



AGI INFRA LIMITED.
(BUILDERS & DEVELOPERS)

CIN : L45200PB2005PLC028466

SCO 1-5, Urbana, Jalandhar Heights II, Jalandhar - 144022, Punjab
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Date: 12-12-2022

To,
The Director,
Govt. of India, MOEF,
Northern Regional Office,
Bays No. 24-25,
Sector-31, Chandigarh. 160030

Subject: Submission of six-monthly compliance report of "Jalandhar Height-II" C/o M/s AGI Infra Ltd. Village Pholriwal, 66 Feet Road, Jalandhar, Punjab. For the period of December, 2022.

Dear Sir,

This is in reference to the requirement stated in Environmental Clearance granted by Ministry of Environment & Forests, Government of India, SEIAA, Punjab vide their letter No. **DECC/SEIAA/2019/462 Dated 06/06/2019**. Copy of the same was sent by them to your office as well. As per the part-a common condition no. (ix) of the Environment Clearance for our aforesaid project, we are herewith submitting the half yearly report for the monitoring period ending September, 2022.

Thanking you & Regards

Name: -Sh. Balvinder Singh Sandha
Phone No. 0181-2681986
Email: cfoagi66@gmail.com

Yours Sincerely,

M/s AGI Infra Ltd.

For AGI Infra Ltd.


Auth. Signatory

Authorized Signatory

1. **CC: The Environmental Engineer, Punjab Pollution Control Board, Zonal Office, near PSIEC, Water Tank, Focal Point, Jalandhar, Punjab.**

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Ministry of Environment, Forest and Climate Change
Northern Region Office
Chandiagr-160030
DATA SHEET

1) Project Type	This project falls under Category B under item No: 8(a) of the Schedule as the Built-up area is more than 20,000 sq. mts i.e. The total built-up area is 280135 sq. mts.
2) Name of Project	Jalandhar Heights II
3) EC letter No.	SEIAA/2017/914, dated 05.05.2017
EC Extension Letter No.	DECC/SEIAA/2019/462 dated 06.06.2019.
4) Location: a) District (S) b) State (S) c) Latitudes d) Longitudes	Jalandhar Punjab 31°15'30" North 75°31'11" East
5) Address for Correspondence	M/s AGI Infra Ltd., C/o Jalandhar Heights, 66 Road, Village Pholriwal, Near Urban Estate Phase-II, Jalandhar-144001 Tel: 0181-2681986 Tel./ Fax: 0181-2681986 Email: info@agiinfra.com
6) Salient features: a) of project b) of EMP	M/s AGI Infra Ltd. is developing a residential apartment complex in the name of "Jalandhar Heights-II" at Village Pholriwal, Tehsil & Distt. Jalandhar, Punjab. The total plot area is 76352 sq. mts and total built up area will be 280135 sq. mts. EMP cost during construction phase is Rs. 275 lacs and Rs. 75 lacs/year in the operation phase.
7) Breakup of project Area a) Submerged area forest & non forest. b) Others	NIL 76352 sqm.

8) Breakup of project affected population with enumeration of those losing houses/dwelling units only, agriculture land only both dwelling units and agriculture land and landless laborers/artisans a) SC/ST/Adivasis b) others	NA NA
9) Financial details a) Project cost as originally planned and subsequent revised estimates and the year of price rat reference. b) Allocation made for environmental management plans with item wise and year wise breakup. c) Benefit cost ratio/internal rate of return and year of assessment. d) Whether (c) includes the cost of environmental management as shown in b) above. e) Actual expenditure incurred on the project so far. f) Actual expenditure incurred on the EMP so far	122 crores EMP cost during construction phase is Rs. 275 lacs and Rs. 75 lacs/year in operation phase. -- -- 72.54 Crores 170 Lacs
10) Forest land requirement: a) The status of approval for diversion of forest land for non –forestry use. b) Status of clear felling c) The status of compensatory a forestation, if any. d) Comments on the viability & sustainability of compensatory a forestation programs in the light of actual field experience so far.	Granted FCA/1980/PBIP/69/2016/ 5888-91 dated 09.03.2018. NA Charges for ~500 m2of compensatory afforestation (as required by the competent authority) has been deposited. NIL
11) The status of clear felling in non-forest areas.	NIL
12) Status of construction: a) Date of commencement b) Date of completion.	Partial construction phase completed January 2016 August 2022
13) Reason for delay if any the projects yet to start.	NA

COMPLIANCE OF STIPULATED CONDITIONS OF EC

Sr. No.	Compliance Description	Remarks
Part A- Specific Conditions		
(I)	Pre-Construction Phase	
i.	“Consent to Establish” shall be obtained from Punjab Pollution Control Board under Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and 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.	Consent to Establish have been obtained from Punjab State Pollution Control Board (PPCB).
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 like toilets etc. are provided at the project site.
iii.	The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of firefighting equipment's etc. as per National Building Code including protection measures from lighting.	Complied. Required approvals have been obtained from the competent authority.
iv.	Provisions 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 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.	Labour from nearby villages are engaged in the construction, so therefore no housing facility is required. Temporary housing having drinking water, medical health care and toilet facilities etc. have been provided to construction labors.
v.	The project proponent shall comply with siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.	Noted and agreed for compliance.
(II)	Construction Phase	
i.	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	All the topsoil excavated during construction activities is being used in landscape development and horticulture development within the project site.
ii.	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. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and	Muck management plan has been prepared for the disposal of muck generated. The construction waste is being reused in the project and is not being discarded.

	debris chute shall be installed at the site during construction including plastic/tarpaulin sheet covers for trucks bringing in sand & material at the site.	
iii.	Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses and the dump sites for such material must be secured, so that they should not leach into the ground water.	Recyclable construction materials like cement bags etc. are disposed -off properly. No hazardous material is expected to be generated expect the spent oil from DG set, which is being disposed-off through authorized recycler as per applicable Rules & norms.
iv.	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.	Only PUC certified vehicles are engaged in construction.
v.	The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. A proper record in this regard should be maintained and available at site.	Treated water is being supplied from “Jalandhar Heights” Phase-I and a pipeline has been provided from treated water from STP.
vi.	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 and notification No. S.O. 2804 (E) dated 03.11.2009.	The PPC is being extensively used as basic construction material at the site. Fly ash in adequate quantity is being mixed with the pre-mix for preparation of construction purposes.
vii.	Water demand during construction should be reduced by use of premixed concrete, during agents and other best practices.	Premixed concrete and curing agents are being used during construction.
viii.	Adequate treatment facility for drinking water shall be provided, if required.	Complied: Drinking water facility has been provided.
ix.	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.	Agreed for compliance.
x.	The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing/ HVAC purposes etc. and colour coding of different pipe lines carrying water/wastewater/ treated wastewater as follows: a. Fresh water : Blue b. Untreated wastewater : Black c. Treated wastewater : Green (For reuse) d. Treated wastewater : Yellow (For discharge) e. Storm water : Orange	Dual plumbing for reuse of treated water shall be provided.
xi.	Fixtures for showers, toilet flushing and drinking should be of	Plumbing fixtures selected for

	low flow either by use of aerators or pressure reducing devices or sensor-based control.	implementation are invariably water saving ones.
xii.	Separation of drinking water supply and treated sewage supply should be done by the use of different colors.	The dual plumbing with plumbing lines in different colours shall be provided for fresh/drinking water supply and treated wastewater supply.
xiii.	<p>(a) 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 and National building code, 2005 on Energy conservation.</p> <p>(b) Solar power plant by utilizing at least 30% of total roof top area shall be installed for effective utilization of solar energy.</p>	<p>Adequate measures based on architectural design and building material selection has been incorporated in project planning (inconformance with the ECBC and NBC) for energy conservation.</p> <p>Roof-top PV based solar power is a part of project planning and purchase order for its on-site implementation (through a third party) has been placed.</p>
xiv.	The diesel generator sets to be used during construction phase should conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.	The DG set used by the unit is fully acoustic and only low Sulphur diesel is being used.
xv.	Chute system, separate wet & dry bins at ground level and for common areas for facilitating segregation of waste, collection centre and mechanical composter (with a minimum capacity of 0.3 kg/tenement/day) shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste. The project proponent shall comply with the provisions of Solid Waste Management Rules, 2016.	Agreed for compliance.
xvi.	Rainwater harvesting plan shall be designed where the recharge bores (minimum one per 5000 sq.m. of built up area) shall be provided. Recharging wells for roof top run-off shall have provision of adequate treatment for removing suspended matter etc. before recharging as per the CGWA guidelines. Run-off from areas other than roof top such as green areas and roads/pavement etc. may also be recharged but only after providing adequate treatment to remove suspended matter, oil & grease etc. and ensuring that rainwater being recharged from these areas is not contaminated with pesticides, insecticides, chemical fertilizer etc.	Provision of recharge wells along with interconnecting storm water drainage system shall be provided.
xvii.	The project proponent should fence the storage tank properly and in addition to this, the boundary wall shall be constructed at last stage or at least 2 feet high opening in the boundary wall be provided at ground level to allow adequate passage to the surface run off during construction phase.	Noted and agreed for compliance.
xviii.	At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside	Green area has been developed within the unit premises as well

	the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of land shall be planted and maintained. The existing trees may be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e., planting of three trees for every one tree that is cut) shall be done with the obligation to continue maintenance.	along the boundary of the project.
xix.	The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.	Noted and agreed for compliance.
xx.	The project proponent shall also adopt the new/innovating technologies and made a part of the environmental management plans like less water discharging taps (faucet with aerators)/urinals with electronic sensor system /water less urinals / twin flush cisterns/ sensor based alarming system for overhead water storage tanks so as to reduce the water consumption/ground water abstraction in their Building Construction & Industrial projects.	Plumbing fixtures selected for implementation are invariably water saving ones.
III. Operation Phase and Entire Life		
i.	“Consent to operate” 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 at the time of start of operation.	Noted & Agreed for compliance
ii.	The total water requirement for the project will be 890 KL/day, out of which 530 KL /day shall be met through own tubewell and remaining 360 KL/day through recycling of treated wastewater	Noted & Agreed
iii.	a) The total wastewater generation from the project will be 880 KL/day, which will be treated in a separate STPs of adequate capacities for black water and for grey water to be installed within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as per the details mentioned under the salient features. Both of the TPs shall be provided on the basis of module system so as to accommodate the lesser effluent receipts during the initial phase of lower occupancy.	Noted & Agreed
	b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.	Noted & Agreed
iv.	The project proponent shall ensure safe drinking water supply	Noted & Agreed

	to the habitants	
v.	The wastewater generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.	Noted & Agreed
vi.	A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.	Proper record has been maintained
vii.	Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines and maintenance schedule submitted by the project proponent.	Noted & Agreed
viii.	The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection centre & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3 kg/tenement/day and the inert solid waste shall be sent to the concerned collection centre of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained.	Noted & Agreed
ix.	Hazardous waste/E-waste should be disposed of as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.	Noted & Agreed
x.	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.	Required parking space has been provided within the project premises.
xi.	The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.	Noted & Agreed
xii.	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.	Plantation has been carried out within the project premises and along the boundaries.
xiii.	Solar power plant and other solar energy related equipment shall be operated and maintained properly.	Noted & Agreed
xiv.	A report on the energy conservation measures conforming to energy conservation norms 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.	Noted & Agreed
PART B – General Conditions:		
(I) Pre-Construction Phase		
i.	This environmental clearance will be valid for a period of five	Noted & Agreed.

	years from the date of its issue or till the completion of the project, whichever is earlier.	
ii.	The project proponent shall comply with the condition of CLU issued vide no. 730 dated 29.11.2016 and vide no.1533 dated 22.06.2015.	
iii.	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 and SEIAA, Punjab.	Complied. An advertisement regarding grant of the EC to the project has been Published in the local newspaper and copy of the same have been submitted through earlier compliance report.
iv.	The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of bore-well(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any Bore-well(s) exist at site.	PWRDA ground water application filing is in process as soon as we have received.
v.	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.	Copy of the EC has been sent to the MC, Jalandhar. EC letter has also been displayed on the website.
(II) Construction Phase		
i.	The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase and Corporate Social Responsibility and shall spend minimum amount of Rs. 275 Lacs towards capital investment and Rs. 75 Lac per year towards CSR activities as proposed in addition to the amount to be spent under the provisions of the Companies Act, 1956.	More than Rs. 50 lakhs has already been spent on the CSR/CER activities by the project proponent.
(III) Operation Phase and Entire Life		
i.	The entire cost of the environmental management plan 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 under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount of Rs.79 lacs per annum recurring expenditure as proposed	Noted & Agreed
ii.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1stMay 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 75 Lacs	As per the CER activities: <ul style="list-style-type: none"> • AGI Welfare School have been established and children of labour already enrolled. • Plantation has been done

	<p>towards CER activities.</p> <p>However, CER activities shall strictly be in accordance with the activities listed out in the OM dated 01.05.2018 and as per the following proposal submitted by the project proponent. The amount to be spent on CER activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.</p>	<p>alongside the road and proper maintenance is being taken on the regular basis.</p> <ul style="list-style-type: none"> First aid room already in place and medicine are being provided to labor & other needy person free of cost. <p>Beside these activities there are couple of activities in the pipeline, as soon as they are completed. Detail of the same will be submitted through upcoming six-monthly compliance report.</p>
PART C – Conditions common for all the three phases, i.e., Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life		
i.	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.	Agreed for compliance.
ii.	A first aid room will be provided in the project both during construction and operation phase of the project.	Complied: First aid room have been provided at the project site along with necessary aids. It is being maintained during the operation phase of the project.
iii.	Construction/provision of the STP, solid waste, e-waste, hazardous waste, storage facilities tube-well, DG Sets, Utilities etc., earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later on.	Construction has been carried as per the approved submitted layout plan. In case, if any such change is necessitated, a prior approval of the same will be obtained.
iv.	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.	The environment safe guards are being implemented in true spirit.
v.	Ambient air & 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 and all the mitigation measures should be taken to bring down the levels within the prescribed standards.	Ambient noise level conforms to permissible standards. Analysis reports attached herewith as annexure-iv .
vi.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation)	Complied: All of the required statutory clearances have been obtained.

	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 Standing Committee of National Board for Wildlife, if applicable.	
vii.	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.	Noted & Agreed.
viii.	A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.	Complying: Six-monthly reports have been uploaded on the firm website and proper record of the same have been maintained.
ix.	The project proponent shall also submit half yearly compliance reports in respect of stipulated prior environmental clearance terms & 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 and SEIAA, Punjab.	Complying: Six monthly monitoring reports are being submitted on regular basis to the Regional Office of MOEF, the Zonal Office of CPCB and the SPCB and SEIAA, Punjab.
x.	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.	Full cooperation, facilities and data for the implementation of environmental safeguards will be given to statutory bodies during their inspection at project site.
xi.	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.	Noted & Agreed.
xii.	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.	Noted & Agreed.
xiii.	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	Agreed and being uploaded regularly.

	simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the Company in the public domain.	
xiv.	The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.	There is no natural drain-line passing through the project site.
xv.	The unpaved area shall be more than or equal to 20% of the recreational open spaces.	Requirement of the unpaved area has been included in the project planning
xvi.	Environmental Management Cell shall be formed which will supervise and monitor the environment related aspects of the project.	The Environment Management Cell has been formed and it comprises of; <ul style="list-style-type: none"> • S. Sukhdev Singh, Managing Director • Mr. Ashwani Kant Aggarwal, General Manager • Mr. Saranjit Singh Sahi, Deputy General Manager Mr. Virender Singh, Project Manager
xvii.	The project proponent will always comply with the road widening condition for an area of 0.3 acres given in CLU granted by Department of Town & Country Planning, Punjab vide letter no. 2985 dated 21.12.2016.	Noted and Agreed for compliance.

Special Conditions

i.	The project proponent shall also get the parameters like SAR, RSC along with other parameters analysed for treated waste water before discharging the same onto land for irrigation purpose and the results shall be incorporated in the six-monthly compliance reports.	Complying
ii.	The provisions of the Solid Waste (Management) Rules,2016, e-Waste (Management) Rules,2016 and the Plastics Waste (Management) Rules,2016 shall be followed	Agreed and being complying
iii.	The project proponent shall comply with the conditions proposed by MoEE &CC, New Delhi vide OM dated 04.01.2019 applicable for such type of projects.	Agreed and being complying
iv.	The project proponent shall follow ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Agreed and being complying
v.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Agreed and being complying
vi.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on sewerage and Sewage Treatment Systems, 2013.	Noted & Agreed

EC



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJ
Ministry of Environment, Forest & Climate Change, New Delhi

Item no. 123
 O/O Punjab Pollution Control Bo
 VatavaranBhawan, Nabha Ri
 Patiala - 147
 Telefax:- 0175-2215

No. SEIAA/2017/ 914 REGISTERED
 To

Date: 5.5.17

Sh. Sukhdev Singh, Managing Director,
 M/s AGI Infra Ltd.,
 C/o Jalandhar Heights,
 66' Road, Village Pholriwal,
 Jalandhar

Subject: Environmental clearance under EIA notification dated 14.09.2006 for expansion of a Residential Apartment Complex namely "Jalandhar Heights-II" in the revenue estate of Villages Pholriwal, Tehsil & District Jalandhar, Punjab by M/s AGI Infra Limited. (Proposal no.SIA/PB/NCP/63179/ 2017)

This has reference to your application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for expansion of a Residential Apartment Complex namely "Jalandhar Heights-II" in the revenue estate of Villages Pholriwal, Tehsil & District Jalandhar, Punjab 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 the expansion of a Residential Apartment Complex namely "Jalandhar Heights-II" in the revenue estate of Villages Pholriwal, Tehsil & District Jalandhar, Punjab. The total plot area of the project after expansion will increase from 6.45 acres to 10.31 acres and total built up area will increase from 74636.8 sqm to 145366 sqm. The number of apartments after expansion will increase from 462 to 689. The resident population after expansion will increase from 2300 to 3450. The project proponent has submitted a

copy of CLU issued by PBIP, Chandigarh vide letter no. 730 dated 29.11.2016 wherein the land use has been changed from agriculture to Residential (Group Housing) for an area of 3.86 acres in Village Pholriwal, Distt. Jalandhar.

The total water requirement for the project after expansion will be 600 KL/day, out of which 400 KL/day of fresh water requirement will be met through ground water and remaining 200 KL/day will be met through recycling of treated wastewater.

The total wastewater generation from the project after expansion will be 420 KL/day, which will be treated in a STP to be installed within the project premises. The project proponent has proposed to use 120 KL/day of treated wastewater for flushing purpose, 80 KL/day will be used for irrigation of green area and remaining 220 KL/day will be discharged into M.C. sewer in summer season. In winter season, 120 KL/day of treated wastewater will be used for flushing purpose, 25 KL/day will be used for irrigation of green area and remaining 275 KL/day will be discharged into M.C. sewer. In rainy season, 120 KL/day of treated wastewater will be used for flushing purpose, 40 KL/day will be used for irrigation of green area and remaining 260 KL/day will be discharged into M.C. sewer. The project proponent has proposed to provide additional green area @ 6658 sqm i.e. total green area after expansion will be 10693 sqm in order to utilize treated waste water.

The total quantity of solid waste generation after expansion will be 1600 kg/day, which will be segregated at source as biodegradable and non-biodegradable components as per the Municipal Solid Waste (Management & Handling) Rules, 2016. The complex will have facility for segregation of solid waste into dry and wet waste. Dry waste will be collected in separate primary bins and stored for disposal. Recyclable dry waste will be sold to scrap dealers. Biodegradable and non-recyclable waste will be disposed through MSW facility operator of MC Jalandhar.

The total load of electricity required for group housing after expansion will be 3.7 MW which will be taken from the PSPCL. Silent multiple DG sets having capacity of 1500 KVA will be installed as stand by arrangement for power back-up. The project proponent has also proposed to utilize LED lamps, solar lights and other energy efficient electrical gadgets in the project to conserve energy. The E-waste generated will be stored in an isolated room and will be sold to the manufacturers as per E-Waste (Management), Rules 2016.

The project proponent has also proposed to provide rainwater harvesting system as per the norms of CGWA to recharge the rain water. Used oil to be generated from the DG sets will be managed & handled as per the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

The Environment Management Cell comprising of Sh. Sukhdev Singh (Managing Director), Sh. Ashwani Kant (General Manager), Sh. Sharan Singh Sahi (Dy. General Manager), Sh. Virender Singh (Project Manager) will be responsible for implementation of EMP. Rs. 1.55 crores will be incurred as capital cost and Rs. 57 lacs/annum on account of recurring charges will be incurred for implementation of EMP.

Promoter company will be responsible for implementation of Corporate Social Responsibility. The project proponent has proposed to spend Rs. 5 lacs towards CSR activities as in addition to the amount to be spent under the provisions of the Companies Act 1956.

The case was considered by the SEAC in its 159th meeting held on 01.05.2017, wherein, the Committee awarded 'Silver Grading' to the project proposal and decided that case be forwarded to the SEIAA with the recommendations to grant environmental clearance to the project proponent subject to certain conditions in addition to the proposed measures.

Thereafter, the case was considered by the SEIAA in its 123rd meeting held on 04.05.2017, wherein, the Authority noted that the case stands recommended by SEAC and the Committee awarded 'Silver Grading' to the project proposal. Therefore, the Authority decided to grant environmental clearance to the project proponent for expansion of a Residential Apartment Complex namely "Jalandhar Heights-II" having total plot area as 41703 m² (10.31 acres) and having total built up area as 145366 sqm in the revenue estate of Villages Pholriwal, Tehsil & District Jalandhar, Punjab subject to the following conditions in addition to the proposed measures. Accordingly, SEIAA, Punjab hereby accords necessary environmental clearance for the above project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments, subject to the following conditions in addition to the proposed measures:

PART-A – Conditions common for all the three phases i.e. Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life:

- (i) 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.
- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, DG Sets, Utilities etc, earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.
- (iv) 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.
- (v) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.
- (vi) 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.
- (vii) The State Environment Impact Assessment Authority, Punjab 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.
- (viii) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (ix) The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on 1st June and 1st December of each calendar year.
- (x) 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 APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.
- (xi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.

- (xii) 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.
- (xiii) 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 for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xiv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (xv) The unpaved area shall be more than or equal to 20% of the recreational open spaces.
- (xvi) Environmental Management Cell shall be formed which will supervise and monitor the environment related aspects of the project.

PART-B – Specific Conditions:

(I) Pre-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) The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of firefighting equipment's etc. as per National Building Code including protection measures from lightning.
- (iv) 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 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) Construction Phase:

- i) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- ii) Disposal of muck during construction phase should not create any adverse effect on the 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. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.
- iii) Construction spoils, including bituminous material and other hazardous

material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.

- iv) 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 emission standards.
- v) The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. A proper record in this regard should be maintained and available at site.
- vi) Fly ash based construction material should be used in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009.
- vii) Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- viii) The project proponent will provide sewer connectivity at his own cost in case sewer line is not laid to the project site from the main sewer before commissioning of the project.
- ix) Adequate treatment facility for drinking water shall be provided, if required.
- x) 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.
- xi) The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing/ HVAC purposes etc. and color coding of different pipe lines carrying water/wastewater/ treated wastewater as follows:
 - a) Fresh water : Blue
 - b) Untreated wastewater : Black
 - c) Treated wastewater : Green
 - (for reuse)
 - d) Treated wastewater : Yellow
 - (for discharge)
 - e) Storm water : Orange
- xii) 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.
- xiii) Separation of drinking water supply and treated sewage supply should be done by the use of different colors.
- xiv) (a) 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 and National Building Code, 2005 on Energy conservation.
 (b) Solar power plant of 240 KW by utilizing at least 30% of the open roof top area in the premises shall be installed for utilizing maximum solar energy. Also, LED lights shall be provided as proposed for illumination of common areas instead of CFL lights or any other conventional lights/ bulbs.
- xv) The diesel generator sets to be used during construction phase should conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.
- xvi) Chute system, separate wet & dry bins at ground level and for common areas for facilitating segregation of waste, collection centre and mechanical

composter (with a minimum capacity of 0.3kg/tenement/day) shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste.

- xvii) A rainwater harvesting plan shall be designed where the re-charge bores (minimum one per 5000 sqm of built up area) shall be provided. Recharging wells for roof top run-off shall have provision of adequate treatment for removing suspended matter etc. before recharging as per the CGWA guidelines. Run-off from areas other than roof top such as green areas and roads/pavement etc. may also be recharged but only after providing adequate treatment to remove suspended matter, oil & grease etc. and ensuring that rainwater being recharged from these areas is not contaminated with pesticides, insecticides, chemical fertilizer etc.
- xviii) Green belt of adequate width as proposed shall be provided so as to achieve attenuation factor conforming to the day & night standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of land shall be planted and maintained. The existing trees may be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of three trees for every one tree that is cut) shall be done with the obligation to continue maintenance.

(III) Operation Phase and Entire Life

- (i) "Consent to operate" 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 at the time of start of operation.
- (ii) The total water requirement for the project after expansion will be 600 KL/day, out of which 400 KL/day of fresh water requirement will be met through ground water and remaining 200 KL/day will be met through recycling of treated wastewater
- (iii) a) The total wastewater generation from the project will be 420 KLD, which will be treated in an STP to be installed at project site including wet weather flow. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as below:
- | Season | Reuse for flushing (KLD) | For green area (KLD) | Discharge into public sewer (KLD) |
|--------|--------------------------|----------------------|-----------------------------------|
| Summer | 120 | 80 | 220 |
| Winter | 120 | 25 | 275 |
| Rainy | 120 | 40 | 260 |
- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes. Only, the surplus treated wastewater shall be discharged onto land for plantation to be developed as per Karnal Technology/ into sewer after maintaining the proper record.
- (iv) The project proponent shall ensure safe drinking water supply to the habitants.
- (v) The wastewater generated from swimming pool(s) if provided shall not be discharged and the same shall be reused within the premises for purposes

- such as horticulture, HVAC etc.
- (vi) A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
 - (vii) Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines. Storm water other than roof top area will be treated before recharging.
 - (viii) The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection centre & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the concerned collection centre of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained.
 - (ix) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
 - (x) 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.
 - (xi) The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.
 - (xii) 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.
 - (xiii) Solar power plant and other solar energy related equipment's shall be operated and maintained properly.
 - (xiv) A report on the energy conservation measures conforming to energy conservation norms 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.

PART C – General Conditions :

- I. Pre-Construction Phase**
 - i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.
 - ii) 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 and SEIAA, Punjab.
 - iii) The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of bore well(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any bore

- well(s) exist at site.
- iv) The project proponent shall obtain CLU from the competent authority.
 - v) 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.

II. Construction Phase

- i) The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase and Corporate Social Responsibility and shall spend minimum amount of Rs.1.55 crore towards capital investment and Rs. 5 lacs/year towards CSR activities as proposed in addition to the amount to be spent under the provisions of the Companies Act 1956.

III. Operation Phase and Entire Life

- i. a) The entire cost of the environmental management plan 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 under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount of Rs. 57.00 lacs/annum as recurring expenditure as proposed in the EMP.
- b) The project proponent shall adhere to the commitments made in the proposal for CSR activities and shall spend a minimum amount of Rs 5 lacs /year as proposed. The list of activities in the Village namely Alipur, Pholriwal, Bhatti, Mithapur and Usmanpur.
 - 1) Arrangement for safe drinking water.
 - 2) Public hygiene and sanitation
 - 3) Health camps will be organized.
 - 4) Scholarships to students.
 - 5) Repair of roads, drains and village ponds.
 - 6) Organizing workshops/camps for educating community on-agriculture, energy conservation and solar energy, child women health-care, substance abuse etc.
 - 7) Plantation.
- ii) The diesel generator sets to be provided shall conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986. The exhaust pipe of DG set if installed must be minimum 10 m away from the building or in case it is less than 10 m away, the exhaust pipe shall be taken upto 3 m above the building.


Member Secretary

Endst. No.

Dated

A copy of the above is forwarded to the following for i-formation & 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 State Power Corporation Ltd, the Mall, Patiala.
4. The Deputy Commissioner, Jalandhar.
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. Sukhdev Singh, Managing Director
 - b) Contact no. : 98768-56700
 - c) E-mail ID : gi_builders@yahoo.co.in
7. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali
8. The Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110003.

sd -
Member Secretary

EC EXPANSION

 सत्यमेव जयते	STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB Ministry of Environment, Forest & Climate Change, Government of India O/o Directorate of Environment & Climate Change C/o PSCST, MGSIPA Complex, Sector 26, Chandigarh-160019 Tele-0172-2792325 Fax- 0172-2793143
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No. DECC/SEIAA/2019/ 462
To

REGISTERED

Date: 06/06/19

Sh. Sukhdev Singh, Managing Director
 M/s AGI Infra Limited,
 Village Pholriwal,
 Tehsil & District Jalandhar-144022

Subject: Environmental Clearance under EIA Notification dated 14.09.2006 for the expansion of group housing project namely "Jalandhar Height-II" located in the revenue estate of Village Pholriwal, Hadbast No. 252, 66' Road, Tehsil & District Jalandhar (Punjab) (Proposal No. SIA/PB/NCP/29988/2018)

This has reference to your online Proposal No. SIA/PB/NCP/29988/2018 for the expansion of group housing project namely "Jalandhar Height-II" located in the revenue estate of Village Pholriwal, having Hadbast no 252, 66' road, in the Tehsil & District Jalandhar submitted to the SEIAA, Punjab for grant of Environmental Clearance under the EIA notification dated 14.09.2006. 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, EIA report and the additional clarifications furnished in response to the observations of the SEAC. The salient features of the project are as under:-

1)	Name and Location of the project	Jalandhar Height-II Village Pholriwal, 66' Road, Jalandhar
2)	Nature of project (Fresh/Expansion Amendment/Others)	Expansion project
3)	Activity (As per schedule appended to EIA Notification, 2006 as amended time to time.)	8(b): Township Area Development Project.
	Category as per EIA Notification, 2006	Category B-1
4)	Total cost of the project	Rs.122 Crores

5)	Total Plot area, Built-up Area, Green area and details of flats in different Towers.	i)	Total Project land Area	Existing- 41703 sqm Proposed-34829 sqm Total- 76352 sqm
		ii)	Built-up Area	Existing- 145366 sqm Proposed-134769 sqm Total- 280135 sqm
		iii)	Green Area	16047 sqm (21.1%)
		iv)	Club	446 sqm
		v)	Residential Apartments	Existing-689 nos Proposed- 477 nos Total-1166 nos
		vi)	School,	1556 sqm
			Institution,	158 sqm
			Convenient shops	537 sqm
			Commercial area	3250 sqm
		vii)	Parking	Existing -1351 ECS Proposed-1023 ECS Total-2374 ECS
Details of Flats & Storeys in the different Towers				
Tower Name	Existing	Proposed	Total	Number of Storeys
A	56	0	56	14
B	56	0	56	14
C	56	0	56	14
D	56	0	56	14
E	56	0	56	14
F	60	0	60	15
G	57	0	57	15
H	57	0	57	15
I	57	0	57	15
J	57	0	57	15
K	57	0	57	15
EWS	64	-64	0	0
L	0	69	69	18
M	0	61	61	16
N	0	61	61	16
O	0	61	61	16
P	0	61	61	16
Q	0	61	61	16
R	0	61	61	16
EWS S1	0	60	60	4
EWS S2	0	46	46	4
	689	477	1166	
6)	Population (when fully inhabited)	5850 Persons		

7)	Water Requirements & Source (After Expansion)	<table><tr><th colspan="3">Break up of water requirement</th><th colspan="2">Source</th></tr><tr><td colspan="3">Total Water requirement : 890 KLD</td><td colspan="2" rowspan="4">Ground water Treated waste water</td></tr><tr><td>i)</td><td colspan="2">Fresh water:530 KLD</td></tr><tr><td>ii)</td><td colspan="2">Flushing:270 KLD</td></tr><tr><td>ii)</td><td colspan="2">Green Area: 90 KLD</td></tr></table>	Break up of water requirement			Source		Total Water requirement : 890 KLD			Ground water Treated waste water		i)	Fresh water:530 KLD		ii)	Flushing:270 KLD		ii)	Green Area: 90 KLD		
Break up of water requirement			Source																			
Total Water requirement : 890 KLD			Ground water Treated waste water																			
i)	Fresh water:530 KLD																					
ii)	Flushing:270 KLD																					
ii)	Green Area: 90 KLD																					
8)	Disposal Arrangement of Waste water (After Expansion)	<p>(i) Total waste water generation: 880 KLD</p> <p>(ii) Black water/ grey water shall be collected separately and same shall be treated separately at site in two STPs of adequate capacity.</p> <table><tr><th>Sr. No.</th><th>Season</th><th>For Flushing purposes (KLD)</th><th>Green Area (KLD)</th><th>Into M.C. sewer (KLD)</th></tr><tr><td>i)</td><td>Summer</td><td>270</td><td>90</td><td>520</td></tr><tr><td>ii)</td><td>Winter</td><td>270</td><td>25</td><td>585</td></tr><tr><td>iii)</td><td>Rainy</td><td>270</td><td>8</td><td>602</td></tr></table>	Sr. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	Into M.C. sewer (KLD)	i)	Summer	270	90	520	ii)	Winter	270	25	585	iii)	Rainy	270	8	602
Sr. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	Into M.C. sewer (KLD)																		
i)	Summer	270	90	520																		
ii)	Winter	270	25	585																		
iii)	Rainy	270	8	602																		
9)	Rain water recharging detail	21300 m ³ per Annum rainwater shall be recharged through 23 no. rechargeable pits.																				
10)	Solid waste generation and its disposal	<p>2600 kg/day solid waste will be generated out of which 600 Kg/day is Recyclable rejects & 2000 kg/day is Non-recyclable rejects .</p> <p>i) Collection and handling will be done through chute based arrangement</p> <p>ii) Segregation at source into recyclable, bio-degradable and non-recyclable rejects</p> <p>iii) Recyclable component shall be sold to the authorized recycler</p> <p>iv) Non-recyclable component shall be disposed through MC, Jalandhar</p> <p>v) Bio-degradable component shall be stabilized through on-site mechanical composter and used as manure</p> <p>vi) STP sludges shall be stabilized and used as soil conditioner.</p>																				
11)	Hazardous Waste & E-waste	<p>i) Spent/used oil from DG sets will be sold to approved recyclers as per EPA, 1986.</p> <p>ii) E-waste generated will be stored in an isolated room and will be sent to the manufacturers as per the EPA Rules.</p>																				
12)	Energy Requirements & Saving	<p>i) 6000 KW from State Power Supply.</p> <p>ii) 2500 KVA total capacity of DG sets equipped with canopy as standby arrangements will be provided.</p> <p>iii) Solar panel on the terrace covering 30% of the covered area, shall be installed through which 350 KW solar energy will be generated.</p>																				

The case was lastly considered by the SEAC in its 177th meeting held on 13.03.2019, wherein, the Committee observed that the project proponent has provided adequate and satisfactory clarifications to 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 under EIA notification dated 14.09.2006 for expansion of the project subject to certain conditions in addition to the proposed measures.

Thereafter, the case was lastly considered by the SEIAA in its 147th meeting held on 03.05.2019. The SEIAA observed that the case stands recommended by SEAC and the Committee awarded 'Silver Grading' to the project proposal. The Authority looked into all the aspects of the project proposal in detail and was satisfied with the same.

Therefore, the Authority decided to grant environmental clearance under category-B1 with project/ activity 8(b)- Townships & Area Development projects for the expansion of group housing project namely "Jalandhar Height-II" having salient feature proposed above, located in the revenue estate of Village Pholriwal, having H. B. No. 252, in the Tehsil & District Jalandhar, Punjab, subject to the conditions as proposed by the SEAC, in addition to the proposed measures. Accordingly, SEIAA, Punjab hereby accords necessary environmental clearance for the above project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments, subject to proposed measures & strict compliance of terms and conditions as follows:-

PART-A – Specific Conditions:

I. Pre-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) The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightning.

- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP / septic tank, 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.
- (v) The project proponent shall comply with siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.

II. Construction Phase:

- (i) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (ii) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed of after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.
- (iii) Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.
- (iv) 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 emission standards.
- (v) The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. A proper record in this regard should be maintained and available at site.
- (vi) Fly ash based construction material should be used in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009.
- (vii) Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- (viii) Adequate treatment facility for drinking water shall be provided, if required.
- (ix) 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.

- (x) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and colour coding of different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

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

- (xi) 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.
- (xii) Separation of drinking water supply and treated sewage supply should be done by the use of different colors.
- (xiii) (a) 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 and National Building Code, 2005 on Energy conservation.
- (b) Solar power plant by utilizing atleast 30% of the open roof top area in the premises shall be installed for utilizing maximum solar energy. Also, solar lights shall be provided as proposed for illumination of common areas instead of CFL lights or any other conventional light/bulbs.
- (xiv) The diesel generator sets to be used during construction phase should conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.
- (xv) Chute system, separate wet & dry bins at ground level and for common areas for facilitating segregation of waste, collection centre and mechanical composter (with a minimum capacity of 0.3kg/tenement/day) shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste.

- (xvi) A rainwater harvesting plan shall be designed where the re-charge bores (minimum one per 5000 sqm of built up area) shall be provided. Recharging wells for roof top run-off shall have provision of adequate treatment for removing suspended matter etc. before recharging as per the CGWA guidelines. Run-off from areas other than roof top such as green areas and roads/pavement etc. may also be recharged but only after providing adequate treatment to remove suspended matter, oil & grease etc. and ensuring that rainwater being recharged from these areas is not contaminated with pesticides, insecticides, chemical fertilizer etc.
- (xvii) The project proponent should fence the storage tank properly and in addition to this, the boundary wall shall be constructed at last stage or atleast 2 feet high opening in the boundary wall be provided at ground level to allow adequate passage to the surface run off during construction phase.
- (xviii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of land shall be planted and maintained. The existing trees may be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of three trees for every one tree that is cut) shall be done with the obligation to continue maintenance.
- (xix) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.
- (xx) The project proponent shall also adopt the new/innovating technologies and made a part of the environmental management plans like less water discharging taps (faucet with aerators)/urinals with electronic sensor system /water less urinals / twin flush cisterns/ sensor based alarming system for overhead water storage tanks so as to reduce the water consumption/ground water abstraction in their Building Construction & Industrial projects.

III. Operation Phase and Entire Life

- i) "Consent to operate" 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 at the time of start of operation.
- ii) The total water requirement for the project will be 890 KL/day, out of which 530 KL /day shall be met through own tubewell and remaining 360 KL/day through recycling of treated wastewater.

- iii) a) The total wastewater generation from the project will be 880 KL/day, which will be treated in a separate STPs of adequate capacities for black water and for grey water to be installed within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as per the details mentioned under the salient features. Both of the TPs shall be provided on the basis of module system so as to accommodate the lesser effluent receipts during the initial phase of lower occupancy.
- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- iv) The project proponent shall ensure safe drinking water supply to the habitants.
- v) The wastewater generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.
- vi) A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
- vii) Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines and maintenance schedule submitted by the project proponent.
- viii) The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection centre & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the concerned collection centre of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained.
- ix) Hazardous waste/E-waste should be disposed of as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
- x) 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.
- xi) The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.
- xii) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential

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land use.

- xiii) Solar power plant and other solar energy related equipment shall be operated and maintained properly.
- xiv) A report on the energy conservation measures conforming to energy conservation norms 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.

PART B – General Conditions :

I. Pre-Construction Phase

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.
- ii) The project proponent shall comply with the condition of CLU issued vide no. 730 dated 29.11.2016 and vide no.1533 dated 22.06.2015.
- iii) 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 and SEIAA, Punjab.
- iv) The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of borewell(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell(s) exist at site.
- v) 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.

II. Construction Phase

- i) The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase and Corporate Social Responsibility & shall spend minimum amount of Rs 275Lacs towards capital cost and Rs.75 Lacs towards CER activities as proposed in addition to the amount to be spent under the provisions of the Companies Act 1956.

III. Operation Phase and Entire Life

- i) a) The entire cost of the environmental management plan 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 under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount of Rs.79 lacs per annum recurring expenditure as proposed

in the EMP.

- a) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility (CER). The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 75 Lacs towards CER activities. However, CER activities shall strictly be in accordance with the activities listed out in the OM dated 01.05.2018 and as per the following proposal submitted by the project proponent. The amount to be spent on CER activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.

Sr. No.	Proposed CSER activity	Amount (INR)	Likely date of completion
1.	AGI Welfare School (for education of children of labour)	10,00,000.00	Dec., 2020
2.	Paver along 66 Ft. road (from Jalandhar to Village Pholriwal)	10,00,000.00	Sep., 2020
3.	Green belt maintenance, Jalandhar City	8,00,000.00	Mar., 2021
4.	Medical camp and medicine distribution	2,00,000.00	Dec., 2020
5.	Environment Protection Fund, Punjab Pollution Control Board #	5,00,000.00	Dec., 2020
# Matter for considering environment protection fund as CER activity is still under consideration. In case, the issue is not finalized till the time line prescribed for said activity, the project proponent will carry out alternative CER activity as prescribed under the OM 1.5.2018(amended from time to time)			
	Village Pholriwal		
6.	Construction and maintenance of road	12,00,000.00	July, 2020
7.	Provision and maintenance of solar street/road lights (40 nos.)	4,00,000.00	Oct., 2020
8.	Plantation (~100 trees)	1,00,000.00	Oct., 2020
9.	Maintenance of village pond	8,00,000.00	Dec., 2020
	Village Kadianwali		
10.	Cremation place – renovation, landscaping, shed, etc.	4,00,000.00	Mar., 2020
11.	Plantation (~200 trees)	2,00,000.00	Oct., 2020
12.	Provision and maintenance of solar street/road lights (20 nos.)	2,00,000.00	June, 2020
	Village Alipur		
13.	Provision and maintenance of solar street/road lights (20 nos.)	2,00,000.00	June, 2020
14.	Maintenance of village pond	5,00,000.00	Dec., 2020

	Total	75,00,000.00	
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- ii) The diesel generator sets to be provided shall conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986. The exhaust pipe of DG set if installed must be minimum 10 m away from the building or in case it is less than 10 m away, the exhaust pipe shall be taken upto 3 m above the building.

PART-C – Conditions common for all the three phases i.e. Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life:

- (i) 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.
- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, DG Sets, Utilities etc, earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.
- (iv) 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.
- (v) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.
- (vi) 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.
- (vii) The State Environment Impact Assessment Authority, Punjab 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.
- (viii) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (ix) The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective

- Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on 1st June and 1st December of each calendar year.
- (x) 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 APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.
 - (xi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
 - (xii) 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.
 - (xiii) 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 for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - (xiv) The project proponent shall submit action plan specifying the timeline for completion of activities under Corporate Social Environment Responsibility to the concerned Regional office of Punjab Pollution Control Board for the monitoring of the same, within 30 days from the date of issuance of the environmental clearance letter.
 - (xv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water. The unpaved area shall be more than or equal to 20% of the recreational open spaces.
 - (xvi) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.
 - (xvii) The plantation should be provided as per SEIAA guidelines and as per notification dated 09.12.2016 issued by MoEF&CC, New Delhi.
 - (xviii) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.

Special Conditions

- (i) The project proponent shall also get the parameters like SAR, RSC along with other parameters analysed for treated waste water before discharging the same onto land for irrigation purpose and the results shall be incorporated in the six-monthly compliance reports.
- (ii) The provisions of the Solid Waste (Management) Rules,2016, e-Waste (Management) Rules,2016 and the Plastics Waste (Management) Rules,2016 shall be followed.
- (iii) The project proponent shall comply with the conditions proposed by MoEE &CC,

- New Delhi vide OM dated 04.01.2019 applicable for such type of projects.
- (iv) The project proponent shall follow ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
 - (v) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 - (vi) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on sewerage and Sewage Treatment Systems, 2013.


Environmental Engineer

Endst. No. _____

Date _____ 

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, Jalandhar.
5. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
6. The Advisor (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.Sukhdev Singh
 - b) Phone Number : 9876856700
 - c) Email ID : sukhdevsinghagi@gmail.com
7. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali.
8. Monitoring Cell, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110003.


Environmental Engineer

ANALYSIS REPORTS- AMBIENT AIR



**CHANDIGARH POLLUTION
TESTING LABORATORY**
(Environmental Monitoring, EIA, NOC, ETP, STP)



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GSTIN No. : 03AMLPS9476P2ZX



TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

H.O. : #372, Sector 15-A, Chandigarh-160 015 ☎ : 0172-4669295, Website : www.cptl.co.in

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : sital_cptlmohali@yahoo.co.in, cptle126@gmail.com, lab@cptl.co.in

TEST CERTIFICATE

Format No. CPTLF 7.8-I(A)

REPORT No. CPTL/EC/09/2022/47(A)

REPORTING DATE: 09.09.2022

NAME OF INDUSTRY:	JALANDHAR HEIGHTS-2 C/O M/s AGI INFRA LTD, VILLAGE PHOLRIWAL, 66 FT ROAD, JALANDHAR, PUNJAB.
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SAMPLE PARTICULARS

Type of Sample:	Ambient Air
Point of Sample Collection:	Project Site
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Sample Identification No.	CPTL/EC/09/2022/47(A)
Date of Sample Collection	03.09.2022
Date of Sample Received in Lab	05.09.2022
Analysis Duration	05.09.2022 to 09.09.2022
Sample Collected By	Daljeet Singh & Team

S. No.	Test Parameters	Units	Results	Prescribed Standard as per NAAQS Notification 18 th Nov.2009	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	82.3	100	IS: 5182 (P-23) 2006, RA-2012
2.	Particulate Matter (PM _{2.5})	µg/m ³	39.6	60	SP-61, Issue Date-04-08-2012
3.	Sulphur Dioxide (SO ₂)	µg/m ³	6.9	80	IS: 5182 (P-2) 2001
4.	Nitrogen Oxides (NO ₂)	µg/m ³	24.1	80	IS: 5182 (P-6) 2006, RA-2012

(Chemist In-Charge)

Date: 9/9/22

Sital Singh (CEO)

(Authorized Signatory)

Date:

- The results are related to test items only.
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- Sample will be destroyed after retention time unless otherwise specified.

Page 1 of 1

END OF REPORT

GROUND WATER REPORT



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Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : sital_cptlmohali@yahoo.co.in, cptle126@gmail.com, lab@cptl.co.in

TEST CERTIFICATE

REPORT No. CPTL/EC/09/2022/47(W)

Format No. CPTLF 7.8-I(W)

REPORTING DATE: 09.09.2022

NAME OF INDUSTRY:	JALANDHAR HEIGHTS-2 C/O M/s AGI INFRA LTD, VILLAGE PHOLRIWAL, 66 FT ROAD, JALANDHAR, PUNJAB.
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SAMPLE PARTICULARS

Type of Sample	Ground Water (Grab)
Quantity & Packaging	2litres in Plastic Bottle +250 ml in sterilized glass bottle
Point of Sample Collection	From Tube well
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Date of Sample Collection	03.09.2022
Date of Sample Received in Lab	05.09.2022
Sample Identification no.	CPTL/EC /09/2022/47(W)
Analysis Duration	05.09.2022 to 09.09.2022
Sample Collected By	Daljeet Singh & Team
Visual Observation	Clear and Colorless

TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	7.54	6.5-8.5	No relaxation	APHA-4500H ⁺ , 23rd Edition
2.	Color, HU	<5	5	15	APHA-2030B, 23rd Edition
3.	Turbidity, NTU	<1	1	5	APHA-2130B, 23rd Edition
4.	Total Dissolved Solids, mg/l	345	500	2000	APHA-2540C, 23rd Edition
5.	Total Hardness (as CaCO ₃), mg/l	215	200	600	APHA-2340B, 23rd Edition
6.	Calcium (as Ca ⁺⁺), mg/l	36.2	75	200	APHA-3500B, 23rd Edition
7.	Magnesium (as Mg ⁺⁺), mg/l	20.8	30	1000	APHA-2340B, 23rd Edition
8.	Total Alkalinity (as CaCO ₃), mg/l	200	200	600	APHA-2320B, 23rd Edition
9.	Chloride (as Cl), mg/l	19.9	250	1000	APHA-4500B, 23rd Edition
10.	Sulphate (as SO ₄), mg/l	23.2	200	400	APHA-4500E, 23rd Edition
11.	Iron (as Fe), mg/l	0.11	1.0	No relaxation	APHA-3111B, 23rd Edition
12.	Zinc (as Zn), mg/l	ND (DL-0.5)	5	15	APHA-3030D, 23rd Edition
13.	Nitrate (as NO ₃), mg/l	ND (DL-1.0)	45	No relaxation	IS: 3035(Part-34), 1986
14.	Chromium (as Cr), mg/l	ND (DL-0.04)	0.05	No relaxation	APHA-3113B, 23rd Edition
15.	Manganese (as Mn), mg/l	ND (DL-0.09)	0.1	0.3	APHA-3030D & 3111B, 23rd Edition
16.	Lead (as Pb), mg/l	ND (DL-0.01)	0.01	No relaxation	APHA-3030D & 3111B, 23rd Edition

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Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : sital_cptlmohali@yahoo.co.in, cptle126@gmail.com, lab@cptl.co.in

Type of Sample	Ground Water(Grab)
Date of Sample Received in Lab	05.09.2022
Sample Identification no.	CPTL/EC /09/2022/47(W)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
17.	Copper (as Cu), mg/l	ND (DL-0.04)	0.05	1.5	APHA-3111B, 23rd Edition
18.	Boron (as B), mg/l	ND (DL-0.1)	0.5	1.0	APHA-4500B, 23rd Edition
19.	Cadmium (as Cd), mg/l	ND (DL-0.001)	0.003	No relaxation	APHA-3500 CD-A, 23rd Edition
20.	Fluoride,(as F) mg/l	ND (DL-0.1)	1.0	1.5	APHA, SPANDS Method 4500- F D
21.	Free Residual Chlorine , mg/l	ND (DL-0.1)	0.2	1	APHA-4500D, 23rd Edition
22.	E.coli/100 ml	Absent	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS : 1622-1981(RA 2009) ,MPN Method
23.	Total Coliforms, MPN/100 ML	<2	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS : 1622-1981(RA 2009) ,MPN Method

ND-Not Detected
DL-Detection Limit

Chemist In-Charge

Date: 9/9/22

Sital Singh (CEO)
(Authorized Signatory)
Date: 09/09/2022

- The results are related to test items only.
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Page 2 of 2

END OF REPORT

NOISE LEVEL MONITORING REPORT



**CHANDIGARH POLLUTION
TESTING LABORATORY**
(Environmental Monitoring, EIA, NOC, ETP, STP)



GSTIN No. : 03AMLPS9476P2ZX



H.O. : #372, Sector 15-A, Chandigarh-160 015 ☎ : 0172-4669295, Website : www.cptl.co.in

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : sital_cptlmohali@yahoo.co.in, cptle126@gmail.com, lab@cptl.co.in

TEST CERTIFICATE

Format No. CPTLF 7.8-I(N)

REPORT No. CPTL/EC/09/2022/47(AN)

REPORTING DATE: 09.09.2022

NAME OF INDUSTRY:	JALANDHAR HEIGHTS-2 C/O M/s AGI INFRA LTD, VILLAGE PHOLRIWAL, 66 FT ROAD, JALANDHAR, PUNJAB.
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SAMPLE PARTICULARS

Type of Sample	Noise Level Monitoring
Sample Identification No.	CPTL/EC/09/2022/47(AN)
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Date of Monitoring	03.09.2022
Date of Reporting	09.09.2022
Sample Collected By	Daljeet Singh & Team

S. No.	Test	Location	Unit	Results	Test method
1.	Ambient Day Time Noise Levels 1 Hour <i>L_{eq}</i>	Average Noise Level Around project site	dB(A)	56.9	IS: 9989:1981 R-2003

[Signature]
(Chemist In-Charge)
Date: 9/9/22

[Signature]
Sital Singh (CEO)
(Authorized Signatory)
Date: 09/09/2022

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.

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END OF REPORT

PROJECT SITE PHOTOGRAPHS



CONSTRCTIION COMPLETED SO FAR



PLANTATION PHOTOGRAPHS



PARK PHOTOGRAPHS



DISPENSARY PROVIDED AT SITE