

Proceeding of 212th meeting of State Expert Appraisal Committee (SEAC) to be held on 10.01.2022 in the Conference Hall no. 2 at 11:30 AM, MGSIPA Complex, Sector-26, Chandigarh.

The following were present:

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

Item No. 01: Confirmation of the proceedings of 210th & 211th meetings of State Level Expert Appraisal Committee held on 24.12.2021 & 25.12.2021.

The proceedings of 210th & 211th meetings of State Level Expert Appraisal Committee held on 24.12.2021 & 25.12.2021 were prepared and circulated to all the members of Committee through email on 31.12.2021 & 01.01.2022. However, no comments have been received from any of the members. The proceedings of the above said meetings were uploaded on the Parivesh Portal after the approval of Chairman, SEAC.

Thereafter, Sh. K.L Malhotra, Member SEAC vide e-mail dated 03.01.2022 conveyed some observations to be incorporated in the proceedings of the 210th meeting of SEAC. One of the observations was that the name of Sh. K.L. Malhotra was missed out in the attendance list of the above said meetings. The name of Sh. K.L Malhotra was missed out in the attendance list due to oversight. The reply of the said observations was conveyed to Sh. K.L Malhotra vide e-mail dated 03.01.2022. Thereafter, no comments have been received. The member of the Committee was apprised about the observations raised by Sh. K.L Malhotra viz a viz reply conveyed on the said observations.

The Committee confirmed the proceedings of 210th & 211th meetings of SEAC held on 24.12.2021 & 25.12.2021 respectively subject to the change that Sh. K.L Malhotra, Member SEAC was present in the said meetings.

Item No. 02: Action taken on the proceedings of the 210th & 211th meeting of State Level Expert Appraisal Committee held on 24.12.2021 & 25.12.2021.

The action taken on the decisions of 210th & 211th meeting of State Level Expert Appraisal Committee held on 24.12.2021 & 25.12.2021 has been completed.

Item no. 212.01: Application for Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of warehouse project at NH-1, village Ghaggar Sarai, Tehsil Rajpura, District Patiala, Punjab by KMG Ventures LLP, (SIA/PB/MIS/244039/2021).

The project proponent has filed an application for obtaining Environment Clearance under EIA Notification, 2006 for the establishment of Warehouse project at NH-1, village Ghaggar Sarai, Tehsil Rajpura, District Patiala, Punjab with proposed built up area of 22,256.32 Sqm and total project area of 34170.85 Sqm. The project is covered under Activity 8(a) & Category 'B2' as per EIA notification-2006.

The project proponent submitted the Form I, 1A and other additional documents. He has also deposited the processing fee amounting to Rs. 44,520/- paid vide NEFT No. SBIN121342043011 dated 08.12.2021, as verified by supporting staff SEIAA.

The Project Proponent undertake that the information given in the application are true to the best of his knowledge & belief and no facts have been concealed thereof. Further, he is aware that in case, if any information submitted was found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at their risk and cost.

PPCB was requested to send the latest construction status report of the project through e-mail on 14.12.2021. Punjab Pollution Control Board vide letter no. 7559 dated 30.12.2021 has sent the latest construction status report with details as under:

"The site of the proposed project was visited by the officer of the Board on 15.12.2021 to verify the facts and the point wise reply/comments of the Board, to the information sought by the SEIAA is as under:

Sr.no.	Point as desired by EE (SEIAA)	Comments by Board
1.	<i>Construction status of the proposal</i>	<i>The site of the proposed project was visited by officer of the Board on 15.12.2021 and it was observed that the Project Proponent has not started any construction work at the proposed site.</i>
2.	<i>Status of physical structures within 500m radius of the site including the status of industries, if any.</i>	<i>It was observed that one cattle feed manufacturing unit, one petrol pump, one Dhaba and one Satsang Ghar, exist within a radius of 500m from the proposed site.</i>
3.	<i>Whether the site meets the prescribed criteria for setting up such projects.</i>	<i>As per letter dated 16.11.2021 issued by Senior Town Planner, the proposed site falls under the Mixed Land Use zone of notified Master Plan Rajpura and as per zoning regulations of Master Plan, such</i>

		<i>project is permissible in this land use zone. The Board has not laid down any siting criteria for such type of projects. However, general siting guidelines are applicable in this case. During the visit, it was observed that there was no lal lakir/phirni/residential area/15 pucca houses/MC limits within 100m radius of the proposed site. However, the promoter is required to submit a certificate from Revenue Authority/SDM as per Board's Policy dated 30.04.2013, stating the distance of lal lakir/phirni of village, existence of 15 pucca houses and MC limit within 100m from the proposed site. "</i>
--	--	--

Deliberations during 212th meeting of SEAC held on 10.01.2022.

The meeting was attended by the following:

- (i) Sh. Amandeep Kansal on behalf of the Project Proponent.
- (ii) Dr. Sandeep Garg, M/s Eco Laboratories & Consultant Pvt. Ltd, Environmental Consultant of the Promoter Company.
- (iii) Ms. Priyanka Madan, M/s Eco Laboratories & Consultant Pvt. Ltd Environment Consultant of the project proponent.

The Environmental Consultant of the Project Proponent presented the salient features of the proposal as under:

Sr. no	Item	Details
1.	Online Proposal No.	SIA/PB/MIS/244039/2021
2.	Name of the project and Promoter Company	M/s KMG VENTURES LLP is developing a Warehouse Project located at NH-1, Village Ghaggar Sarai, Tehsil Rajpura, Distt. Patiala, Punjab.
3.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	8(a) category B2 as per schedule appended with EIA notification 14.09.2006.
4.	Whether the project is in critical polluted area or not.	Not Applicable
5.	If the project involves diversion of forest land. If yes, a) Extent of the forest land. b) Status of the forest clearance.	The clearance is required under Forest Conservation Act 1980 for which application will be filed for diversion of Forest Land. A copy of letter issued by Chief Conservator of Forests vide letter dated 28.10.2021 stating

		that diversion of forest area is involved for constructing approach road submitted.																																	
6.	If the project falls within 10 km of Eco sensitive area/ National park/Wild Life Sanctuary. If yes, a) Name of Eco sensitive area/ National park/Wild Life Sanctuary and distance from the project site. b) Status of clearance from National Board for Wild Life (NBWL).	No, Eco-sensitive area/ National park/ Wild Life Sanctuary falls within 10 km of the project site. NA NA																																	
7.	Classification/Land use pattern as per Master Plan	Mixed landuse zone, as per Proposed Landuse Plan of Rajpura shown by the Project Proponent. Further, a copy of permission for Change in land use (CLU) from Senior Town Planner Department of Town and Country Planning, Punjab issued vide Memo No. 2769- STP(P)/ SP-327 dated 16.11.2021 submitted.																																	
8.	Cost of the project	Rs. 21.62 crores																																	
9.	Total Plot area, Built up Area and Green area	<table border="1"> <tr> <td>Plot Area as per CLU</td> <td>34600.57 Sqm</td> </tr> <tr> <td>Proposed Built-up area</td> <td>22,256.32 Sqm</td> </tr> <tr> <td>Green Area</td> <td>1116.60 Sqm</td> </tr> </table>	Plot Area as per CLU	34600.57 Sqm	Proposed Built-up area	22,256.32 Sqm	Green Area	1116.60 Sqm																											
Plot Area as per CLU	34600.57 Sqm																																		
Proposed Built-up area	22,256.32 Sqm																																		
Green Area	1116.60 Sqm																																		
10.	Detailed Area statement																																		
	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Particulars</th> <th>Area (m²)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Plot Area as per CLU</td> <td>34,600.57 (8.55 acres)</td> </tr> <tr> <td>2.</td> <td>Area Under Road Widening</td> <td>429.72</td> </tr> <tr> <td>3.</td> <td>Net Plot Area</td> <td>34,170.85</td> </tr> <tr> <td>4.</td> <td>Permissible Ground Coverage (@65%)</td> <td>22211.05</td> </tr> <tr> <td>5.</td> <td>Total Proposed Ground Coverage <ul style="list-style-type: none"> • Area of Block A • Area of Block B • Area of Block C </td> <td>22211.02 22080.37 20.33 110.32</td> </tr> <tr> <td>6.</td> <td>Guard Room</td> <td>9.30</td> </tr> <tr> <td>7.</td> <td>Fire Safety Tank</td> <td>36</td> </tr> <tr> <td>8.</td> <td>Total Built-Up Area</td> <td>22,256.32</td> </tr> <tr> <td>9.</td> <td>Proposed Green Area</td> <td>1116.60</td> </tr> <tr> <td>10.</td> <td>Proposed Parking Area</td> <td>5,754.10</td> </tr> </tbody> </table>	S. No.	Particulars	Area (m ²)	1.	Plot Area as per CLU	34,600.57 (8.55 acres)	2.	Area Under Road Widening	429.72	3.	Net Plot Area	34,170.85	4.	Permissible Ground Coverage (@65%)	22211.05	5.	Total Proposed Ground Coverage <ul style="list-style-type: none"> • Area of Block A • Area of Block B • Area of Block C 	22211.02 22080.37 20.33 110.32	6.	Guard Room	9.30	7.	Fire Safety Tank	36	8.	Total Built-Up Area	22,256.32	9.	Proposed Green Area	1116.60	10.	Proposed Parking Area	5,754.10	
S. No.	Particulars	Area (m ²)																																	
1.	Plot Area as per CLU	34,600.57 (8.55 acres)																																	
2.	Area Under Road Widening	429.72																																	
3.	Net Plot Area	34,170.85																																	
4.	Permissible Ground Coverage (@65%)	22211.05																																	
5.	Total Proposed Ground Coverage <ul style="list-style-type: none"> • Area of Block A • Area of Block B • Area of Block C 	22211.02 22080.37 20.33 110.32																																	
6.	Guard Room	9.30																																	
7.	Fire Safety Tank	36																																	
8.	Total Built-Up Area	22,256.32																																	
9.	Proposed Green Area	1116.60																																	
10.	Proposed Parking Area	5,754.10																																	

	<i>*The above details as per the conceptual plan submitted along with the application.</i>																																																										
11.	<p>Water requirement & Population: The fresh water demand @ 6.5 KLD will be meet through Ground water by construction a borewell. Out of total quantity of 6.5 KLD, the fresh water to the tune of 4.2 KLD shall be used for meeting horticulture demand and rest of the fresh water @ 2.3 KLD shall be utilized for domestic purpose.</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Details</th> <th>Population</th> <th>Water Demand (in KLD)</th> </tr> </thead> <tbody> <tr> <td>•</td> <td>Staff @ 45 lpcd</td> <td>50</td> <td>2.25</td> </tr> <tr> <td>•</td> <td>Visitors @ 15 lpcd</td> <td>5</td> <td>0.075</td> </tr> <tr> <td colspan="3">Domestic Water Demand</td> <td>2.3 KLD</td> </tr> <tr> <td colspan="3">Wastewater Generated (@80%)</td> <td>1.8 KLD</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Season</th> <th>Total Water Consumption</th> <th>Wastewater generation (KLD)</th> <th>Treated Wastewater generation (KLD)</th> <th>Reuse for Flushing (KLD)</th> <th>Green Area requirement (KLD)</th> <th>In to sewer (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>2.3</td> <td>1.8</td> <td>1.8</td> <td>0</td> <td>6</td> <td>0</td> </tr> <tr> <td>2.</td> <td>Winter</td> <td>2.3</td> <td>1.8</td> <td>1.8</td> <td>0</td> <td>2</td> <td>0</td> </tr> <tr> <td>3.</td> <td>Rainy</td> <td>2.3</td> <td>1.8</td> <td>1.8</td> <td>0</td> <td>0.6</td> <td>0</td> </tr> </tbody> </table>							S. No.	Details	Population	Water Demand (in KLD)	•	Staff @ 45 lpcd	50	2.25	•	Visitors @ 15 lpcd	5	0.075	Domestic Water Demand			2.3 KLD	Wastewater Generated (@80%)			1.8 KLD	Sr. No.	Season	Total Water Consumption	Wastewater generation (KLD)	Treated Wastewater generation (KLD)	Reuse for Flushing (KLD)	Green Area requirement (KLD)	In to sewer (KLD)	1.	Summer	2.3	1.8	1.8	0	6	0	2.	Winter	2.3	1.8	1.8	0	2	0	3.	Rainy	2.3	1.8	1.8	0	0.6	0
S. No.	Details	Population	Water Demand (in KLD)																																																								
•	Staff @ 45 lpcd	50	2.25																																																								
•	Visitors @ 15 lpcd	5	0.075																																																								
Domestic Water Demand			2.3 KLD																																																								
Wastewater Generated (@80%)			1.8 KLD																																																								
Sr. No.	Season	Total Water Consumption	Wastewater generation (KLD)	Treated Wastewater generation (KLD)	Reuse for Flushing (KLD)	Green Area requirement (KLD)	In to sewer (KLD)																																																				
1.	Summer	2.3	1.8	1.8	0	6	0																																																				
2.	Winter	2.3	1.8	1.8	0	2	0																																																				
3.	Rainy	2.3	1.8	1.8	0	0.6	0																																																				
12.	Water Requirements & source in Construction Phase			Water required during the construction period will be supplied through private water tanker.																																																							
13.	Source of Water in construction phase			Treated water																																																							
14.	Treatment & Disposal arrangements of waste water in Construction Phase			Septic Tank																																																							
15.	Disposal Arrangement of Waste water in Operation Phase			Total wastewater generated will be 1.8 KLD, which will be treated in proposed septic tank to be provided within project premises.																																																							
16.	Rain water recharging detail			Ground water recharging will be done by provision of 6 rain water recharging pits so as to compensate the abstraction of ground water. Details are given in Conceptual plan.																																																							
17.	Solid waste generation and its disposal			a) 11 kg/day b) The solid waste shall be duly segregated into biodegradable and non-biodegradable components. A separate area is earmarked for segregation of solid waste. Biodegradable waste will be composted in compost pit. Inert waste will be dumped to authorized dumping																																																							

		site. The recyclable waste shall be sold to resellers.																																								
18.	Hazardous Waste & E-waste	Only used oil from DG sets will be generated which will be sold to registered recyclers.																																								
19.	Energy Requirements & Saving	<p>a) 300 KVA from PSPCL. b) 1 DG set of capacity 250 KVA has been proposed. c) Saving measures: LEDs have been proposed to be used instead of CFLs. 1.6 KW of energy will be saved by using LEDs. Also, solar panels have been proposed on the roof top of the warehouse. The total area covered by solar panels will be 1,983.366 sq.m which will generate 165 KW of power generation.</p>																																								
20.	Proposed trees to be planted	<p>1 tree @ 80 sqm of the plot area = $34600.57/80 = 432$ trees required. Total no. of trees proposed = 440 trees</p>																																								
21.	<p>Environment Management Plan along with Budgetary break up phase wise and responsibility to implement given as under:</p> <p>During construction & Operation phase, Partner will be responsible for implementation of the EMP.</p> <table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th rowspan="2">Title</th> <th colspan="2">Construction Phase</th> <th>Operation Phase</th> </tr> <tr> <th>Capital Cost (in Lakhs)</th> <th>Recurring Cost (in Lakhs per Annum)</th> <th>Recurring Cost (in Lakhs per Annum)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Air Pollution Control (tarpaulin sheets/ barricading, water sprinklers, etc.)</td> <td>2</td> <td>0.5</td> <td>0.2</td> </tr> <tr> <td>2.</td> <td>Water Pollution Control (Septic Tank)</td> <td>2</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>3.</td> <td>Noise Pollution Control</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>4.</td> <td>Landscaping</td> <td>5</td> <td>1</td> <td>2</td> </tr> <tr> <td>5.</td> <td>Solid Waste Management (Bins, Compost Pit)</td> <td>1</td> <td>0.2</td> <td>2</td> </tr> <tr> <td>6.</td> <td>Rain water Recharging (6 pits)</td> <td>9</td> <td>1</td> <td>1</td> </tr> </tbody> </table>				S. No.	Title	Construction Phase		Operation Phase	Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recurring Cost (in Lakhs per Annum)	1.	Air Pollution Control (tarpaulin sheets/ barricading, water sprinklers, etc.)	2	0.5	0.2	2.	Water Pollution Control (Septic Tank)	2	0.5	0.5	3.	Noise Pollution Control	0.5	0.5	0.5	4.	Landscaping	5	1	2	5.	Solid Waste Management (Bins, Compost Pit)	1	0.2	2	6.	Rain water Recharging (6 pits)	9	1	1
S. No.	Title	Construction Phase		Operation Phase																																						
		Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recurring Cost (in Lakhs per Annum)																																						
1.	Air Pollution Control (tarpaulin sheets/ barricading, water sprinklers, etc.)	2	0.5	0.2																																						
2.	Water Pollution Control (Septic Tank)	2	0.5	0.5																																						
3.	Noise Pollution Control	0.5	0.5	0.5																																						
4.	Landscaping	5	1	2																																						
5.	Solid Waste Management (Bins, Compost Pit)	1	0.2	2																																						
6.	Rain water Recharging (6 pits)	9	1	1																																						

7.	Energy Conservation (LED lights, solar panels, etc.)	10	1.5	1
8.	Miscellaneous (Appointment of Consultants & Management of Environment Cell)	3	1	1
Total		32.5	6.2	8.2

During meeting, the Project Proponent apprised the Committee that the products/goods proposed to be stored in the warehouse project are linked with the following sectors:

- (i) Retail/FMCG/Consumer durables
- (ii) Logistics and telecom
- (iii) Automobile and Industrial automation
- (iv) Health Care/Media
- (v) E-commerce

Further, the Project Proponent also undertakes that no hazardous waste/hazardous goods/e-waste will be stored in the warehouse and no such activity shall be undertaken which may generate air emissions as well as trade effluent from the proposed project.

The Project Proponent further apprised the Committee that the application for abstraction of 6.5 KLD of ground water has been submitted to PWRDA on 17.12.2021. Further, it was informed that the application for Forest Clearance under Forest Conservation Act 1980 has also been filed on 08.01.2022. The Project Proponent also submitted the block/wise details as under:

Sr. no.	Description	Features	Area in Sqm.
1	Block- A	Storage area	22,080.37
2	Block- B	Toilets and Worker waiting area	20.33
3	Block- C	Toilets, Electrical Panel Room and Driver's lounge room, Pump room etc.	110.32

SEAC was satisfied with above said reply & the presentation of the Project Proponent and took a copy of the same on record.

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal and to forward the application of the project proponent to SEIAA with the recommendation to grant Environmental Clearance for the establishment of Warehouse project at NH-1, village Ghaggar Sarai, Tehsil Rajpura, District Patiala, Punjab with proposed built up area of 22,256.32 Sqm and total project area of 34170.85 Sqm, as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation /clarifications made by the project proponent and his consultant subject to the following conditions.

I) Statutory compliances:

- i) The project proponent shall obtain all necessary clearances/ permissions from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building bye laws.
- ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment, etc. as per National Building Code including protection measures from lightening, etc.
- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose is involved in the project.
- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.
- vi) The project proponent shall obtain the necessary permission for abstraction of ground water/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whose jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.

- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is being granted.

II) Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to undertake Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g., PM₁₀ and PM_{2.5}) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel would be the preferred option. The location of the DG sets may be decided in consultation with Punjab Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke and other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 m height or 1/3rd of the building height and maximum up to 10 m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted.
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- x) Grinding and cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.

- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within earmarked area and roadside storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to the norms and regulations prescribed under air and noise emission standards.
- xiv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xv) For indoor air quality the ventilation provisions as per National Building Code of India shall be complied with.
- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e., metallic roads should be built and used).
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measures will be notified at the site

III) Water quality monitoring and preservation

- i) The natural drainage system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed which obstructs the natural drainage through the site, in wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- iii) Buildings shall be designed to follow the natural topography as far as possible. Minimum cutting and filling should be done.
- iv) The total water requirement for the project @ 6.5 KL/day, which shall be met through Bore well. The total fresh water @ 2.3 KLD shall be utilized for domestic remaining 4.2 KLD shall be utilized to meet with horticulture demand. Total fresh water use shall not exceed the proposed requirement as provided in the project details.

- v) a) The total wastewater generation from the project will be 1.8 KL/day, which will be treated in septic tank within the project premises. As proposed, 1.8 KLD treated wastewater available at outlet of septic tank will be as reutilized as under: -

Sr. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)
1.	Summer	0	1.8
2.	Winter	0	1.8
3.	Monsoon	0	1.8

- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- c) During construction phase, the project proponent shall ensure that the waste water being generated from the labour quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately designed septic tanks for the treatment of such waste water and treated effluents shall be utilized for green area/plantation.
- vi) The project proponent shall ensure safe drinking water supply to the workers. Adequate treatment facility for drinking water shall be provided, if required.
- vii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- viii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- ix) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- x) Installation of R.O. plants in the project will be discouraged in order to reduce water wastage in form of RO reject. However, in case the requirement of installing RO plant is unavoidable, the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component or in a common place in the project premises.

- xi) The project proponent shall also adopt the new/innovating technologies like low water discharging taps (faucet with aerators) /urinals with electronic sensor system /waterless urinals / twin flush cisterns/ sensor based alarm system for overhead water storage tanks and make it a part of the environmental management plans / building plans so as to reduce the water consumption/ground water abstraction.
- xii) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/other purposes etc. and will colour code the different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

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

- xiii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and adopting other best practices.
- xiv) The CGWA provisions on rain water harvesting should be followed. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of plot area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. As per the proposal submitted by the project proponent, 6 no. rain water recharge pits have been proposed for ground water recharging as per the CGWB norms. The ground water shall not be withdrawn without approval from the Competent Authority.
- xv) All recharge should be limited to shallow aquifer.

- xvi) No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and should be available at site.
- xvii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xviii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xix) Sewage shall be treated in the septic tank. The treated effluent from septic tank shall be reused for gardening. No treated water shall be disposed of into the municipal storm water drain.
- xx) No sewage or untreated effluent water would be discharged through storm water drains. Treated waste water shall be reused on-site for landscape, other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxi) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from Septic tank.
- xxii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV) Noise monitoring and prevention

- i) Ambient noise levels shall conform to residential area/commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce noise levels during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

- iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V) Energy Conservation measures

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

VI) Waste Management

- i) A certificate from the competent authority handling municipal solid waste, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and should be safely disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.

- iv) Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed for treatment and disposal of the waste.
- v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi) Any hazardous waste generated during construction phase, shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- x) Used CFLs and TFLs should be properly collected and disposed off or sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII) Green Cover

- i) No naturally growing tree should be felled/transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department.
- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure planting of 432 trees (@1 tree/80 Sqm of Total Land Area) in the project area at the identified location, as per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 6 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years. The plants shall be protected and maintained by the project proponent or Residents

Welfare Association, as the case may be, even after three years. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be undertaken as per SEIAA guidelines.

- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 saplings of the same species for every tree that is cut) shall be done and the newly planted saplings will be maintained for at least 5 years. Green belt development shall be undertaken as per the details provided in the project document.
- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for commercial land use.

VIII) Transport

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b) Traffic calming measures.
 - c) Proper design of entry and exit points.
 - d) Parking norms as per local regulations.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a valid pollution check certificate, conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other

agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

IX) Human health issues

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust masks.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India should be followed.
- iii) Emergency preparedness plan based on the Hazard identification and Risk Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, 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.
- v) A First Aid Room shall be provided in the project both during construction and operations of the project.

X) Environment Management Plan

- i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- 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 report directly to the head of the organization.
- iii) Action plan for implementing EMP and environmental conditions along with the 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 accounts and will not be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs. 32.5 Lacs towards the capital cost and Rs. 6.2 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs. 8.2 Lacs/annum towards the recurring cost in operation phase of the project including the environmental monitoring cost as per the details given as under:

S. No.	Title	Construction Phase		Operation Phase
		Capital Cost(in Lakhs)	Recurring Cost (in Lakhs/ annum)	Recurring Cost (in Lakhs / annum)
1.	Air Pollution Control (tarpaulin sheets/ barricading, water sprinklers, etc.)	2	0.5	0.2
2.	Water Pollution Control (Septic Tank)	2	0.5	0.5
3.	Noise Pollution Control	0.5	0.5	0.5
4.	Landscaping	5	1	2
5.	Solid Waste Management (Bins, Compost Pit)	1	0.2	2
6.	Rain water Recharging (6 pits)	9	1	1
7.	Energy Conservation (LED lights, solar panels, etc.)	10	1.5	1
8.	Miscellaneous (Appointment of Consultants & Management of Environment Cell)	3	1	1
Total		32.5	6.2	8.2

The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is transferred to the occupier under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.

XI) Validity

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

XII) Miscellaneous

- i) The project proponent shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.
- ii) The project proponent shall comply with the conditions of CLU, if obtained.
- iii) The project proponent shall prominently advertise in at least two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn have to publicly display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at Environment Clearance portal and submit a copy of the same to SEIAA.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put the same on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as SEIAA Punjab, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also those made to SEIAA / SEAC during their presentation.
- xi) No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to

assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

- xii) The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/information/monitoring reports.
- xiii) This Environmental Clearance is granted subject to final outcome of pending related cases in the Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble NGT and any other Court of Law as may be applicable to this project.

Item No 212.02: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for setting up of new residential colony project namely "Suntec City by M/s the Indian Co-operative House Building Society Ltd, Proposal No. (SIA/PB/NCP/42854/2019).

1.0 Present case:

The project proponent has applied for issuance of TORs to M/s Suntec City for setting up of new residential colony project namely "Suntec City ", located at village Palheri (H.B. no. 173), Tehsil- Kharar and Village Raihmanpur (H.B no. 172), Tehsil- Majri, District- SAS Nagar, New Chandigarh, Punjab with proposed built-up area as 2,08,819.52 Sqm. The Project is covered under category 8(b) as per EIA notification-2006.

The project proponent submitted the Form I (Appendix I),1A, Conceptual Plan and other additional documents on online portal. They have also deposited the processing fee amounting to Rs.52,205/- (25% of the total fee) through DD No. 004758 dated 13.12.2019.

The Project Proponent undertake that the information given in the application are true to the best of his knowledge & belief and no facts have been concealed thereof. Further, he is aware that in case, if any information submitted was found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at their risk and cost.

The application was scrutinized and essential details were sought on 12.01.2020 and 15.04.2020, to which the project proponent submitted replies on 27.02.2020 and 09.07.2020 respectively. The brief details of the Project are as under:

Sr. No.	Detail of the Document	Reply submitted by PP dated 12.01.2020
1.	Cost of the project duly certified by Chartered Engineer/ Approved valuer and Chartered Accountant	Rs 370 Cr, Certificate submitted
2.	Copy of the Master plan duly marked with project site.	Submitted.
3.	Pre-feasibility report/ conceptual Plan as per Ministry of Environment & Forests, Circular dated 30.12.2010.	Submitted.
4.	Proof of ownership of land	MOA submitted in favour of Sh. Ajay Sehgal

Sr. No.	Detail of the Document	Reply submitted by PP dated 09.07.2020
1.	Certificate of accreditation of EIA consultant	Consultant: P and M Solution Certificate No. NABET/EIA/1922/IA0053
2.	Copy of Memorandum of Article & Association / partnership deed /undertaking of sole proprietorship/list of Directors and names of other persons responsible for managing the day-to-day affairs of the project	MOA submitted in favour of Sh. Ajay Sehgal
3.	Submit a Copy of Master Plan of the area showing land use pattern of the proposed site/certificate from Competent Authority intimating land use pattern of the project site as per proposals of the Master Plan of the area.	Submitted.
4.	Undertaking for no litigation pending against the project.	No litigation is pending w.r.t. project, Undertaking submitted.

Environmental Engineer, PPCB, RO, SAS Nagar was requested vide email dated 15.09.2020 to send the construction status of the project site. However, the report was not sent by PPCB till the time of SEAC meeting.

The details of the project as given in Form 1, Pre-feasibility Report / Conceptual Plan, above EDS replies and other additional documents are as under:

Sr. no.	Description	Details	
1.	Name & Location of the project	M/s. The Indian Co-op House Building Society Ltd. at Village Palheri (H.B. No. 173), Tehsil Kharar and village Raihmanpur (H.B. No. 172), Tehsil Majri, Distt. SAS Nagar (Area 108.58 acres). New Chandigarh, Punjab	
2.	Project/activity	8(B)	
3.	Co-ordinates of all the corners of the project site as per following:		
	S.No.	Latitude	Longitude
	1.	30°47'40.11"N	76°41'42.76"E

		2.	30°47'41.38"N	76°41'40.67"E	
		3.	30°47'26.04"N	76°41'7.23"E	
		4.	30°47'22.05"N	76°41'7.36"E	
		5.	30°47'28.91"N	76°41'12.53"E	
		6.	30°47'14.41"N	76°41'9.72"E	
		7.	30°47'6.62"N	76°41'15.94"E	
		8.	30°47'8.30"N	76°41'19.70"E	
		9.	30°47'14.38"N	76°41'13.93"E	
		10.	30°47'16.23"N	76°41'24.71"E	
		11.	30°47'12.20"N	76°41'29.77"E	
		12.	30°47'4.14"N	76°41'42.25"E	
		13.	30°47'4.27"N	76°41'37.25"E	
		14.	30°47'11.87"N	76°41'42.42"E	
		15.	30°47'31.82"N	76°41'36.99"E	
		16.	30°47'31.54"N	76°41'41.51"E	
		17.	30°47'38.45"N	76°41'51.49"E	
		18.	30°47'22.28"N	76°41'15.37"E	
4.	Copy of the Master plan duly marked with the project site	Submitted			
5.	Copy of duly signed Layout plan	Submitted approved Layout plan vide Letter No. 5542-CTP(PB)/SP-454 dated 11-11-2016.			
6.	Pre-feasibility/ conceptual report	Submitted			
7.	Proof of ownership of land	Submitted			
8.	Details of CLU certificate	Submitted CLU by Department of Town & Country Planning, Punjab Memo no. 2629 CTP(PB)/SP-432 dated 03-06-16.			
9.	Copy of Memorandum of Article & Association.	Submitted Copy of Memorandum of Article in favour of Sh. Ajay Sehgal			
10.	Proposed ToRs (based on the standard ToRs)	Submitted			
11.	Classification/Land use pattern as per Master Plan	As per the New Chandigarh Master plan 2031 project falls in residential area.			
12.	Cost of the project	Rs. 370 Cr (Development 37.50 + Land 332.50) EDS reply submitted Dated: 12.01.2020			
13.	Processing Fee details (Amount/NEFT no./dated)	Amount Rs 52,205/- Ref No:183512003671 DD No: "004758" dated 13-12-2019			
14.	Detail of various components				

S.no.	Description	Particulars	Unit
1.	Plot Area (acres)	439407.67 sq.m. (108.58 acres / 43.94 Ha)	SQM
2.	Proposed Built Up Area	208819.52 sqm	SQM
3.	Number of Building Blocks	557 (Plots) including Shopping, Education Site & EWS	Nos
4.	Total no of Saleable DU's	557 (Plots)	Nos
5.	Max Height of Building	28	Meter
6.	Max No of Floors	3	Nos
7.	Expected Population	13280	Persons
8.	Total Water Requirement	1647 Summer 1559 Winter 1532 Monsoon	KLD
9.	Freshwater requirement	1046	KLD
10.	Wastewater Generation	1307	KLD
11.	Proposed STP Capacity	2000	KLD
12.	Treated Water Available for Reuse	1176	KLD
13.	Rain Water Harvesting Potential	2805.06	CUM
14.	Proposed Total Parking	To be Done by individual flat owner	
15.	Surface Parking	To be Done by individual flat owner	ECS
16.	Basement Parking	Done by individual flat owner	ECS
17.	Required Green Area as per Plan	19837.69	SQM
18.	Proposed Green Area (7.195% as approved plan)	23791.47 Sq.m. as per approved plan	SQM
19.	Municipal Solid Waste Generation	5850	KG/DAY
20.	Quantity of Hazardous Waste Generation	Not submitted	LTS/DAY
21.	Quantity of Sludge Generated from STP	Not submitted	KG/DAY

15.	Breakup of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):						
S.No.	Season	Freshwater		Reuse water			Total (KLD)
		Domestic (KLD)	Others (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	
1.	Summer	1046	642	470	172	---	1647
2.	Winter	1046	526	470	56	---	1559
3.	Rainy	1046	486	470	16	---	1532
S.No.	Description	Source of water					
1.	Domestic	Water will be supplied by GAMADA					
2.	Flushing purposes	Recycle water					
3.	Green area	Recycle water					

16.	Details of acknowledgement of application filed to CGWA /Competent Authority for obtaining permission for abstraction of ground water	Not Applicable
-----	---	----------------

17.	Specify block of project site as per CGWA norms (Notified/Non-Notified)	Non- Notified																
18.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Construction Phase	Not submitted Qty Details of Wastewater generation. During Construction: Septic tank followed by soak pit																
19.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Operation Phase	<p>Total wastewater generation will be 1307KLD which will be treated in proposed STP of 2000KLD based on SBR technology to be installed within project premises. The details of the breakup of the utilization of wastewater are as under: -</p> <table border="1"> <thead> <tr> <th>Season</th> <th>Flushing (KLD)</th> <th>Green area (KLD)</th> <th>Disposal in GMADA Sever (KLD)</th> </tr> </thead> <tbody> <tr> <td>Summer</td> <td>470</td> <td>172</td> <td>534</td> </tr> <tr> <td>Winter</td> <td>470</td> <td>56</td> <td>650</td> </tr> <tr> <td>Monsoon</td> <td>470</td> <td>16</td> <td>690</td> </tr> </tbody> </table> <p>NOC regarding permission for disposal op treated water in proposed Sever Line of GMADA vide letter dated: 11.01.2019</p>	Season	Flushing (KLD)	Green area (KLD)	Disposal in GMADA Sever (KLD)	Summer	470	172	534	Winter	470	56	650	Monsoon	470	16	690
Season	Flushing (KLD)	Green area (KLD)	Disposal in GMADA Sever (KLD)															
Summer	470	172	534															
Winter	470	56	650															
Monsoon	470	16	690															
20.	Details of Rainwater recharging/Harvesting(m ³ /hr) proposal & technology proposed to be adopted	Total Rain Water: 2805.06 Cum/hr Harvesting pit and Tank total capacity: 137 cum No. of Pits proposed 21																
21.	Details of Solid waste generation (Qty), treatment facility and its disposal arrangement	5850.3 Kg/day during operation Treat as per the Solid Waste Management Rule 2016. GAMADA waste treatment facility																
22.	Details of Hazardous Waste&E-Waste generation (Qty), Treatment facility, and its disposal arrangement	Project Proponent informed that it is a residential project, hence, no Hazardous and E-Waste generated, A very less amount will be generated that will be treated as per the Solid Waste Management Rule 2016.																
23.	Detail of DG sets	Individual plot owners will make their own arrangement, 25 kVa D.G. will be provided to power failure.																
24.	Air pollution control device details	Water sprinkler will be used at site for regular water sprinkling																

25.	Energy Requirements & Saving	50. Nos of Solar Light, Energy-saving equipment Solar water heater will be used.			
26.	Details of Environmental Management Plan				
		Sr. No	Environmental Protection Measures	Capital Cost Rs. Lacs	Recurring Cost Rs. Lacs
		1.	Monitoring of Environment components	--	3
		2	Water Conservation measures	500	20
		3	Energy Conservation Measures	6	0.5
		4.	Green Belt Development	215	5
		5.	Solid Waste Management	5	2
	Total	726	30.5		
27.	a. Details of Corporate Environmental Responsibility (CER) indicating various activities to be undertaken as per the provision of OM dated 01.05.2018 b. Details of NOC from the village Sarpanch, Certificate from the School Principal & concerned Govt. Departments etc.	Corporate Environment Responsibility (CER) Budget towards capital expenditure in accordance with the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated 01.05.2018 for Social Welfare. The estimated cost of the project is Rs 370 Crores 2% of the project cost has been earmarked for the Corporate environment Responsibility (CER) to meet expenditures for the stakeholders as per social impact assessments. As per the commitment made during the public hearing an amount of Rs. 7.4 Crores will be spent Timeline and CER activity will be done at the time of EIA study			
28.	Details of green belt development shall include the following: a) No. of tree to be planted against the requisite norms. b) Percentage of the area to be developed.	a) No. of trees will be examined during the EIA Study b) 7.195 % (5.897 Acre/ 23791.47 Sq.m.) as per approved plan and 7526.54 additional.			

2.0 Deliberations during the 193rd meeting of SEAC held on 26.09.2020

The meeting was attended by Sh. Ajay Sehgal, Director of the company and Mr. S. Brahma, Environmental Consultant, M/s Shivalik Solid Waste Management Ltd., Zirakpur. Environmental Consultant of the promoter company was not allowed to make a presentation for the proposal before SEAC as the construction status report was not sent by PPCB till the time of the meeting.

After detailed deliberations, SEAC decided to defer the case and the same shall be placed in the next meeting of SEAC after getting the construction status report from PPCB.

In compliance with the above decision, the Member Secretary, PPCB, was requested vide email dated 19.10.20 to send the construction status of the project site. However, the report is yet awaited.

3.0 Deliberations during the 194th meeting of SEAC held on 23.10.2020

The meeting was attended by Sh. Devipal Sharma, Manager from the promoter company, Ms. Shivani Dutt & Sh. Suryakant Srivastva, Environment Consultant from M/s P & M Solutions Consultancy Services.

SEAC was apprised that construction status report from the PPCB has not yet received.

Environmental Consultant of the promoter company was not allowed to make a presentation for the proposal before SEAC as the construction status report was not sent by PPCB till the time of the meeting.

After detailed deliberations, SEAC decided to defer the case and the same be placed in the next meeting of SEAC after getting the construction status report from PPCB.

4.0 Deliberations during the 196th meeting of SEAC held on 01.03.2021

The case was considered by SEAC in its 196th meeting held on 01.03.2021 and same was attended by following:

1. Sh. Devi Pal Sharma, representative of the Project Proponent.
2. Ms. Shivani Dutt, M/s P & M solutions, Noida.

It is submitted that the Punjab Pollution Control Board vide letter no. 4185 dated 23.10.2020 has sent latest construction status report which was placed before SEAC for consideration. SEAC perused the report and observed that the site of the project was visited by the Regional Office of the Punjab Pollution Control Board on 25.09.2020 and it was observed that the project proponent had laid sewer and inner roads in one pocket only i.e., approximately 4-5% of the total area. SEAC further observed that the project proponent affords an opportunity of personal hearing before the Chairman of the Board on 01.07.2019 due to the reason that the project proponent had started construction without obtaining Environmental Clearance under the EIA notification dated 14.09.2006. After hearing it was decided as under:

- i) The promoter company shall not carry out any development work at proposed site without getting environmental clearance as required under EIA notification no. S.O.4533 E dated 14.09.2006.
- ii) The promoter company shall furnish a bank guarantee amounting to Rs. 10.00 lacs which shall be valid for at least one year, to the Environmental Engineer, Regional Office, SAS Nagar within 7 days as an assurance to not to carry out any development work at site without getting environmental clearance as required under EIA notification dated 14.09.2006 as well as assurance to comply with the various environmental Laws/Rules.

- iii) The NOC applied by the promoter company be granted (after the submission of said bank guarantee) subject to the specific condition that the promoter company shall not carry out any development/construction work at site without getting environmental clearance as required under EIA notification dated 14.09.2006.

SEAC observed that as per EIA Notification dated 14.09.2006, the project proponent was required to obtain Environmental Clearance before starting any construction activity. But in the present case, the project proponent has already laid sewer and inner roads in one pocket only which is 4-5% of the total area. However, SEAC was of the view that laying of sewer and internal roads in one pocket is a minor construction activity and no major civil construction has been constructed by the project proponent. Moreover, Chairman, Punjab Pollution Control Board has already granted NOC to the project proponent after giving personal hearing on 01.07.2019.

SEAC further observed that the window for considering violation cases given by MoEF&CC, GoI had already expired on 13.04.2018 and thereafter no specific instruction for dealing with violation cases have been issued by MoEF&CC.

In view of above observations, SEAC after due deliberations decided to forward this case to SEIAA with the recommendation to allow SEAC to process cases of minor violation in the interest of development of State and to avoid unnecessary litigation.

5.0 Deliberations during 178th meeting of SEIAA held on 22.03.2021

The case was considered by SEIAA in its 178th meeting held on 22.03.2021, wherein SEIAA observed that the EIA notification dated 14.09.2006 stipulates that all projects mentioned in the Schedule appended to the said notification are required to obtain Environmental Clearance prior to commencement of any construction or pre-construction work including preparation of land (except securing of land for the Project).

As per the construction status report of the PPCB the project proponent had commenced construction in the Project site by laying sewer pipes and making internal roads in part of the area without obtaining the requisite prior Environmental Clearance which is a clear case of violation of the EIA notification.

SEIAA, therefore, did not agree with the recommendations of SEAC that it may be allowed to process the case being one of "minor violation" since the EIA Notification neither defines nor differentiates between "minor" and "major" violations. The EIA Notification also does not empower SEIAA or SEAC to condone violations "in the interest of development of the State" or "to avoid unnecessary litigation" as recommended by SEAC.

SEIAA further observed that the MoEF&CC vide its notifications dated 14.03.2017, 08.03.2018, 15.03.2018, 16.03.2018 and 09.09.2019 had laid down procedures for entertaining and processing violation cases in respect of which Project Proponents had sought condonation prior to the final cut off window of 13.04.2018. However, no procedure has been prescribed by the MOEF&CC in respect of cases of violations after 13.04.2018. Taking into consideration the fact that more such cases of violations are bound to come up in future too, SEIAA decided that a detailed reference should be made to MOEF&CC suggesting a procedure for dealing with such cases keeping in view the spirit of the orders of various Courts and the NGT on the subject.

SEIAA further observed that effective mechanisms needed to be put in position to ensure that all the projects coming in the ambit of the EIA Notification apply for and obtain prior Environmental Clearance before start of project activities as stipulated in the Notification dated 14.09.2006.

After detailed deliberations, SEIAA decided as under:

- i) A detailed reference be made to MoEF&CC seeking clarity on dealing with cases in which violations of the EIA notification have occurred or come to light after 13.04.2018.
- ii) A copy of the EIA Notification dated 14-9-2006 be sent to all concerned Departments, Corporations, Boards and Municipalities in Punjab State which regulate activities falling in the schedule attached to the EIA Notification dated 14.09.2006. All such Departments / Organizations should be requested to make it mandatory that projects falling under the ambit of EIA notification should have the requisite Environmental Clearance before statutory clearances are issued to such projects by the concerned Departments / Organizations.
- iii) The above issues will also be discussed in the next Joint meeting of SEIAA and SEAC.

In compliance with the aforesaid decisions, the following actions have been taken:

- i) A detailed reference has been made to MoEF&CC by SEIAA vide letter No 3772 dated 09.04.2021 requesting clarification on the procedure to be adopted for violations after 13.04.2018.
- ii) A copy of the EIA Notification dated 14-9-2006 has been sent through email to all concerned Departments, Corporations, Boards and Municipalities in Punjab State which regulate activities falling in the schedule attached to the EIA Notification dated 14.09.2006. All such Departments / Organizations have also been requested to make it mandatory that projects falling under the ambit of EIA notification should have the requisite Environmental Clearance before statutory clearances are issued to such projects by the concerned Departments / Organizations.
- iii) The above issue has been flagged and noted separately to discuss the same in the next Joint meeting of SEIAA and SEAC.

In the meanwhile, the Indian Cooperative Housing Building Society Ltd. (Registered SAS Nagar, Mohali vide letter dated 22.03.2021 (received on 24.03.2021) informed as under:

- (i) Earlier, application was filed for grant of Environmental Clearance for residential colony project namely Suntec City located at Village Palheri (H.B. no. 173), Tehsil Kharar and Village Raihmanpur (H.B. no. 172), Tehsil Majri, District SAS Nagar, New Chandigarh, Punjab having plot area of 108.58 acre and built-up area of 2,08,819.52 sq.m.
- (ii) Now, they have changed the planning of the project in a way that only development work will be undertaken by them in the form of laying of roads, plumbing, electrical lines, etc. within the project and no construction on any plot or group housing will be done by them.

- (iii) They wish to draw SEIAA attention towards EIA Notification, 2006 and its amendments, if the plot area of the project is more than 50 ha or built-up area is more than 1,50,000 sq.m. then, it comes under schedule 8 (b). As plot area of their project is 108.58 acres (44.34 ha) which is less than 50 ha and no construction on any plot or group housing will be done by them; thus, project does not fall under the purview of Environmental Clearance.
- (iv) Further, they assure that consent to Establish will be obtained from Punjab Pollution Control Board for the said development work. And if, the group housing site within the project will be having built-up area more than 20,000 sqm. then separate Environmental Clearance will be obtained for the said group housing site by the individual plot owner.
- (v) As such, it is requested to kindly allow the withdrawal of their application submitted for the Environmental Clearance.

6.0 Deliberations during 179th meeting of SEIAA held on 12.04.2021

The case was considered by SEIAA in its 179th meeting held on 12.04.2021, which was attended by Sh. Devi Pal Sharma and Dr. Sandeep Garg Environmental Consultant on behalf of the promoter company.

During the meeting, SEIAA was apprised that Member Secretary, PPCB vide letter no. 1777 dated 05.04.2021 in reference to the email dated 19.10.2020 informed that the proposed site of the project is situated in the residential area as per the notified Master Plan of New Chandigarh. Further, there is no MAH industry within a radius of 250 m from the boundary of the proposed site of the project. There is no Air Polluting Industry within 100 m radius from the boundary of the proposed site of the project. Therefore, the site of the project is conforming to siting guidelines laid down by the Govt. of Punjab, Department of Science, Technology & Environment vide order dated 25.07.2008 as amended on 30.10.2009.

As per the record of this office, the Project Proponent has applied for consent to establish (NOC) of the Board through OCMMS in the month of January, 2019. The industry has submitted proposal to abstract ground water @2200 KLD and 1887 KLD effluent will be treated. The project proponent has submitted proposal to install STP of capacity 2 MLD based on SBR technology. The treated effluent @ 1698.3 KLD will be utilized onto land for horticulture and plantation area (35.565 acre horticulture land and 6.5 acre onto land for plantation as per Karnal technology). The remaining treated effluent will be discharge into GMADA sewer. The project proponent has submitted a proposal to dump the solid waste at authorized dumping site for which GMADA has issued permission to the project proponent vide no. SE(C1)/GMADA/2019/84 dated 11.01.2019.

Environmental Consultant of the promoter company informed that the planning of the project has been changed and they are in the process of getting the approval for the revised layout plan of the project. To a query by SEIAA regarding commencing construction of internal roads and laying of sewers in violation of the EIA 2006 as reported by PPCB vide letter No 4185 dated 23.10.2020, Environmental Consultant stated that the planning has been changed by the promoter company and construction work has been stopped.

Environmental Consultant reiterated the submissions made vide their aforementioned letter dated 22.03.2021 that the Project Proponent would not be undertaking any construction itself and hence no violation has been made by the project proponent at this stage.

To another query of SEIAA, the project proponent and Environmental Consultant both stated that if their present application for withdrawal is accepted, they will apply afresh for Environmental Clearance for their project after getting the revised layout plan of the Township & Area Development project.

SEIAA was not satisfied with the reply of project proponent due to the following reasons:

- i) The application for withdrawal appears to have been submitted by the Project proponent only to escape the anticipated action against them regarding the violations made by them by commencing work on the project prior to obtaining EC in contravention of the EIA Notification, 2006. This is evidenced by the fact that they have submitted detailed maps, plans and extensive other documentation for the Project which all consistently state that the built-up area of the project will be 2,08,819.52 sq mts. They have also consistently been following up their case since 2019. Even as late as the SEAC meeting held on 01.03.2021 attended by the Project Proponent and their Environmental Consultant, no mention has been made of any change in plans or withdrawal of their application. The request for withdrawal has suddenly been made only after SEIAA took cognizance of the violations made by the Project Proponent and prima facie appears to have been done only to escape action against them for the said violations.
- ii) The Project Proponent's main contention is that since the construction of the built-up area is no longer proposed to be undertaken by them, the EIA Notification 2006 will not be applicable to their Project. This argument is not tenable since the EIA Notification 2006 is applicable to all projects having total area above 50 hectares and /or built-up area above 1,50,000 sq mts regardless of whether the Project Proponent or any other agency / person undertakes the actual construction. The application for obtaining EC has been made by the Project Proponent in which an exact figure of 2,08,819.52 sq mts built-up area has been computed. Since this built-up area is in excess of the threshold figure of 1,50,000 sqm., the Project is covered under the EIA Notification 2006, irrespective of whether the construction is done by the Project Proponent or by any other agency.
- iii) The violations reported by the PPCB vide their letter dated 23.10.2020 obviously ante-date the said letter of the PPCB. Hence the violations occurred well before the Project Proponent requested withdrawal of their application vide letter dated 22.03.2021 and thus, attract the relevant provisions of EIA Notification 2006.

After detailed deliberations, SEIAA decided to issue notice to the Project Proponent to show cause why action should not be initiated against them in respect of the aforementioned violations under Section 5 of the Environmental Protection Act, 1986. SEIAA further decided that a copy of the notice be also sent to PPCB stating that "Consent to Operate" may not be granted to the Project Proponent till a final decision is taken in the

matter. Project Proponent also be directed not to undertake any further construction till a final decision in the matter is taken by SEIAA.

In compliance with the aforesaid decision, the following action have been taken:

- i) Show cause notice has been issued vide letter no 4069 dated 04.05.2021 to the project proponent. A copy of the notice has been endorsed vide no 4070 dated 04.05.2021 to PPCB stating that "Consent to Operate" may not be granted to the Project Proponent till a final decision is taken in the matter
- ii) Project Proponent has been directed vide letter no 4071 dated 04.05.2021 not to undertake any further construction.

The project proponent vide letter no 2161 dated 17.05.2021 sought additional time to reply the show cause notice issued by SEIAA vide letter no 2176 dated 11.06.2021 due to reason that management and most of the employees were suffering from COVID-19 pandemic; thus; they will not be able to submit the reply of show cause in the given timeline. Therefore, it was requested to give additional time frame of 15 days,

The project proponent has now submitted the reply to show cause notice vide letter no 2176 dated 11.06.2021 in reference to SEIAA letter no 4069 dated 04.05.2021. A copy of reply was annexed as Annexure-B of the agenda.

7.0 Deliberations during 183rd meeting of SEIAA held on 15.06.2021

The case was considered by SEIAA in its 183rd meeting held on 15.06.2021, which was attended by Sh. Devi Pal Sharma and Dr. Sandeep Garg Environmental Consultant on behalf of the promoter company.

Environmental Consultant of the promoter company submitted that they agreed to pay for the Environmental degradation as well as to undertake the CSR activity in the area around the Project site in lieu of the minor violation done by the Project Proponent. Further, violation window for the Environmental Clearance given by MoEF&CC has already been closed on 13.04.2018. As such, it is requested to take a lenient view on their case and consider the case for out of court settlement by imposing Environmental Compensation as applicable and grant them the Environmental Clearance on the basis of MoEF&CC Notification dated 08.03.2018.

SEIAA was also apprised that the matter regarding procedure to be adopted for violation cases identified after the final cut off window of 13.04.2018, was also considered in the 12th Joint Meeting of SEIAA/SEAC held on 09.06.2021 and it was noticed that no reply has been received from the MoEF&CC in reference to the letter no. 3772 dated 09.04.2021 to provide clarity on dealing with cases in which violations of the EIA notification have occurred or come to light after 13.04.2018 so that SEIAA Punjab may adopt similar procedures for dealing with such cases. A reminder has also been sent vide email dated 19.05.2021 to the Ministry but a reply is still awaited.

As such, it was decided by the Joint Committee that another reminder may be issued to the Ministry. In case, clarification is still not received, matter may be re-examined and

decision taken whether the procedure prescribed in MOEF&CC Notification dated 14.03.2017 for dealing with the violation cases (which is continuing to be adopted by the MoEF&CC for post 14.03.2018 violations) may also be adopted by SEIAA/SEAC, Punjab for such fresh violations which come to notice after 14.03.2018.

After detailed deliberations, SEIAA decided to defer the case for a period of 01 month during which efforts should continue to be made to get the required clarification from MOEF&CC.

In compliance with the aforesaid decision, Joint Secretary, MoEF&CC, New Delhi has been requested vide letter no 4435 dated 25.06.2021 & email dated 26.06.2021 to provide the clarity on procedure to be adopted in violation cases which have come to light after 13.04.2018.

8.0 Deliberations during 203rd meeting of SEAC held on 05.07.2021

SEAC observed that no action was pending on behalf of SEAC, however, the case was reflected in the pendency list of SEAC on the Parivesh Portal due to technical reasons.

After deliberations, SEAC decided to forward the case to SEIAA online for taking further necessary action.

Further, Ministry of Environment, Forest & Climate Change vide OM dated 07.07.2021 had issued standard operating procedure for identification and handling of violation cases under EIA Notification 2006 in compliance of the orders of Hon'ble National Green Tribunal in OA No. 34/2020.

9.0 Deliberations during 186th meeting of SEIAA held on 29.07.2021

The case was considered by SEIAA in its 186th meeting held on 29.07.2021, which was attended by the following through Video Conference:

- (i) Sh. Devipal Sharma, Representative and Project proponent.
- (ii) Dr. Sandeep Garg, Ms. Priyanka Madan and Ms. Simran and, Environment Consultant of the project proponent.

Environmental Consultant of the promoter company informed SEIAA that the Madurai Bench of Madras High Court vide its order of 15.07.2021 has ordered an interim stay on the operation of OM dated 07.07.2021 issued by the MoEF&CC. On being asked by SEIAA to provide a copy of the detailed order passed by the Hon'ble High Court, Environmental Consultant sought time to submit the same.

After detailed deliberation, SEIAA decided to defer the case and seek clarification from the Regional office of MoEF&CC, Chandigarh, regarding the operation of office memorandum dated 07.07.2021 keeping in view the interim stay granted by the Madurai Bench of the Madras High Court.

In compliance with the aforesaid decision, Regional office of MoEF&CC, Chandigarh has been requested vide letter no. 4615 dated 10.08.2021. An email has been received from

the Regional office MoEF&CC, Chandigarh addressed to Director (IA- Policy), MoEF&CC, New Delhi on 31.08.2021 wherein it was requested to provide the necessary guidance to proceed further. However, no reply has been received from the MoEF&CC, New Delhi.

10.0 Deliberations during 191st meeting of SEIAA held on 11.10.2021

The case was considered by SEIAA in its 191st meeting held on 11.10.2021 which was attended by Dr. Sandeep Garg and Ms. Priyanka Madan, Environment Consultant of the project proponent.

During the meeting, Environmental Consultant of the promoter company submitted that in a very recent similar "violation" case, MoEF&CC, New Delhi has granted Environmental Clearance on 21.05.2021 for expansion of the group housing project namely "Green Lotus Saksham" with built-up area of 1,24,724.142 sqm located at village Nabha and Chatt Zirakpur, Distt. SAS Nagar developed by M/s Maya Builders after issuing a show cause notice u/s 5 of the Environment (Protection) Act, 1986. Copies of EC letter, Minutes of EAC held on 8th January, 2021 and Show Cause notice issued in the matter were submitted by the Environmental Consultant, which were taken on record by SEIAA. Environmental Consultant requested to grant the EC being a very minor violation as project proponent has only laid sewer and internal roads in a small pocket of the Project and no major civil construction has been commenced.

To a query by SEIAA, Environmental Consultant informed that he is not fully aware whether the construction has actually been fully stopped at project site after the site visited by the officer of the PPCB on 25.09.2020.

After detailed deliberations, SEIAA decided to defer the case and examine in detail the similar project of "Green Lotus Saksham" in which post-violation EC has been granted by MoEF&CC only recently. SEIAA also decided to visit the project site on 18.10.2021 (Monday) at 11:00 AM to verify the construction status of the project.

In compliance with the aforesaid decision, project proponent and Environmental Consultant was asked vide letter no. 4818-19 dated 12.10.2021 to present at the project site on aforesaid date and time to accompany SEIAA during their field visit to verify the construction status of the project. The project site was visited on 18.10.2021 by SEIAA and similar project of "Green Lotus Saksham" in which post-violation EC granted by MoEF&CC has also been examined in detail. The project proponent submitted an affidavit to the effect that the construction activities has been stopped and no such a violation will ever be repeated. A copy of the affidavit is enclosed as Annexure-A1 of the Agenda.

11.0 Deliberations during 192nd meeting of SEIAA held on 01.11.2021.

The case was considered by SEIAA in its 192nd meeting held on 01.11.2021, which was attended by the following:

- (i) Sh. Devipal Sharma, Manager of the promoter company.
- (ii) Dr. Sandeep Garg and Ms. Priyanka Madan, Environment Consultant of the project proponent.

During the meeting, representative of the promoter company vide letter dated 01.11.2021 submitted notarized affidavit as directed during the visit to SEIAA, Punjab. The contents of the said affidavit are reproduced as under:

"I, Ajay Sehgal (Director) on behalf of M/s The Indian Co-operative House Building Society Ltd. having its office at Chandigarh Mullanpur Barrier, New Chandigarh, Punjab for our project namely "Suntec City" (108.58 acres) located at Village Palheri (H.B. No. 173), Tehsil Kharar and Village Raihmanpur (H.B. No. 172), Tehsil Majri, Distt. SAS Nagar, New Chandigarh, Punjab do hereby solemnly affirm and declare the following:

- a. That project is a plotted township having plot area of 108.58 acres (43.94 ha) which is less than 50 ha. Only development work is to be undertaken in the project. As initially we presumed that our project does not fall under the purview of EIA Notification & its amendments and Environmental Clearance was not required. Accordingly, we have started development of our project by making green parks, internal roads and laying of sewer line in the small pocket of project i.e., 4-5% of the total planning area.
- b. That later on, we came to know that if permissible built-up area exceeds the limit of 1,50,000 sqm. based on permissible FAR, then, prior Environmental Clearance is required before start of any development activities.
- c. That accordingly immediately we have filed application to SEIAA, Punjab vide proposal no. SIA/PB/NCP/42854/2019 dated 14.09.2019 in Schedule 8(b) based on permissible built-up area of 2,08,819.52 sqm.
- d. That consequently construction activity was immediately stopped at site since the date of submission of the application of EC.
- e. That as we have done development work in 4-5% of total planning area that too without any intention to violate any law pertaining to Environmental Clearance. Thus, our small inadvertent violation may kindly be condoned off.
- f. That we wish to inform you that MoEF&CC in so many other cases have condoned similar/minor violation and taken favorable decision in granting Environmental Clearance in interest of state/project proponent.
- g. That no such violation will ever be repeated in future and development/construction work will be resumed only after obtaining Environmental Clearance.

Thus, it is our humble plea to condone our unintentional act of violation so that Environmental Clearance may kindly be issued to the said project."

The said affidavit was taken on record by SEIAA.

Further, SEIAA was apprised regarding the visit report dated 18.10.2021 (Annexure-1 of the proceeding). The said visit report was also taken on record. Perusal of visit report reveals as under:

- i) Project proponent has constructed roads in one pocket of the project in an area of about 4 to 5 acres. In the said pocket, sewer has been laid and Electric Poles have been erected alongside the roads. Two parks have also been developed in this pocket.
- ii) Fencing has been partially erected on the front side of the project site and an entrance gate has been constructed.
- iii) Structures of three buildings (G+2) with approximate combined built-up area of 950 sqm and 2-Labour huts-cum storage rooms with built-up area of about 15 sqm have been partially constructed which were all unfinished and no occupancy was found in the same.
- iv) No construction had been undertaken in the remaining about 104 acres area of the project site which is mainly agricultural fields and some non-cultivable banjar land.
- v) No fresh construction was observed at site.

SEIAA also noted that in a similar project of "Green Lotus Saksham", MoEF&CC in its 63rd meeting of EAC (Infra-2) held on 19.03.2021 has granted post-violation EC. Moreover, no procedure has been defined by Ministry to deal with the post window violation cases after the stay orders of the Hon'ble Madurai Bench of the High Court of Tamil Nadu on the OM dated 07.07.2021. SEIAA also noted that the Project Proponent had stopped construction works under the Project and no new construction beyond that initially undertaken in a small pocket of 5 acres had been done by him.

After perusal of the site visit report and taking into consideration the affidavit submitted by the project Proponent and the case of Green Lotus Saksham in which EC has been granted by MoEF&CC in a "violations case" as precedence, SEIAA decided to accept the recommendation of SEAC and permit SEAC to process the case of Suntec City for grant of EC as no directions have been received from the MoEF&CC regarding dealing with such cases despite reminders and because important Projects cannot be delayed indefinitely.

12.0 Deliberations during 209th meeting of SEAC held on 27.11.2021.

The case was attended by the following:

- (i) Sh. Devipal Sharma, Manager of the promoter company.
- (ii) Dr. Sandeep Garg and Ms. Priyanka Madan, Environment Consultant of the project proponent.

During meeting, the representative of the Project Proponent informed that there are certain changes in the proposal and the same have been incorporated in the Form-1, 1A, and approved layout plan. The hard copy of revised Form-1,1A and layout plan of the project approved by Chief Town Planner, Punjab vide no. 4660 dated 21.10.2020 were taken on record during the meeting.

The project proponent further informed that as per revised forms, the built-up area of the project has been revised from 208819.52 sq.m to 466702.58 sqm along with other details pertaining to no. of plots, population, water requirement, wastewater generation etc.

SEAC observed that there are significant changes in the revised proposal and asked the project proponent to upload the same including Form-1, 1A, and Layout Plan on the Parivesh Portal.

After detailed deliberations, SEAC decided to defer the case till the next meeting of SEAC.

Deliberations during 212th meeting of SEAC held on 10.01.2022.

The case was attended by the following:

- (i) Sh. Devipal Sharma, Manager of the promoter company.
- (ii) Dr. Sandeep Garg and Ms. Priyanka Madan, Environment Consultant of the project proponent.

The Project Proponent has submitted the reply of the ADS raised through Parivesh Portal, wherein, the Project Proponent has uploaded all the relevant documents pertaining to the project in Form-1, 1A & approved layout plan, water balance for the three seasons & Solid Waste Management with details as under:

Sr. no.	Description	Details			
1.	Layout plan details	A copy of Layout plan approved by Chief Town Planner vide no. 4660 dated 21.10.2020. The details of the project as per the said layout plan is as under:			
		Sr. no.	Description	Number	Population
		1	Plots	442	6630
		2	Independent Floors (S+4)	12	240
		3	Independent Floors (S+3)	90	1350
		4	Shopping	4.193 acres	419
		5	Education site	7.87 acres	787
		6	EWS	5.751 acres	2300
		Besides above, one group housing project of Total area= 7.975 acres. Population for the said group housing project = 2393 persons (7.975x300) Total Population with the project = 14119 a. CLU granted for area =108.58 acres			

		<p>b. Area under revenue rasta= 2.842 acres c. Total area= (a+b)=111.422 acres d. EWS area= 5.571 acres e. Area under master plan roads= 13.212 acres f. Reserved area= 3.116 acres g. Site area= 92.252 acres</p>		
2.	CLU and other Details	Permission for CLU has been granted for area of 108.58 acres falling in village Palheri, Tehsil Majrai, District SAS Nagar vide memo no. 2629CTP(PB).SP-432M dated 03.06.2016.		
3.	Processing Fee details (Amount/NEFT no./dated)	Amount Rs 52,205/- Ref No:183512003671 DD No: "004758" dated 13-12-2019. Additional amount Rs. 64,472/- UTR no. N334211731155303 through NEFT dated 30.11.2021.		
4.	Built up area details	Residential plots, Independent floors, Group Housing and EWS @ 394265.966 sqm. Commercial= 16968.469 sqm. Public Amenities= 55468.14 sqm. Total Built up area= 466702.58 sqm.		
5. Water Demand and wastewater generation details				
	S.no.	Description	Particulars	Unit
	1.	Total Water Requirement	1,813	KLD
	2.	Freshwater requirement	1,200	KLD
	3.	Flushing water demand	613	KLD
	4.	Wastewater Generation	1,450	KLD
	5.	Proposed STP Capacity	2 MLD (to be installed in 2 modules of 1000 KLD each based on SBR Technology)	MLD
	6.	Treated Water Available for Reuse	1,421	KLD
	7.	Green area water requirement	<ul style="list-style-type: none"> • Summer @ 5.5 l/sqm/day= 127 KLD • Winter @ 1.8 l/sqm/day= 42 KLD • Rainy @ 0.5 l/sqm/day= 12 KLD 	

	8.	Water balance details	<p>In summer season, out of total water requirement of 1813 KLD, fresh water demand meet through GMADA/Borewell @ 1200 KLD. The total wastewater generation shall be 1450 KLD, which shall be treated in a STP of capacity 2 MLD. Out of treated sewage of 1421 KLD, 613 KLD shall be utilized for flushing purposes, 127 KLD shall be used for horticulture purposes and remaining 681 KLD shall be utilized in the green belt out site the project/construction activities/disposed of to GMADA sewer.</p> <p>In winter season, out of total water requirement of 1813 KLD, fresh water demand meet through GMADA/Borewell @ 1200 KLD. The total wastewater generation shall be 1450 KLD, which shall be treated in a STP of capacity 2 MLD. Out of treated sewage of 1421 KLD, 613 KLD shall be utilized for flushing purposes, 42 KLD shall be used for horticulture purposes and remaining 766 KLD shall be utilized in the green belt out site the project/construction activities/disposed of to GMADA sewer.</p> <p>In rainy season, out of total water requirement of 1813 KLD, fresh water demand meet through GMADA/Borewell @ 1200 KLD. The total wastewater generation shall be 1450 KLD, which shall be treated in a STP of capacity 2 MLD. Out of treated sewage of 1421 KLD, 613 KLD shall be utilized for flushing purposes, 12 KLD shall be used for horticulture purposes and remaining 796 KLD shall be utilized in the green belt out site the project/construction activities/disposed of to GMADA sewer.</p>	
	9.	Rain Water Harvesting Potential	3,741 CUM of rainwater shall be collected and utilized for recharging of ground water.	

10.	Municipal Solid Waste Generation		5,472 kg/day will be generated from the residential, commercial and public amenities The biodegradable component of the solid waste shall be converted into manure using composters of size 2x 1000 kgs and 500 kg. The non-biodegradable component shall be handed over to the authorized rag pickers and domestic hazardous waste shall be disposed of as per the SWM rules 2016.
11.	Plantation details		4670 trees are proposed to be planted against the requirement of 4666 trees (1 tree per 80 sqm of plot area= 373330/80)

SEAC was satisfied with the above said ADS reply & by the presentation of the Project Proponent and took a copy of the same on record.

After detailed deliberations, SEAC decided to forward the application of the project proponent to SEIAA with the recommendation to grant Terms of References (ToR) for the establishment of new residential colony project namely "Suntec City ", located at village Palheri (H.B. no. 173), Tehsil- Kharar and Village Raihmanpur (H.B no. 172), Tehsil- Majri, District- SAS Nagar, New Chandigarh, Punjab with proposed built-up area as 466702.58 sqm, as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation /clarifications made by the project proponent and his consultant subject to the following conditions.

Standard TOR Conditions

1. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.

4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.
6. Submit the details of the trees to be felled for the project
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc. for compliance of environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
12. Examine soil characteristics and depth of ground water table for rainwater harvesting.
13. Examine details of solid waste generation treatment and its disposal.
14. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analyzed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.

17. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.
19. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
20. Baseline data should not be older than 3 years.
21. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
22. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
23. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
24. The project proponent shall make an assessment of ecological damage done and economic benefit derived due to violation and prepare remediation plan and natural & community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants. The collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under Environment (Protection) Act, 1986, or a environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment.

Item no. 212:03: Application for obtaining expansion in Environmental Clearance under EIA notification dated 14.09.2006 for the expansion of Residential Project namely "Prestige Tower" at Sector 74 A & 117, District SAS Nagar, (Punjab) by M/s Vera Developers Pvt. Ltd., (SIA/PB/MIS/244741/2021).

Earlier the project proponent was granted Environmental Clearance vide letter SEIAA/2018/223 dated 26.02.2018 for the project namely "Prestige Tower" located at Sector 74 A & 117, SAS Nagar. The said EC was granted for total plot area 14068 sqm and total built up area 32111 sqm having 305 no. flats.

Now, the project proponent has submitted an application for obtaining expansion in Environmental Clearance for the expansion of the earlier project. After expansion, the land area will be 15382 sqm and built-up area will increase by 12279 sqm and the total built up area will become 44390 sqm. Project is covered under Activity 8(a) & Category 'B2' as per EIA notification-2006. As per the new expansion proposal, the Project Proponent has proposed construction of 36 flats, sum up to 341 flats.

The project proponent submitted the Form I, 1A and other additional documents. They have also deposited the processing fee amounting to Rs. 88,780/- has been paid vide UTR No. N347211750472571 dated 13.12.2021 as verified by supporting staff of SEIAA.

The Project Proponent undertake that the information given in the application are true to the best of his knowledge & belief and no facts have been concealed thereof. Further, he is aware that in case, if any information submitted was found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at their risk and cost.

PPCB was requested to send the latest construction status report of the project through e-mail on 15.12.2021. Punjab Pollution Control Board vide letter no. 7539 dated 29.12.2021 has sent the latest construction status report with details as under:

- 1. The proposed site was visited by the officer of the Board on 16.12.2021.*
- 2. The status of construction of the project is as under:*

Sr. No.	Tower No.	Status of construction
<i>1</i>	<i>A</i>	<i>Structure work of Basement, Stilt and 5 Floors completed</i>
<i>2</i>	<i>C</i>	<i>Structure work of Basement, Stilt and 17 Floors completed</i>
<i>3</i>	<i>D</i>	<i>Basement and Stilt Roof Slab work completed</i>
<i>4</i>	<i>E</i>	<i>Basement and Stilt roof Slab completed</i>
<i>5</i>	<i>F</i>	<i>Structure work of Basement, Stilt and 17 floors completed</i>

3. *Each tower will have 17 floors as informed by the representative and each floor will have 4 flats. Only tower no. F will have a pent-house at 18th floor. The project proponent has started structural work of the 14th floor, 15th floor, 16th floor and 17th floor however earlier EC was awarded for construction of towers having S+13 floors configuration.*
4. *The project proponent has provided 1 borewell in the premises. No water meter has been provided over the borewell from where water is used for construction purpose. The project proponent is not using treated waste-water for construction in compliance with the condition of EC.*
5. *The project proponent has provided 10-15 labor quarters and around 50-55 labor lives there and a sales office exists at the site in which around 12-person work. The waste-water generated from 1 no. toilet in sales office and 3 no. labor toilets is disposed into soakage pit.*
6. *The concrete is brought from nearby project site of the project 'Lok Awas' which also belongs to the same developer.*
7. *The project proponent has provided 2 no. DG sets of capacity 62.5 KVA and 125 KVA. Both the DG sets were having canopy but the DG set of capacity 62.5 KVA was not having adequate stack height. The representative informed that the DG set of 125 KVA capacity is not being operated.*
8. *No work regarding construction of STP has been started.*
9. *No work for construction of rain water harvesting structure has been started.*
- 10.** *A common bio-medical waste treatment facility M/s Rainbow Environments Pvt. Ltd., Mohali is located at a distance of 1 Km from the project site. No As per the boundary limits shown by the representative, it was observed that there is no industry such as rice sheller/ saila plant/ brick kiln/ stone crushing/ screening cum washing unit/ hot mix plant/ cement unit etc. within a radius of 500 m. There is no air pollution industry within a radius of 100 m from the boundary of the project site and there is no MAH industry withing a radius of 250 m radius from the boundary of the proposed site. **Therefore, 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.***
11. *It is further intimated that no sewer line laid down by any authority near the project. However, the project proponent has not started any construction as well as any development work (w.r.t sewer line, electric line) at the site yet. The project proponent is required to submit a adequate proposal for the disposal of treated effluent as no sewer line is laid by the department concerned in the said area.*

Deliberations during 212th meeting of SEAC held on 10.01.2022.

The meeting was attended by the following:

1. Smt. Rajni Mehra, CEO, on behalf of Project Proponent.
2. Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali.
3. Sh. Deepak Gupta, Environmental Advisor.

The Environmental Consultant of the Project Proponent presented the salient features of the expansion proposal as under:

Sr . no	Item	Details
1.	Online Proposal No.	SIA/PB/MIS/244741/2021
2.	Name and Location of the project	"Prestige Tower" located at Sector 74 A & 117, SAS Nagar, Mohali.
3.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	8(a) category B2 as per schedule appended with EIA notification 14.09.2006.
4.	Whether the project is in critical polluted area or not.	No critical polluted area located within 20km radius of its project site.
5.	If the project involves diversion of forest land. If yes, a) Extent of the forest land. b) Status of the forest clearance.	No, a copy of an undertaking stating that the project does not require any clearance under Wildlife Protection Act, 1972 and Forest Conservation Act, 1980 submitted.
6.	a) Is the project covered under Punjab Land Preservation Act ,1900, if no but located near to PLPA area then the project proponent is required to submit NOC from the concerned DFO to the effect that project area does not fall under the provision of PLPA Act, 1900. b) Is the project covered under PLPA, 1900, if yes then Status of the NOC w.r.t PLPA,1900.	No, a copy of an undertaking stating that the project does not require any clearance under Wildlife Protection Act, 1972 and Forest Conservation Act, 1980 submitted.
7.	If the project falls within 10 km of Eco sensitive area/ National Park/Wild Life Sanctuary. If yes,	No, an undertaking that the project does not fall within eco-sensitive zone and distance of the same is more than 10 km submitted No

	a) Name of eco sensitive area/ National Park/Wild Life Sanctuary and distance from the project site. b) Status of clearance from National Board for Wild Life (NBWL).	No				
8.	Classification/Land use pattern as per Master Plan	Residential, as per the location of the project shown by the Project Proponent in the Zonal Development Plan, SAS Nagar.				
9.	Cost of the project	48 Crore				
10.	Total Plot area, Built up Area, Green area and Flats		Description	Old	New	total
			Land	14068 sqm	1314 sqm	15382 sqm
			Built-up Area	32111 Sqm	12279 sqm	44390 Sqm
			Green Area	2130	2142	4272 Sqm (27%
			Flats	305	36	341
11.	Area Breakup is given as under:					
			Sr. no.	Component	Number of Flats	Category
			1.	Block no. 1	69	3 BHK or 4 BHK
			2.	Block no. 2	68	3 BHK
			3.	Block no. 3	68	3 BHK
			4.	Block no. 4	68	3 BHK
			5.	Block no. 5	68	3 BHK
			*The aforementioned details are as per the Conceptual Plan submitted by the Project Proponent.			
12.	Population (when fully operational) Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):					
	No. of flats 341@5persons/flat	1705 persons Water consumption @ 135 ltr/person/day				230 M3/day
	Green area	4272@ 5.5 ltr/sqm				23 M3/day
	Total Water Requirement					253 M3/day
	Domestic water required					230 M3/day
	Total Flow of STP @ 80%	(Domestic water)			184 M3/day	
	Total domestic Water Requirement – 230 KLD					
	Total domestic Water Requirement, Wastewater generation and treatment details:					

Sr. No.	Season	Total Water Consumption (after taking 153 KLD as Fresh Water) (KLD)	Wastewater generation (KLD)	Treated Wastewater generation (KLD)	Reuse for Flushing (KLD)	Green Area requirement (KLD) (4272 sqm)	MC Sewer
1.	Summer	230	184	184	77	23	84
2.	Winter	230	184	184	77	06	101
3.	Rainy	230	184	184	77	02	105
<p><i>Total =184 KLD, which will be treated in the STP of capacity 270 KLD to be installed in the project premises.</i></p> <p><i>1. The project proponent has submitted a copy of the license issued in the name of M/s Bajwa Damni Developers vide license no. LDC2/2014, wherein it has mentioned that when ever the estate services like water supply, storm and sewerage system is laid in the periphery by GMADA or any authority, the license of the colony shall integrate the same with the services at is on expenses, as per the rule and with the prior permission of the authority.</i></p> <p><i>2. The Project Proponent has also submitted copy of land ownership document in the name of M/s Vera Developers for total land area of 3 acres and 8 marla.</i></p>							
13.	Source of Water		<ul style="list-style-type: none"> Treated waste water will be used in the construction (From GMADA STP) Recirculation of treated water. 				
14.	Rain water recharging detail		Rain water will be collected through recharging pits @ 4 no. pits (as mentioned in the conceptual plan) to recharge the rooftop rainwater of buildings after treatment through Oil & Grease Traps.				
15.	Solid waste generation and its disposal		<p>a) 682 kg/day (1705 @ 0.4 kg/capita/day)</p> <p>b) Solid wastes will be appropriately segregated (at source. By providing bins) into recyclable, Bio-degradable and non- biodegradable Components.</p>				
16.	Hazardous Waste & E-Waste		<p>1) Cat 5.1 Qty 50-100 ltr/annum</p> <p>Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed of as per the E-waste (Management) Amendment Rules, 2018.</p>				
17.	Details of plantation		<p>No. of tree to be planted against the requisite norms of 1 tree @ 80 sqm of total area.</p> <p>200 trees will be provided at project site.</p>				
18.	Energy Requirements & Saving		<p>a) 1900 KW from PSPCL.</p> <p>b) 2x 240 KVA, 1x500 KVA (DG Set)</p> <p>Saving measures:</p> <ul style="list-style-type: none"> Solar Light 15 No= 27 KWHD Common area (500) lights replaced with LED = 270 KWHD <p>Total Energy saved/day 27+270 = 297 KWHD</p>				

19.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	During construction phase, General Manager (Projects) and during operation phase, Director of the project will be responsible for the implementation of the EMP.			
		Sr. no	Description	Capital Cost (Rs. in Lacs)	Recurring cost (Rs. in Lacs)
		Construction Phase			
		1.	Medical Cum First Aid	0.50	1.0
		2.	Toilets for sanitation	2.0	1.0
		3.	Wind breaking curtains	7.0	2.50
		4.	Sprinklers for suppression of dust	3.0	2.50
		5.	Ambient Air Monitoring - every month	-	3
		6.	Drinking water every -month	-	2.40
		7.	Noise Level Monitoring - every month	-	0.50
		8.	Sewage Treatment Plant (270 KLD)	60	4.50
		9.	Solid Waste segregation & disposal	15	3.50
		10.	Green Belt including grass coverage	15	6.0
		11.	RWHP (4no. of pits)	3.0	1.0
12.	Environment Monitoring Plan Construction phase & Operation Phase	--	12.8		
	Total	105.5	40.7		

During meeting, SEAC perused the construction status report submitted by Punjab Pollution Control Board vide letter no. 7539 dated 29.12.2021 and observed that the Project Proponent has started the structural work of 14th, 15th, 16th & 17th floor however, the earlier Environmental Clearance was granted for construction of towers having S+13 floor configuration. Further, it was informed that the project proponent is not using treated wastewater for construction in compliance of EC condition. The wastewater generated from 1 No. toilet in sales office and 3 No. labour toilet is disposed of into sochage pit. The DG set of 62.5 KVA capacity was not having adequate stack height and no work regarding construction of STP and rain water harvesting structure has been started at site. Further, the project proponent is required submit adequate proposal for the disposal of treated effluent, as no sewer line is laid down by the any authority near the project.

Further, the Committee observed that the project proponent had submitted a copy of the license issued in the year 2014, in the name of M/s Bajwa Damni Developers vide license no. LDC2/2014, wherein it has mentioned that whenever the estate services like water supply, storm and sewerage system is laid in the periphery by GMADA or any authority, the licensee of the colony shall integrate the same with the services at its own expenses, as per the rule and with the prior permission of the authority.

SEAC observed that the permission letter of the Project Proponent was quite old and asked him to obtain the latest permission for discharging the treated wastewater into sewer from the competent authority.

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

1. Latest permission letter for discharging treated wastewater into sewer from the competent authority.
2. The Project Proponent shall submit the point wise reply of the following observations raised by the Punjab Pollution Control Board vide letter no. 7539 dated 29.12.2021.

(i) The project proponent has started structural work of the 14th floor, 15th floor, 16th floor and 17th floor, however earlier EC was awarded for construction of towers having S+13 floors configuration. The Project Proponent shall submit Tower-wise (A to F) percentage completion of construction in the following table:

Tower No.	As per approved EC		% Completion of construction as on date		Remarks
	Built up area (sqm)	No. of floors (S+13)	Built up area (sqm)	No. of floors	
A					
C					
D					
E					
F					

- (i) No water meter has been provided over the borewell for abstraction of ground water for construction purpose.
- (ii) The project proponent is not using treated waste-water for construction in compliance of EC condition.
- (iii) Waste-water generated from 1 No. toilet in Sales Office and 3 No. labor toilets is disposed of into soakage pit.

- (iv) Inadequate stack height of DG set of capacity 62.5 KVA.
- (v) No work regarding construction of STP has been started.
- (vi) No work regarding construction of rain water harvesting structure has been started.
- (vii) Adequate proposal for the disposal of treated effluent, as no sewer line is laid by any authority near the project site.

Item no. 212:04: Application for Environmental Clearance under EIA notification dated 14.09.2006 for the commercial project namely "Amayra Emporio" at Village Dau Majra, Kharar, SAS Nagar (Punjab) by M/s Omni Pacific Colonizers (P) Ltd., (SIA/PB/MIS/235981/2021).

The project proponent has submitted an application for obtaining Environment Clearance under EIA Notification, 2006 for the establishment of commercial project namely "Amayra Emporio" at Village Dau Majra, Kharar, SAS Nagar, Punjab with proposed built-up area of 39918 Sqm and total project area of 25457.51 Sqm. Project is covered under Activity 8(a) & Category 'B2' as per EIA notification-2006.

The Project Proponent proposes to construct 82 showrooms at lower ground floor, upper ground floor, first floor and second floor, which sums upto 328 no. of showrooms. Further, there is a proposal to construct 22 showrooms at lower ground floor and upper ground floor, which sums upto 44 no. of showrooms. Furthermore, the Project Proponent proposed to construct 26 no. of shops and one drive through at lower ground floor. Furthermore, the Project Proponent proposed to construct the separate building block comprising of 45 no. of rooms.

The project proponent submitted the Form 1, 1A and other additional documents. They have also deposited the processing fee amounting to Rs. 79,836/- paid vide Transaction Reference No.530751989 dated 25.10.2021 as verified by supporting staff SEIAA.

The Project Proponent undertake that the information given in the application are true to the best of his knowledge & belief and no facts have been concealed thereof. Further, he is aware that in case, if any information submitted was found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at their risk and cost.

PPCB was requested to send the latest construction status report of the project through e-mail on 22.11.2021. Punjab Pollution Control Board vide letter no. 7420 dated 27.12.2021 has sent the latest construction status report with details as under:

The proposed site of the subject cited project was visited by AEE of this office on 10/12/2021 and the point wise reply of the comments sought by SEIAA relating to the proposal of the subject cited industry, is given as under:

<i>Sr. No.</i>	<i>Report of point sought by SEIAA</i>	<i>Remarks</i>
<i>1</i>	<i>Construction status of the proposal project</i>	<i>1. The proposed site is located on left side of Kharar to Kurali highway (NH-21), in the revenue estate of village Daumajra, Tehsil Kharar, Distt. SAS Nagar. 2. The GPS coordinates of the site are 30.4609.45, 76.3724.18.</i>

		<p>3. The Project Proponent has completed construction work of three side of the boundary wall of the project with bricks.</p> <p>4. No construction activity has been started at the site.</p>
2	<p>Status of physical structures within 500 m radius of the site including the status of industries, drain, river, eco sensitive structure, if any.</p>	<p>The following units are located within 500 m radius of the unit:</p> <p>1. No rice sheller/stone crusher/ hot mix plant/ brick kiln exists within 500 mtr from the proposed site.</p> <p>2. There is no jaggery, petroleum outlet exists within 100 mtr of the site.</p> <p>3. There is one pesticide formulation unit exist which is more than 300 mtr from the site.</p> <p>4. There is no drain/ nallah/ choe exist within 500 mtr of the site.</p> <p>5. There is no eco-construction within 500 mtr of the site.</p>
3	<p>Whether the site meets with the prescribed criteria for setting up of such projects.</p>	<p>The proposed site is complying with the sitting guidelines framed by the Government of Punjab for such proponent.</p>

*It is further intimated that no sewer line laid down by any authority near the project. However, **the project proponent has not started any construction as well as any development work** (w.r.t sewer line, electric line) at the site yet. **The project proponent is required to submit an adequate proposal for the disposal of treated effluent as no sewer line is laid by the department concerned in the said area.***

1.0 Deliberations during 212th meeting of SEAC held on 10.01.2022.

The meeting was attended by the following:

1. Sh. Tejinder Garg, Director.
2. Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali.
3. Sh. Deepak Gupta, Environmental Advisor.

The Environmental Consultant of the Project Proponent presented the salient features of the proposal as under:

Sr. no	Item	Details
1.	Online Proposal No.	SIA/PB/MIS/235981/2021
2.	Name and Location of the project	"Amayra Emporio" located at Village Dau Majra, Kharar, SAS Nagar, Punjab
3.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	8 a category B2 as per schedule appended with EIA notification 14.09.2006.

4.	Whether the project is in critical polluted area or not.	No				
5.	Details of the Proposal	Sr. No.	Category	Floor	Number	Total
		1.	Commercial Showrooms	LGF, UGF, FF & SF	82	328
		2.	Commercial Showrooms	LGF & UGF	22	44
		3.	Shops	LGF	26	26
		4.	Drive through	LGF	1	1
		5.	Hotel	Separate building block	45 rooms	45 rooms
6.	If the project involves diversion of forest land. If yes, c) Extent of the forest land. d) Status of the forest clearance.	No, a copy of an undertaking stating that the project does not require any clearance under Wildlife Protection Act, 1972 and Forest Conservation Act, 1980 submitted.				
7.	a) Is the project covered under Punjab Land Preservation Act ,1900, if no but located near to PLPA area then the project proponent is required to submit NOC from the concerned DFO to the effect that project area does not fall under the provision of PLPA Act, 1900. b) Is the project covered under PLPA, 1900, if yes then Status of the NOC w.r.t PLPA,1900.	No, a copy of an undertaking stating that the project does not require any clearance under Wildlife Protection Act, 1972 submitted. Further, the project proponent has applied for Forest Clearance for Approach Access on 08.01.2022 and submitted a copy of the same.				
8.	If the project falls within 10 km of Eco sensitive area/ National Park/Wild Life Sanctuary. If yes, c) Name of eco sensitive area/ National Park/Wild Life Sanctuary and distance from the project site.	The site of the project is located at a distance of around 17Km from the nearest eco-sensitive area i.e. Sukhna Wild Life Sanctuary.				

	d) Status of clearance from National Board for Wild Life (NBWL).							
9.	Classification/Land use pattern as per Master Plan	Commercial, permission for Change of Land Use for total land area of 25457.51 sqm, located at Village Daun majra, Kharar granted for commercial use by Smt. Pooja Sayal vide memo no. PB/CLU/SAS/Khara/1118 dated 17.09.2021.						
10.	Cost of the project	48 Crore						
11.	Total Plot area, Built up Area and Green area	Description	Area in Sqm					
		Land	25362 sqm					
		Built-up Area	33918 Sqm					
		Green Area	3578 Sqm					
12.	Population (when fully operational) Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):							
	Built up area on LG and UG= 16435 Sqm	1 person/10 sqm = 1643 persons	---					
	Built up area on 1st & 2nd floor = 14204 Sqm	1 person/6 sqm = 2367 persons						
	Total Population	4010 Persons						
	90% of the population	3609 persons @ 15lt/person	54 M3/day					
	10% of the population	401 persons @ 45lt/person	18 M3/day					
	Hotel rooms 45 @1.5 /person /room	67 @175ltr / person	11 M3/day					
	Green area	3578 sqm @ 5.5 ltr/sqm	20 M3/day					
	Total water required		103 M3/day					
	Total consumption of domestic water		83 M3/day					
	Total Discharge @ 80% to STP		66 M3/day					
	Outlet of STP @90 % of the total in to STP		59 M3/day					
	Total domestic Water Requirement – 103 KLD							
	Sr. No.	Season	Total Water Consumption (KLD)	Wastewater generation (KLD)	Treated Wastewater generation (KLD)	Reuse for Flushing (KLD)	Green Area requirement (KLD)	Construction purpose (KLD)
	1.	Summer	83	66	59	50	9	0
	2.	Winter	83	66	59	50	6	3
	3.	Rainy	83	66	59	50	2	7
13.	Source of Water	Treated waste water will be used in the construction (From nearby project STP)						

		Further, to cater the needs of water for operation phase, the water shall be abstracted from the ground and necessary permission shall be taken. He further stated that he will apply for permission from CGWA.																																				
14.	Disposal Arrangement of Waste water in Operation Phase	Total =66 KLD, which will be treated in the STP of capacity 75 KLD to be installed in the project premises. <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Season</th> <th>For Flushing purposes (KLD)</th> <th>Green Area sqm (KLD)</th> <th>MC Sewer if any (KLD)</th> <th>Construction purpose (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>50</td> <td>09</td> <td>--</td> <td>0</td> </tr> <tr> <td>2.</td> <td>Winter</td> <td>50</td> <td>6</td> <td>--</td> <td>3</td> </tr> <tr> <td>3.</td> <td>Rainy</td> <td>50</td> <td>2</td> <td>--</td> <td>7</td> </tr> </tbody> </table>	Sr. No.	Season	For Flushing purposes (KLD)	Green Area sqm (KLD)	MC Sewer if any (KLD)	Construction purpose (KLD)	1.	Summer	50	09	--	0	2.	Winter	50	6	--	3	3.	Rainy	50	2	--	7												
Sr. No.	Season	For Flushing purposes (KLD)	Green Area sqm (KLD)	MC Sewer if any (KLD)	Construction purpose (KLD)																																	
1.	Summer	50	09	--	0																																	
2.	Winter	50	6	--	3																																	
3.	Rainy	50	2	--	7																																	
15.	Rain water recharging detail	Rain water will be collected through recharging pits @ 8no. pits (as mentioned in the conceptual plan) to recharge the rooftop rainwater of buildings after treatment through Oil & Grease Traps.																																				
16.	Solid waste generation and its disposal	a) 829 kg/day b) Solid wastes will be appropriately segregated (at source. by providing bins) into recyclable, Bio-degradable and non-biodegradable Components.																																				
17.	Hazardous Waste & E-Waste	E-waste shall sold out to the approved vendors and used oil & battery shall be sold out to the approved recyclers.																																				
18.	Energy Requirements & Saving	a) 3000 KW from PSPCL. b) 2x 240 KVA, 1x500 KVA (DG Set) Saving measures: <ul style="list-style-type: none"> Solar Light 12 No= 18 KWHD Common area (300) lights replaced with LED = 162 KWHD Total Energy saved/day 18+162= 180 KWHD																																				
19.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	During construction phase & operation phase, General Manager (Projects) will be responsible for the implementation of the EMP. <table border="1"> <thead> <tr> <th>Sr. no</th> <th>Description</th> <th>Capital Cost (Rs. in Lacs)</th> <th>Recurring cost (Rs. in Lacs)</th> </tr> </thead> <tbody> <tr> <td colspan="4">Construction Phase</td> </tr> <tr> <td>1.</td> <td>Medical Cum First Aid</td> <td>0.5</td> <td>1.0</td> </tr> <tr> <td>2.</td> <td>Toilets for sanitation</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>3.</td> <td>Wind breaking curtains</td> <td>9.0</td> <td>3.0</td> </tr> <tr> <td>4.</td> <td>Sprinklers for suppression of dust</td> <td>3.0</td> <td>3.0</td> </tr> <tr> <td>5.</td> <td>Ambient Air Monitoring - every month</td> <td>--</td> <td>3</td> </tr> <tr> <td>6.</td> <td>Drinking water every - month</td> <td>-</td> <td>2.4</td> </tr> <tr> <td>7.</td> <td>Noise Level Monitoring - every month</td> <td>--</td> <td>0.5</td> </tr> </tbody> </table>	Sr. no	Description	Capital Cost (Rs. in Lacs)	Recurring cost (Rs. in Lacs)	Construction Phase				1.	Medical Cum First Aid	0.5	1.0	2.	Toilets for sanitation	2.0	1.0	3.	Wind breaking curtains	9.0	3.0	4.	Sprinklers for suppression of dust	3.0	3.0	5.	Ambient Air Monitoring - every month	--	3	6.	Drinking water every - month	-	2.4	7.	Noise Level Monitoring - every month	--	0.5
Sr. no	Description	Capital Cost (Rs. in Lacs)	Recurring cost (Rs. in Lacs)																																			
Construction Phase																																						
1.	Medical Cum First Aid	0.5	1.0																																			
2.	Toilets for sanitation	2.0	1.0																																			
3.	Wind breaking curtains	9.0	3.0																																			
4.	Sprinklers for suppression of dust	3.0	3.0																																			
5.	Ambient Air Monitoring - every month	--	3																																			
6.	Drinking water every - month	-	2.4																																			
7.	Noise Level Monitoring - every month	--	0.5																																			

8.	Sewage Treatment Plant (75 KLD)	25	--
9.	Solid Waste segregation & disposal	4.0	--
10.	Green Belt including grass coverage	9.0	--
11.	RWHP (8 no. of pits)	6.0	--
Total		58.5	13.9
Operation Phase			
1.	Sewage Treatment Plant	--	4.5
2.	Solid Waste segregation & disposal	--	2.5
3.	Green Belt including grass coverage	--	3.0
4.	RWHP (8 no. of pits)	--	0.5
5.	Ambient Air Monitoring - every 3 months	--	3.0
6.	Noise Level Monitoring - every 3 months	--	0.5
7.	Treated Effluent Monitoring – every Month	--	1.0
8.	Drinking water	--	2.4
Total		--	17.4

During meeting, the project proponent, on the observation of SEAC, submitted the revised water balance and acknowledgement of application submitted to PWRDA for abstraction of ground water and the same has been taken on record.

The Project Proponent informed the Committee that no excess treated wastewater will be generated from the project in summer, 11 KLD & 15 KLD of excess treated wastewater will be generated in winter & rainy season respectively which will be used in the near by construction projects. Keeping the size of the project in view, the SEAC was not satisfied with the reply given by the project proponent.

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

- (i) The project proponent shall submit concrete proposal for utilization/ disposal of excess treated wastewater generated from the project.

- (ii) The project proponent shall submit the drawing of the rainwater harvesting pits to be constructed for recharging of the groundwater.
- (iii) The Project Proponent shall submit the environmentally sound technique for treatment and disposal of organic solid waste within the project.

Item No. 212:05 Application for issuance of TORs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of the existing Steel Manufacturing unit namely "SG Multimetals" located at village Bhadla, Khanna, Distt. Ludhiana, Punjab by M/s SG Multimetals (SIA/PB/IND/36219/2019).

The Project Proponent has applied for issuance of ToR for proposed expansion of existing Steel Manufacturing unit for increasing the capacity to 2,00,000 TPA at village Bhadla, Khanna, Distt. Ludhiana, Punjab. The project is covered under activity 3(a) & Category 'B1' as per EIA Notification, 2006. The cost of the project after expansion Rs. 2607.55 lacs.

The project proponent has submitted the Form I, Pre-feasibility report and other additional documents on online portal. He had also deposited the requisite fee amounting Rs. 65,190/- through UTR no. BARB221352001836 dated 18.12.2021, as verified by supporting staff SEIAA. The Project Proponent has deposited 25% of the total fee prescribed for the Environmental Clearance being at ToR stage and the remaining 75% of the fee i.e., Rs. 1,95,525/- will be paid at the time of applying for Environmental Clearance.

The project proponent submitted an undertaking that the project site does not cover under the Forest Conservation Act, 1980 or Punjab Land Preservation Act, 1900, Wildlife area under Wildlife (Protection) Act, 1972. Further, the Project Proponent undertake that no litigation against the project is pending in any Court of Law. The project site neither fall in Eco-sensitive Zone nor in the boundary of critical polluted area.

The Project Proponent undertake that the information given in the application are true to the best of his knowledge & belief and no facts have been concealed thereof. Further, he is aware that in case, if any information submitted was found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at their risk and cost.

Deliberations during 212th meeting of SEAC held on 10.01.2022.

The meeting was attended by the following:

- (i) Sh. Dinesh Singla, Partner, on behalf of the Project Proponent.
- (ii) Dr. Sandeep Garg, M/s Eco Laboratories & Consultant Pvt. Ltd, Environmental Consultant of the Promoter Company.
- (iii) Ms. Priyanka Madan, M/s Eco Laboratories & Consultant Pvt. Ltd Environment Consultant of the project proponent.

The Environmental Consultant of the Project Proponent presented the salient features of the proposal as under:

Sr. no.	Item	Details
1.	Name, location and proposal for the project	Expansion of the existing Steel Manufacturing Unit "S G Multimetals" located at Village Bhadla, Tehsil Khanna, Distt. Ludhiana, Punjab for increasing the production capacity to 2,00,000 TPA.
2.	Project/activity	Category "B", Project or Activity '3(a)' Metallurgical Industries (Ferrous & Non Ferrous)
3.	Whether the project is in critically polluted area or not.	The critically polluted area is Ludhiana, which is located at a distance of 41 Km from the project site.
4.	If the project involves diversion of forest land. If yes, Extent of the forest land. Status of the forest clearance.	No, undertaking in this regard submitted.
5.	Is the project covered under PLPA, 1900, if No but located near to PLPA area then the project proponent is required to submit NOC from the concerned DFO to the effect that project area does not fall under the provision of PLPA Act, 1900. Is the project covered under PLPA, 1900, if yes then Status of the NOC w.r.t PLPA, 1900.	No, undertaking in this regard submitted.
6.	If the project falls within 10 km of Eco sensitive area/ National park/Wild Life Sanctuary. If yes, Name of Eco sensitive area/ National park/Wild Life Sanctuary and distance from the project site.	Not applicable, as no wild life sanctuary falls within 10 Km of project location. Thus no NBWL permission required.

	Status of clearance from National Board for Wild Life (NBWL).																															
7.	Classification/Land use pattern as per Master Plan	The project falls in industrial zone as per the master plan of Khanna, Ludhiana. Further, consent to Operate under provisions of Water Act 1974 & Air Act 1981 granted by Punjab Pollution Control Board, for manufacturing of ingots, concast billets (Caster) or rolled products (round, Square, Girder, Channel, Flat etc) @ 84 TPD, valid upto 30.09.2024 and 30.09.2023 respectively.																														
8.	Cost of the project	Existing project cost: Rs. 11.6755 Crores Proposed Cost: Rs. 14.40 Crores Total Cost after expansion: Rs. 26.0755 Crores.																														
9.	Area details	<p>The breakup of the project area is given below:</p> <table border="1"> <thead> <tr> <th>S No.</th> <th>Description</th> <th>Area (Sqm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Existing Shed Covered Area</td> <td>5325.27</td> </tr> <tr> <td>2</td> <td>Office Block Covered Area</td> <td>116.17</td> </tr> <tr> <td>3</td> <td>Green Area</td> <td>5390.33</td> </tr> <tr> <td>4</td> <td>Road (Passage) Area</td> <td>3252.78</td> </tr> <tr> <td>5</td> <td>Parking Area</td> <td>663.28</td> </tr> <tr> <td>6</td> <td>Proposed Shed Covered Area</td> <td>244.42</td> </tr> <tr> <td>7</td> <td>Grid and other open area</td> <td>1057.89</td> </tr> <tr> <td>8</td> <td>Other covered areas</td> <td>260.22</td> </tr> <tr> <td colspan="2">Total Area</td> <td>16,310.36 Sqm (4.0302 Acres)</td> </tr> </tbody> </table>	S No.	Description	Area (Sqm)	1	Existing Shed Covered Area	5325.27	2	Office Block Covered Area	116.17	3	Green Area	5390.33	4	Road (Passage) Area	3252.78	5	Parking Area	663.28	6	Proposed Shed Covered Area	244.42	7	Grid and other open area	1057.89	8	Other covered areas	260.22	Total Area		16,310.36 Sqm (4.0302 Acres)
S No.	Description	Area (Sqm)																														
1	Existing Shed Covered Area	5325.27																														
2	Office Block Covered Area	116.17																														
3	Green Area	5390.33																														
4	Road (Passage) Area	3252.78																														
5	Parking Area	663.28																														
6	Proposed Shed Covered Area	244.42																														
7	Grid and other open area	1057.89																														
8	Other covered areas	260.22																														
Total Area		16,310.36 Sqm (4.0302 Acres)																														
10	Population (when fully operational)	Existing workers: 90 workers; out of which 20 are residing within project premises. Additional required: 160 workers Total number of workers after expansion: 250 workers; out of which 30 will be residing within project premises.																														
11	Water Requirements & source in Construction Phase	During construction period, a water demand of 3 KLD may be there. This will include domestic demand for 20 workers during peak period @ 1 KLD.																														

12	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):		Existing water requirement of the project is 25 KLD. After expansion, will be 71 KLD meet through borewells (Nos. 3).						
13	S. No.	Season	Fresh water			Reuse water			Total (KLD)
			Domestic (KLD)	Cooling water demand (KLD)	Green area (KLD)	For Flushing purposes (KLD)	Cooling water demand (KLD)	HVAC (KLD)	
	1	Summer	14	16.5	30	0	10.5	0	71
	2	Winter	14	16.5	10	0	10.5	0	51
3	Rainy	14	16.5	3	0	10.5	0	44	
14	Treatment & Disposal arrangements of wastewater in Construction Phase		Existing Septic Tank						
15	Details of Production capacity and products		Sr. No.	Product Name	Existing (TPA)	Additional (TPA)	Total After expansion (TPA)		
			1.	Ingots/Concast Billets or Rolled products (Round Square, Girder,	84 TPD (29,400 TPA)	170600 TPA	2,00,000 TPA		
16	Details of Machinery		Sr. no	Equipment's / Machinery	Existing	Proposed	Total		
			1.	Induction Furnace	1 (replacement Of existing furnace)	1	2		
			2.	Rolling Mill	1	-	1		
			3.	Pipe Plant	-	1	1		
			4.	Reheating Furnace	-	1	1		

17	Disposal Arrangement of Wastewater in Operation Phase	5 KLD of domestic wastewater is being generated from the existing unit which is being treated in the septic tank. After expansion, total wastewater generated from the unit will be 11 KLD; which will be treated in proposed STP of capacity 15 KLD to be installed within project premises.
18	Rain water recharging detail	No internal rain water recharging pits has been proposed. Thus, rain water recharging will be done outside the project premises by adopting pond. NOC will be obtained from Sarpanch of the Village regarding pond adoption
19	Solid waste generation and its disposal	a) Approx. 22 kg/day of domestic solid waste is being generated from the existing project & after expansion approx. 56 kg/day of domestic waste will be generated, which will be properly collected and segregated into biodegradable and non-biodegradable waste. Solid waste will be disposed off as per Solid Waste Management Rules, 2016. b) 3 TPD of slag is being generated from existing industrial unit which is disposed off in low lying areas for landfill. After expansion, the quantity of slag is estimated to be 18 TPD, which will be which will be given to tiles/ block manufacturing unit for co-processing.

20.	Hazardous Waste & E- Waste	<p>The details of the hazardous waste generated from the existing industrial unit and after expansion is given below:</p> <table border="1" data-bbox="686 279 1424 516"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>Existing</th> <th>After Expansion</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Cat 5.1 Qty (used oil)</td> <td>0.02 KL/annum</td> <td>0.6 KL/annum</td> </tr> <tr> <td>2.</td> <td>Cat 35.1 Qty (APCD dust)</td> <td>105 T/Annum (0.3 TPD)</td> <td>1.5 TPD</td> </tr> </tbody> </table> <p>Authorization of hazardous waste has been obtained from PPCB. Agreement has been done with M/s Madhav Alloys Pvt. Ltd. for disposal of Hazardous waste. Used oil given to authorized vendor. E-waste generated will be disposed off as per E-waste (Management) Amendment Rules, 2018.</p>	S. No.	Description	Existing	After Expansion	1.	Cat 5.1 Qty (used oil)	0.02 KL/annum	0.6 KL/annum	2.	Cat 35.1 Qty (APCD dust)	105 T/Annum (0.3 TPD)	1.5 TPD
S. No.	Description	Existing	After Expansion											
1.	Cat 5.1 Qty (used oil)	0.02 KL/annum	0.6 KL/annum											
2.	Cat 35.1 Qty (APCD dust)	105 T/Annum (0.3 TPD)	1.5 TPD											
21.	Energy Requirements & Saving	<p>Existing & after expansion energy requirement details is given below:</p> <table border="1" data-bbox="686 972 1424 1203"> <thead> <tr> <th>Sr. No.</th> <th>Description</th> <th>Existing</th> <th>After Expansion</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Power load</td> <td>4,000 KW</td> <td>20,000 KW</td> </tr> <tr> <td>2.</td> <td>D.G sets</td> <td>1 D.G set of 250 KVA</td> <td>1 DG set of capacity 500 KVA & 1 DG set of 250 KVA</td> </tr> </tbody> </table> <p>Source of Power: PSPCL</p> <p>Energy Saving measures to be adopted:</p> <p>a) LEDs used in place of CFL b) Energy efficient Induction Furnaces and other machinery will be installed.</p>	Sr. No.	Description	Existing	After Expansion	1.	Power load	4,000 KW	20,000 KW	2.	D.G sets	1 D.G set of 250 KVA	1 DG set of capacity 500 KVA & 1 DG set of 250 KVA
Sr. No.	Description	Existing	After Expansion											
1.	Power load	4,000 KW	20,000 KW											
2.	D.G sets	1 D.G set of 250 KVA	1 DG set of capacity 500 KVA & 1 DG set of 250 KVA											
22.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	<p>During construction phase, Rs. 115 lakhs will be spent on EMP. During operation phase, 11 lakhs as recurring cost will be spent for implementation of the EMP.</p> <table border="1" data-bbox="691 1619 1419 1835"> <thead> <tr> <th>Description</th> <th>Capital cost (lakhs)</th> <th>Recurring cost (lakhs)</th> <th>Monitoring of Air, Noise, water (lakhs per annum)</th> </tr> </thead> <tbody> <tr> <td>Construction</td> <td>115</td> <td>-</td> <td>3</td> </tr> <tr> <td>Operation</td> <td>-</td> <td>16</td> <td>5</td> </tr> </tbody> </table>	Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, water (lakhs per annum)	Construction	115	-	3	Operation	-	16	5
Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, water (lakhs per annum)											
Construction	115	-	3											
Operation	-	16	5											

23.	CER activities along with budgetary break up and responsibility to implement	No separate CER activities has been proposed as EMP is part of CER. Further, the issues raised during public hearing will be undertaken as CER activities.
24.	Other important facts (Applicable to EC projects only)	The project falls outside of the Municipal limits.

SEAC was satisfied with the presentation given by the Project Proponent and took a copy of the same on record.

After detailed deliberations, SEAC decided to forward the application of the project proponent to SEIAA with the recommendation to grant Terms of References (ToR) for the carrying out proposed expansion of existing Steel Manufacturing unit for increasing the capacity from 29,400 TPA to 2,00,000 TPA at village Bhadla, Khanna, Distt. Ludhiana, Punjab, as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation /clarifications made by the project proponent and his consultant subject to the following conditions.

Standard TOR Conditions:

1. Executive Summary

2. Introduction

- i. Details of the EIA Consultant including NABET accreditation.
- ii. Information about the project proponent.
- iii. Importance and benefits of the project.

3. Project Description

- i. Cost of project and time of completion.
- ii. Products with capacities for the proposed project.
- iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- iv. List of raw materials required and their source along with mode of transportation.

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

4. Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places).
- iii. Details w.r.t. option analysis for selection of site.

- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Landuse break-up of total land of the project site (identified and acquired), government/ private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included (not required for industrial area).
- viii. A list of major industries with name and type within study area (10 km radius) shall be incorporated. Land use details of the study area.
- ix. Geological features and Geo-hydrological status of the study area shall be included.
- x. Details of Drainage of the project upto 5 km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects).
- xi. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xii. R&R details in respect of land in line with state Government policy.
- xiii. Landuse break-up of total land of the project site (identified and acquired), government/ private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included (not required for industrial area).

5. Forest and wildlife related issues (if applicable)

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department (if applicable).

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

6. Environmental Status

- i. Determination of atmospheric inversion level at project site & site-specific micro- meteorological data using temperature, relative humidity, hourly wind speed, direction & rainfall.
- ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
- iii. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden

showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.

- iv. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.

7. Impact and Environment Management Plan

- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- ii. Water Quality modelling - in case of discharge in water body.
- iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
- iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
- v. Details of stack emission and action plan for control of emissions to meet standards.

- vi. Measures for fugitive emission control.
- vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- xii. Action plan for post-project environmental monitoring shall be submitted.
- xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

8. Occupational health

- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.

- ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
- iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved.
- iv. Annual report of health status of workers with special reference to Occupational Health and Safety.

9. Corporate Environment Policy

- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
- ii. Does the Environment Policy prescribe for standard operating process/ procedures to bring into focus any infringement/ deviation/ violation of the environmental or forest norms/ conditions? If so, it may be detailed in the EIA.
- iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
- iv. Does the company have system of reporting of non compliances/ violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report.

10. Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as

well as to the casual workers including truck drivers during operation phase.

11. Baseline data should not be older than 3 years.

12. Enterprise Social Commitment (ESC)

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

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

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

Item No. 212.06: Application for Environment Clearance under EIA notification dated 14.09.2006 for Manufacturing of Active Pharmaceuticals Ingredients (API), herbal extracts and Drug Intermediates by M/s Sarv Bio Pharma Pvt. Ltd, located at village Lalru, Tehsil Dera Bassi, District SAS Nagar, Punjab, (Proposal No. SIA/PB/IND2/207127/2021).

The industry has proposed to establish Pharmaceutical unit at village Lalru, Tehsil Dera Bassi, District SAS Nagar, for manufacturing of Herbal extracts, Active Pharmaceutical Ingredients (APIs) and Drug Intermediates with a production capacity of 26.33 MTA/A in an area of 7 acres. The capital investment of the project is Rs. 4596.84 lacs, which include cost of land, building and plant & machinery. The proposed project aims to manufacture 21 products of Herbal extracts, APIs, Drug Intermediates.

The Project is covered under Schedule 5(f) & Category 'B2' as per EIA Notification, 2006. in light of O.M dated 27.03.2020, 15.10.2020, & 16.07.2021. In the latest OM dated 16.07.2021, it has been mentioned as under:

"All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API), received from 16th July, 2021 to 31st December, 2021, shall be appraised, as Category 'B2' projects, provided that any subsequent amendment or expansion or change in product mix, after the 31st December, 2021, shall be considered as per the provisions in force at that time."

Since, the project has applied for obtaining Environmental Clearance on 30.03.2021, the project can be considered as B2 category project.

The Project Proponent undertake that the information given in the application are true to the best of his knowledge & belief and no facts have been concealed thereof. Further, he is aware that in case, if any information submitted was found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at their risk and cost.

Furthermore, PPCB was requested to send the latest construction status report of the project through e-mail on 04.10.2021. Punjab Pollution Control Board vide letter no. 6502 dated 18.11.2021 has sent the latest construction status report with details as under:

In above reference, it is intimated that the proposed site was visited by the officer of the Board on 12.10.2021 and the construction status report of the project namely "Sarv Bio Pharma Private Limited " at Village Kolimajra, P.O Lalru, Tehsil Derabassi , District SAS Nagar is as under:

Sr.no.	Report of point sought by SEIAA	Remarks
1.	<i>Construction Status of the proposal.</i>	<ol style="list-style-type: none"> 1. The site of the proposed unit is located in the revenue estate of village Kolimajra, Lalru, Tehsil Derabassi, Distt. SAS Nagar. 2. The GPS coordinates of the site are 30.4831490, 76.8295970. 3. Lot of construction rubble was observed at site. 4. The representative informed that the shed and other construction had existed at this site since long, as the site/shed were earlier developed by M/s. Microyarns Flocks Pvt. Ltd. and the same had been demolished by the unit. 5. The unit has not constructed boundary wall around its proposed site. 6. No machinery has currently been installed at site.
2.	<i>Status of physical structures within 500 m radius of the site including the status of industries, drain, river, eco sensitive structure, if any.</i>	<p>The following units are located within 500 m radius of the unit:</p> <ol style="list-style-type: none"> 1. There exists one existing industry M/s ECO GENIC SOLUTION PVT. LTD. on the south side of the unit. 2. Two no. industrial shed on the west side of the unit, which seems to be not operation. 3. Further, there exists one BKO within 500 m radius of the unit. 4. Also, one Education institution M/s Universal Group of Institutions (UGI) is located within at distance of around 400 m form the unit. 5. Further, there exists one worship place of Naugja Peer Baba at distance of around 350 m form the unit. 6. Also, it was checked from the Google map and observed that some area of village Ballopur (residences) might be located within 500m radius of the unit. 7. No major drain/river/water body is located within 500m radius of the unit.

3.	<p><i>Whether the site meets with the prescribed criteria for setting up of such projects.</i></p>	<p><i>It is worth to mention here that no specific siting guidelines has been issued by the Board for Pharmaceutical units, however, the general siting guidelines are applicable on All Red/Orange/Green category of industries, which are be established in the areas / Zone other than designated/ approved areas such as Industrial Area/Industrial Estate/ Industrial Focal Point/ Approved Industrial Park/Industrial Zone of the statutory/non-statutory Master Plans, as per the policy of the Board dated 30.4.2013; according to which such units will be allowed to set up at a distance of 100m outsides the Municipal Council Limits / phirni of Village /designated residential area /residential area comprising of 15 pucca house by the Competent Authority of the State. In such cases, certificate of its location /situation from the nearest village lal lakir/phirni/MC limits from the Revenue Authorities such as Deputy Commissioner/Additional Deputy Commissioner or the Sub-Divisional Magistrate will be required for grant to consent of establish (NOC)/authorization by the Board.</i></p> <p><i>The industry is required to get the certificate of its location/situation form the nearest village lal lakir/ phirni /MC Limits form he Revenue Authorities such as Deputy Commissioner/Additional Deputy Commissioner or the Sub-Divisonal Magistrate, proposed site is located more than 100 m form the lal lakir/Phirni of nearest village</i></p>
----	--	--

Deliberations during 212th meeting of SEAC held on 10.01.2022.

The meeting was attended by the following:

1. Harinder Singh, Site Head, on behalf of Project Proponent.
2. Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali.

The Environmental Consultant of the Project Proponent presented the salient features of the proposal as under:

1.	Name of the project:	M/s Sarv Bio Pharma Private Limited Village Lalru, Tehsil – Dera Bassi, District - Sahibzada Ajit Singh Nagar, Punjab.	
2.	Online Proposal No.	SIA/PB/IND2/207127/2021	
3.	Nature of project (EC for new project/EC for Expansion/ EC for existing & proposed project)	Environment Clearance for new project for establishment of Pharmaceutical unit.	
4.	Land details	Total land available with the industry is 28985.65 sqm., out of which 14821.60 sqm., land falls in the residential zone and the remaining 14 bigha (14163.99 sqm) falls in industrial zone. The Project Proponent mentioned in the application Form-1, that the proposed industrial project shall be setup on the industrial area of 14163.99 sqm.	
5.	Category	B2 Activity (5f)	
6.	Whether project area involves forest land, (Yes/No),	No, undertaking in this regard has been submitted by the Project Proponent.	
7.	a. Whether the project falls in the critical polluted area notified by MoEF&CC/CPCB. (Yes/No) b. If no and the proposed project site lies in the same or neighbouring district of critically polluted area, then details the distance of project site from the boundary of critically polluted area verified by the regional office of SPCB. (Submitted/Not submitted)	No NA	
8.	a. Total Project Cost (In Crores): b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved	a. Total Project Cost (In Crores): Rs. 45.96 Crores b. Total project cost breakup in terms of land, building and plant & machinery:	
		Description	Cost (Rs. in Crores)
		Cost of Land at current price level	4.27

Agenda 212th meeting of SEAC
to be held on 10.01.2022

	valuer or Chartered Accountant	Building	9.7																								
		* Plant & Machinery	20.44																								
		Others	11.55																								
		Total	45.96																								
9.	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	Fee amount of Rs. 4,60,000/- has been deposited on dated 02.04.2021 vide UTR no.- SBIN321092476958, as verified by the supporting staff of SEIAA.																									
10.	Water consumption details	<p>The total fresh required shall be 160 KLD and recycled water 30 KLD. The proposed fresh water demand 130 KLD, which shall be met through PHED or from ULB. The water consumption details are as under:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Purpose</th> <th>Water Consumption (In KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Process</td> <td>50</td> </tr> <tr> <td>2</td> <td>Washings (reactor, containers, floors, etc.,)</td> <td>5</td> </tr> <tr> <td>3</td> <td>Cooling Tower</td> <td>20</td> </tr> <tr> <td>4</td> <td>Boiler</td> <td>35</td> </tr> <tr> <td>5</td> <td>Domestic</td> <td>10</td> </tr> <tr> <td>6</td> <td>Green Belt</td> <td>10</td> </tr> <tr> <td colspan="2">Total</td> <td>130</td> </tr> </tbody> </table>		Sr. No.	Purpose	Water Consumption (In KLD)	1	Process	50	2	Washings (reactor, containers, floors, etc.,)	5	3	Cooling Tower	20	4	Boiler	35	5	Domestic	10	6	Green Belt	10	Total		130
Sr. No.	Purpose	Water Consumption (In KLD)																									
1	Process	50																									
2	Washings (reactor, containers, floors, etc.,)	5																									
3	Cooling Tower	20																									
4	Boiler	35																									
5	Domestic	10																									
6	Green Belt	10																									
Total		130																									

11.	Details of technology proposed for control of waste water generated from project	<p>Water balance submitted for all three seasons. In the summer season, the wastewater to the tune of 83 KLD comprising of following streams will be generated.</p> <ul style="list-style-type: none"> • High TDS Stream – 29 KLD, • Low TDS Stream – 45 KLD • Domestic – 09 KLD <p>The industry has proposed to install ETP comprising of double stage biological treatment in two phases, first phase shall be comprised of following units:</p> <ul style="list-style-type: none"> • screening, auto PH controller, • Anaerobic treatment, • Biological treatment stage-2, • Membrane bioreactor, • fully automatic sludge de watering unit. <p>Further, in the second phase, industry has proposed to carry out recovery through high recovery recycling system, for which the industry has proposed to install the following units:</p> <ul style="list-style-type: none"> • Membrane feed conditioning unit, • High recovery sea water RO membrane unit, • Flushing/CIP unit for Membrane unit, • Electric Control Panel,
12.	Plot Area Details	<p>Sale deed with specification of the property measuring total land area of 28 bigha, 13 biswa bearing khata no. 48/108, khasra no. 126//11(4-0), 12(4-0), 13(2-16), 18(1-17), 19(4-0), 20(4-0), 127//15 (4-0), 16(4-0) at village Lalru Tehsil Dera Bassi, District SAS Nagar, Punjab in the name of Sarvbio Pharma Pvt. Ltd submitted.</p> <p>Further, as per the application form, total land available with the industry is (28 bigha and 13 biswa) 28985.65 sqm., having. Out of total land area of 28985.65 sqm, 14821.60 sqm., land falls in the residential zone and the remaining 14 bigha (14163.99 sqm) falls in industrial zone.</p> <p>The Project Proponent mentioned in the application Form-1, that the proposed industrial project shall be setup on the industrial area of 14163.99 sqm.</p>

13.	<p>a. Type of project land as per master plan (Industrial/Agriculture/Any other),</p> <p>b. If non industrial land then the details of Land Use Certificate / permissibility Certificate from Competent Authority (DTP/CTP) intimating land use pattern of the project site as per proposals of Master Plan of the area. (Submitted/Not Submitted)</p>	<p>The DTP, SAS Nagar vide letter no. 1191 dated 03.12.2021 addressed to M/s Sarv Bio Pharma Pvt. Ltd., Lalru handesra road, Lalru informed that as per the Land Use Classification, the land pertaining to Hadbast no. 218 , khasra no. 127//15(4-0) and 16(4-0) falls in industrial zone. Further, most of the land pertaining to khasra no. 126//11(4-0) and 20(4-0) falls in industrial zone and remaining land area bearing khasra no. 126//12(4-0),13(2-16,18(1-17),19(4-0) falls in residential zone. This is classification for the total land area of 28 bigha 13 biswa.</p> <p>In this regard EDS was raised to which, the Project Proponent replied that total land available with the industry is 28985.65 sqm., out of which 14821.60 sqm., land falls in the residential zone and the remaining 14 bigha (14163.99 sqm) falls in industrial zone. He further submitted that he shall setup the industrial unit in the industrial area of 14163.99 sqm.</p> <p>Layout plan of total land area of 14163.99 sqm., wherein the industrial machinery/plant shall be setup, submitted.</p>				
14.	<p>Details of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB</p>	<p>Not Applicable, as it new project.</p>				
15.	<p>Whether any litigation pending against the project or any direction/order passed by SPCB/ Court of Law against the project, if so, details there of shall also be included.</p>	<p>No, an undertaking in this regard has been submitted by the applicant Sh. Harinder Singh.</p>				
16.	<p>Details of Raw material</p>	<p>Submitted</p>				
17.	<p>Production Capacity details:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Sr. No</th> <th style="text-align: center;">Products</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">10-Deacetylbaaccatin-III (10-DAB-III)</td> </tr> </tbody> </table>		Sr. No	Products	1	10-Deacetylbaaccatin-III (10-DAB-III)
Sr. No	Products					
1	10-Deacetylbaaccatin-III (10-DAB-III)					

Agenda 212th meeting of SEAC
to be held on 10.01.2022

		2	Digoxin	
		3	Nicotine	
		4	Nicotine Polacrilex/Resinate	
		5	Nicotine ditartarate dehydrate	
		6	Hyoscine Hydrobromide	
		7	Hyoscine Butyl Bromide	
		8	Cimetropium Bromide	
		9	Methcopolamine Bromide	
		10	Hyoscyamine Sulphate	
		11	Vinpocetine	
		12	Colchicine	
		13	Pygeum Extract	
		14	Reserpine	
		15	Thiocolchicoside	
		16	Enoxolone	
		17	Camptothecinene	
		18	Yohimbine	
		19	Raubasine	
		20	Prednisolone	
		21	Tacrolimus	
18.	Details of major productive machinery/plant:	Submitted		
19.	Manpower requirement	Total Manpower -630 Direct- 230 Indirect - 400		

20.	<p>Details of Emissions are as under:</p> <p>The major source of Air Pollution from the industry are DG set and boilers. The industry has proposed to install 8 TPH of steam boiler, wherein herbal waste as fuel shall be utilized. Further, DG set of capacity 1500 KVA shall be installed, which will be provide with 10m of stack height.</p> <p>The stack emission details of DG set is as under:</p> <table border="1" data-bbox="269 495 1406 884"> <thead> <tr> <th>Sr. No.</th> <th>Source of emission capacity</th> <th>Stack height (meter)</th> <th>Type of Fuel</th> <th>Quantity Of fuel (LPH)</th> <th>Type of emission i.e., Air Pollution</th> <th>Air Pollution Control measures (APCM)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>DG Set (Cap: 1500 KVA)</td> <td>10</td> <td>HSD</td> <td>200</td> <td>SPM SOx NOx HC</td> <td>Adequate Stack Height,</td> </tr> </tbody> </table>		Sr. No.	Source of emission capacity	Stack height (meter)	Type of Fuel	Quantity Of fuel (LPH)	Type of emission i.e., Air Pollution	Air Pollution Control measures (APCM)	1.	DG Set (Cap: 1500 KVA)	10	HSD	200	SPM SOx NOx HC	Adequate Stack Height,																
Sr. No.	Source of emission capacity	Stack height (meter)	Type of Fuel	Quantity Of fuel (LPH)	Type of emission i.e., Air Pollution	Air Pollution Control measures (APCM)																										
1.	DG Set (Cap: 1500 KVA)	10	HSD	200	SPM SOx NOx HC	Adequate Stack Height,																										
21.	<p>Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity</p> <p>The details of the hazardous waste generated from the industry is as under:</p> <table border="1" data-bbox="269 1131 1414 1507"> <thead> <tr> <th>Sr. No</th> <th>Hazardous Waste</th> <th>Category</th> <th>Qty. Generated (Per/Annum)</th> <th>Unit</th> <th>Method of Disposal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ETP Sludge</td> <td>34.3</td> <td>49000</td> <td>Kg</td> <td>It will be sent to authorized TSDF</td> </tr> <tr> <td>2</td> <td>Used Oils & Spent Oil</td> <td>5.1 & 5.2</td> <td>1000</td> <td>Lit</td> <td>It will be disposed of through authorized recycler</td> </tr> <tr> <td>3</td> <td>Process residue & waste process oil</td> <td>28.1</td> <td>33000</td> <td>Kg</td> <td>It will be sent to authorized TSDF</td> </tr> <tr> <td>4</td> <td>Ash from Boiler</td> <td></td> <td>562</td> <td>Ton</td> <td></td> </tr> </tbody> </table>		Sr. No	Hazardous Waste	Category	Qty. Generated (Per/Annum)	Unit	Method of Disposal	1	ETP Sludge	34.3	49000	Kg	It will be sent to authorized TSDF	2	Used Oils & Spent Oil	5.1 & 5.2	1000	Lit	It will be disposed of through authorized recycler	3	Process residue & waste process oil	28.1	33000	Kg	It will be sent to authorized TSDF	4	Ash from Boiler		562	Ton	
Sr. No	Hazardous Waste	Category	Qty. Generated (Per/Annum)	Unit	Method of Disposal																											
1	ETP Sludge	34.3	49000	Kg	It will be sent to authorized TSDF																											
2	Used Oils & Spent Oil	5.1 & 5.2	1000	Lit	It will be disposed of through authorized recycler																											
3	Process residue & waste process oil	28.1	33000	Kg	It will be sent to authorized TSDF																											
4	Ash from Boiler		562	Ton																												
22.	<p>Rain Water utilization proposal during monsoons (Submitted/Not Submitted)</p>	<p>Rain Water Harvesting system will be designed to collect and utilize total amount the rain water within the Unit premises. The rainwater will be collected from various hard surfaces such as roof tops and/or other types of manmade above ground hard surfaces. M/s. Sarv Bio Pharma Pvt. Ltd will construct a rain water harvesting system for collection of rain water which will be utilized within the plant as a substitute for supply water. There will not be any recharge system proposed to be installed.</p>																														

23.	Blockwise details of no. of trees to be planted in proposed greenbelt area (1500 Trees to be planted @ 10000 Sqm area):	650 trees shall be planted for which the budgetary allocation of 9 lacs has been proposed.																								
24.	EMP Budget details	<p>The details of the Capital cost and recurring cost to be incurred on the Air Pollution Management, Water Pollution Management, Occupational Health and Safety, Solid Waste Disposal and Management and Green Belt Development incorporated. The total capital cost to be incurred on the aforementioned particulars is Rs.880 lacs and total recurring cost incurred is Rs. 120 Lacs. However, after perusal of the details, it was observed that the said details have not been mentioned under the rubric of EMP. The particular wise capital cost and recurring cost are as under:</p> <table border="1" data-bbox="647 722 1390 1213"> <thead> <tr> <th>Sr. No.</th> <th>Particulars</th> <th>Capital Cost (Rs. in Lacs)</th> <th>Recurring Cost/Annum (Rs. in Lacs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Air Pollution Management</td> <td>100</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">120</td> </tr> <tr> <td>2</td> <td>Water Pollution management</td> <td>680</td> </tr> <tr> <td>3</td> <td>Occupational Health and Safety</td> <td>30</td> </tr> <tr> <td>4</td> <td>Solid Waste disposal and management</td> <td>50</td> </tr> <tr> <td>5</td> <td>Green belt development</td> <td>20</td> </tr> <tr> <td colspan="2">Total</td> <td>880</td> <td></td> </tr> </tbody> </table>	Sr. No.	Particulars	Capital Cost (Rs. in Lacs)	Recurring Cost/Annum (Rs. in Lacs)	1	Air Pollution Management	100	120	2	Water Pollution management	680	3	Occupational Health and Safety	30	4	Solid Waste disposal and management	50	5	Green belt development	20	Total		880	
Sr. No.	Particulars	Capital Cost (Rs. in Lacs)	Recurring Cost/Annum (Rs. in Lacs)																							
1	Air Pollution Management	100	120																							
2	Water Pollution management	680																								
3	Occupational Health and Safety	30																								
4	Solid Waste disposal and management	50																								
5	Green belt development	20																								
Total		880																								
25.	Details of Environment Management Cell (EMC) responsible for implementation of EMP	<table border="1" data-bbox="647 1257 1414 1514"> <thead> <tr> <th>Sr. No.</th> <th>Designation</th> <th>Responsibilities</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CEO/R&D Head</td> <td>Overall Environment Management & Monitoring</td> </tr> <tr> <td>2</td> <td>Q.C. Manager</td> <td>Environmental Monitoring</td> </tr> <tr> <td>3</td> <td>SHE Manager</td> <td>Environmental Management</td> </tr> <tr> <td>4</td> <td>Maintenance Head</td> <td>Operation & Maintenance of CSETP & APCM</td> </tr> </tbody> </table>	Sr. No.	Designation	Responsibilities	1	CEO/R&D Head	Overall Environment Management & Monitoring	2	Q.C. Manager	Environmental Monitoring	3	SHE Manager	Environmental Management	4	Maintenance Head	Operation & Maintenance of CSETP & APCM									
Sr. No.	Designation	Responsibilities																								
1	CEO/R&D Head	Overall Environment Management & Monitoring																								
2	Q.C. Manager	Environmental Monitoring																								
3	SHE Manager	Environmental Management																								
4	Maintenance Head	Operation & Maintenance of CSETP & APCM																								
26.	Details of EDS	Details of EDS sought from the Project Proponent is attached as part of the agenda.																								

During meeting, SEAC noted that the District Town Planner, SAS Nagar vide letter no. 1191 dated 03.12.2021 informed that as per the Land Use Classification, the land area of the industry pertaining to Hadbast no. 218, khasra no. 127//15(4-0) and 16(4-0) falls in industrial zone. Further, most of the land pertaining to khasra no. 126//11(4-0) and 20(4-

0) falls in industrial zone and remaining land area bearing khasra no. 126//12(4-0),13(2-16,18(1-17),19(4-0) falls in residential zone. The project proponent informed that the total plot area of the land is 28 bigha 13 biswa, out of which 14 bigha falls in industrial zone and remaining 14 bigha 13 biswa falls in residential zone as per the details given in Land Use Classification by the District Town Planner.

The Project Proponent further informed that the total proposed green area is 5071.82 sqm (35.8% of total area i.e. 14163.99 sqm), out of which 2071.82 sqm falls in industrial zone and the remaining 3000 sqm falls in residential zone. The project proponent submitted an undertaking that the green area proposed in residential zone will not be used for any other purpose throughout the lifecycle of the project except for utilization of treated wastewater.

The Committee further noted that the dried herbal waste shall be utilized as fuel in the boiler of capacity 8TPH and the boiler ash (2 TPD) generated from the project shall be sold out to M/s New Century Cement Company for cement manufacturing. The Project Proponent has submitted a copy of certificate issued by M/s New Century Cement Company wherein the agency undertakes to collect the boiler ash of 2TPD from M/s Sarvbio Pharma Pvt. Ltd.

SEAC was satisfied with the presentation given by the Project Proponent and took a copy of the same on record.

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal under category B2, Activity 5 (f) and to forward the application to SEIAA with the recommendation to grant Environmental Clearance for manufacturing of Herbal extracts, Active Pharmaceutical Ingredients (APIs) and Drug Intermediates with a production capacity of 26.33 MTA/A in an area of 14163.99 sqm falling in industrial zone, as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation /clarifications made by the project proponent and his consultant subject to the following special condition: -

Special Condition:

1. The Project Proponent shall not undertake any industrial activity in the area falling under residential zone.
2. The Project Proponent shall use the green area proposed in the residential zone for utilization of treated wastewater only and not for any other purpose throughout the lifecycle of the project.

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. If applicable.

- 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 the necessary permission from the Central Ground Water Authority/ competent authority concerned, in case of drawl of ground water and also in case of drawl 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 competent authority.
- v. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Punjab State pollution Control Board/ Committee.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vii. The 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 competent authority, if any
- ix. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one for small units) within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.
- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with
- viii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- ix. Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines, maintain the record for the same and all the mitigation measures should be taken to bring down the levels within the prescribed standards.

III. Water quality monitoring and preservation

- i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- ii. The wastewater not exceeding 83 KLD (High TDS Stream – 29 KLD, Low TDS Stream – 45 KLD + Domestic – 9 KLD) will be generated. Domestic sewage and Industrial effluent will be treated in CESTP of capacity 100 KLD. Treated water shall

be used for various industrial purposes. No liquid effluent will be discharged outside without treatment.

- iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- iv. Total fresh water requirement shall not exceed the 130 KLD. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- v. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- vi. The Company shall store the rainwater from the roof tops of the buildings and utilize the same for different industrial operations within the plant.
- vii. Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- viii. Provide electromagnetic flow meter at intake of water supply from the at the borewell for abstraction of ground water if any, outlet of the ETP/STP and any pipeline to be used for re-using the treated wastewater back into the system and for horticulture purpose/green belt etc.
- ix. A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
- x. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.
- xi. Separation of drinking water supply, treated sewage supply and treated permeate line leading back to the process water should be done by the use of different colors.

IV. Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- iii. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time

V. Energy Conservation measures

- i. The energy sources for lighting purposes shall preferably be LED based.

- ii. The project proponent shall make efforts to ensure the reduction of overall power demand which may be met by solar system including the provision of solar water heating or through any other innovative environment friendly techniques.

VI. Waste management

- i. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- ii. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.
- iii. Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.
- iv. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- v. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- vi. The Project proponent shall abide by the provisions of Solid Waste Management Rules, 2016 (amended from time to time), if applicable.
- vii. The company shall undertake waste minimization measures as below: -
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation

VII. Green Belt

- i. The green belt shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department. Total 650 trees to be planted in without accounting the shrubs and protect the same with tree guard made of concrete.

VIII. Safety, Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- viii. A first aid room will be provided in the project both during construction and operation phase of the project.

IX. Corporate Environment Responsibility

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least a minimum amount of Rs. 20 lacs will be spent under CER activities.

- ii) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv) Action plan for implementing EMP and environmental conditions along with the 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 accounts and not to be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs 880 Lacs towards the capital cost and Rs 120 Lacs/annum towards recurring cost in the operation phase of the project. The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.
- v) Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X Validity of Environmental Clearance.

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

XI. Miscellaneous

- i. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained, by project proponent from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- ii. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- iii. The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact

Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.

- iv. 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.
- v. 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.
- vi. 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.
- vii. The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- viii. 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.
- ix. 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.
- x. 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.
- xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xii. 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.
- xiii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).

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

XI. ADDITIONAL CONDITIONS:

- i. The Environmental Clearance is granted to the project subject to the condition that industry shall obtain change of land use for the industrial purposes and submit a copy of the same to SEIAA. In case, CLU has been rejected for industrial use for any reason, SEIAA will not be responsible for the cost incurred on the project.
- ii. To achieve the Zero Liquid Discharge, waste water generated from different industrial operations should be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.
- iii. The project proponent shall make necessary arrangements for the recovery and reuse of steam condensate resulting from the indirect steam applications and shall not allow to discharge such effluents into drain.
- iv. The project proponent shall provide advanced scrubbing systems with proper neutralizing media to handle the acidic/alkaline emissions from storage, handling & processing activities. Wherever required, packed bed scrubbers will also be provided. The suction and scrubbing systems shall also be designed to handle the inherent odours from such units.

- v. The project proponent shall provide the Air Pollution Control Devices as proposed by the PPCB to control the emissions generated from the boiler within the prescribed parameter.
- vi. The project proponent shall practice rainwater harvesting inside the premises with an Hourly run off volume for infiltration of 376.24m²/hr. The rain water will be collected and reused within the premises such as Fire Hydrant etc.