

Date: 27.05.2022



To

✓ **The Joint Director**

Ministry of Environment, Forest and Climate Change,  
Integrated Regional Office,  
Bays Nos. 24-25, Sector 31 A,  
Dakshin Marg,  
Chandigarh – 160030

(Mail ids: [ecompliance-nro@gov.in](mailto:ecompliance-nro@gov.in) and [ronz.chd-mef@nic.in](mailto:ronz.chd-mef@nic.in))

**Subject: Submission of Six monthly compliance report for period ending 31.03.2022 for the Group Housing Project namely "Casa Espana" located at Village Budmajra, Sector 121, S.A.S Nagar (Mohali), Punjab by M/s Shiwalik Site Planners Pvt. Ltd.**

Sir,

With reference to the EIA Notification & its amendments for six monthly compliance report, we are hereby submitting the six monthly compliance report for period ending 31.03.2022 for the above said project through mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you

Sincerely,

For M/s Shiwalik Site Planners Pvt. Ltd.

(Authorized Signatory)

Name : Ghansham Sharma  
Contact No. : 98781-11877  
Designation : Director  
Email : [pb.compliance@atsgreens.com](mailto:pb.compliance@atsgreens.com)

CC to: Member Secretary, SEIAA Punjab, Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26, Chandigarh-160019 (through CD)

**Shiwalik Site Planners Pvt. Ltd.**

Head off. : SCO 510, Sector 70, Mohali, Punjab

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Web: [www.shiwalikgroup.com](http://www.shiwalikgroup.com)

2022

# **SIX MONTHLY COMPLIANCE REPORT (Period ending 31.03.2022)**

F  
OR

For

**“Casa Espana”**

Sector-121, Distt. SAS Nagar (Mohali), Punjab.

**Project By:**

**M/s Shiwalik Site Planners Pvt. Ltd.**

SCO-510, Sector 70, Distt. SAS Nagar (Mohali),  
Punjab.

**Prepared by:**



**Eco Paryavaran Laboratories and Consultants Private  
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**Ministry of Environment, Forest and Climate Change  
Northern Regional Office,  
Chandigarh-160030**

**DATA SHEET**

1.	<b>Project Type</b>	Group Housing Project
2.	<b>Name of the Project</b>	Casa Espana
3.	<b>Clearance letter (s)/O.M No. &amp; dates</b>	Environmental Clearance has been granted by SEIAA, Punjab vide Letter No. SEIAA/M.S./2014/9014 dated 05.02.2014; copy of the same is attached along as <b>Annexure 1(a)</b> . Further, Environmental Clearance has been transferred from M/s ATS Infrabuild Pvt. Ltd. to M/s Shiwalik Site Planners Pvt. Ltd.; copy of the EC transfer letter is enclosed as <b>Annexure 1(b)</b> .
4.	<b>Location</b>	Sector 121
	<b>a) District (s)</b>	SAS Nagar
	<b>b) State (s)</b>	Punjab
	<b>c) Latitudes/ Longitudes</b>	30°44'1.63" N & 76°42'4.32" E
5.	<b>Address for correspondence</b>	<b>M/s Shiwalik Site Planners Pvt. Ltd.</b> SCO No. 510, Sector 70, Mohali, Punjab.
6.	<b>Salient features</b>	
	<b>a) of the project</b>	As per the Environment Clearance, total plot area of the project is 1,01,171.411 sq.m (25 acres); out of which net planned area is 80,937.129 sq.m (20 acres). The total built up area of the project will be 1,94,402.741 sq.m.
	<b>b) of the environmental management plans</b>	As per the Environment Clearance, total water requirement for the project will be 479 KLD, out of which 351 KLD will be met through ground water and remaining 128 KLD will be met through recycling of treated wastewater. Total wastewater generation from the project will be 383 KLD which will be treated in a STP of capacity 450 KLD. The total treated wastewater generation from STP will be 375 KLD, out of which 128 KLD will be used for flushing purpose, 190 KLD will be used for irrigation of green area and remaining 57 KLD will be discharged into MC sewer.

		Approx. 1,697.25 kg/day of solid waste will be generated from the project. The waste will be managed as per the Solid Waste Management Rules, 2016. The total power requirement will be 3,204.48 KW.
7.	<b>Break-up of the project area</b>	
	<b>a) Submergence area: Forest and Non-forest</b>	Not applicable
	<b>b) Others</b>	Not applicable
8.	<b>Break-up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only both dwelling units and agricultural land and landless labourers/artisans.</b>	Not applicable
	<b>a) SC/ST/Adivasis</b>	Not applicable
	<b>b) Others (<i>Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey</i>)</b>	Not applicable
9.	<b>Financial details:</b>	
	<b>a) Project cost as originally planned and subsequent revised estimates and the year of price reference.</b>	Project cost as originally planned is Rs. 363 Crores. The revised cost of the project is estimated to be Rs. 580.55 Crores.
	<b>b) Allocations made for environmental management plans with item wise and year wise break up.</b>	During construction phase, Rs. 25 lakhs will be incurred for implementation of EMP and Rs. 10 lakhs per annum will be incurred on account of recurring charges. During operation phase, Rs. 111 lakhs will be incurred as capital cost and Rs. 23.50 lakhs/ annum as recurring charges.
	<b>c) Benefit cost ratio/internal rate of return and the year of assessment</b>	Will be calculated and submitted separately.
	<b>d) Whether (c) includes the cost of environmental management as shown in b) above.</b>	Yes
	<b>e) Actual expenditure incurred on the project so far.</b>	Rs. 397.15 Crores has been spent on the project till 31 <sup>st</sup> March, 2022.

	<b>f) Actual expenditure incurred on the environmental management plans so far.</b>	Actual expenditure done on environmental management measures till 31 <sup>st</sup> March, 2022 is Rs. 417 Lakhs. The breakup of the same is given below: <table border="1"> <tr> <th>S. No.</th><th>Description</th><th>Rs. (in Lakhs)</th></tr> <tr> <td>1.</td><td>Air pollution control</td><td>29</td></tr> <tr> <td>2.</td><td>Green belt &amp; Landscaping</td><td>178</td></tr> <tr> <td>3.</td><td>Energy conservation</td><td>78</td></tr> <tr> <td>3.</td><td>Rain Water Harvesting</td><td>34</td></tr> <tr> <td>4.</td><td>Sewage Treatment Plant</td><td>98</td></tr> <tr> <td colspan="2"><b>Total</b></td><td><b>Rs. 417 Lakhs</b></td></tr> </table>	S. No.	Description	Rs. (in Lakhs)	1.	Air pollution control	29	2.	Green belt & Landscaping	178	3.	Energy conservation	78	3.	Rain Water Harvesting	34	4.	Sewage Treatment Plant	98	<b>Total</b>		<b>Rs. 417 Lakhs</b>
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<b>Total</b>		<b>Rs. 417 Lakhs</b>																					
10.	<b>Forest land requirement:</b>	No forest land is involved in the project.																					
	<b>a) the status of approval for diversion of forest land for non-forestry use</b>	Not Applicable																					
	<b>b) the status of clear felling, if any</b>	Not Applicable																					
	<b>c) the status of compensatory afforestation, if any.</b>	Not Applicable																					
	<b>d) Comments on the viability &amp; sustainability of compensatory Afforestation programme in the light of actual field experience so far.</b>	Not Applicable																					
11.	<b>The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.</b>	Not applicable																					
12.	<b>Status of construction:</b>	Project is in construction phase and nearly 70.4% of the construction has been completed. Photographs showing the construction status are attached along as <b>Annexure 2.</b>																					
	<b>a) Date of commencement (actual and/or planned)</b>	February, 2014																					
	<b>b) Date of completion (actual and/or planned)</b>	December, 2022																					
13.	<b>Reasons for the delay, if the project is yet to start</b>	Not Applicable																					

**Compliance report on conditions imposed in Environmental Clearance for Period ending 31.03.2022**

**PART A – Specific conditions:**

**I. CONSTRUCTION PHASE**

<b>S. No.</b>	<b>Compliance</b>	<b>Reply</b>
(i)	"Consent to Establish" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority before the start of any construction work at the site.	Earlier, extension in Consent to Establish was obtained from PPCB vide certificate no. CTE/Ext/SAS/2021/15671463 which was valid till 31.03.2022; copy is enclosed as <b>Annexure 3(a)</b> . Further, extension application has been filed to PPCB for CTE extension; copy of acknowledgement is enclosed as <b>Annexure 3(b)</b> .
(ii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	All required sanitary and hygienic measures are being maintained during construction phase.
(iii)	A First Aid Room will be provided in the project during construction and operation phase of the project.	First aid room has been provided at the construction site and will be maintained during operational phase also. It is equipped with sufficient medical facilities.
(iv)	All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	Top soil is being preserved at the project site and used for development of landscape within the project premises to the maximum possible extent during construction at the site. Photographs showing green area within project premises is enclosed as <b>Annexure 2</b> .
(v)	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority.	No muck is generated from construction activities so there is no adverse effect on the environment.
(vi)	Construction spoils, including bituminous	Construction spoils are kept to minimum

	material and other hazardous material must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground.	so that, there is no contamination of the ground water resources.
(vii)	The Diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to the provisions of Environment (Protection) Act, 1986 prescribed for air and noise emission standards.	DG sets are equipped with acoustic enclosure and proper stack height as per EPA rules 1986.
(viii)	Vehicles hired for bringing construction materials to the site and other machinery to be used during construction should be in good condition and should conform to applicable air and noise emission standards.	Vehicles used at the construction site has been monitored regularly for the pollution level: copy of PUC Certificate is enclosed as <b>Annexure 4</b> .
(ix)	Ambient noise levels should confirm to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	Regular monitoring is being done at project site on half yearly basis by NABL accredited laboratory. Ambient air & noise test reports are enclosed along as <b>Annexure 5</b> .
(x)	Fly ash should be used as construction material as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 (This condition is applicable only if the project is within 100 km of Thermal Power Station).	Fly ash has been used at the construction site. Total Fly ash quantity 7707.64 MT has been used at the construction site till 31 <sup>st</sup> March, 2022.
(xi)	Ready mixed concrete must be used in building construction as far as possible.	RMC has been used and will also be used for remaining construction work.
(xii)	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices.	Curing agents and other best practices are used for reduction in water demand.
(xiii)	Separation of drinking water supply and treated sewage water supply should be done by the use of different colors.	Different colored pipelines has been provided for drinking water supply and treated sewage supply.
(xiv)	Fixtures for shower, toilet flushing and drinking should be low flow either by use of aerators or pressure reducing devices or sensor based control.	Dual plumbing system has been provided for flushing purpose.
(xv)	Adequate steps shall be taken to conserve energy and taking measures by limiting the	For energy conservation 5 solar water heaters have been provided in towers 4,



	use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.	7, 8, 9 & 10 of capacity 1,200 liters per day each. Approval has been obtained regarding the installation of solar water heaters from Punjab Energy Development Agency; copy of the same is enclosed as <b>Annexure 6</b> . Photographs of the same are enclosed as <b>Annexure 2</b> .
(xvi)	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of fire-fighting equipments etc. as per National Building Code including protection measures from lightening.	Necessary approvals have been obtained from concerned department and copy of the same has already been submitted along with previous compliances.
(xvii)	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, disposal of wastewater & solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Temporary hutments have been provided to laborers covering all necessary infrastructure and facilities are being provided to laborers. Photographs showing the same are attached along as <b>Annexure 2</b> .

## II. Operation Phase:

S. No.	Conditions	Reply
(i)	The installation of sewage treatment plant (STP) and adequacy of disposal system should be certified by Punjab Pollution Control Board and a report in this regard should be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority before the project is commissioned for operation. The discharge of treated sewage shall conform to the norms and standards prescribed by Punjab Pollution Control Board for such discharges. The project proponent shall discharge not more than 230 KLD of treated wastewater into sewer during rainy season.	STP has been installed of capacity 450 KLD within the project premises to treat the domestic wastewater generated from the present occupancy.

(ii)	The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc. and shall maintain a record of readings of each such meter on daily basis.	Electromagnetic flow meter has been provided at the STP outlet and borewell. Also, record of the meter readings is being maintained on daily basis.
(iii)	Adequate & appropriate pollution control measures should be provided to control fugitive emissions to be emitted within the complex.	Since, it is a residential project, thus, there are no generation of fugitive emissions.
(iv)	Adequate treatment facility for drinking water shall be provided, if required.	Water treatment plant has been provided in the project. Photograph showing the same is enclosed as <b>Annexure 2</b> .
(v)	Rainwater harvesting for roof run-off should be implemented. Before recharging the roof run-off, pretreatment must be done to remove suspended matter, oil and grease. However, no run off from gardens/ green area/ roads/ pavements shall be connected with the ground water recharging system.	9 rain water recharging pits has been constructed within the project premises. Photographs of the same are enclosed as <b>Annexure 2</b> .
(vi)	The solid waste generated should be properly collected and segregated. The recyclable solid waste shall be sold out to the authorized vendors and inerts shall be sent to disposal facility. The Bio-degradable solid waste shall be adequately treated as per the scheme submitted by the project proponent. Prior approval of competent authority should be obtained, if required.	As per the Solid Waste Management Rules 2016, solid waste is being collected at designated location and segregated into biodegradable and non-biodegradable waste. The biodegradable waste is composed in composite pits & composter of size 500 kg has already been installed within the project. Non-biodegradable waste is being sent to authorized dumping ground. C
(vii)	Hazardous waste/ E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.	As it is a residential project, no hazardous waste is generated from the project except used oil from DG set which is being sold to authorized vendor.
(viii)	The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.	Green area of 2.25 acres has been provided within project premises and additional 1.25 acres has been developed under plantation. Total 1,790 number of

	The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/ variety.	trees ( <i>Eucalyptus Tree.</i> , <i>Poplar</i> , <i>Silver Oak</i> , <i>Cassia Biflora</i> , <i>Cassia Glauca</i> , <i>Wodyetia Bifurcata</i> , <i>Mimusops Elengi</i> , <i>Chukrasia Tabularis</i> , etc.) have been planted within the project premises including the area under Karnal Technology. Photographs showing the green area are enclosed as <b>Annexure 2</b> .
(ix)	The project proponent should take adequate and appropriate measures to contain the ambient air quality within the prescribed standards. The proposal regarding mitigation measures to be taken at site should be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority within three months.	Adequate measures are being taken, thus, ambient air results are within limit; ambient air test reports showing the results are attached along as <b>Annexure 6</b> .
(x)	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.	Monitoring of ambient air quality, noise and water has been done and results are within the prescribed limit and test reports showing the results are attached along as <b>Annexure 5</b> .
(xi)	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating.	5 solar water heaters have been provided in towers 4, 7, 8, 9 & 10 of capacity 1,200 liters per day each. Approval has been obtained regarding the installation of solar water heaters from Punjab Energy Development Agency and already submitted. Photographs of the same are enclosed as <b>Annexure 2</b> .
(xii)	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.	Adequate parking space has been provided within the project premises. There is no traffic congestion near the entry and exit points.
(xiii)	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building	Agreed. The same will be submitted.

	materials, R & U Factors etc. and submitted to the respective Regional office of MoEF&CC, the Zonal Office of CPCB and the SPCB/SEIAA in three months time.	
(xiv)	Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.	Environment management cell has been constituted. The names of the members along with their designation are given below: 1. Nikhil Chopra - Project Engineer 2. Jatinder Singh - Technical Supervisor 3. Sandeep Singh - STP Operator

#### **PART B - GENERAL CONDITIONS:**

<b>S. No.</b>	<b>Compliance</b>	<b>Reply</b>
(i)	This Environmental clearance will be valid for a period of five years from the date of its issue or till the completion of the project, whichever is earlier.	Environmental Clearance has been granted by SEIAA, Punjab vide Letter No. SEIAA/M.S./2014/9014 dated 05.02.2014. As per the EIA Notification dated 12.04.2022; the validity of Environmental Clearance has been extended till 05.02.2024. Further, application for expansion has been filed; copy of acknowledgement is enclosed as <b>Annexure 1(c)</b> .
(ii)	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.	Agreed. Environmental safeguards are being implemented in true spirit.
(iii)	The entire cost of the environmental management plan (i.e. capital cost as well as recurring cost) will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/ residents society under proper MOU after obtaining prior permission of the Punjab Pollution Control Board.	Agreed. The entire cost of the environmental management plan both capital cost & recurring cost is continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the residents society under proper MOU after obtaining prior permission of the Punjab Pollution Control Board.

(iv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as mail) to the respective Regional office of MoEF&CC, the Zonal Office of CPCB and the SPCB/SEIAA.	Six monthly compliance report are being submitted to Regional office of MoEF&CC and SEIAA, Punjab. Acknowledgement of previous submitted six monthly compliance for period ending 30.09.2021 to RO, MoEF&CC and SEIAA, Punjab is enclosed as <b>Annexure 7.</b>
(v)	Officials from the regional office of Ministry and Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to State Level Environment Impact Assessment Authority should be forwarded to CCF, Regional Office of Ministry of Environment & Forests, Chandigarh and State Level Environment Impact Assessment Authority.	Agreed. Full cooperation, facilities & documents/ data will be provided to the officials of Regional Office MoEF&CC, Chandigarh/ SEAC/ PPCB during their visit. Now there is planning to expand the project & accordingly application has been submitted to SEIAA, Punjab; copy of acknowledgement is enclosed as <b>Annexure 1(c).</b>
(vi)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Level Environment Impact Assessment Authority.	Agreed. If any changes will be made, then fresh appraisal will be submitted.
(vii)	Separate distribution pipelines are laid down for use of treated effluent/ raw water for horticulture/ gardening purposes with different color coding.	Different colour pipelines has been provided for fresh water supply line and treated water for flushing and horticulture purposes with different colour coding.
(viii)	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by project proponents from the competent authorities including Punjab	All the necessary approvals obtained as and when required. Following approvals has been obtained from various concerned departments: <ul style="list-style-type: none"> <li>• Consent to Establish had been obtained from PPCB valid till 31.03.2022; copy of the same is attached along as <b>Annexure 3(a).</b></li> </ul>

	<p>Pollution Control Board and from other statutory bodies as applicable. The project proponent shall also obtain permission from the NBWL, if applicable.</p>	<p>Further, renewal application has been filed to PPCB; copy of the same is enclosed as <b>Annexure 3(b)</b>.</p> <ul style="list-style-type: none"> <li>• Consent to Operate (Air) &amp; (Water) had been obtained from PPCB valid till 31.03.2022; copy of the same is attached along as <b>Annexure 8(a)</b>. Further, application for CTO varied has been filed to PPCB; copy of the same is enclosed as <b>Annexure 8(b)</b>.</li> <li>• NOC has already been obtained from Fire Department and submitted.</li> <li>• NOC has already been from Airport Authority and submitted</li> <li>• Partial completion certificate has been obtained from GMADA; copy of the same is attached along as <b>Annexure 9</b>.</li> </ul> <p>There is no bird or wildlife sanctuary falls within the 10km radius of the project. Thus, NBWL clearance is not required.</p>
(ix)	<p>The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional office, Ministry of Environment &amp; Forests, Chandigarh.</p>	<p>Advertisement has already been published in the newspapers regarding the grant of Environmental Clearance and submitted with previous six monthly compliance report.</p>
(x)	<p>These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act 1974, Air (Prevention and Control of Pollution) Act 1981, Environmental (Protection) Act 1986, The Public Liability (Insurance) Act 1991 and EIA Notification 2006.</p>	<p>Agreed.</p>

(xi)	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa foundation Vs. Union of India in Writ Petition (Civil) no. 460 of 2004 as may be applicable to this project and decisions of any competent Court, to the extent applicable.	Agreed.
(xii)	The project proponent shall comply with the conditions imposed in the permission for CLU granted no. 1654 dated 27/7/2012.	Agreed. All the conditions of CLU is being complied.
(xiii)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions representation, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Copy of the Environmental Clearance letter has been submitted in concerned Departments. Screenshot showing uploading of EC letter on the company's website is attached as <b>Annexure 10</b> .
(xiv)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional Office of MoEF&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: PM <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> , CO, PB, Ozone (ambient air as well as stack emissions) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<p>Screenshot showing uploading of EC letter on the company's website is attached as <b>Annexure 10</b>.</p> <p>Environment data board has been displayed at the construction site near the main gate. Photographs showing the same is enclosed as <b>Annexure 2</b>.</p>
(xv)	<p>The project proponent shall adhere to the commitments made in the Environment Management plan and Corporate Social Responsibility. Rs. 30 lacs will be utilized towards CSR for below mentioned activities and Rs. 3.3 Crores will be spent for maintenance of the activities to be undertaken under CSR programme.</p> <p><b>Health:</b></p>	Various CSR activities has been undertaken by project proponent and the amount spent on various CSR activities Rs. 11,93,500/- till 31 <sup>st</sup> March, 2022.

	<ul style="list-style-type: none"> <li>• Providing ambulance/ mobile health van and maintenance of the same for in and around the area.</li> <li>• Partnership with Govt. for National Health Programmes likes polio, Hepatitis-B, TB, Malaria etc.</li> <li>• Health camps for family planning, HIV/AIDS and other communicable diseases in and around the area.</li> <li>• Medical facilities, periodical health check-up and vaccination for construction labours during construction period</li> </ul> <p><b>Education:</b></p> <ul style="list-style-type: none"> <li>• Programmes for primary education, specially for girl children in and around the area.</li> <li>• Promoting and partnering Sarva Shiksha Abhiyaan.</li> <li>• Adoption of schools for their better regulation and expansion of facilities.</li> <li>• Scholarships to meritorious students in and around the area.</li> <li>• R.O. water system, development of playground etc.</li> </ul> <p><b>Social Awareness Programmes:</b></p> <ul style="list-style-type: none"> <li>• On issues like saving and well-upbringing of girl child, discouraging of alcohol, family feuds, etc., promoting tree plantations, rain water harvesting, in and around the area, etc.</li> </ul> <p><b>Social Up-liftment:</b></p> <ul style="list-style-type: none"> <li>• Adoption of village roads, wells/hand pumps, cremation grounds, parks in the nearby sub-urban and rural areas etc. for their better construction/ maintenance</li> </ul> <p><b>Promotion of Sports, Arts &amp; Culture:</b></p> <ul style="list-style-type: none"> <li>• Financial aid to sports organizations in the district</li> <li>• Partnering in organization of programmes on arts &amp; culture in</li> </ul>	
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	schools/ district at large	
(xvi)	The State Environment Impact Assessment Authority reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.	Agreed.
(xvii)	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Not applicable as 30 days' time period has been completed and no appeal has been made.

"ATS Casa Espana" in Sector-121, Mohali  
by M/s ATS Infrabuild Pvt. Ltd



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY  
PUNJAB  
Ministry of Environment and Forests, Government of India**

**O/O Punjab Pollution Control Board,  
Vatavaran Bhawan, Nabha Road,  
Patiala – 147 001  
Telefax:- 0175-2215636**

No. SEIAA/M.S./2014/9014

Dated **5.2.2014**

Mr. Gurmit Singh, AVP  
M/s ATS Infrabuild Pvt. Ltd.,  
407/408, First Floor, Sector 35-C,  
Chandigarh.

**Subject: Environmental Clearance under EIA notification dated 14.09.2006 for development of a Group Housing Project namely "ATS Casa Espana" in Sector-121, Mohali by M/s ATS Infrabuild Pvt. Ltd.**

This has reference to your application for obtaining environmental clearance under EIA notification dated 14.09.2006 for development of a commercial project namely "ATS Casa Espana" in Sector-121, Mohali and subsequent presentation given before the State Level Expert Appraisal Committee (SEAC) for seeking prior environmental clearance for subject cited project as required under the EIA Notification, 2006. The proposal has been appraised as per procedure prescribed under the provisions of EIA Notification dated 14.09.2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, 1-A, conceptual plan and the additional clarifications furnished in response to the observations of the SEAC.

It is inter-alia noted that the proposal involves development of a commercial project namely "ATS Casa Espana" in Sector-121, Mohali. The total plot area of the project is 1,01,171.411 sqm (25 acres) out of which net planned area is 80,937.129 sqm (20 acres). The total built up area of the project will be 1,94,402.741 sqm. Permission for change of land use (CLU) has been obtained vide Memo no. 1654 STP(S)/ SS-11 (GR) dated 27.07.2012 from the Deptt. of Town & Country Planning, Punjab for an area measuring as 25 acres. During summer season, the total water requirement for the project will be 479 KLD, out of which 351 KLD of water will be met from groundwater and the remaining 128

KLD will be met by recycling of treated wastewater. The total wastewater generation from the project will be 383 KLD which will be treated in a STP of capacity 450 KLD to be installed within the project premises. The total treated wastewater generation from STP will be 375 KLD, out of which 128 KLD will be used for flushing purpose, 190 KLD will be used for irrigation of green area and remaining 57 KLD will be discharged into MC sewer. During winter season, the total water requirement for the project will be 479 KLD, out of which 351 KLD of water will be met from groundwater and the remaining 128 KLD will be met by recycling of treated wastewater. The total wastewater generation from the project will be 383 KLD which will be treated in a STP of capacity 450 KLD to be installed within the project premises. The total treated wastewater generation from STP will be 375 KLD, out of which 128 KLD will be used for flushing purpose, 62 KLD will be used for irrigation of green area and remaining 185 KLD will be discharged into MC sewer. In rainy season, the total water requirement for the project will be 479 KLD, out of which 351 KLD of water will be met from groundwater and the remaining 128 KLD will be met by recycling of treated wastewater. The total wastewater generation from the project will be 383 KLD which will be treated in a STP of capacity 450 KLD to be installed within the project premises. The total treated wastewater generation from STP will be 375 KLD, out of which 128 KLD will be used for flushing purpose, 17 KLD will be used for irrigation of green area and remaining 230 KLD will be discharged into MC sewer. Permission has been obtained from GAMADA for providing sewer connection. Green belt will be developed in an area of 34651.96 sqm.

Approximately, 1697.25 kg/day domestic solid waste (Residential Population: 1437.75 kg/day & Floating Population: 259.50 kg/day) will be generated from the project activity; this will be collected from designated locations and segregated into inorganic and organic wastes. The solid waste to be generated shall be segregated at site into bio degradable and non bio degradable waste, and shall be sold to authorized vendors for its safe disposal. The bio degradable waste shall be composted by vendors outside the project premises. Permission has been obtained from the GMADA for management / handling of solid waste.

The E-waste will be handled and managed as per the guidelines of Ministry of Environment & Forests. The used oil from the D.G. sets will be stored in an isolated place and would be sold out to the approved recyclers as per the provisions of the Hazardous Waste (Management, Handling & Transboundary Movement), Rules, 2008. 23 no. of rain water harvesting wells will be provided to recharge the rain water collected from roof tops into ground water. The total power requirement after expansion will 3204.48 KW. There is a provision to install DG sets as power back-up source, which will be provided with acoustic enclosures and proper foundations. Parking facility will be provided for 1429 ECS.

Rs.25 lacs will be incurred for implementation of EMP and Rs.10 lacs/annum will be incurred on account of recurring charges during the construction phase. Rs.111 Lacs will be incurred as capital cost and Rs.23.50 lacs/annum as recurring charges during operation phase. Sh. Deepak Khanna, Project Manager will be responsible for implementation of Environment Management Plan during the construction phase as well as during operational phase. Rs.3.3 Crores will be utilized for activities to be carried out in Village Badmajra under Corporate Social Responsibility programme. The traffic circulation plan and disaster/Risk Assessment & Management Plan have been prepared and the same have been submitted alongwith application.

The case was considered by the SEAC in its 75<sup>th</sup> meeting on 25.09.2013 and the observations of the SEAC were conveyed to the project proponent for compliance of the same. Thereafter, the project proponent has submitted the reply to the observations of the SEAC and the case was again considered by the SEAC in its 83<sup>rd</sup> meeting on 23.11.2013, wherein, the environmental consultant of the project proponent presented the salient features of the project proposal. The SEAC observed that the project proponent is required to submit certain documents/information and there is a need to visit the site of the project by the Sub-Committee to ascertain the status of construction. The decision of the SEAC was conveyed to the project proponent and to the members of the sub-committee for compliance of the same. Thereafter, the said Sub-Committee has submitted its report as per which no construction activity was undertaken by the project proponent except the construction of sample house which is their site office at present. Lastly, the case was considered by the SEAC

in its 91<sup>st</sup> meeting held on 25.01.2014, wherein, the project proponent submitted the reply to the observations of the SEAC. The Committee observed that the project proponent has provided adequate and satisfactory clarifications of the observations raised by it. Therefore, the Committee awarded '**Silver Grading**' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance to the project proponent for the construction of Group Housing Project namely "ATS Casa Espana" in an area of 1,01,171.411 sqm (25 acres) out of which net planned area is 80,937.129 sqm (20 acres) having total built up area of the project will be 1,94,402.741 sqm. in Sector-121, Mohali subject to certain conditions in addition to the proposed measures.

The case was considered by the SEIAA in its 60<sup>th</sup> meeting held on 29.01.2014, The SEIAA observed that the case stands recommended by SEAC and the Committee awarded '**Silver Grading**' to the project proposal. The SEIAA looked into the details of the case and was satisfied with the same. Therefore, the Authority decided to grant environmental clearance for the construction of Group Housing Project namely "ATS Casa Espana" in an area of 1,01,171.411 sqm (25 acres) out of which net planned area is 80,937.129 sqm (20 acres) having total built up area of the project will be 1,94,402.741 sqm. in Sector-121, Mohali subject to the following conditions in addition to the proposed measures:

**PART A – Specific conditions:**

**I. Construction Phase**

- i) "Consent to establish" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority before the start of any construction work at site.
- ii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- iii) A first aid room will be provided in the project both during construction and operation phase of the project.
- iv) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.

- v) 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.
- vi) Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses and the dump sites for such material must be secured, so that they should not leach into the groundwater.
- vii) The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to the provisions of Environment (Protection) Act, 1986 prescribed for air and noise emission standards.
- viii) Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should conform to applicable air and noise emission standards.
- ix) Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
- x) Fly ash should be used as construction material in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 (This condition is applicable only if the project is within 100 Km of Thermal Power Station).
- xi) Ready mixed concrete should be used in building construction as far as possible.
- xii) Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices.
- xiii) Separation of drinking water supply and treated sewage supply should be done by the use of different colours.
- xiv) 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.
- xv) Adequate steps shall be taken to conserve energy by limiting the use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.
- xvi) The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightning.
- xvii) 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, disposal of waste water & solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

## **II. Operation Phase**

- i) The installation of sewage treatment plant (STP) and adequacy of disposal system should be certified by Punjab Pollution Control Board and a report in this regard should be submitted to the Ministry of Environment & Forests/State Level Environment Impact Assessment Authority before the project is commissioned for operation. The discharge of treated sewage shall conform to the norms and standards prescribed by Punjab Pollution Control Board for such discharges. The project proponent shall discharge not more than 230 KLD of treated wastewater into sewer during rainy season.
- ii) The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc. and shall maintain a record of readings of each such meter on daily basis.
- iii) Adequate & appropriate pollution control measures should be provided to control fugitive emissions to be emitted within the complex.
- iv) Adequate treatment facility for drinking water shall be provided, if required.
- v) Rainwater harvesting for roof run-off should be implemented. Before recharging the roof run-off, pretreatment must be done to remove suspended matter, oil and grease. However, no run off from gardens/green area/roads/pavements shall be connected with the ground water recharging system.
- vi) The solid waste generated should be properly collected and segregated. The recyclable solid waste shall be sold out to the authorized vendors and inerts shall be sent to disposal facility. The Bio-degradable solid waste shall be adequately treated as per the scheme submitted by the project proponent. Prior approval of competent authority should be obtained, if required.
- vii) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
- viii) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety.
- ix) The project proponent should take adequate and appropriate measures to contain the ambient air quality within the prescribed standards. The proposal regarding mitigation measures to be taken at site should be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority within three months.
- x) Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.
- xi) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating.

- xii) 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.
- xiii) A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA in three months time.
- xiv) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

#### **PART B – General Conditions :**

- i) This environmental clearance will be valid for a period of five years from the date of its issue or till the completion of the project, whichever is earlier.
- ii) 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.
- iii) The entire cost of the environmental management plan (i.e. capital cost as well as recurring cost) will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/residents society under proper MOU after obtaining prior permission of the Punjab Pollution Control Board.
- iv) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by mail) to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA.
- v) Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh / State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee / Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the CCF, Regional Office of Ministry of Environment & Forests, Chandigarh/State Level Environment Impact Assessment Authority.
- vi) 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.
- vii) Separate distribution pipelines be laid down for use of treated effluent / raw water for horticultural/gardening purposes with different colour coding.



- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable. The project proponent shall also obtain permission from the NBWL, if applicable.
- ix) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh.
- x) These stipulations would be enforced among others under the provisions of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environmental (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- xi) Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project and decisions of any competent court, to the extent applicable.
- xii) The project proponent shall comply with the conditions imposed in the permission for CLU granted vide no. 1654 dated 27/7/2012.
- xiii) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- xiv) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO, Pb, Ozone (ambient air as well as stack emissions) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xv) The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility. Rs. 30 lacs will be utilized towards CSR for the below mentioned various activities and Rs.3.3 crore will be spent for maintenance of the activities to be undertaken under CSR programme:

**HEALTH:**

- Providing ambulance/mobile health van and maintenance of the same for in and around the area.

- Partnership with Govt. for National Health Programmes likes polio, Hepatitis-B, TB, Malaria, etc.
- Health camps for family planning, HIV/AIDS and other communicable diseases in and around the area.
- Medical facilities, periodical health check-up and vaccination for construction labours during construction period

**EDUCATION:**

- Programmes for primary education, specially for girl children in and around the area.
- Promoting and partnering Sarva Shiksha Abhiyaan.
- Adoption of schools for their better regulation and expansion of facilities.
- Scholarships to meritorious students in and around the area.
- R.O. water system, development of playground etc.

**SOCIAL AWARENESS PROGRAMMES:**

On issues like saving and well-upbringing of girl child, discouraging of alcohol, family feuds, etc., promoting tree plantations, rain water harvesting, in and around the area, etc.

**SOCIAL UPLIFTMENT:**

Adoption of village roads, wells/handpumps, cremation grounds, parks in the nearby sub-urban and rural areas etc. for their better construction/maintenance

**PROMOTION OF SPORTS, ARTS & CULTURE:**

- Financial aid to sports organizations in the district
  - Partnering in organization of programmes on arts & culture in schools/district at large
- xvi) The State Environment Impact Assessment Authority reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.
- xvii) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**Member Secretary (SEIAA)**

**REGISTERED**

**Endst. No. 9015-23\_\_\_\_\_**

**Dated 5.2.2014**

A copy of the above is forwarded to the following for information & further necessary action please.

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab State Power Corporation Ltd., The Mall, Patiala.
4. The Deputy Commissioner, SAS Nagar.
5. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
6. The Director (Environment), Ministry of Environment and Forest, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
  - a) Name of the applicant Sh. Gurmeet Singh
  - b) E-mail address gurmeet@atsgreens.com
7. The Chief Town Planner, Department of Town & Country Planning, 6<sup>th</sup> Floor, PUDA Bhawan, Phase-8, Mohali
8. Monitoring Cell, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
9. The Environmental Engineer (Computers), Punjab Pollution Control Board, Head Office, Patiala for displaying the environmental clearance on the web site of the State Level Environment Impact Assessment Authority.
10. The Executive Engineer, GMADA, Mohali.

**Member Secretary (SEIAA)**



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB**  
 Ministry of Environment, Forest & Climate Change, Government of India  
 O/o Punjab Pollution Control Board,  
 Vatavaran Bhawan, Nabha Road,  
 Patiala - 147 001  
 Telefax:- 0175-2215636

No. SEIAA/2018/64

Registered

Date: 7/1/19

To

M/s Shivalik Site Planners Pvt Ltd.,  
 SCO 510, Sector-70, Mohali

**Subject: Transfer of environmental clearance granted under EIA notification dated 14.09.2006 to M/s ATS Infrabuild Pvt Ltd., 407/408, First Floor, Sector 35-C, Chandigarh for development of group housing project namely "Casa Espana" located in Sector-121, Mohali in the name of M/s Shivalik Site Planners Pvt. Ltd.**

This has reference to your request on subject cited matter received in this office on 19.12.2018.

As decided by the SEIAA in its 140<sup>th</sup> meeting held on 21.12.2018, the environmental clearance granted to M/s ATS Infrabuild Pvt Ltd., vide letter no. SEIAA/M.S./2014/9014 dated 05.02.2014 for development of group housing project namely "ATS Casa Espana" in total plot area of the project 1,01,171.411 sqm (25 acres) out of which net planned area 80,937.129 (20 acres) having built up area 1,94,402.741 sqm at Sector-121, Mohali is hereby, transferred in the name of M/s Shivalik Site Planners Pvt. Ltd., SCO 510, Sector-70, Mohali subject to the same conditions as mentioned in the aforesaid environmental clearance.

This letter must remain appended with the original letter no. SEIAA/M.S./2014/9014 dated 05.02.2014 vide which environmental clearance has been granted to M/s ATS Infrabuild Pvt. Ltd, 407/408, First Floor, Sector 35-C, Chandigarh.

*(Signature)*  
**Member Secretary**

Endst. No. SEIAA/2018/

Dated

A copy of the above is forwarded to the following for information & further necessary action please.

1. The Secretary to Govt. of India, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110 003.
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.

**Acknowledgement Slip for TOR**

This is to acknowledge that the proposal has been successfully uploaded on the portal. The proposal shall be examined by MS of SEIAA to ensure that required information has been submitted. An email will be sent for seeking additional information, if any, within 5 working days. Once verified, an acceptance letter shall be issued to the project proponent.

Following should be mentioned in further correspondence

- 1. Proposal No.** : SIA/PB/MIS/71772/2022
- 2. Category of the Proposal** : INFRA-2
- 3. Project/Activity applied for** : 8(b) Townships and Area Development projects.  
Expansion of Group Housing Project "Casa
- 4. Name of the proposal** : Espana" at Village Badmajra, Sector 121,  
Mohali by M/s Shiwalik Site Planners Pvt. Ltd.
- 5. Date of submission for TOR** : 04 Feb 2022
- 6. Name of the Project proponent along with contact details**
  - a) Name of the proponent** : SHIWALIK SITE PLANNERS PRIVATE  
LIMITED
  - b) Mobile No.** : 9592015777
  - c) State** : Punjab
  - d) District** : SAS Nagar
  - e) Pincode** : 160071



## PROJECT PHOTOGRAPHS



Photographs showing construction status





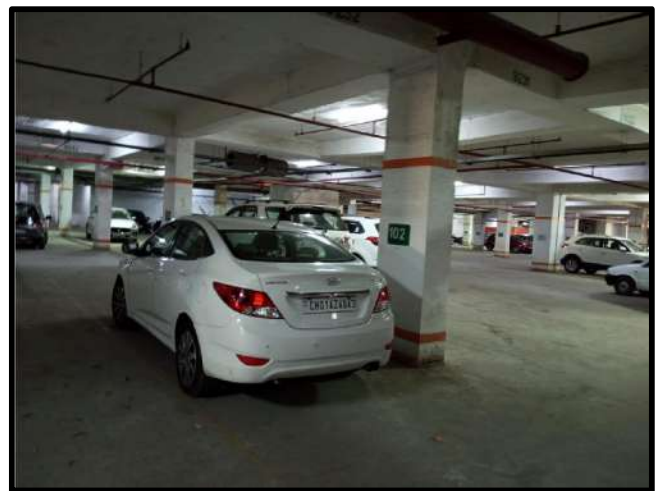
**Photographs showing Green Area within project**



**Fire Fighting Equipment**



**DG Sets**



**Basement Parking Area**







**Solar water heaters**



**RWR pits**



**Storage Area for Waste Drums**



**STP Plant Room**



**PUNJAB POLLUTION CONTROL BOARD**  
**Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala**

Website:- [www.ppcb.gov.in](http://www.ppcb.gov.in)

<b>Office Dispatch No :</b>	<b>Registered/Speed Post</b>	<b>Date:</b>
<b>Industry Registration ID:</b> R13SAS605367		<b>Application No :</b> 15671463

**To,**  
**Ghansham Sharma**  
**M/s Shiwalik Site Planners Pvt. Ltd. Sco 510, Sector-70,**  
**Mohali, Mohali-160071**

**Subject:** Extension in validity of consent to establish (NOC) under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981.

**1. Particulars of Consent to Establish (NOC) for Extension granted to the Industry**

<b>Certificate No.</b>	CTE/Ext/SAS/2021/15671463
<b>Date of issue :</b>	16/08/2021
<b>Date of expiry :</b>	31/03/2022
<b>Certificate Type :</b>	Extension
<b>Previous CTE/CTO No. &amp; Validity :</b>	CTE/Ext/SAS/2020/13902332 From:03/11/2020 To:31/03/2021

**2. Particulars of the Industry**

<b>Name &amp; Designation of the Applicant</b>	Ghansham Sharma, (Director)
<b>Address of Industrial premises</b>	Casa Espana By M/s. Shiwalik Site Planners Pvt. Ltd., Sector 121, Mohali, Kharar, Sas Nagar-160055
<b>Category of Industry</b>	Red
<b>Type of Industry</b>	Building, Const. projects, Township & Area development ..... covered under EIA notification dated 14/9/06
<b>Scale of the Industry</b>	Large
<b>Office District</b>	Sas Nagar

"This is computer generated document from OCMMS by PPCB"

Casa Espana By M/s. Shiwalik Site Planners Pvt. Ltd., Sector 121, Mohali, Kharar, Sas Nagar, 160055

Page 1

All the term and conditions same as mentioned in the original consent to establish (NOC) no. CTE/Ext/SAS/2020/13902332 dated 3/11/2020, valid upto 31/3/2021 issued to the project proponent. This extension letter may be appended with the original consent to establish (NOC) letter issued to the project proponent with an additional condition as under:

- 1) The promotor company will ensure that the solid waste is segregated into bio-degradable and recyclable components and will install mechanical composter for the treatment of wet waste generated within the premises, within one month.
- 2) The promotor company will keep record of treated waste-water used in flushing purposes.
- 3) The promotor company will ensure that the treated/untreated waste-water is not discharged into Patiala ki Rao choe, under any circumstances.
- 4) The promotor company shall comply with the conditions of Environmental Clearance granted to it vide no. SEIAA/M.S./2014/9014 dated 05.02.2014 under EIA, notification dated 14/09/2006 valid upto 05.08.2021. The promoter company shall not carry out any construction activity after the expiry of Environmental Clearance and without obtaining fresh Environmental Clearance.
- 5) The promotor company will not start any site development activity for phase-II without obtaining prior NOC and EC for the same.
- 6) The promotor company shall mark the plantation area/ pocket utilization of treated trade effluent @ 375 KLD on the plan quantity of treated wastewater in each plantation pockets.
- 7) No further construction in the project will be allowed unless it submits its proposal for the use of treated wastewater onto land for plantation.



16/08/2021

( Kuldeep Singh )  
Environmental Engineer

For & on behalf  
of

(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar.

16/08/2021

( Kuldeep Singh )  
Environmental Engineer

For & on behalf  
of

"This is computer generated document from OCMMS by PPCB"

Casa Espana By M/s. Shiwalik Site Planners Pvt. Ltd., Sector 121, Mohali, Kharar, Sas Nagar, 160055

Page2



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Send us your **feedback**  
and suggestions

click here for any kind  
complaints or query



Welcome Casa Espana by M/s. Shiwalik Site Planners Pvt. Ltd.

Date : 29-3-2022

### Consent Application Details

Application No : **18288655****Congratulations! Application submitted successfully.**

Please submit the required enclosures to concerned Office within 48Hrs with online submitted application.

Your Consent Application application has been received under the Application Number **18288655**. (Note this number for future communication and know the online status of the application submitted)

To view the submitted application form click onto "View Application Form" and To print the application form click onto "Print Application Form"

[View Application Form](#)Print ( [Application Form](#) )

**Head Office Address**  
**Member Secretary**  
**Punjab Pollution Control Board**  
**Vatavaran Bhawan, Nabha Road, Patiala, 147001,**  
**Punjab, India**  
**Phone: 91-175-2215793, 2215802**  
**Website: [www.ppcb.gov.in](http://www.ppcb.gov.in)**  
**Regional Office Address**

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[See rules 115 (2)]

7

**Pollution Under Control Certificate**

Authorised By :  
Government of Punjab

**Date** : 01/02/2022  
**Time** : 10:32:07 AM  
**Validity upto** : 31/07/2022



Certificate SL. No. : PB06500900000943  
Registration No. : PB65AD3628  
Date of Registration : 24/Nov/2015  
Month & Year of Manufacturing : June-2015  
Valid Mobile Number : \*\*\*\*\*9633  
Emission Norms : BHARAT STAGE III  
Fuel : DIESEL  
PUC Code : PB0650090  
GSTIN :  
Fees : Rs.100.00(GST as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	1.22

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

SARWARA  
PUC

Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By  
Government of Punjab

Date : 29/01/2022  
Time : 15:19:06 PM  
Validity upto : 28/07/2022



Certificate SL No. : PB06500090002325  
Registration No. : PB65N1932  
Date of Registration : 25/May/2011  
Month & Year of Manufacturing : March-2011  
Valid Mobile Number : \*\*\*\*\*4359  
Emission Norms : BHARAT STAGE III/IV  
Fuel : DIESEL  
PUC Code : PB0650009  
GSTIN :  
Fees : Rs.100.00(GST as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.27

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Haryana

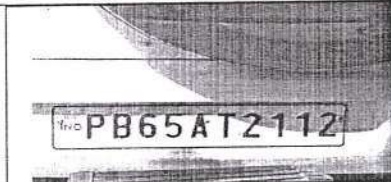
Date : 14/02/2022  
Time : 13:19:59 PM  
Validity upto : 13/02/2023



Certificate SL. No. : HR06700080004202  
Registration No. : PB65AT2112  
Date of Registration : 15/Sep/2018  
Month & Year of Manufacturing : April-2018  
Valid Mobile Number : \*\*\*\*\*0374  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : HR0670008  
GSTIN :  
MIL observation : No



Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.93

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By  
Government of Punjab

Date : 29/01/2022  
Time : 15:21:18 PM  
Validity upto : 28/07/2022



Certificate St. No. : PB06500090002326  
Registration No. : PB65AA9574  
Date of Registration : 27/Jul/2015  
Month & Year of Manufacturing : April-2015  
Valid Mobile Number : \*\*\*\*\*4359  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : PB0650009  
GSTIN :  
Fees : Rs.100.00(GST as applicable)  
Nil observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda		1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.9

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

## Pollution Under Control Certificate

Authorised By  
Government of Punjab

Date : 19/01/2022  
Time : 14:14:57 PM  
Validity upto : 18/07/2022



Certificate Sl. No. : PB06500090002267  
Registration No. : PB65AA8380  
Date of Registration : 25/Jun/2015  
Month & Year of Manufacturing : May-2015  
Valid Mobile Number : \*\*\*\*\*4359  
Emission Norms : BHARAT STAGE III/IV  
Fuel : DIESEL  
PUC Code : PB0650009  
GSTIN :  
Fees : Rs.100.00(GST as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.55

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



**Pollution Under Control Certificate**

Authorised By :  
Government of Punjab

Date : 01/02/2022  
Time : 10:30:23 AM  
Validity upto : 31/07/2022



Certificate SL. No. : PB065009000000942  
Registration No. : PB65AD3641  
Date of Registration : 24/Nov/2015  
Month & Year of Manufacturing : June-2015  
Valid Mobile Number : \*\*\*\*\*9658  
Emission Norms : BHARAT STAGE III  
Fuel : DIESEL  
PUC Code : PB0650090  
GSTIN :  
Fees : Rs.100.00(GST as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.62

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

SARWARA  
PUC



## TEST REPORT



ULR No. : TC74772200003376F		Test Report No. : EL210522NW002	
Type of Sample : Water (Ground Water)		Date of Reporting : 27/05/2022	
Customer	Group Housing Project namely "Casa Espana" located at Village Budmajra, Sector 121, S.A.S Nagar (Mohali), Punjab by M/s Shivalik Site Planners Pvt. Ltd.	Work Order No. & Date	EPSOLO/00014/22-23 DT:04.05.2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS:3025 (P-1) 1987 RA 2019	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	21/05/2022	Date of Receipt of Sample	21/05/2022
Sampling Location	Borewell	Testing Location	Permanent Facility
Testing Protocol	IS:10500-2012 (IInd Revision)	Period of Analysis	21/05/2022 To 27/05/2022
Sample Description	Clear, Colourless Liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic & 250ml Glass Bottle Marked 'S/21/01'		

## RESULTS

### I - Chemical Testing

#### 1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour	Colour Units	BDL(DL5)	5	15	IS: 3025 (Part-4)Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025 (Part-5)
3	pH @ 25°C	-	7.53	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL1)	1	5	IS 3025 (Part-10)
6	Chloride as Cl.	mg/l	16	250	1000	APHA-23rd Ed -4500 B Argentometric Method
7	Iron as Fe	mg/l	0.18	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
8	Total hardness as CaCO <sub>3</sub>	mg/l	190	200	600	IS :3025 (Part-21)

### II - Biological Testing

#### 1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

Simranjit Kaur

Authorized Signatory-Biological

Tanu Sharma

Authorized Signatory-Chemical





TC-7477

ULR No. : TC747722000003376F

Test Report No. : EL210522NW002

Type of Sample : Water (Ground Water)

Date of Reporting : 27/05/2022

Remarks : NA

**OTHER INFORMATION**

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***

Simranjit Kaur

Authorized Signatory-Biological



Tanu Sharma

Authorized Signatory-Chemical



TC-7477

## TEST REPORT

ULR No. : TC747722000003361F		Test Report No. : EL210522NS002	
Type of Sample : Soil		Date of Reporting : 27/05/2022	
Customer	Group Housing Project namely "Casa Espana" located at Village Budmajra, Sector 121, S.A.S Nagar (Mohali), Punjab by M/s Shiwalik Site Planners Pvt. Ltd.	Work Order No. & Date	EPSOLO/00014/22-23 DT:04.05.2022
		Customer reference No. (If any)	NA
Sampling Protocol	USEPA/600/R-92/128	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	21/05/2022	Date of Receipt of Sample	21/05/2022
Sampling Location	At Project Site	Testing Location	Permanent Facility
Testing Protocol	IS Method	Period of Analysis	21/05/2022 To 27/05/2022
Sample Description		Brown Coloured Soil.	
Packing, Markings, Seal & Qty.	5 Kg Poly Bag Marked 'S/21/01'		

## RESULTS

### I. Chemical Testing

#### 1. Pollution & Environment (Soil)

S.No.	Test Parameter	Unit	Result	Test Method
1	pH	--	7.96	IS:2720 (Part-26) Cl-2,
2	Conductivity	mmhos/cm	0.289	IS:14767
3	Moisture Content	%	6.8	IS:2720 (Part-II) Sec-1
4	Organic Matter	%	1.35	IS: 2720 (Part XXII) Sec-1,
5	Texture	--	Sandy Loam	IS:2720 (Part-4) Cl 2,4,
6	Bulk Density	gm/cc	1.51	IS: 2720 (Part-7)

Remarks : NA

### OTHER INFORMATION

Abbreviation :

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Umesh Kumar  
Authorized Signatory-Chemical





## TEST REPORT



TC-7477

ULR No. : TC747722000003394F		Test Report No. : EL230522NA005	
Type of Sample : Ambient Air Quality		Date of Reporting : 27/05/2022	
Customer	Group Housing Project namely "Casa Espana" located at Village Budmajra, Sector 121, S.A.S Nagar (Mohali), Punjab by M/s Shiwalik Site Planners Pvt. Ltd.	Work Order No. & Date	EPSOLO/00014/22-23 DT:04.05.2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	21/05/2022	Date of Receipt of Sample	23/05/2022
Sampling Location	At Project Site Near Gate No.2	Period of Analysis	23/05/2022 To 27/05/2022
Testing Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Environmental Conditions	Partially cloudy weather
Testing Location	On Site & Permanent Facility		

## RESULTS

### I-Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Method
1	Respirable Suspended Particulate Matter (as PM10)	µg/m³	87	100	IS: 5182 (Part-23)
2	Particulate Matter (as PM2.5)	µg/m³	47	60	Lab SOP: EL/SOP/AAQ/01, Issue No. 03, Jan 01
3	Sulphur Dioxide (as SO2)	µg/m³	12	80	IS: 5182 (Part-2)
4	Nitrogen Dioxide (as NO2)	µg/m³	24	80	IS: 5182 (Part-6)
5	Ammonia (as NH3)	µg/m³	15	400	Lab SOP: EL/SOP/AAQ/02, Issue No. -03, Jan 01
6	Ozone (as O3)	µg/m³	39	180	IS: 5182 (Part-9)
7	Carbon Monoxide (as CO),	mg/m³	0.65	04	IS: 5182 (Part-10), NDIR Method

Remarks : NA

### OTHER INFORMATION

Abbreviation :

Terms & Conditions :

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable  
Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



Umesh Kumar

Authorized Signatory-Chemical



## TEST REPORT

ULR No. : TC747722000003406F		Test Report No. : EL230522NN002	
Type of Sample : Ambient Noise		Date of Reporting : 27/05/2022	
Customer	Group Housing Project namely "Casa Espana" located at Village Budmajra, Sector 121, S.A.S Nagar (Mohali), Punjab by M/s Shiwalik Site Planners Pvt. Ltd.	Work Order No. & Date	EPSOLO/00014/22-23 DT:04.05.2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS 9989-1989, RA 2008.	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	21/05/2022	Date of Receipt of Sample	23/05/2022
Sampling Location	At Project Site (Gate No.2)	Period of Analysis	23/05/2022 To 23/05/2022
Testing Protocol	IS 9989-1989, RA 2008.		
Testing Location	On Site & Permanent Facility		

## RESULTS

### I- Chemical Testing

#### 1. Atmospheric Pollution (Ambient Noise Level)

S.No.	Test Parameters	Units	Results	Method
1	Ambient Day Time Noise Levels	dB(A)	53.5	LAB SOP: EL/SOP/AN/01, Issue No.-04, Nov 10

#### Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

\*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

### OTHER INFORMATION

#### Abbreviation :

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

#### Terms & Conditions :

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



Umesh Kumar

Authorized Signatory-Chemical





**PUNJAB  
ENERGY DEVELOPMENT  
AGENCY**  
(A Punjab Govt. Undertaking)

No. : 8273  
Dated : 12/11/2018

To

Shiwalik Site Planners Pvt. Ltd.  
SCO- 510, Sector-70,  
Mohali, Punjab

**Subject: -** NOC for Solar Water Heating Systems installed at Tower no. 4 & 7, Group Housing Project, ATS Casa Espana, Sector 121, Vill. Bar Majra, Mohali.

Dear Sir,

►Please refer to your letter no Nil. dated 14 08 2018 vide which you have requested for issue of the NOC for Solar Water Heating Systems (S.W.H.S) installed at Tower no. 4 & 7, Group Housing Project, ATS Casa Espana, Sector 121, Vill. Bar Majra, Mohali.

The capacity of 2x1200 LPD Solar Water Heating System is installed in each of these towers at Group Housing Project, ATS Casa Espana, Sector 121, Vill. Bar Majra, Mohali and the hot water is required to be used in kitchens. The systems have been installed as per MNRE GOI specifications.

Thanking you

Yours faithfully

Sr. Manager

## **SOLAR PASSIVE COMPLEX**

PLOT NO. 1-2, SECTOR 33-D, CHANDIGARH (U.T.) - 160 034 Tel. : 0172-2663328, 2663382  
Fax : 0172-2662865 E-mail : peda\_spa@yahoo.co.in Website : <http://www.peda.gov.in>

**PEDA : WORKING TOWARDS A SUSTAINABLE ENERGY FUTURE**



**PUNJAB  
ENERGY DEVELOPMENT  
AGENCY**  
(A Punjab Govt. Undertaking)

No. : 4584

Dated : 6/3/19

To

Shiwalik Site Planners Pvt. Ltd.  
SCO-510, Sector- 70,  
Mohali, Punjab

**Subject: -** NOC for Solar Water Heating Systems installed at Tower no. 8 & 9,  
Group Housing Project, Casa Espana, Sector-121, Vill. Bar Majra,  
Mohali.

Dear Sir,

Please refer to your letter No. Nil dated 07.02.2019 vide which you have requested for issue of the NOC for solar water heating systems (SWHS) installed at Tower no. 8 & 9, Group Housing Project, Casa Espana, Sector-121, Vill. Bar Majra, Mohali.

The capacity of 1200 LPD Solar Water Heating System is installed in each of these tower at Group Housing Project, ATS Casa Espana, Sector 121, Vill. Bar Majra, Mohali and the hot water is required to be used in kitchens. The systems have been installed as per MNRE, GOI specifications.

Thanking You,

Yours Sincerely

Sr. Manager

**SOLAR PASSIVE COMPLEX**

PLOT NO. 1-2, SECTOR 33-D, CHANDIGARH (U.T.) - 160 034 Tel. : 0172-2663328, 2663382  
Fax : 0172-2662865 E-mail : peda\_spa@yahoo.co.in Website : <http://www.peda.gov.in>

**PEDA : WORKING TOWARDS A SUSTAINABLE ENERGY FUTURE**



**PUNJAB  
ENERGY DEVELOPMENT  
AGENCY**  
(A Punjab Govt. Undertaking)

No. : 4599

Dated : 8/9/2020

To,

**Shiwalik Site Planners Pvt. Ltd  
SCO 510, Sector70,  
Mohali.**

**Subject: - NOC for Solar Water Heating Systems installed at Tower no.10  
of Group Housing Project Casa Espana, Sector 121, Vill.  
Budmajra, Mohali.**

Dear Sir,

Please refer to your letter, dated 17.08.2020 vide which you have requested for issue of the NOC for solar water heating systems (SWHS) installed at Tower-10 at Group Housing Project Casa Espana, Sector 121, Vill. Budmajra, Mohali.

As checked at site, it is submitted that FPC based Solar Water Heating System of capacity 1200 LPD is installed in Tower-10 at Group Housing Project Casa Espana, Sector 121, Vill. Budmajra, Mohali and the hot water is required to be used in Kitchens. These systems have been installed as per MNRE, GOI specifications.

Thanking You,

Yours Sincerely

**Sr. Manager (ST)**

**SOLAR PASSIVE COMPLEX**

PLOT NO. 1-2, SECTOR 33-D, CHANDIGARH (U.T.) - 160 034 Tel. : 0172-2663328, 2663382  
Fax : 0172-2662865 E-mail : [peda\\_spa@yahoo.co.in](mailto:peda_spa@yahoo.co.in) Website : <http://www.peda.gov.in>



8/1  
26/11/2021

Date: 23.11.2021

To,

**The Joint Director**  
Ministry of Environment, Forest & Climate Change,  
Regional Office (North),  
Government of India,  
Bay No. 24-25, Sector 31A,  
Chandigarh.

भारत सरकार / Shivalik  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Min. of Environment, Forests & Climate Change  
बेज नं. 24-25, सेक्टर 31-ए  
Bays No.24-25, Sec-31 A  
चण्डीगढ़/Chandigarh

**Subject: Submission of Six monthly compliance report for period ending 30.09.2021 for the Group Housing Project namely "Casa Espana" located at Village Budmajra, Sector 121, S.A.S Nagar (Mohali), Punjab by M/s Shivalik Site Planners Pvt. Ltd.**

Sir,

With reference to the EIA Notification & its amendments regarding submission of six monthly compliance report, we are hereby submitting six monthly compliance report for period ending 30.09.2021 for the above said project in soft copy in compact disk (CD) of the compliance report for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you

Sincerely

For M/s Shivalik Site Planners Pvt. Ltd.

For Shivalik Site Planners Pvt. Ltd.

Authorized Signatory

(Authorized Signatory)

Name : Ghansham Sharma  
Contact No. : 98781-11877  
Designation : Director  
E-mail : pb.compliance@atsgreens.com

**CC: Member Secretary, SEIAA Punjab, Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26, Chandigarh-160019.**

**Shivalik Site Planners Pvt. Ltd.**

Head off. : SCO 510, Sector 70, Mohali, Punjab  
Branch off.: SCO 105-106, Phase 10, Mohali, Pb  
Site off : Shivalik Avenue, Sector-125, Greater Mohali, Pb.  
Phone : +91 172 5013777, 4004777, 4005777  
Fax : +91 172 5013877

mail: [info@shivalikgroup.com](mailto:info@shivalikgroup.com)  
Web: [www.shivalikgroup.com](http://www.shivalikgroup.com)

Date: 23.11.2021



To,

**The Joint Director**  
Ministry of Environment, Forest & Climate Change,  
Regional Office (North),  
Government of India,  
Bay No. 24-25, Sector 31A,  
Chandigarh.

**Subject: Submission of Six monthly compliance report for period ending 30.09.2021 for the Group Housing Project namely "Casa Espana" located at Village Budmajra, Sector 121, S.A.S Nagar (Mohali), Punjab by M/s Shiwalik Site Planners Pvt. Ltd.**

Sir,

With reference to the EIA Notification & its amendments regarding submission of six monthly compliance report, we are hereby submitting six monthly compliance report for period ending 30.09.2021 for the above said project in soft copy in compact disk (CD) of the compliance report for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you

Sincerely

**For M/s Shiwalik Site Planners Pvt. Ltd.**

For Shiwalik Site Planners Pvt. Ltd.

Authorized Signatory

**(Authorized Signatory)**

**Name : Ghansham Sharma**  
**Contact No. : 98781-11877**  
**Designation : Director**  
**E-mail : pb.compliance@atsgreens.com**



✓ **CC: Member Secretary, SEIAA Punjab, Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26, Chandigarh-160019.**

**Shiwalik Site Planners Pvt. Ltd.**

Head off. : SCO 510, Sector 70, Mohali, Punjab  
Branch off.: SCO 105-106, Phase 10, Mohali, Pb  
Site off : Shiwalik Avenue, Sector-125, Greater Mohali, Pb.  
Phone : +91 172 5013777, 4004777, 4005777  
Fax : +91 172 5013877

mail: [info@shiwalikgroup.com](mailto:info@shiwalikgroup.com)  
Web: [www.shiwalikgroup.com](http://www.shiwalikgroup.com)



## PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- [www.ppcb.gov.in](http://www.ppcb.gov.in)

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R13SAS605367

Application No : 15704811

To,

**Ghansham Sharma**  
M/s Shiwalik Site Planners Pvt. Ltd. Sco 510, Sector-70,  
Mohali, Mohali-160071

**Subject:** Grant Varied 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.

With reference to your application for obtaining Varied 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

### 1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry

Consent to Operate Certificate No.	CTOA/Varied/SAS/2021/15704811
Date of issue :	21/06/2021
Date of expiry :	31/03/2022
Certificate Type :	Varied
Previous CTO No. & Validity :	CTOA/Renewal/SAS/2020/13902691 From:30/11/2020 To:31/03/2021

### 2. Particulars of the Industry

Name & Designation of the Applicant	Ghansham Sharma, (Director)
Address of Industrial premises	Casa Espana By M/s. Shiwalik Site Planners Pvt. Ltd., Sector 121, Mohali, Kharar, Sas Nagar-160055
Capital Investment of the Industry	58055.0 lakhs
Category of Industry	Red
Type of Industry	Building, Const. projects, Township & Area development ..... covered under EIA notification dated 14/9/06
Scale of the Industry	Large
Office District	Sas Nagar
Consent Fee Details	Rs.3,96,000/- vide UTR. no. KKBKR52021041600807484 dated 16.04.2021
Raw Materials (Name with Quantity per day)	N.A. being construction project.
Products (Name with Quantity per day)	260 Residential flats
By-products, if any, (Name with Quantity per day)	--

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Casa Espana By M/s. Shiwalik Site Planners Pvt. Ltd., Sector 121, Mohali, Kharar, Sas Nagar, 160055

Page1



<b>Details of the machinery and process</b>	<i>As per application no.</i>
<b>Quantity of fuel required (in TPD) and capacity of boilers/ Furnace/Thermo heater etc.</b>	1. One DG Set of capacity 500 KVA- Fuel HSD @ 45 Lit/day  2. One DG Set of capacity 200 KVA- Fuel HSD @ 18 Lit/day  3. One DG Set of capacity 65.5 KVA- Fuel HSD @ 6 Lit/day
<b>Type of Air Pollution Control Devices to be installed</b>	1. One DG Set of capacity 500 KVA- Canopy and stack of 5 mt. above roof provided.  2. One DG Set of capacity 200 KVA- Canopy and stack of 3 mt. above roof provided.  3. One DG Set of capacity 65.5 KVA- Canopy and stack of 2 mt. above roof provided.
<b>Stack height provided with each boiler/thermo heater/Furnace etc.</b>	1. One DG Set of capacity 500 KVA- Canopy and stack of 5 mt. above roof provided.  2. One DG Set of capacity 200 KVA- Canopy and stack of 3 mt. above roof provided.  3. One DG Set of capacity 65.5 KVA- Canopy and stack of 2 mt. above roof provided.
<b>Sources of emissions and type of pollutants</b>	03 no. DG sets - SPM, SOx and NOx
<b>Standards to be achieved under Air(Prevention &amp; Control of Pollution) Act, 1981</b>	<i>As per emission standards prescribed by the PPCB/ MoEF&amp;CC from time to time.</i>



21/06/2021

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf  
of*

**(Punjab Pollution Control Board)**

**Endst. No.:**

**Dated:**

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar.

21/06/2021

**( Kuldeep Singh )**  
**Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**



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*Casa Espana By M/s. Shiwalik Site Planners Pvt. Ltd.,Sector 121, Mohali,Kharar,Sas Nagar,160055*

*Page3*



## TERMS AND CONDITIONS

### A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Ltd. or for getting loan from the financial institutions.
2. The industry shall apply for renewal /extension of consent at least two months before expiry of the consent.
3. The industry shall not violate any of the norms prescribed under the Air (Prevention & Control of Pollution) Act, 1981, failing which, the consent shall be cancelled / revoked.
4. The achievement of adequacy and efficiency of the air pollution control devices installed shall be the entire responsibility of the industry
5. The authorized fuel being used shall not be changed without the prior written permission of the Board.
6. The industry shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height, as per the norms fixed by the Board from time to time.
7. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets.

#### Specifications of the port-holes shall be as under:-

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter ( $D_e$ ) shall be calculated from the following equation to determine upstream, downstream distance:-  
$$D_e = 2 LW / (L+W)$$
  
Where L= length in mts. W= Width in mts.
  - ii) The sampling port shall be 7 to 10 cm in diameter
8. The industry shall put display Board indicating environmental data in the prescribed format at the main entrance gate.
  9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

#### (i) Stack height for boiler plants

S.NO.	Boiler with Steam Generating Capacity	Stack heights
1.	Less than 2 ton/hr.	9 meters or 2.5 times the height of neighboring building which ever is more
2.	More than 2 ton/hr. to 5 ton/hr.	12 meters
3.	More than 5 ton/hr. to 10 ton/hr	15 meters
4.	More than 10 ton/hr. to 15 ton/hr	18 meters
5.	More than 15 ton/hr. to 20 ton/hr	21 meters
6.	More than 20 ton/hr. to 25 ton/hr.	24 meters
7.	More than 25 ton/hr. to 30 ton/hr.	27 meters
8.	More than 30 ton/hr.	30 meters or using the formula $H = 14 Q_g^{0.3}$ or $H = 74 (Q_p)^{0.24}$ Where $Q_g$ = Quantity of SO <sub>2</sub> in Kg/hr. $Q_p$ = Quantity of particulate matter in Ton/day.

**Note :** Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

**(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.**

**(iii) Stack height for diesel generating sets:**

Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt.
100-150 KVA	-do-	+ 2.5 mt.
150-200 KVA	-do-	+ 3.0 mt.
200-250 KVA	-do-	+ 3.5 mt.
250-300 KVA	-do-	+ 3.5 mt.

**For higher KVA rating stack height H (in meter) shall be worked out according to the formula:**

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

10. The pollution control devices shall be interlocked with the manufacturing process of the industry to ensure its regular operation.
11. The existing pollution control equipment shall be altered or replaced in accordance with the directions of the Board, and no pollution control equipment or chimney shall be altered or as the case may be erected or re-erected except with the prior approval of the Board.
12. The industry will provide canopy and adequate stack with the D.G sets so as to comply with the provision of notification No GSR-371 E dated 17-5-2002(amended from time to time) issued by MOEF under Environment (Protection) Act, 1986.
13. The Govt. of Punjab, Department of Science, Technology & Environment vide its notification no.4/46/92-3ST/2839 dt. 29/12/1993 has put prohibition on the use of rice husk as fuel after 1.4.1995 except the following:-  
***½In the form of briquettes and use of rice husk in fluidized bed combustion. So the industry shall make the necessary arrangement to comply with the above notification.½***
14. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year
15. That the industry shall submit a yearly certificate to the effect that no addition / up-gradation/ modification/ modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
16.
  - a) The industry shall ensure that at any time the emission do not exceed the prescribed emissions standards laid down by the Board from time to time for such type of industry /emissions.
  - b) The industry shall ensure that the emissions from each stack shall conform to the following emission standards laid down by the Board in respect of the Industrial Boilers.

Steam Generating capacity A.	Required particulate matter B.	
Area upto 5 Km from Other than 'A' class Other than the periphery of I and Class-II town		
Less than 2 ton/hr.	800 mg/NM3	1200 mg/NM3
2 ton to 10 ton/hr.	500 mg/NM3	1000 mg/NM3
Above 10 ton to 15 ton/hr	350 mg/NM3	500 mg/NM3
Above 15 ton/hr	150 mg/NM3	150 mg/NM3

All emissions normalized to 12% carbon dioxide.

17. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, without any adverse effect on the environment, in any manner.
18. The air pollution control equipments shall be kept at all time in good running condition and;

- (i) All failures of control equipments.
  - (ii) The emissions of any air pollutant into the atmosphere in excess of the standards lay down by the Board occurring or being apprehended to occur due to accident or other unforeseen act or event. 'Shall be intimated through fax to the concerned Regional Office as well as to the Director of Factories, Punjab, Chandigarh as required under rule 10 of the Punjab State Board for the Prevention and Control of Air Pollution Rules, 1983'.
19. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
  20. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.
  21. The industry shall comply with the conditions imposed by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
  22. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-
    - (i) Once in Year for Small Scale Industries.
    - (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.
  23. The industry shall maintain the following record to the satisfaction of the Board :-
    - (i) Log books for running of air pollution control devices or pumps/motors used for it.
    - (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.
    - (iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.
  24. The industry will install the separate energy meter for running pollution control devices and shall maintain record with respect to operation of air pollution control device so as to satisfy the Board regarding the regular operation of air pollution control device and monthly reading / record may be sent to the Board by the fifth of the following month.
  25. The industry shall provide online monitoring system as applicable, for in stack emission and shall maintain the record of the same for inspection of the Board Officers.
  26. The Board reserves the right to revoke the consent granted to the industry at any time, in case the industry is found violating the provisions of Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
  27. The industry shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.
  28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected to under this or any other Act.
  29. Any amendments/revisions made by the Board/CPCB/MOEF in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
  30. The industry shall dispose off its solid waste generated by the burning of fuel in an Environmentally Sound Manner within the premises/outside as approved by the Board, to avoid public nuisance and air pollution problem in the area.
  31. The industry shall ensure that no air pollution problem or public nuisance is created in the area due to the discharge of emissions from the industry.
  32. The industry shall provide adequate arrangement for fighting the accidental leakage/discharge of any air pollutant/gas/ liquids from the vessels, mechanical equipment's etc, which are likely to cause environmental pollution.
  33. The industry shall not change or alter the manufacturing process(es) and fuel so as to change the quality/quantity of emissions generated without the prior permission of the Board.
  34. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
  35. The industry shall obtain and submit Insurance cover under the Public Liability Insurance Act, 1991.
  36. The industry shall provide proper and adequate air pollution control arrangements for control emission from its fuel handling area, if applicable.

37. The industry shall comply with the code of practice as notified by the Government/Board for the type of industries where the siting guidelines / Code of Practice have been notified.
38. The industry shall not cause any nuisance/traffic hazard in vicinity of the area
39. The industry shall ensure that the noise & air emission from D.G. sets do not exceed the standards prescribed for D.G. sets by the Ministry of Environment & Forests, New Delhi.
40. The industry shall ensure that there will not be significant visible dust emissions beyond the property line
41. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry.
42. The Industry shall ensure that its production capacity does not exceed the capacity mentioned in the consent and shall not carry out any expansion without the prior permission / NOC of the Board.

**B. SPECIAL CONDITIONS**

- 1) The consent is valid for occupancy of 260 flats and the promoter company will apply for varied Consent to Operate of the Board for any increase in occupancy.
- 2) The promoter company will provide mechanical composter for the treatment of wet waste generated within the premises, within one month.
- 3) The promoter company will provide fixed pipeline for area under plantation developed with ridges & furrows.
- 4) The promoter company will obtain authorization under Hazardous & Other Wastes (Management & Trans boundary Movement) Rules, 2016 within one month.
- 5) The promoter company will provide the water meter over the treated water line leading to dual plumbing and keep record.
- 6) The promoter company will apply for extension in Environment Clearance to SEIAA, Punjab.
- 7) The promoter company will not start any site development activity for phase-2 without obtaining prior NOC and Environment Clearance for the same.



21/06/2021

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**



## PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R13SAS605367

Application No : 15705015

To,

Ghansham Sharma  
M/s Shiwalik Site Planners Pvt. Ltd. Sco 510, Sector-70,  
Mohali, Mohali-160071

**Subject:** Grant Varied 'Consent to Operate' an outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of effluent.

With reference to your application for obtaining Varied  $\frac{1}{2}$  Consent to Operate  $\frac{1}{2}$  an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate

### 1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry

Consent to Operate Certificate No.	CTOW/Varied/SAS/2021/15705015
Date of issue :	16/08/2021
Date of expiry :	31/03/2022
Certificate Type :	Varied
Previous CTO No. & Validity :	CTOW/Renewal/SAS/2020/13902782 From:03/11/2020 To:31/03/2021

### 2. Particulars of the Industry

Name & Designation of the Applicant	Ghansham Sharma, (Director)
Address of Industrial premises	Casa Espana By M/s. Shiwalik Site Planners Pvt. Ltd., Sector 121, Mohali, Kharar, Sas Nagar-160055
Capital Investment of the Industry	58055.0 lakhs
Category of Industry	Red
Type of Industry	Building, Const. projects, Township & Area development ..... covered under EIA notification dated 14/9/06
Scale of the Industry	Large
Office District	Sas Nagar
Consent Fee Details	Rs. 3,96,000/- vide UTR. no. KKBKR52021041600807484 dated 16.04.2021 (Rs. 3,60,000/- as Consent fee and Rs. 36,000/- as late fee)
Raw Materials (Name with quantity per day)	N.A. being Construction Project.
Products (Name with quantity per day)	Residential Flats @ 260 no.
By-Products, if any, (Name with quantity per day)	---
Details of the machinery and processes	As per details mentioned in the Application no. 15705015

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Casa Espana By M/s. Shiwalik Site Planners Pvt. Ltd., Sector 121, Mohali, Kharar, Sas Nagar, 160055

Page 1

<b>Details of the Effluent Treatment Plant</b>	<i>Total wastewater generation-137.6 KLD, Treated wastewater @ 45.5 KLD-Used for flushing purpose, Treated wastewater @ 92.1 KLD: Used onto land for plantation area approx. 1.25 acre development area and also develop area approx. 2.25 acres for green area (in the form of parks and plantation along the boundary).</i>
<b>Mode of Disposal</b>	<i>Total wastewater generation-137.6 KLD, Treated wastewater @ 45.5 KLD-Used for flushing purpose, Treated wastewater @ 92.1 KLD: Used onto land for plantation area approx. 1.25 acre development area and also develop area approx. 2.25 acres for green area (in the form of parks and plantation along the boundary).</i>
<b>Standards to be achieved under Water(Prevention &amp; Control of Pollution) Act, 1974</b>	<i>As per effluent standards prescribed by the PPCB/ MoEF&amp;CC from time to time.</i>



16/08/2021

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

**Endst. No.:**

**Dated:**

A copy of the above is forwarded to the following for information and necessary action please:

- 1) The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar.



16/08/2021

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**



## TERMS AND CONDITIONS

### A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall confirm to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/re-circulation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time , without any adverse effect on the environment, in any manner
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year.
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/ modification/ modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions.
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer, Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer, Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.
17. The industry shall provide online monitoring equipment<sup>1/2</sup>s for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.
18. The pollution control devices shall be interlocked with the manufacturing process of the industry.
19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board.
20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.

23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-
- (i) Once in Year for Small Scale Industries.
  - (ii) Four in a Year for Large/Medium Scale Industries.
  - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.
25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.
26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.
30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
- (i) Where unavoidable to prevent loss of life or some property damage or
  - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified.
33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period.
37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free.
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.

42. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.

**B. SPECIAL CONDITIONS**

- 1) The promotor company will ensure that the solid waste is segregated into bio-degradable and recyclable components and will install mechanical composter for the treatment of wet waste generated within the premises, within one month and intimate Board.
- 2) The promotor company will keep record of treated waste-water used in flushing purposes.
- 3) The promotor company will ensure that the treated/untreated waste-water is not discharged into Patiala ki Rao choe, under any circumstances.
- 4) The promoter company shall comply with the conditions of Environmental Clearance granted to it vide no. SEIAA/M.S./2014/9014 dated 05.02.2014 under EIA, notification dated 14/09/2006 valid upto 05.08.2021. The promoter company shall not carry out any construction activity after the expiry of Environmental Clearance and without obtaining fresh Environmental Clearance.
- 5) The promotor company will not start any site development activity for phase-II without obtaining prior NOC and EC for the same.
- 6) The promotor company shall mark the plantation area/ pocket utilization of treated trade effluent @ 375 KLD on the plan quantity of treated wastewater in each plantation pockets.
- 7) No further construction in the project will be allowed unless it submits its proposal for the use of treated wastewater onto land for plantation.



16/08/2021

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

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Welcome Casa Espana by M/s. Shiwalik Site Planners Pvt. Ltd.

Date : 31-3-2022

### Consent Application Details

**Application No : 18288261****Congratulations! Application submitted successfully.****Please submit the required enclosures to concerned Office within 48Hrs with online submitted application.**

Your Consent Application application has been received under the Application Number **18288261**. *(Note this number for future communication and know the online status of the application submitted)*

To view the submitted application form click onto "View Application Form" and To print the application form click onto "Print Application Form"

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**Head Office Address**  
**Member Secretary**  
**Punjab Pollution Control Board**  
**Vatavaran Bhawan, Nabha Road, Patiala, 147001,**  
**Punjab, India**  
**Phone: 91-175-2215793, 2215802**  
**Website: [www.ppcb.gov.in](http://www.ppcb.gov.in)**  
**Regional Office Address**

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**Punjab**  
State Pollution Control Board

# Online Consent Management & Monitoring System

Ministry of Environment, Forest and Climate Change  
Government of India



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Welcome Casa Espana by M/s. Shiwalik Site Planners Pvt. Ltd.

Date : 31-3-2022

## Consent Application Details

Application No : **18288277**

**Congratulations! Application submitted successfully.**

Please submit the required enclosures to concerned Office within 48Hrs with online submitted application.

Your Consent Application application has been received under the Application Number **18288277**. *(Note this number for future communication and know the online status of the application submitted)*

To view the submitted application form click onto "View Application Form" and To print the application form click onto "Print Application Form"

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**Head Office Address**  
**Member Secretary**  
**Punjab Pollution Control Board**  
**Vatavaran Bhawan, Nabha Road, Patiala, 147001,**  
**Punjab, India**  
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Control Board



**GREATER MOHALI AREA DEVELOPMENT AUTHORITY  
PUDA BHAWAN, SECTOR – 62, SAHIBZADA AJIT SINGH NAGAR**

To

✓ M/s Shiwalik Site Planners Pvt. Ltd,  
SCO 510. Sector 70,  
Mohali.

Memo No. GMADA/ STP/2020/

Dated: -

29/10/20 2417

**Sub: - Issuance of Partial completion Certificate (for towers 10) of Group Housing Project CASA ESPANA at sector 121 SAS Nagar.**

**Ref: - Your application dated 03-10-2020 .**


Whereas M/s Shiwalik Site Planners Pvt. Ltd, has applied for the issuance of Partial Completion Certificate for the Towers 10 of Group Housing under PAPRA license no LDC14/2013 dated 08-07-2013. This permission is granted on the basis of recommendations of Inspection Committee formulated under the provisions of notification no. 4966 CTP (Pb.) /SP-458-Vol.-5 dated 02-09-2014 subject to the following conditions: -

- i) The building shall be used only for the purpose, for which the Partial Completion Certificate is being granted.
- ii) That the company shall abide by the provisions of Punjab Regional and Town Planning and Development Act, 1995 , PAPRA 1995 (as amended time to time) and Rules framed there-under these acts.
- iii) That the company shall abide by all the conditions of the License no.LDC 14/2013 dated 08-07-2013 granted by GMADA.
- iv) This permission shall not provide any immunity from any other Act/Rules/ Regulations applicable to the land in question.
- v) That the Company shall abide by the conditions imposed by State Level Environment Impact Assessment Authority, Punjab issued vide letter no.64 dated 07-01-2019
- vi) That the company shall abide by the conditions of NOC from PPCB issued vide letter no 605367 dated 13-03-2019 and shall get it renewed within three months from issuance of this certificate and submit in this office .
- vii) That the company shall abide by the conditions imposed by Fire Wing, MC Mohali vide letter no. 18457 dated 02-09-2020 and get the fire certificate renewed every year as per the condition of the NOC .
- viii) That the company shall abide by the conditions imposed by Chief Engineer (Commercial), PSPCL, Patiala vide letter No. 577 dated 03-10-2017.
- ix) That the company shall get the occupation certificate from the competent authority before occupying the building.
- x) That the company shall obtain any other permission required under any other act at its own level.
- xi) That the company shall also maintain the internal services to the satisfaction of the Competent Authority.



- xii) That the company shall be solely responsible for disposal of storm/ rain water of its site till such time these services are made available by concerned Authority and shall not obstruct the flow of rain/ storm water of the surrounding area.
- xiii) That the company would make its own suitable provisions for drinking water supply and disposal of Sewage & Solid Waste Management.
- xiv) That the company shall formulate RWA within three months of issuance of this completion certificate and shall be liable for maintenance & operation of Public Utilities and common areas till handing over the project to Residential Welfare Association as per its undertaking and shall transfer the ownership of common areas in the name of RWA/ concerned authority.
- xv) That each part of building shall be used as per provisions of approved Zoning Plan and Sanctioned Building Plans/ Partial Completion Plans only and not for any other purpose.
- xvi) That the outer façade of the building shall not be used for the purpose of advertisements and placement of hoardings.
- xvii) That the company shall neither erect nor allow the erection of the communication and transmission towers on the top of the building block.
- xviii) That the company shall abide by all the conditions of all the departments imposed at the time of grant of respective approvals.
- xix) That the company shall be liable to pay arrears and any other taxes/ charges imposed by the Govt. / Competent Authority or any Department/ Agency if found due at any stage.
- xx) That the Company shall ensure power supply from PSPCL until then the power supply will be fed by the own source of the company.
- xxi) That the Partial Completion certificate is being granted based on the structure safety certificate submitted by the company and issued by structural engineer Sh. Kamal K Sabharwal , CE CON Engg. 175, PKT-E, Mayur Vihar-II, Delhi 110091 and supervision conducted by the concerned Architect. That the company / concerned structural engineer/ concerned Architect shall be responsible for any structural defects/ failures and this office shall not be responsible for any structural issues.
- xxii) That the company shall abide by the conditions of Chief Electrical Inspector, Punjab issued vide letter no. 001311 dated 20-07-2020.
- xxiii) That the company shall be bound to maintain common areas eg: parks/open spaces/ parking areas etc. completely as per the approved plans before seeking the final completion.
- xxiv) That the company shall be responsible for the public safety within the campus in all respects especially due to ongoing construction activity in incomplete towers and building.
- xxv) That the company shall abide by all the conditions imposed by any department while granting any approval/permission.

- xxvi) That the company shall abide all the conditions imposed at the time of approval of CLU, Layout Plan and Building Plan and approval of this Group Housing Project.
- xxvii) That the company shall abide by all the conditions imposed under RERA Registration.
- xxviii) That the company shall be liable to take final Completion Certificate from the Competent Authority.
- xxix) That out of above if any condition will not be fulfilled, then this Partial Completion Certificate shall deemed to be cancelled.


  
**Competent Authority –cum-  
Addl. Chief Administrator,  
GMADA, S.A.S. Nagar.**

**Endst. No. GMADA/STP/2019/**

**Dated: -**

Copy is forwarded to the following for information and necessary action:

- 1) Chief Administrator, PUDA,
- 2) Chief Town Planner, Punjab, PUDA Bhawan, SAS Nagar.
- 3) Chief Engineer, GMADA, S.A.S.Nagar.
- 4) Estate Officer, GMADA, S.A.S. Nagar.
- 5) Secretary, RERA Punjab.
- 6) GMIT, GMADA for uploading this certificate on website.

  
**Competent Authority –cum-  
Addl. Chief Administrator,  
GMADA, S.A.S. Nagar.**

## ATS Casa Espana, Sector 121, Mohali

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Enjoying seamless connectivity to bus terminals, airports, railway stations, commercial centres and hospitals, your home at the Casa Espana, Sector 121, Mohali could not have been more strategically located. An added advantage of the location of this residential project in Mohali is its proximity to the Sector 17 shopping district of Chandigarh, often considered the heart of the city.

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