude of the mining site	<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>
		Block-I		
		1.	30°59'6.05"N	75°13'53.67"E
		2.	30°59'6.04"N	75°13'56.03"E
		3.	30°59'5.19"N	75°13'56.06"E
		4.	30°59'5.14"N	75°13'53.69"E
		Block-II		
		5.	30°59'4.78"N	75°13'58.77"E
		6.	30°59'4.85"N	75°14'1.12"E
		7.	30°59'2.95"N	75°14'1.22"E
		8.	30°59'2.90"N	75°13'58.81"E
		Block-III		
		9.	30°59'5.03"N	75°14'1.45"E
		10.	30°59'6.85"N	75°14'1.49"E
		11.	30°59'6.84"N	75°14'3.47"E
		12.	30°59'6.32"N	75°14'3.48"E
		13.	30°59'6.31"N	75°14'5.86"E
		14.	30°59'5.07"N	75°14'5.79"E
		Block-IV		
		15.	30°59'6.87"N	75°14'3.49"E
		16.	30°59'8.29"N	75°14'3.49"E
		17.	30°59'8.34"N	75°14'5.91"E
		18.	30°59'9.59"N	75°14'5.98"E
		19.	30°59'9.65"N	75°14'8.71"E
		20.	30°59'8.43"N	75°14'8.77"E
		21.	30°59'8.47"N	75°14'10.99"E
		22.	30°59'6.91"N	75°14'11.04"E
Block-V				
23.	30°59'2.87"N	75°14'3.80"E		
24.	30°59'2.94"N	75°14'6.61"E		
25.	30°59'2.48"N	75°14'8.30"E		
26.	30°59'0.95"N	75°14'7.81"E		
27.	30°59'0.95"N	75°14'3.81"E		
viii.	Details of cluster formation	No cluster is formed, cluster letter submitted.		
ix.	Affidavit from the land owner giving consent for carrying out mining. (In case of Pvt land)	Land NOC submitted		
x.	Whether demarcation/erection of boundary pillars on the site has been done.	Demarcation done on 26-12-2022. Copy of demarcation report Submitted.		
xi.	Status of clearance under Forest Conservation Act, 1980,	Site has been proposed in the Sub-Divisional Committee report.		

	Wildlife Protection Act 1972 as the case may be				
xii.	Salient features of approved mining plans	Date of approval- 20-07-2023 Total Quantity-41054 tonnes			
xiii.	Method of mining	Opencast Semi-mechanized			
xiv.	No. of workers on the site when fully operational	24			
xv.	Total water requirement for domestic and other usage and its source	Domestic: 0.20 KLD Dust Suppression: 0.10 KLD Plantation: 1.45 KLD Total: 1.75 KLD			
xvi.	Waste water generation and its disposal	Nil			
xvii.	Information regarding nos of truck/trolleys 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.	14 Trucks per day Submitted			
viii.	Activities to be undertaken under EMP along with its cost.				
		<b>S.No</b>	<b>Particulars</b>	<b>Capital Cost(Rs)</b>	<b>Recurring Cost(Rs)</b>
		1.	Repairing of road for transport of mining material and its subsequent maintenances	40,000	12,000
		2.	Water Sprinkling Measures	1,00,000	50,000
		3.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	1,00,000	25,000
4.	Safety shoes/masks/earplugs/ first aid kit etc.	50,000	20,000		

		5	Additional Environment Activities(Green Belt Development)	1,45,000	75,000
			Total	4,35,000	1,82,000
xix.	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 0.78Km in W direction
ii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Distance from Bridge 2.44 Km towards SE
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 is 3.70 Km towards WNW.
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	<b>Air</b> -The major contribution of air pollution is by excavation, loading, transportation, hauling operation & handling of the mineral. This will lead to momentary rise in the particulate matter (PM10). As such there will be no noticeable impact on air quality.

		<p><b>Water-</b> Proposal for mining are given during dry months, therefore water quality will not deteriorate.</p> <p><b>Noise-</b> Mining is of open cast semi mechanized with deployment of light excavator. Therefore noise level too will not show any significant increase.</p>						
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"> <tr> <td>1</td> <td>Additional Environment Activities (Green Belt Development)</td> <td>1,45,000</td> <td>75,000</td> </tr> </table>			1	Additional Environment Activities (Green Belt Development)	1,45,000	75,000
1	Additional Environment Activities (Green Belt Development)	1,45,000	75,000					

During meeting, the Committee perused the KML file of the proposed site and observed that the nearest civil structure is situated at a distance of 27M from the proposed mining site.

Thereafter, Assistant Geologist, Department Mines & Geology, Punjab apprised the Committee that as per Punjab Minor Mineral Rules, 2013, no quarrying operations or workings shall be carried on or permitted within minimum distance of *50 meters from any reservoir, tank, canal or other public works such as public roads and buildings or inhabited sites.*"

He further requested the Committee to defer the case to the next meeting so that revised proposal be submitted in due course of time.

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

- (i) The Project Proponent shall submit the revised proposal by taking into consideration the minimum distance criteria laid down in the Punjab Minor Mineral Rules, 2013 (PMMR, 2013)
- (ii) The Project Proponent shall submit the superimposed map earmarking the proposed mining site with the area approved in the DSR in two different colors.
- (iii) The Project Proponent shall submit the photographs of the demarcation of the proposed mining site.
- (iv) The Project Proponent shall submit an undertaking duly signed by the DMO to the effect that the khasra Nos & area mentioned in the application proposal are as per the land NOC and latest jamabandi of proposed mining site.
- (v) The Project Proponent shall submit the revised details of the activities under the EMP.

## **Deliberations during 261<sup>st</sup> meeting of SEAC held on 26.09.2023.**

The meeting was attended by the following:

- (i) Sh. Gitesh Upveja, DMO, Department of Mining & Geology, Moga.
- (ii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India. (Through VC)

The Project Proponent presented the pointwise reply of the aforementioned observations raised by SEAC in its 256<sup>th</sup> meeting held on 21.08.2023.

The Project Proponent presented the KML file by superimposing the proposed site as per the application proposal and as per approved DSR, wherein it was shown that the distance of the proposed sand mining site to the closest habitation is 70m. Also, the proposed area of mining site measuring 2.90 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The project proponent submitted the demarcation photographs, revised EMP and an undertaking certifying that the land area and corresponding Khasra numbers are consistent with the latest Jamabandi (land revenue record). The Committee perused the same and found the documents in order.

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 2.90 Ha for the quantity of 41054 TPA, which shall not exceed the quantity of 234245.52 MT as per the approved DSR at Village Kaila, Tehsil Dharamkot, District Moga, Punjab, subject to the conditions attached as **Annexure-2** of the agenda.

## **2.0 Deliberations during the 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023:**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- (i) Sh. Gitesh Upveja, DMO, Department of Mining & Geology, Moga.
- (ii) Dr. Kishlay, Environmental Consultant, M/s GRC India.

During the meeting, the Environmental Consultant presented the salient features of the project and informed that the site is a Public Mining Site on Agricultural Land.

SEIAA observed that the brief synopsis of the project as per the new template and revised Environmental Management Plan (EMP) have been submitted, which were taken on record by the Authority. SEIAA noted that area of the mining site and the quantity of mining minerals have been reduced to 2.81 ha and 38,891 MT respectively.

Thereafter, the proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were discussed and finalized as under:

**TABLE-1**

<b>Sr. No</b>	<b>Environment mitigation measure</b>	<b>Total cost to be incurred (In Rs)</b>	<b>Recurring Cost (Rs)</b>
1	Water Sprinkling Measures to be done on haul road to suppress dust; Haul Road and other Roads Repair and maintenance	1,00,000	50,000
2	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	50,000	10,000
3	Plantation @ 50 plants / Ha. = 140 saplings @ Rs 1000 per plant	1,40,000	50,000
4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	30,000	7,000
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))	20,000	-
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	7,000
<b>Total</b>		<b>3,80,000</b>	<b>1,34,000</b>

To another query by SEIAA, the project proponent informed that all the conditions imposed by the SEAC while appraising the project were acceptable to them.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) at subject cited mining site for the total area of 2.81 Ha and quantity of 38,891 MT at Village Kaila, Tehsil Dharamkot, District Moga, Punjab as per the details mentioned in the application, approved mining plan, District Survey Report and other documents and subsequent clarifications made by the project proponent and his consultation, proposed measures and subject to the conditions proposed by SEAC and following additional conditions:

**Additional Conditions:**

- I. Only manual method of mining will be permitted.
- II. The project proponent shall implement the EMP and AEA as per Table 1 above.



- III. The quantities of minor minerals already extracted (if any) in the window(s) 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.
- IV. Enhancement in the total quantity to be extracted can be approved by SEIAA only upon submission of credible replenishment study data.

**Item No. 263.15: Application for Environmental Clearance for carrying out mining of minor minerals sand at Village Bangiwal, Tehsil- Nakodar, District- Jalandhar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Jalandhar. (Proposal No. SIA/PB/MIN/441932/2023).**

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, Jalandhar 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 Bangiwal, Tehsil- Nakoda, District- Jalandhar, Punjab.

The Department has deposited requisite fee of Rs. 5,440/- dated 26.08.2023 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./Bangiwal /2219 dated 24.08.2023**

**Deliberations during 261<sup>st</sup> meeting of SEAC held on 26.09.2023.**

The meeting was attended by the following:

- (i) Sh. Amrinder Singh, DMO, Jalandhar Department of Mines & Geology.
- (ii) Dr. KL Satapathy, Environmental Consultant, M/s GRC India. (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/441932/2023 Date of Submission: 06/09/2023
2.	Project Name & Location	Bangiwal Sand Mining Project Village: Bangiwal Tehsil: Nakodar District: Jalandhar State: Punjab

3	Name of the Applicant, Designation Mobile no. & Email Id	DMO Jalandhar  Executive Engineer cum District mining officer, Jalandhar Drainage Division, near Hoshiarpur Chowk, Jalandhar  7888512516  xenminingjal@gmail.com			
4	Name of Environmental Consultant , Mobile no. & Email Id	Grass Roots Research and Creation (P) Ltd.  0120-4044630  info@grc-india.com			
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	Area: 2.77 Ha			
i)	Mineral (s) to be mined	1) Sand			
ii)	Method of mining	<b>Manual</b>			
iii)	Agriculture land or River/Choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Agricultural Land			
	a. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA	<b>Description</b>	<b>As per the EC application</b>	<b>As per the approved</b>	<b>As per the Mining</b>
		<b>Mine Capacity in MT</b>	60630	75787.2	60630
	b. Area of the Mine as per EC application/DSR/Mining plan	<b>Mine Capacity in</b>	30315	NA	30315
	c. Depth of mining as per EC application/DSR/Mining plan	<b>Mining Area of mining in</b>	2.77	2.77	2.77
		<b>Depth of Mining in m</b>	3.0	NA	3.0

v)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable		Reference No: 643 Date of Issue: 19/07/23 Validity of LOI: Not Mentioned Mining Lease Area: 2.77 Mining Quantity: Not Mentioned	
7	Details of Final District Survey Report		Approved by : SEIAA, Punjab Reference No: SEIAA/MS/2023/537 Date of Issue: 29/03/2023 Safe distance from banks (m): 50m Annual rate of replenishment as per the study conducted: Study to be conducted.	
8	HadBast No.		345	
9	Land Khasra No. & their consent details			
	Sr No	Type	Khasra No	Consent details provided (Yes/No)
	1	Govt. Land	-	-
	2	Private Land	8//21, 8//22, 8//23, 8//24, 8//25, 15//1, 15//2	Yes
10	Latitude & Longitude			
		<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>
		1.	30°59'37.61"N	75°27'9.08"E
		2.	30°59'37.53"N	75°27'21.44"E
		3.	30°59'35.72"N	75°27'21.44"E
		4.	30°59'35.71"N	75°27'19.03"E
		5.	30°59'35.61"N	75°27'19.03"E
		6.	30°59'35.57"N	75°27'14.06"E
		7.	30°59'33.63"N	75°27'14.05"E
		8.	30°59'33.62"N	75°27'9.10"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.72.29 Lakhs		
14	Environmental Clearance. Fee details	Rs 5540/- Vide Ref No N238232611652485 dated 26/08/2023.		
15	Certificate to be provided by DMO that the proposal is as per the annexure-V of DSR.	Submitted Dated 25/08/2023		
16	Demarcation report of mining site	Date of demarcation: 21.12.2022 Nos of Burjis made: Photographs submitted: No No Signed by: Kanugo Balwinder Singh		
17	Workers (when fully operational)	24 Persons.		
18	Water Requirements & source	1.69 KLD Through Water tankers		
19	Waste water generation, Treatment & its Disposal	NIL		
20	Green Belt Development Plan including no. of trees to be planted & its species.	No of plant to be planted: 139 Nos Funds Allocated: Rs 1.39 lacs towards capital cost and Rs 0.65 Lacs towards recurring cost. (Rs 1000/- per tree as capital cost and Rs 1000/- per tree as maintenance 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	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	Total cost to be incurred (In Rs)	Recurring Cost (Rs)
	1.	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	1,90,000	50,000

	2.	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	65,000	10,000
	3.	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	35,700	7000
	4.	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))	31,000	-
	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))	10,000	10,000
	6.	Environmental Monitoring (Air, Water Soil etc.).	35,700	7000
		Total	3,67,400	84,000

24	<p>Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility</p> <p>DMO will be responsible for implementation of Additional Environmental Activities (AEA). As the project having</p> <p>minable Quantity 60630 MT, The project proponent has proposed to spent Rs 0.31 Lakhs (i.e @ Rs 0.50 per Ton) for AEA activities. It was proposed to spent the said amount on the followings: -</p> <p>i. The project proponent shall deposit Rs 1,99,000 for Green Area development in the Greening Punjab Mission revenue head of the state treasury through the DFO prior to commencement of mining operations and thereafter 1 year after grant of EC as specified at S No. 3 of Table 1 in the following Budget Head:</p> <p style="text-align: center;"><b>Table-1</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 15%;"><b>Demand No. Major Head</b></td> <td><b>32- Forestry and Wildlife 0406 – Forestry and Wildlife</b></td> </tr> <tr> <td>Sub-Major Head</td> <td>01 – Forestry</td> </tr> </table>	<b>Demand No. Major Head</b>	<b>32- Forestry and Wildlife 0406 – Forestry and Wildlife</b>	Sub-Major Head	01 – Forestry
<b>Demand No. Major Head</b>	<b>32- Forestry and Wildlife 0406 – Forestry and Wildlife</b>				
Sub-Major Head	01 – Forestry				

	Minor Head	102- Receipts Forestry From Social and Farm
	Sub-Head	03 – Green Punjab Mission
	Detailed Head	01- Green Punjab Mission Fees
	ii)	Rs 1,90,000 for repair of haulage road of village and plantation alongside the road so as to minimize the impact of air pollution due to increase traffic on the villagers and /or
	iii)	Rs 65,000 for Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc.
25	<p>Other important facts:</p> <p>Following facts may be considering while recommending the case:-</p> <ul style="list-style-type: none"> <li>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.</li> <li>ii) During the lease period, the deposit will be worked from the top surface to 3 m below ground level or above ground water table, whichever comes first.</li> <li>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.</li> <li>iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc.</li> <li>v) An undertaking submitted to the effect that 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</li> </ul> <p style="text-align: center;">Or</p> <p>The total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.</p>	

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. As per the said KML file, the proposed area of mining site measuring 2.77 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The project proponent submitted the demarcation photographs, revised EMP and an undertaking certifying that the land area and corresponding Khasra numbers are consistent with the latest Jamabandi (land revenue record). The committee perused the same and found the documents in order.

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 2.77 Ha for the quantity of 60630 MT

(30315 TPA), which shall not exceed the quantity of 75787.2 MT as per the approved DSR at Village Bangiwal, Tehsil- Nakodar, District- Jalandhar, Punjab, subject to the conditions attached as **Annexure-2** of the agenda.

**2.0 Deliberations during the 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023:**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- i) Sh. Karan Singh, SDO, Kapurthala Division, Department of Mines & Geology.
- ii) Dr. Kishlay, Environmental Consultant, M/s GRC India.

During the meeting, the Environmental Consultant presented the salient features of the project and informed that the site is a Public Mining Site on Agricultural Land.

SEIAA observed that the brief synopsis of the project as per the new template and revised Environmental Management Plan (EMP) have been submitted.

To a query by SEIAA regarding the NOC of the land bearing khasra no. 28//23/1 as mentioned in the proposal, the project proponent informed that the NOC has not been obtained for this khasra number and the same is also not part of mining plan and hence the same may be omitted.

Thereafter, the proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were discussed and finalized as under:

**TABLE-1**

<b>Sr. No</b>	<b>Environment mitigation measure</b>	<b>Total cost to be incurred (In Rs)</b>	<b>Recurring Cost (Rs)</b>
1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance.	1,50,000	50,000
2	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	65,000	10,000
3	Plantation @ 50 plants / Ha. = 140 saplings @ Rs 1000 per plant	1,40,000	50,000
4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	30,000	7,000



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))	30,000	-
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	7,000
<b>Total</b>		<b>4,55,000</b>	<b>1,34,000</b>

To another query by SEIAA, the project proponent informed that all the conditions imposed by the SEAC while appraising the project were acceptable to them.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) at subject cited mining site for the total area of 2.77 Ha for the quantity of 30,315 TPA, which shall not exceed the quantity of 60,630 MT at Village Bangiwal, Tehsil- Nakodar, District- Jalandhar, Punjab as per the details mentioned in the application, approved mining plan, District Survey Report and other documents and subsequent clarifications made by the project proponent and his consultation, proposed measures and subject to the conditions proposed by SEAC and following additional conditions:

**Additional Conditions:**

- I. Only manual method of mining will be permitted.
- II. The project proponent shall implement the EMP and AEA as per Table 1 above.
- III. The quantities of minor minerals already extracted (if any) in the window(s) 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.
- IV. Enhancement in the total quantity to be extracted can be approved by SEIAA only upon submission of credible replenishment study data.

**Item no. 263.16: Application for Environmental Clearance for sand mining project as per DSR NO. SEIAA/MS/2022/1318 with production capacity of 16443 TPA over an area of 3.43 Ha on the River Bed (PB\_RUP\_SWAN-05) located at Village-Bhangal, Tehsil- Rupnagar, District- Rupnagar, Punjab through XEN/DMO District Rupnagar, Government of Punjab (Proposal No. SIA/PB/MIN/428616/2023).**

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) in an area of 3.43 Ha at Village: Bhangal (Riverbed-CMS site) Tehsil & District- Rupnagar, Punjab.

The Department has deposited requisite fee of Rs. 6860/- paid online 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./Bhangal/1278 dated 29.04.2023.

**Deliberations during 258<sup>th</sup> meeting of SEAC held on 04.09.2023.**

The meeting was attended by the following:

- (i) Mr. Paras Mahajan, Assistant State Geologist, Head office.
- (ii) Sh. Harshart Kumar, DMO, Ludhiana Department of Mines & Geology.
- (iii) Dr. Sandeep Garg, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.
- (iv) Mrs. Jyoti Rani, EC- Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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

i)	Name of Applicant & Correspondence address:  Mobile No:Email ID:	XEN/DMO, Drainage-um-mining and Geology Division, WRD, Punjab, Room No. 145, D.C. Complex, Mini Secretariat, Rupnagar, 9878688998 rupinder.p@punjab.gov.in
ii)	Name of Environmental Consultant  Mobile No. Email ID	<b>Eco Paryavaran Laboratories &amp; Consultants Pvt. Ltd.</b>  9814003103, 0172461622, <a href="mailto:consulteco@yahoo.com">consulteco@yahoo.com</a>
iii)	Online Proposal No. & date of	SIA/PB/MIN/428616/2023 dated 23.08.2023

	Submission	
iv)	Project Name & Location	RBM Sand Mining Project Village: Bhangal Tehsil & 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

## 2.0 Details of the mining project

Sr. No.	Item	Details			
i)	Category of the Project as per the EIA notification dated 14.09.2006	B2			
ii)	Details of Proposed Mining Site (Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/ Choe to be specified.) (Whether it is a CMS/PMS etc.)	i) River bed ii) Commercial Mining Site			
iii)	Mineral (s) to be mined	1) Sand			
iv)	Method of mining	Semi Mechanized			
v)	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	<b>Description</b>	<b>As per the EC application</b>	<b>As per the approved DSR (pg. 249)</b>	<b>As per the Mining Plan</b>
		<b>Total Mine Capacity in MT</b>	49,329	1,89,203.52	49,329
		<b>Mine Capacity in TPA</b>	16443	--	16443
		<b>Mining Area on mining in HA</b>	3.43 Ha	15.58 Ha	3.43 Ha
		<b>Depth of Mining in m</b>	3m	3m	3m
vi)	Details of Final District Survey Report	Approved by: - SEIAA Reference No.: SEIAA/MS/2022/1318 Date of Issue: - 27/12/2022 Mining Lease Area: 3.43 Ha.			

		Mining Quantity: 49329 Tones in 3 year period		
vii)	Details Letter of Intent (LOI)/E-Auction issued by the State Govt., where applicable	Reference No: Memo No. 8893-8901 dt 21.11.2022 Date of Issue: 13-04-2023 Validity of LOI: 3 years Mining Lease Area: 3.43 Ha Mining Quantity: 49329 tonnes		
viii)	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.	Certificate No: Attached as Annexure-A Date: 31.08.2023		
ix)	Hadbast No. of the Village	<b>477</b>		
x)	a) Detail of Khasra No. of the proposed mining site and Status of consent of owner			
	Khasra No. as per proposal	Khasra No. as per DSR	Status of consent of owner (Yes/No) and Khasra No. as per consent of land	Name of owner of the land as per land NOC, DSR and Jamabandi
	1098//20, 21, 1099//1, 3, 7, 8, 10, 11, 13, 14, 15.	Lat and long are given in DSR which matches with co-ordinates given in application proposal.	YES 1098//20, 21, 1099//1, 3, 7, 8, 10, 11, 13, 14, 15.	Sushil kumar
	b) Whether undertaking to the effect that the land area & Khasra Nos mentioned in the land NOC of the respective land owners are in the name of the same land owner as per the latest jamabandi of Proposed mining site or not, submitted by the concerned DMO? (Yes/No)	YES		
xi)	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.	YES		

xii)	Demarcation report of mining site	Date of demarcation: 31-01-2023	
		Photographs submitted: <b>No</b>	
xiii)	Longitude & Latitude of the mining site		
	<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>
	<b>PIT-I</b>		
	1	31°19'15.65"N	76°19'3.79"E
	2	31°19'15.78"N	76°19'5.72"E
	3	31°19'15.35"N	76°19'6.24"E
	4	31°19'14.00"N	76°19'6.28"E
	5	31°19'14.02"N	76°19'7.74"E
	6	31°19'13.04"N	76°19'8.92"E
	7	31°19'12.15"N	76°19'8.92"E
	8	31°19'12.18"N	76°19'9.84"E
	9	31°19'10.91"N	76°19'11.28"E
	10	31°19'10.18"N	76°19'11.29"E
	11	31°19'10.20"N	76°19'11.84"E
	12	31°19'7.06"N	76°19'14.12"E
	13	31°19'6.32"N	76°19'14.12"E
	14	31°19'6.32"N	76°19'11.63"E
	15	31°19'10.31"N	76°19'3.88"E
	<b>PITII</b>		
	1	31°19'15.39"N	76°18'58.66"E
	2	31°19'15.54"N	76°19'1.24"E
	3	31°19'10.45"N	76°19'1.17"E
	4	31°19'13.83"N	76°18'58.61"E
xiv)	Whether demarcation/erection of boundary pillars on the site has been done.	NO, Mining will start only after erection of pakka pillars.	

xv)	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, Undertaking has been submitted.
xvi)	Does the project fall of eco-sensitive area/National Park /Wild Life Sanctuary? If yes, application submitted to NBWL.	NO
xvii)	Salient features of approved mining plans	Approved by: - State Geologist (Department of Mines and Geology, Punjab)  Approval Letter No.: Glg/Pb/M.P./Bhangal/1278  Date of Approval: 29-04-2023  Approved Mining Lease Area: 3.43 Ha  Approved Mining Quantity: 16443 TPA  Depth of Mining (m): 3 m
xviii)	Cost of the Project (in crores)	Rs. 69,06,060/-
xix)	Environmental Clearance. Processing Fee details	Processing Fee submitted- Rs 6860/- UTR No. CMS/001206906768/SEIAAPUNJAB2405 dated: 24.04.2023
xx)	No. of workers on the site when fully operational	09 Persons
xxi)	Total water requirement for domestic and other usage and its source	Domestic: 0.4 KLD Dust Suppression: 3.9 KLD Total: 4.3 KLD
xxii)	Waste water generation and its disposal	Quantity of Waste water: 0.32 KLD (80% of water requirement) Plantation purpose.: 0.32 KLD
xxiii)	Information regarding nos of truck/trolleys 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.	

Name of the Equipment	Bucket Capacity	No. of Equipment	Standby Equipment	Total Equipment
Excavator	0.9 m <sup>3</sup>	1		1
Dumpers	10 Tonnes	3	-	3
Water Tanker	as and when required			

Transportation map is attached as **Annexure-16**

xxiv) Activities to be undertaken under EMP along with its cost. XEN/DMO shall be responsible for implementation of EMP till the mining activities closed as per the mining plan.

Sr. No	Environment mitigation measure	Capital Cost (In Lacs)	Recurring Cost (Lacs/annum)
1	Water Sprinkling Measures to be done on haul road to suppress dust & Haul Road and other Roads Repair and maintenance	1,90,000	50,000
2	Plantation and maintenance of 171 saplings through State Forest Department under Green Punjab Mission: Plantation cost 3.43 Ha x 50 saplings/Ha= 171 saplings @ Rs.1000 per sapling.	1,71,000	1,71,000
3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	65,000	10,000
4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	19,000	7,000
5	Additional Environmental activities (Rs. 1.5 per MT of Total quantity 49329*1.5) (The amount will be deposited to Forest Department for utilization of the same for development of green area(s)/belt(s))	74,000	-
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.).	1,00,000	50,000

Total	6,29,000	2,98,000												
<p><b>Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility</b></p> <p>Sh. XEN/DMO Rupnagar will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 49329 MT, The project proponent has proposed to spent Rs 74,000 Lakhs (i.e @ Rs 1.50 per Ton) for AEA activities. It was proposed to spent the said amount on the followings: -</p> <p>i) The project proponent shall deposit Rs 50,000 for Green Area development in the Greening Punjab Mission revenue head of the state treasury through the DFO prior to commencement of mining operations and thereafter 1 year after grant of EC as specified at S No. 3 of Table 1 in the following Budget Head:</p> <p style="text-align: center;">Table-1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: left;">Demand No.</th> <th style="text-align: left;">32- Forestry and Wildlife</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">Major Head</td> <td style="text-align: left;">0406 – Forestry and Wildlife</td> </tr> <tr> <td style="text-align: left;">Sub-Major Head</td> <td style="text-align: left;">01 – Forestry</td> </tr> <tr> <td style="text-align: left;">Minor Head</td> <td style="text-align: left;">102- Receipts from Social and Farm Forestry</td> </tr> <tr> <td style="text-align: left;">Sub-Head</td> <td style="text-align: left;">03 – Green Punjab Mission</td> </tr> <tr> <td style="text-align: left;">Detailed Head</td> <td style="text-align: left;">01- Green Punjab Mission Fees</td> </tr> </tbody> </table> <p>ii) Rs 24,000 for repair of haulage road of village and planation alongside the road so as to minimize the impact of air pollution due to increase traffic on the villagers and /or</p> <p>ii) Rs 0/- for Local needs of habitants like school, crèche, hospital, veterinary hospital, sanitation, drinking water etc.</p>			Demand No.	32- Forestry and Wildlife	Major Head	0406 – Forestry and Wildlife	Sub-Major Head	01 – Forestry	Minor Head	102- Receipts from Social and Farm Forestry	Sub-Head	03 – Green Punjab Mission	Detailed Head	01- Green Punjab Mission Fees
Demand No.	32- Forestry and Wildlife													
Major Head	0406 – Forestry and Wildlife													
Sub-Major Head	01 – Forestry													
Minor Head	102- Receipts from Social and Farm Forestry													
Sub-Head	03 – Green Punjab Mission													
Detailed Head	01- Green Punjab Mission Fees													
xxv)	Whether any Litigation is pending against the proposed mining site, if yes the details, thereof, be provided.	No litigation is pending against the project and undertaking is submitted.												

### 3.0 Other important details;

i)	The Department shall provide details pertaining to No. of trees, if any, to be felled for carrying out mining activity.	No trees to felled due to mining activity.
ii)	The Department shall earmark, on the KML file, the distance from the habitation area from sand mining	Submitted



	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.	
iii)	The Department shall earmark, on the KML file, the distance from the minor/major bridges up to the nearest boundary of sand mining site.	Submitted
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.	No Cluster is formed. Undertaking has been submitted.
v)	Is there a cluster formation (Y/N); Include KML file indicating distance from the closest cluster(s) indicating different colors	NA
vi)	An undertaking to be submit to the effect that the total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares or An undertaking submitted to the effect that 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	Submitted
vii)	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	Submitted
viii)	In case of semi- mechanized method allowed, Justification for	It is CMS site so will go with Semi-Mechanized

the same must be given indicating its benefits over the manual method.	
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During meeting, SEAC observed that SEIAA vide letter No. SEIAA/MS/2023/1081 dated 16.08.2023 forwarded the proforma for appraisal of Mining cases. The Committee shared the proforma with the Project Proponent and asked the Project Proponent to submit the information in the said proforma. The Project Proponent agreed to the same.

After detailed deliberations, SEAC decided to defer the case till the Project Proponent submits the information in the proforma prescribed by SEIAA.

Now, the Project Proponent has submitted reply of the aforementioned observation raised by SEAC in its 258<sup>th</sup> meeting held on 04.09.2023, which is attached as **Annexure-B**.

### **Deliberations during 261<sup>st</sup> meeting of SEAC held on 26.09.2023.**

The meeting was attended by the following:

- (i) Sh. Rajinder Ghai, DMO, Rupnagar Department of Mines & Geology.
- (ii) Ms. Harmanpreet Kaur, EC-Coordinator M/s Eco Paryavaran Labs & Consultant Pvt Ltd.

During the meeting, the Project Proponent apprised vide letter no. 8476-78/DSR dated 26.09.2023 informed that the mineable quantity has been reduced from 49,329 MT to 48,432 MT. The Committee noted the same.

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. As per the said KML file, the proposed area of mining site measuring 3.43 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The Project Proponent submitted the demarcation photographs and revised EMP. The Committee perused the same and found the documents in order.

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 3.43 Ha for the quantity of 48432 MT, which shall not exceed the quantity of 189203.52 MT as per the approved DSR at Village- Bhangal, Tehsil- Rupnagar, District- Rupnagar, Punjab, subject to the conditions attached as **Annexure-1**.

### **2.0 Deliberations during the 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023:**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- (i) Sh. Harpreet Singh, SDO, Rupnagar Department of Mines & Geology.
- (ii) Ms. Harmanpreet Kaur, EC-Coordinator M/s Eco Paryavaran Labs & Consultant Pvt Ltd.

Environmental Consultant presented the salient features of the project and informed that the site is a riverbed “Commerical Mining Site”. from which sand and gravel are proposed to be extracted by adopting semi-mechanized method of mining.

SEIAA observed that the synopsis of the Project had been submitted as per the revised template and was satisfied with the same.

Thereafter, the proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were discussed and finalized as under:

**TABLE-1**

<b>Sr. No</b>	<b>Environment mitigation measure</b>	<b>Capital Cost (In Lacs)</b>	<b>Recurring Cost (Lacs/annum)</b>
1	Water Sprinkling Measures to be done on haul road to suppress dust & Repair and maintenance of Haul Road and other Roads	70,000	20,000
2	Plantation and maintenance of 171 saplings through State Forest Department under Green Punjab Mission: Plantation cost 3.43 Ha x 50 saplings/Ha= 171saplings @Rs.1000 per sapling.	1,71,000	57,000
3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	50,000	10,000
4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	19,000	7,000
5	Additional Environmental activities (Rs. 1.5 per MT of Total quantity 49329*1.5) (The amount may be deposited to Forest Department for utilization of the same for development of green area(s)/belt(s))	74,000	-
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.).	0	30,000
<b>Total</b>		<b>3,94,000</b>	<b>1,34,000</b>

To another query by SEIAA, the project proponent informed that all the conditions imposed by the SEAC while appraising the project were acceptable to them.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) at subject cited mining site for the total area of 3.43 Ha and total quantity of 48,432 MT at Village-Bhangal, Tehsil- Rupnagar, District- Rupnagar, Punjab as per the details mentioned in the application, approved mining plan, District Survey Report and other documents and subsequent clarifications made by the project proponent and his consultation, proposed measures and subject to the conditions proposed by SEAC and following additional conditions:

**Additional Conditions:**

- I. The project proponent shall implement the EMP and AEA as per Table 1 above.
- II. The quantities of minor minerals already extracted (if any) in the window(s) 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.
- III. Enhancement in the total quantity to be extracted can be approved by SEIAA only upon submission of credible replenishment study data.
- IV. Project proponent shall deposit the requisite funds of Rs 1,71,000 plus Rs 74,000 (Total Rs 2,45,000) as per S No.'s 2 and 5 of Table ! in the GPM head of the Treasury through DFO Rupnagar prior to commencing any mining activity.

**Item No. 263.17: Application for Environmental Clearance for carrying out mining of minor minerals sand at Village Talwandi Sibhu, Tehsil- Nawashehar, District- SBS Nagar, Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SBS Nagar. (Proposal No. SIA/PB/MIN/441886/2023).**

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SBS Nagar 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 Talwandi sibhu, Tehsil- Nawashehar, District- SBS Nagar, Punjab.

The Department has deposited requisite fee of Rs. 460/- dated 25/08/2023 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./Talwandi Sibhu-1 /1224 dated 21/04/2023.**

**Deliberations during 261<sup>st</sup> meeting of SEAC held on 26.09.2023.**

The meeting was attended by the following:

- (i) Sh. Bhavuk Sharma, DMO, SBS Nagar Department of Mines & Geology.
- (ii) Ms. Harmanpreet Kaur, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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/441886/2023 26/08/2023
2.	Project Name & Location	RBM Sand Mining Project (0.23 Ha) Village: Talwandi sibhu Tehsil- Nawashehar District- SBS Nagar, State Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Executive Engineer/SBS Nagar Drainage cum-Mining and Geology WRD Canal Colony Kapurthala Road, Jalandhar  8950065264 happy.kumar65@punjab.gov.in

4	Name of Environmental Consultant , Mobile no. & Email Id	Eco Paryavaran Laboratories & Consultants Pvt. Ltd. (formerly Eco Laboratories & Consultants Pvt. Ltd.) 8872043178 md@ecoparyavaran.org			
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	PMS			
i)	Mineral (s) to be mined	1) Sand			
ii)	Method of mining	Manual			
iii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	River bed , 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	5265	6375.6	5265
		Mine Capacity in TPA	1755	-	1755
		Mining Area on mining in HA	0.23	0.23	0.23
		Depth of Mining in m	3	3	3
		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	Date of Issue:24/04/2023 Validity of LOI: 3 YEARS Mining Lease Area: 0.23 Ha Mining Quantity: 1755 TPA			
7	Details of Final District Survey Report	Approved by: - SEIAA Reference No: SEIAA/MS/2023/212 Date of Issue: 02/02/2023			
8	HadBast No.	280			
9	Land Khasra No. & their consent details				
	Sr No	Type	Khasra No		Consent details provided (Yes/No)

	1	Govt Land	16//21, 22, 23, 24//3	Punjab Government land
	2	Private Land	-	-
10	Latitude & Longitude			
	<b>Geo-Coordinates of the Lease Area</b>			
	<b>Pillar No.</b>	<b>Latitude</b>	<b>Longitude</b>	
	1	31° 0'7.22"N	76° 3'38.86"E	
	2	31° 0'7.52"N	76° 3'39.30"E	
	3	31° 0'7.93"N	76° 3'41.11"E	
	4	31° 0'7.58"N	76° 3'42.70"E	
	5	31° 0'5.72"N	76° 3'43.19"E	
	6	31° 0'6.16"N	76° 3'42.69"E	
	7	31° 0'7.02"N	76° 3'42.78"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. 0.737 Crores	
14	Environmental Clearance. Fee details		Rs 460/- Vide NEFT No CMS/001265405207/SEIAAPUNJAB2508 dated 25/08/2023	
15	Certificate to be provided by DMO, that the proposal is as per the Annexure-V of DSR.		Certificate No: SEIAA/MS/2023/212 Date : 02/02/2023	
16	Demarcation report of mining site		Date of demarcation: 24/04/2023 Photographs submitted: Yes <u>Pillars will be erected before mining activity starts</u>	
17	Workers (when fully operational)		3 Persons.	
18	Water Requirements & source		Domestic: 0.2KLD (@ 45 lpcd) Dust Suppression: 0.8	

		Total: 1 KLD Ground water/Others: 01 Borwell		
19	Waste water generation, Treatment & its Disposal	i) Quantity of Waste water : ___ KLD (80% of water requirement) ii) Treatment Method: Septic Tank iii) Mode of Disposal : a) Plantation purpose.: ___ KLD b) Any other purpose: ___ KLD  ** Negligible waste water will be generated**		
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: 12 Nos Funds Allocated: Rs 12,000/- towards capital cost and Rs 12,000/- towards recurring cost. ( Rs 1000/- per tree as capital cost and Rs 1000/- per tree as maintenance 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.	Description	Capital cost (lakhs)	Recurring cost (lakhs per annum)
	1	Provision of Septic Tank	3,000	2,000
	2	Handling of Solid waste	2,000	2,000
	3	Provision of Green Belt (Plantation cost 2.09 Ha x 50 saplings/Ha= 104.5 saplings @ Rs.1000 per sapling)	12,000	-
	4	Dust Suppression Activities	48,000	17,000
	5	Occupational Health measure such as first aid and other miscellaneous	2,000	1000
	6	Environmental Monitoring (Air, Water Soil etc.).	30,000	20,000
	7	Rain Water Harvesting & recharging	---	
	8	Regular health check-up camps for the workers engaged in mines shall be organized.	3,000	1,000
	9	Any other, Please specify.	--	
		<b>TOTAL</b>	<b>1,00,000</b>	<b>43,000</b>



24	<p><b>Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility</b></p> <p>Sh. XEN/DMO SBS Nagar of will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 5265 MT, The project proponent has proposed to spent Rs 2632 (i.e. @ Rs 0.50 per Ton) for AEA activities. It was proposed to spent the said amount on the followings: -</p> <p>i) The project proponent shall deposit Rs 2632/- for Green Area development in the Greening Punjab Mission revenue head of the state treasury through the DFO prior to commencement of mining operations and thereafter 1 year after grant of EC.</p>
25	<p>Other important facts:</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 3 m below ground level or above ground water table, whichever comes first.</p> <p>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.</p> <p>iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc.</p> <p>v) An undertaking submitted to the effect that 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.</p> <p>Or</p> <p>The total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.</p>

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. As per the said KML file, the proposed area of mining site measuring 0.23 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The project proponent submitted the revised EMP and an undertaking certifying that the land area and corresponding Khasra numbers are consistent with the latest Jamabandi (land revenue record). The committee perused the same and found the documents in order.

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 0.23 Ha for the quantity of 5265 MT (1755 TPA), which shall not exceed the quantity of 6375.6 MT as per the approved DSR at Village - Talwandi Sibhu, Tehsil- Nawashehar, District- SBS Nagar, Punjab, subject to the conditions attached as **Annexure-1**.

## **2.0 Deliberations during the 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023:**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- i) Sh. Bhavuk Sharma, DMO, SBS Nagar Department of Mines & Geology.
- ii) Sh. Jagwinder Singh, SDO, SBS Nagar Department of Mines & Geology.
- iii) Ms. Harmanpreet Kaur, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

During the meeting, Environmental Consultant informed that the Executive Engineer-cum-District Mining Officer, SBS Nagar wanted to withdraw the application submitted for obtaining Environmental Clearance due to some issues related to the land owner consent and objections by the owner of adjoining land of the mining site.

After detailed deliberations, SEIAA decided to accept the request and allow the PP to withdraw the EC application by re-submitting the withdrawal application on the Parivesh Portal.

**Item No. 263.18: Application for Environmental Clearance for carrying out mining of minor minerals sand at Village: Khoja/Niana, Dugri/Niana Tehsil- Balachaur, District- SBS Nagar, State Punjab by Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SBS Nagar. (Proposal No.: SIA/PB/MIN/440018/2023).**

The Executive Engineer cum District Mining Officer, Drainage-cum-Mining & Geology Division, Water Resource Department, SBS Nagar 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: Khoja/Niana, Dugri/Niana Tehsil- Balachaur, District- SBS Nagar, Punjab.

The Department has deposited requisite fee of Rs. 4900/- dated 12/08/2023 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./Khoja-Niana, Dugri-Niana /1609 dated 01.06.2023.**

**Deliberations during 261<sup>st</sup> meeting of SEAC held on 26.09.2023.**

The meeting was attended by the following:

- (i) Sh. Bhavuk Sharma, DMO, SBS Nagar Department of Mines & Geology.
- (ii) Sh. Jagwinder Singh, SDO, SBS Nagar Department of Mines & Geology.
- (iii) Ms. Harmanpreet Kaur, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

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/440018/2023 06.09.2023
2.	Project Name & Location	RBM Sand Mining Project (2.45 Ha) Village: Khoja/Niana, dugri/Niana Tehsil- Balachaur District- SBS Nagar, State Punjab
3	Name of the Applicant, Designation Mobile no. & Email Id	Executive Engineer/SBS Nagar Drainage cum- Mining and Geology WRD Canal Colony Kapurthala Road, Jalandhar  8950065264

		happy.kumar65@punjab.gov.in			
4	Name of Environmental Consultant, Mobile no. & Email Id	Eco Paryavaran Laboratories & Consultants Pvt. Ltd. (formerly Eco Laboratories & Consultants Pvt. Ltd.) 8872043178 md@ecoparyavaran.org			
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	1) Sand			
vii)	Method of mining	Manual			
viii)	Agriculture land or River/choe mining. In case of River/Choe mining, name of the River/Choe to be specified.	Riverbed, PMS			
ix)	d. Capacity of Mine as per the EC application/DSR/Mining plan in MT and TPA	Description	As per the EC application	As per the approved DSR	As per the Mining Plan
	e. Area of the Mine as per EC application/DSR/Mining plan	Mine Capacity in MT	67389	96220.8	67389
	f. Depth of mining as per EC application/DSR/Mining plan	Mine Capacity in TPA	22463	---	22463
		Mining Area on mining in HA	2.45	4.44	2.45
		Depth of Mining in m	3m SITE (sand bar code) 15 2m SITE 15A	3m SITE 15 2m SITE 15A	3m SITE 15 2m SITE 15A
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	Validity of LOI: 3 Years Mining Lease Area: 2.45Ha Mining Quantity: 22,463 TPA			
7	Details of Final District Survey Report	Approved by: - SEIAA Reference No: SEIAA/MS/2023/212 Date of Issue: 02/02/2023 Safe distance from banks (m):			

8	HadBast No.	462, 463																																															
9	Land Khasra No. & their consent details																																																
	Sr No	Type	Khasra No	Consent details provided (Yes/No)																																													
	1	Govt Land																																															
	2	Private Land	Site-no.15)- 19, 20, 21/1, 22, (Site-no.15A)- 24//15, 16, 25//11, 16, 17, 19, 20, 21, 22, 23, 24, 25	Malkit Singh																																													
10	Latitude & Longitude																																																
			<table border="1"> <thead> <tr> <th>Pillar No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;"><b>SITE-15</b></td> </tr> <tr> <td>1</td> <td>31° 0'31.52"N</td> <td>76°17'40.82"E</td> </tr> <tr> <td>2</td> <td>31° 0'30.92"N</td> <td>76°17'44.18"E</td> </tr> <tr> <td>3</td> <td>31° 0'28.16"N</td> <td>76°17'43.48"E</td> </tr> <tr> <td>4</td> <td>31° 0'29.30"N</td> <td>76°17'40.75"E</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>SITE-15A</b></td> </tr> <tr> <td>1</td> <td>31° 0'38.28"N</td> <td>76°17'21.84"E</td> </tr> <tr> <td>2</td> <td>31° 0'40.14"N</td> <td>76°17'21.83"E</td> </tr> <tr> <td>3</td> <td>31° 0'39.93"N</td> <td>76°17'22.50"E</td> </tr> <tr> <td>4</td> <td>31° 0'37.44"N</td> <td>76°17'26.46"E</td> </tr> <tr> <td>5</td> <td>31° 0'35.04"N</td> <td>76°17'30.77"E</td> </tr> <tr> <td>6</td> <td>31° 0'35.22"N</td> <td>76°17'35.89"E</td> </tr> <tr> <td>7</td> <td>31° 0'33.47"N</td> <td>76°17'36.17"E</td> </tr> <tr> <td>8</td> <td>31° 0'33.42"N</td> <td>76°17'31.44"E</td> </tr> </tbody> </table>	Pillar No.	Latitude	Longitude	<b>SITE-15</b>			1	31° 0'31.52"N	76°17'40.82"E	2	31° 0'30.92"N	76°17'44.18"E	3	31° 0'28.16"N	76°17'43.48"E	4	31° 0'29.30"N	76°17'40.75"E	<b>SITE-15A</b>			1	31° 0'38.28"N	76°17'21.84"E	2	31° 0'40.14"N	76°17'21.83"E	3	31° 0'39.93"N	76°17'22.50"E	4	31° 0'37.44"N	76°17'26.46"E	5	31° 0'35.04"N	76°17'30.77"E	6	31° 0'35.22"N	76°17'35.89"E	7	31° 0'33.47"N	76°17'36.17"E	8	31° 0'33.42"N	76°17'31.44"E	
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7	31° 0'33.47"N	76°17'36.17"E																																															
8	31° 0'33.42"N	76°17'31.44"E																																															
11	Does the project involve diversion of forest land? If yes, a. Extent of the forest land. b. Status of the forest clearance.	NO																																															

	If No, submit documentary proof			
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. 94,34,460	
14	Environmental Clearance. Fee details		Rs 4900/-	
15	Certificate to be provided by DMO, that the proposal is as per the annexure-V of DSR.		Certificate No: SEIAA/MS/2023/212 Date : 02/02/2023	
16	Demarcation report of mining site		Date of demarcation: 24/04/2023 Photographs submitted: Pillars will be erected before mining activity starts	
17	Workers (when fully operational)		20 Persons.	
18	Water Requirements & source		Domestic: 0.90 KLD (@ 45 lpcd) Dust Suppression: 2.5 KLD Total: 3.4 KLD Ground water/Others: 01 Borewell	
19	Waste water generation, Treatment & its Disposal		i) Quantity of Waste water: 0.72 KLD (80% of water requirement) ii) Treatment Method: Septic Tank iii) Mode of Disposal: a) Plantation purpose.: 0.72KLD	
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: 123 Nos Funds Allocated: Rs 1,23,000/- towards capital cost (Rs 1000/- per tree as capital cost and tree as maintenance 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		Sh. XEN/DMO SBS Nagar will be responsible for the implementation of EMP till the mining activities closed as per the mining plan.	
23	Sr No.	Description	Capital cost (lakhs)	Recurring cost (lakhs per annum)
	1	Provision of Septic Tank	10,000	2,000
	2	Handling of Solid waste	8,000	3,000

	3	Greenbelt Development (with tree guards) (Plantation cost 2.45 Ha x 50 saplings/Ha = 123 saplings @ Rs.1000 per sapling)	1,23,000	1,23,000
	4	Dust Suppression Activities	1,50,000	1,10,000
	5	Occupational Health measure such as first aid and other miscellaneous	10,000	7,000
	6	Environmental Monitoring (Air, Water Soil etc.).	50,000	50,000
	7	Rain Water Harvesting & recharging	---	---
	8	Regular health check-up camps for the workers engaged in mines shall be organized.	15,000	7,000
		<b>TOTAL</b>	<b>3,66,000/-</b>	<b>3,02,000/-</b>
24	<p><b>Additional Environmental Activities (AEA) activities along with budgetary break up and responsibility</b></p> <p>Sh. XEN/DMO SBS Nagar will be responsible for implementation of Additional Environmental Activities (AEA). As the project having minable Quantity 67389 MT, the project proponent has proposed to spent Rs 33,700 (i.e @ Rs 0.50 per Ton) for AEA activities. It was proposed to spent the said amount on the followings: -</p> <p>i) The project proponent shall deposit Rs 33,700 for Green Area development in the Greening Punjab Mission revenue head of the state treasury through the DFO prior to commencement of mining operations and thereafter 1 year after grant of EC</p>			
25	<p>Other important facts:</p> <p>Following facts may be considering while recommending the case: -</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 3 m below ground level or above ground water table, whichever comes first.</p> <p>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.</p> <p>iv) All the activities will be carried out manually using hand tools like shovel, pan, sieve etc.</p> <p>v) An undertaking submitted to the effect that 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</p> <p>Or</p> <p>The total area of all borrowing/excavation sites including the area of proposed project within a radius of 500 m from the proposed area of borrowing / excavation is less than 5 hectares.</p>			

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. As per the said KML file, the proposed area of mining site measuring 2.45 Ha falls within the area of mining site approved in the DSR. The Committee noted the same.

The project proponent submitted the revised EMP and an undertaking certifying that the land area and corresponding Khasra numbers are consistent with the latest Jamabandi (land revenue record). The Committee perused the same and found the documents in order.

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 2.45 Ha for the quantity of 67389 MT (22463 TPA), which shall not exceed the quantity of 96220.8 MT as per the approved DSR at Village - Khoja/Niana, Dugri/Niana Tehsil- Balachaur, District- SBS Nagar subject to the following standard & special Condition attached as **Annexure-1**.

- (i) The Project Proponent shall submit the photographs showing the demarcation of the mining site before presenting the case to SEIAA.

**2.0 Deliberations during the 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023:**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 which was attended by the following:

- i) Sh. Bhavuk Sharma, DMO, SBS Nagar Department of Mines & Geology.
- ii) Sh. Jagwinder Singh, SDO, SBS Nagar Department of Mines & Geology.
- iii) Ms. Harmanpreet Kaur, EC-Coordinator M/s Eco Paryavaran Laboratories & Consultant Pvt Ltd.

During the meeting, the Environmental Consultant presented the salient features of the project and informed that the site is a “Public Mining Site”.

SEIAA observed that the brief synopsis of the project as per the new template and revised Environmental Management Plan (EMP) have been submitted.

Thereafter, the proposed EMP and additional environmental activities to be carried out under the project and outlays for the same were discussed and finalized as under:

**TABLE-1**

Sr. No	Environment mitigation measure	Capital Cost (In Lacs)	Recurring Cost (Lacs/annum)



1	Water Sprinkling Measures to be done on haul road to suppress dust & Repair and maintenance of Haul Road and other Roads	2,00,000	50,000
2	Greenbelt Development (with tree guards) (Plantation cost 2.45 Ha x 50 saplings/Ha = 123 saplings @ Rs.1000 per sapling)	1,23,000	41,000
3	Drinking water facility, Septic Tank & Mobile toilets and solid waste management	15,000	10,000
4	Safety equipment's such as gloves, mask, helmet, First aid kit etc.	17,000	7,000
5	Additional Environmental activities (Rs. 0.5 per MT of Total quantity 67389 *0.5)	33,000	-
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.).	50,000	40,000
Total		4,48,000	1,58,000

To another query by SEIAA, the project proponent informed that all the conditions imposed by the SEAC while appraising the project were acceptable to them.

After detailed deliberations and examination of relevant documents, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for mining of minor minerals (Sand) at subject cited mining site for the total area of 2.45 Ha for the quantity of 22,463 TPA, which shall not exceed the quantity of 67,389 MT at Village - Khoja/Niana, Dugri/Niana Tehsil- Balachaur, District- SBS Nagar as per the details mentioned in the application, approved mining plan, District Survey Report and other documents and subsequent clarifications made by the project proponent and his consultation, proposed measures and subject to the conditions proposed by SEAC and following additional conditions:

**Additional Conditions:**

- I. Only manual method of mining will be permitted.
- II. The project proponent shall implement the EMP and AEA as per Table 1 above.
- III. 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.
- IV. Enhancement in the total quantity to be extracted can be approved by SEIAA only upon submission of credible replenishment study data.

**Item No. 263.19: Representations regarding allowing semi mechanized method of mining in the commercial mining sites (CMS) and for extension in permission for undertaking mining operations pending grant of ECs till 31.12.2023**

SEIAA vide letter No. SEIAA/ 2023/1639 dated 03.10.2023 has forwarded the request letter No. 2410/Glg dated 18.09.2023 of Chief Engineer, Department of Mines & Geology to Member Secretary, SEAC for sending the detailed recommendation allowing semi mechanised method of mining in the 70 Commercial Mining Sites (42 clusters).

**During deliberations in its 262<sup>nd</sup> meeting of SEAC held on 05.10.2023**

During meeting, the officers of the Department presented their case for allowing semi-mechanized method of mining in the 70 Commercial Mining Sites (42 clusters) falling in the Districts of Ludhiana, Jalandhar, Tarn Taran, SBS Nagar, Hoshiarpur, Fazilka, Moga, SAS Nagar, Pathankot & Ropar due to the following reasons:

- (i) A total of 518 sand mining sites in the DSRs of 14 districts approved by SEIAA with total mineable reserves as 1246.76 lakh MT, out of which 612.39 lakh MT of minor minerals (49% of total mineable reserves) is allowed to be extracted by SEIAA on basis of approved DSRs. The Department of Mining has been able to extract only 10.17 lakh MT minor minerals only till date which is only 0.8% of the availability of 1246.76 lakh MT and 1.7 % of the quantity of 612.39 Lakh MT permitted to be extracted by SEIAA. It is difficult for the Department to fill the gap between supply & demand of minor minerals of the State. Further, in the 70 commercial mining sites, no extraction of minor minerals has been carried out and it is not possible to carry out the mining in these sites with manual method, until semi mechanised method of mining is allowed.
- (ii) The manual method of excavation may not be able to ensure sufficient commercial supply of minerals in the State.
- (iii) Harsh climatic conditions for labour to work at mine site.
- (iv) Difficulty in loading trucks/tippers; tippers and trucks are of an average of 10 ft., it difficult for labour to fill the trucks while carrying the load of sand on their heads.
- (v) Use of light load vehicles may lead to more traffic in and around the mining site.

Thereafter, the Officers of the Department of Mines & Geology apprised the Committee that out of 70 commercial mining sites (42 clusters), EC has been granted in 14 mining sites, ToR has been granted in 26 mining sites, EC is pending in 3 sites out of which one application has been withdraw by the Department, ToRs are pending in 25 mining sites and ToR/EC are yet be applied in the remaining 9 sites.

The Committee considered that the Department has extracted 10.17 lakh MT minor minerals till date which is only 0.8% of the availability of 1246.76 lakh MT and 1.7 % of the quantity of 612.39

Lakh MT permitted to be extracted by SEIAA and also noted the request of the Department that it is difficult to address the gap in demand & supply of minor minerals with manual method of mining. Taking into cognizance of these facts and additional conditions imposed by SEIAA vide letter No. 1609 dated 29.09.2023, the Committee decided to recommend to SEIAA that the Department may be allowed semi-mechanized method of mining in the 42 commercial mining sites (14 mining sites where EC has already been granted, 26 mining sites where ToR has been granted and 2 sites where EC application is pending), subject to the conditions already imposed by SEIAA for carrying out mining. The permission for semi-mechanized method of mining will be subject to the condition that the Department of Mining may also consider the financial implication, if any, due to allowing of semi-mechanized of mining on its own.

#### **Deliberations in the 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023**

The meeting was attended by Sh.Abhijeet Kaplish, IAS, Director, Mining and Sh. Paras Mahajan, Assistant Geologist and other officials of the Mining Department.

#### **A : SEMI\_MECHANIZED MINING REPRESENTATION**

The Authority was apprised that in reference to SEIAA letter no. 1639 dated 03.10.2023, SEAC vide letter no. 1706 dated 06.10.2023 has send a copy of the minutes of its 262<sup>nd</sup> meeting held on 10.05.2023, wherein representation regarding allowing semi-mechanized method of mining in the Commercial Mining Sites (CMS) has been considered. Relevant excerpt from the proceedings of the SEAC meeting are as under:

#### ***“Deliberations made during 262<sup>nd</sup> meeting of SEAC held on 05.10.2023***

*During meeting, the officers of the Department presented their case for allowing semi-mechanized method of mining in the 70 Commercial Mining Sites (42 clusters) falling in the Districts of Ludhiana, Jalandhar, Tarn Taran, SBS Nagar, Hoshiarpur, Fazilka, Moga, SAS Nagar, Pathankot & Ropar due to the following reasons:*

- (i) A total of 518 sand mining sites in the DSRs of 14 districts approved by SEIAA with total mineable reserves as 1246.76 lakh MT, out of which 612.39 lakh MT of minor minerals (49% of total mineable reserves) is allowed to be extracted by SEIAA on basis of approved DSRs. The Department of Mining has been able to extract only 10.17 lakh MT minor minerals only till date which is only 0.8% of the availability of 1246.76 lakh MT and 1.7 % of the quantity of 612.39 Lakh MT permitted to be extracted*

*by SEIAA. It is difficult for the Department to fill the gap between supply & demand of minor minerals of the State. Further, in the 70 commercial mining sites, no extraction of minor minerals has been carried out and it is not possible to carry out the mining in these sites with manual method, until semi mechanised method of mining is allowed.*

- (ii) The manual method of excavation may not be able to ensure sufficient commercial supply of minerals in the State.*
- (iii) Harsh climatic conditions for labour to work at mine site.*
- (iv) Difficulty in loading trucks/tippers; tippers and trucks are of an average of 10 ft., it difficult for labour to fill the trucks while carrying the load of sand on their heads.*
- (v) Use of light load vehicles may lead to more traffic in and around the mining site.*

*Thereafter, the Officers of the Department of Mines & Geology apprised the Committee that out of 70 commercial mining sites (42 clusters), EC has been granted in 14 mining sites, ToR has been granted in 26 mining sites, EC is pending in 3 sites out of which one application has been withdraw by the Department, ToRs are pending in 25 mining sites and ToR/EC are yet be applied in the remaining 9 sites.*

*The Committee considered that the Department has extracted 10.17 lakh MT minor minerals till date which is only 0.8% of the availability of 1246.76 lakh MT and 1.7 % of the quantity of 612.39 Lakh MT permitted to be extracted by SEIAA and also noted the request of the Department that it is difficult to address the gap in demand & supply of minor minerals with manual method of mining.*

*Taking into cognizance of these facts and additional conditions imposed by SEIAA vide letter No. 1609 dated 29.09.2023, the Committee decided to recommend to SEIAA that the Department may be allowed semi-mechanized method of mining in the 42 commercial mining sites (14 mining sites where EC has already been granted, 26 mining sites where ToR has been granted and 2 sites where EC application is pending), subject to the conditions already imposed by SEIAA for*

*carrying out mining. The permission for semi-mechanized method of mining will be subject to the condition that the Department of Mining may also consider the financial implication, if any, due to allowing of semi-mechanized of mining on its own.”*

SEIAA perused the minutes of the 262<sup>nd</sup> meeting of SEAC wherein it has recommended that the Department may be allowed semi-mechanized method of mining in the 42 commercial mining sites (14 mining sites where ECs have already been granted, 26 mining sites where ToRs have been granted and 2 sites where EC applications are pending), subject to the conditions already imposed by SEIAA for carrying out mining. SEIAA deliberated in detail on the recommendations of SEAC and noted that only a minuscule quantity of 0.8% of minor minerals have been extracted by the Mining Department against the available quantities as per the DSRs till date. It will be virtually impossible for the Mining Department to meet even a fraction of the demand of sand and gravel in the state unless semi-mechanized mining is permitted in the commercial mining sites (only manual method of mining has been permitted in the Public Mining Sites). The other reasons and justification cited by the mining department in their representation have also been endorsed by SEAC.

SEIAA therefore decided that semi-mechanized method of mining may be permitted in the 42 sites recommended by SEAC subject to the earlier stipulated conditions in this regard. However, the actual mining operations would only commence after the individual sites obtain their respective ECs or are specifically permitted by SEIAA to commence mining operations pending grant of ECs.

#### **B: REPRESENTATION TO PERMIT MINING OPERATIONS PENDING GRANT OF ECs**

During the meeting, SEIAA was apprised that the Chief Engineer Mines & Geology vide letter no. 2529/Glg dated 29.09.2023 in reference to the SEIAA letter no. SEIAA/MS/2023/1607 dated 29.09.2023 (vide which conditional permission has been granted for starting mining operations in the sites where applications for grant of Environmental Clearances are pending with SEIAA and in sites for which Terms of Reference have been issued as per approved District Survey Reports ) has submitted a list of the proposals falling under B1 category mines for which the Terms of Reference were issued by SEIAA as on 29.09.2023 (**Annexure-A of the proceedings**) and a list of the proposals falling under B2 category mines in which the EC applications have cleared the scrutiny stage but EC is pending as on 29.09.2023 (**Annexure-B of the proceedings**).

SEIAA was requested to permit mining operations till 31.12.2023 in the mining sites mentioned in the Annexure-A and Annexure-B of the proceedings .

SEIAA deliberated on the matter at length and observed that while granting permission for starting mining operations in sites for which applications of Environmental Clearance were pending with SEIAA as also in sites for which Terms of Reference had already been issued, a condition was imposed vide letter no. SEIAA deliberated on the matter at length and observed that while granting permission for starting mining operations in sites for which applications of Environmental Clearance were pending with SEIAA as also in sites for which Terms of Reference had already been issued, a condition was imposed vide letter no. 1607 dated 29.09.2023 that the Mining Department shall direct the concessionaires who have been awarded CMS sites to deposit requisite funds for undertaking plantations and additional Environmental Activities in the Greening Punjab Mission (GPM) budget head through the concerned DFO prior to commencing Mining operations as per already decided criteria as under:

**Amount to be deposited** = Rs {(50,000 x Total Area of Mining lease in Ha.) + (Total Mineable Qty in MT as per EC / ToR application x 1.5)}.

**Budget Head:**

<b>Demand No.</b>	<b>32- Forestry and Wildlife</b>
<b>Major Head</b>	<b>0406 – Forestry and Wildlife</b>
Sub-Major Head	01 – Forestry
Minor Head	102- Receipts from Social and Farm Forestry
Sub-Head	03 – Green Punjab Mission
Detailed Head	01- Green Punjab Mission Fees

The aforesaid condition was imposed keeping in view the directions issued by the Hon’ble High Court in CWP 29652 of 2022 on 10.01.2023 that the *“State must strictly ensure that sand mining activity undertaken by them does not damage the environment or the rivers in question, and in fact take all steps to protect ground water and environment and also undertake rehabilitation measures”*.

SEIAA observed that till date none of the commercial mining sites have deposited the requisite funds for undertaking plantations and additional Environmental Activities in the Greening Punjab

Mission (GPM) budget head through the concerned DFO in compliance with the condition imposed by the Authority. As such, no commercial mining sites can be permitted to start the mining activities without either obtaining regular ECs or complying with the aforementioned directions of depositing the requisite funds.

Keeping the above in view and after detailed deliberations SEIAA decided that permission to start the mining activity be given to only those mining sites which have complied with the aforesaid conditions or other eligible sites in which this condition has not been imposed.

SEIAA examined the list of sites attached at **Annexure-A & B** and permitted the following public mining sites, in which ToRs have been issued or sites for which EC applications have cleared the scrutiny stage but EC is pending as on 29.09.2023 (the condition of depositing funds in the head of Green Mission Punjab prior to commencing mining operations has not been imposed on these sites) to commence mining operations through manual method pending grant of ECs till 31.12.2023 strictly in accordance with the earlier stipulated conditions in such cases:

LIST OF MINES IN WHICH TORS HAVE BEEN ISSUED							
Sr. No.	District	Name of Mine	Area (HA)	Per annum Extractable Quantity	PMS/ CMS	Status of the ToR	Online Proposal Number
1	Ferozepur	Behak Gujran	7.3	49145	PMS	TOR Granted on 03.08.2023	SIA/PB/MIN/429886/2023
2	Ferozepur	Jhanda Bagga Purana	5.51	46366	PMS	TOR Granted on 08.09.2023	SIA/PB/MIN/429805/2023
3	Ferozepur	Hamad Wala Uttar	5.312	45851	PMS	TOR Granted on 28.08.2023	SIA/PB/MIN/435063/2023
4	Ferozepur	Mallan Wala Junabi	5.9	39720	PMS	TOR Granted on 06.09.2023	SIA/PB/MIN/429856/2023
5	Ferozepur	MIDDA HAJI-1 & 2	6.1	38236	PMS	TOR Granted on 28.08.2023	SIA/PB/MIN/435076/2023
6	Hoshiarpur	Bassi Gulam Hussain and Sherpur Bhatia	28	164429	PMS	TOR Granted on 21.09.2023	SIA/PB/MIN/422866/2023
7	Ludhiana	Kassabad	11.17	156117	PMS	TOR Granted on 21.09.2023	SIA/PB/MIN/423061/2023



8	Ludhiana	Garhi Fazil & Sekhewal	6.6	61912	PMS	TOR Granted on 11.09.2023	SIA/PB/MIN/ 427182/2023
9	Ludhiana	Sasrali- I,II,III	11.99	170056	PMS	TOR Granted on 21.09.2023	SIA/PB/MIN/ 423933/2023
10	Moga	Bajeke	7.79	53899	PMS	TOR granted on 08.09.2023	SIA/PB/MIN/ 429961/2023
11	Moga	Sanghera	17.8	255857	PMS	TOR Granted On 06.09.2023	SIA/PB/MIN/ 430263/2023
12	Moga	Adraman	18.21	223124	PMS	TOR Granted On 06.09.2023	SIA/PB/MIN/ 430233/2023
13	SBS Nagar	ADB Rail-3	12.6	200161	PMS	TOR Granted on 21.09.2023	SIA/PB/MIN/ 423760/2023

**List of proposals where EC is pending with SEIAA:**

Sr. No.	District	Name of Mine	Area (HA)	Per annum Extractable Quantity	PMS/ CMS	Status of EC	Online Proposal Number	Latest Status as on 11.10.2023
1	Amritsar	KHANPUR	0.6484	12758.65	PMS	EC applied on 17.08.2023	SIA/PB/MIN/ 440113/2023	Under process
2	Ludhiana	Dhananshu-1	2.02	11094	PMS	EC applied on 31.08.2023	SIA/PB/MIN/ 441736/2023	Under process
3	Ropar	Malewal	4.74	52554	PMS	EC Applied on 07.03.2023	SIA/PB/MIN/ 421294/2023	Pending with SEAC
4	SBS Nagar	Dhulewal	4.96	26664	PMS	EC applied on 21.09.2023	SIA/PB/MIN/ 444860/2023	Under process
5	SBS Nagar	ADB BELA TAJOWAL	0.99	9801	PMS	EC applied on 22.09.2023	SIA/PB/MIN/ 445028/2023	Under examinatin of SEIAA after SEAC
6	Tarn Taran	Sabhra-3	1.84	16947	PMS	EC applied on 27.06.2023	SIA/PB/MIN/ 434618/2023	Under process

**Item No. 263.20: Regarding withdrawing the proposal of Daulewala Sand Mining Project at village Daulewala, Tehsil-Kot-Ise-Khana and District Moga, Punjab.**

It is submitted that the following application is pending on the Parivesh portal for withdrawal:

**Terms of Reference**

<b>Sr. No.</b>	<b>Proposal No.</b>	<b>Project Name</b>	<b>Proponent Name</b>	<b>Reason for Withdrawal</b>
1.	SIA/PB/MIN/430211/2023	Daulewala Sand Mining Project, Executive Engineer/Ferozpur, Drainage-Cum-Mining & Geology Division Water Resources Department, Ferozpur, Punjab	EXECUTIVE ENGINEER CUM DISTRICT MINING OFFICER GOLEWALA DRAINAGE DIVISION	DMO, Ferozpur has requested for withdrawal due to the reason that there is some issues related to consent regarding land and hence it is not possible for them to proceed with this case for the time being.

**Deliberations during the 263<sup>rd</sup> meeting of SEIAA held on 06.10.2023.**

The case was considered by SEIAA in its 263<sup>rd</sup> meeting held on 06.10.2023 and the supporting staff of SEIAA apprised as above.

After detailed deliberations, SEIAA decided to accept the request of the DMO, Ferozpur and permit withdrawal of the EC application on the Parivesh Portal.

Meeting ended with a vote of thanks to the Chair.

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