



## AGI INFRA LIMITED.

(BUILDERS & DEVELOPERS)

CIN : L45200PB2005PLC028466

SCO 1-5, Urbana, Jalandhar Heights II, Jalandhar - 144022, Punjab  
Phone : 0181-2681986 | Tel/Fax : 0181-2681886 | gi\_builders@yahoo.co.in  
info@agiinfra.com | www.agiinfra.com

Date:09-12-2022

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 Heights-III" By  
M/s AGI Infra Ltd. Village Pholriwal (H.B. No. 52), Tehsil & District-  
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. SEIAA/PB/MIS/2022/EC/01 Dated 24/02/2022. Copy of the same was sent by them to your office as well. As per the miscellaneous condition no. (vi) 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

**CONTACT DETAILS:**

Name: -Sh. Balvinder Singh Sandha

Phone No. 0181-2681986

Email: Cfoagi66@gmail.com

Yours Sincerely,  
M/s AGI Infra Ltd.

For AGI Infra Ltd.

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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## DATA SHEET

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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	85 Crores  EMP cost during construction phase is Rs. 35 lacs and Rs. 141.6 lacs in operation phase.  --  --  The project not started yet  --
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.	NA NA NIL NIL
11) The status of clear felling in non-forest areas.	NIL
12) Status of construction: a) Date of commencement b) Date of completion.	Construction phase not started yet February 2022 December 2024
13) Reason for delay if any the projects yet to start.	CTE is yet to be obtained.



## ANNEXURE-I

### **COMPLIANCE OF STIPULATED CONDITIONS OF EC**

<b>S. No.</b>	<b>Conditions</b>	<b>Reply</b>
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Agreed. All necessary permissions are being obtained as and when necessary.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	Agreed. The building has been designed in a way that it is earthquake resistant and as per NBC norms.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	No forest land is involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	The project does not fall in eco-sensitive zone of bird or wildlife sanctuary. Thus, NBWL clearance is not required
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	CTE establish is yet to be obtained.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	Infrastructure ground water permission are on hold from PWRDA, Punjab.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Agreed

8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	All of the required statutory clearances already obtained.
9.	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 shall be complied during operation phase.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Noted & agreed for compliance.
<b>II. Air quality monitoring and preservation:</b>		
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Agreed. The same will be complied during construction of project.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	The same will be complied during construction of project.
3.	The project proponent shall install system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	Ambient air quality is being monitored and latest analysis reports for ambient air quality are attached as annexure-iii.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State	Agreed. Silent DG sets conforming to provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986 will be used during operational phase.

	Pollution Control Board.	
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	All necessary steps shall be taken at the project site to reduce the air pollution and to improve the air quality.
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Agreed. It will be made sure that the construction material is covered properly.
7.	Wet jet shall be provided for grinding and stone cutting	Agreed and shall be complied during construction phase.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Agreed and shall be complied during construction phase.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	Construction waste produced from the project site will be used within the project premises for leveling purpose etc.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	DG set to be used during construction phase will be of low Sulphur diesel type and confirm to EPA.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central	Agreed for compliance.

	Pollution Control Board (CPCB) norms.	
12.	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed. NBC has been followed during building plan approval
<b>III</b>	<b>Water quality monitoring and preservation:</b>	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Agreed. It will be made sure that no natural drainage will not be altered during the construction as well as the operational phase.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Agreed.
3.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Agreed. Records will be maintained & submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
4.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Agreed.
5.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Agreed.
6.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc	Agreed. Dual pipe plumbing system will be provided.

	and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling conditioning etc. shall be done.	
7.	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Agreed. Water saving fixtures are being provided.
8.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Agreed and shall be complied during construction phase.
9.	Water demand during construction should be reduced by use of pre- mixed concrete, curing agents and other best practices referred.	Agreed. Best practices shall be adopted.
10.	Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Agreed. 04 no. of recharging pits shall be provided.
11.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	Noted & agreed
12.	All recharge should be limited to shallow aquifer.	Agreed
13.	No ground water shall be used during construction phase of the project.	Agreed. No ground water will be used for the construction process.
14.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Agreed.
15.	The quantity of fresh water usage, water	Agreed.

	recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	
16.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	Agreed. Wastewater generated during operation phase will be treated in STP and treated water will be recycled for flushing, landscaping, etc
17.	No sewage or untreated effluent water would be discharged through storm water drains.	Agreed. It will be made sure that no sewage or untreated effluent water is discharged into storm water drains. Wastewater generated from operation phase will be treated in STP and treated water is will be recycled for flushing, landscaping, etc.
18.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Agreed. The waste water will be being treated in the STP provided within the project premises.
19.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odors problem from STP.	Water quality is being regularly monitored. Recent test report are enclosed as Annexure-III.
20.	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.	Agreed. Sludge generated from STP will be utilized as manure within the project premises only.

<b>IV</b>	<b>Noise monitoring and prevention:</b>	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB	Ambient noise levels are monitored. Recent test report is enclosed as Annexure III.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Agreed. Ambient noise levels are monitored. Recent test report is enclosed as Annexure-III.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Agreed. The noise levels will be maintained by providing canopy enclosure as well as ear plugs.
<b>V</b>	<b>Energy Conservation measures:</b>	
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Agreed and shall be complied.
2.	Outdoor and common area lighting shall be LED.	Agreed for compliance.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Noted & Agreed.

4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning	Agreed. Energy conservation building Code and National Building Code, 2005 on Energy Conservation will be adopted. Also, solar lights will be provided for illumination of common areas.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-law's requirement, whichever is higher.	Agreed.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	Noted and agreed for compliance.
<b>VI</b>	<b>Waste Management:</b>	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Mechanical composter shall be provided during operation phase.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority	Agreed. The muck generated during construction phase will be used for leveling and filling purpose within the project. No muck will be disposed-off outside the premises.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Agreed. Separate wet and dry bins are provided for segregation of waste
4.	Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/person/day	Agreed for compliance in operation phase.



	must be installed.	
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Agreed.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	No hazardous waste is will be generated other than used oil from D.G Set.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials.	Agreed, fly ash brick will be used.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	Agreed.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Agreed.
10.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Agreed. Used CFLs will be disposed-off to approved recycler.
<b>VII Green Cover:</b>		
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Agreed.  There will be no tree cutting.

2.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	Agreed and shall be obtained in case if there is cutting of trees.
3.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Agreed.  The top soil excavated during construction phase will be used for landscaping within the project premises to the maximum possible extent.
<b>VIII</b>	<b>Transport:</b>	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.	Agreed.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	Agreed. Vehicles having valid PUCs will be engaged in the construction.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure	Agreed

	<p>that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p>	
<b>IX</b>	<b>Human health issues:</b>	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Agreed. Personal Protection Equipment (PPE) will be provided to workers for safety.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.	Noted
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Required facilities such as drinking water, clean toilets, medical facilities will be provided to the labors.

5.	Occupational health surveillance of the workers shall be done on a regular basis.	Agreed. Regular health check-up of the workers are being done on regular basis.										
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.	Agreed. First aid room will be provided at construction site and will also provide during operation phase										
X	Environment Management Plan											
i	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders' / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Noted & Agreed										
ii	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Noted & Agreed										
1.	Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in separate accounts and not to be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs. 146.00 Lacs towards the capital cost and Rs. 30.60 Lacs/annum towards recurring cost in the construction and operation phase of the project including the environmental monitoring cost as per the detail given as under:											
	<table><tr><th>Sr. No.</th><th>Description</th><th>Capital Cost (Rs. in Lacs)</th><th>Recurring Cost (Rs. in Lacs)</th><th>Compliance Status</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>	Sr. No.	Description	Capital Cost (Rs. in Lacs)	Recurring Cost (Rs. in Lacs)	Compliance Status						
Sr. No.	Description	Capital Cost (Rs. in Lacs)	Recurring Cost (Rs. in Lacs)	Compliance Status								

<b>Construction Phase</b>				<b>As soon as construction started CER activity will be taken up accordingly.</b>
1	Medical Cum First Aid	1.0	0.5	
2	Toilets for workers	1.0	0.5	
3	Wind breaking curtains	4.0	0.5	
4	Sprinklers for suppression of dust	2.0	0.5	
5	CER Activities	12.5	12.5	
	<b>Sub Total</b>	20.5	14.5	
<b>Operation Phase</b>				<b>Will be complied in operation phase.</b>
1	Sewage Treatment Plant	80.0	5.0	
2	Laying of sewer line from project site to the trunk sewer of JDA existing nearby the project site	20.0	3.0	
3	Solid Waste segregation & disposal	20.0	5.0	
4	Green Belt including Grass coverage	5.0	3.10	
	<b>Total</b>	<b>125.5</b>	<b>16.10</b>	
<b>Corporate Environmental Responsibility (CER) activities*</b>				
As proposed, the project proponent shall spend Rs. 25 lacs under Corporate Environmental Responsibility (CER) plan as per the detail given as under:				
<b>Sr. No.</b>	<b>Activities</b>	<b>Annual Expenditure</b>	<b>Timeline</b>	<b>Recurring Expenditure for maintenance for 3 Year (in lakhs)</b>
1	Plantation 2500 tall plants of minimum 6ft height and woody stem of native species	12.5	1 year	12.5

	like Neem, Drek, Kadam, Kusum, Semul, Pilkhan, Peepul, Banyan, Chakrassia etc shall be planted in the vicinity of the project and same shall be maintained for 3 years			
	<b>Total</b>	<b>12.5</b>	<b>1 year</b>	<b>12.5</b>
The entire cost of the environmental management plan will continue to be borne by the project proponent for the lifetime of the project. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.				
<b>XI. Validity</b>				
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	Noted & Agreed		
<b>XII. Miscellaneous</b>				
i	The project proponent shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.	Noted & Agreed		
ii	The project proponent shall comply with the conditions of CLU.	Noted & Agreed		
iii	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.	Agreed for compliance		
iv	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the	Noted & Agreed		

	Government who in turn has to display the same for 30 days from the date of receipt.	
v	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Agreed. Environmental Clearance letter as well as previous compliance including test results will be uploaded on the company's website.
vi	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at Environment Clearance portal and submit a copy of the same to SEIAA.	Complied:  The six-monthly compliance report is uploaded on the Environment Clearance portal too.
vii	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Agreed for compliance after one year of operation.
viii	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted & Agreed
ix	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed. Stipulations made by the State Pollution Control Board and the State Government is being strictly followed.
x	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during their presentation to the Expert Appraisal Committee.	Agreed. The commitments made during the time of EC are being followed and will be followed during operational phase as well.
xi	No further expansion or modifications in the project shall be carried out, other than mentioned in the EIA Notifications, 2006 and its amendments, shall be carried out without prior approval of the Ministry of	Agreed. No further changes will be made without the prior permission from the board.

	Environment, Forests and Climate Change (MoEF&CC)/SEIAA, as applicable. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
xii	The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/information/monitoring reports.	Agreed. Full cooperation will be extended to the officer of the Regional Office and PPCB by furnishing the requisite data/information/monitoring reports.
xiii	This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Courts, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted & Agreed
<b>XIII. Additional Conditions</b>		
I	The Project Proponent shall develop green belt with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit provided that the number of trees to be planted should not be less than one tree per 80 sq.m of the total project area. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.	Agreed for compliance during the operation phase.
ii	The project proponent shall plant tall saplings having height not less than 6 ft. The proponent shall make adequate provision of funds for raising	Noted & Agreed



	the plantation and subsequent maintenance for three years in the Environment Management Plan..	
iii	The project proponent shall submit the progress of developing the green belt in the six monthly compliance report.	Agreed: Status of green belt development such as photographs will be submitted through compliance report.
iv	The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed so that the natural flow of rain water etc is not impeded or disrupted in any manner.	Noted & Agreed

## EC

ENVIRONMENTAL  
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)

**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Issued by the State Environment Impact Assessment**  
**Authority(SEIAA), Punjab)**

To,

The General Manager  
 ASHWANI KANT  
 Village- Pholliwal, Tehsil & District Jalandhar, Punjab -144022

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/PB/MIS/246234/2021 dated 18 Jan 2022. The particulars of the environmental clearance granted to the project are as below.

- |  |   |
|--|---|
| 1. EC Identification No.                   | <b>EC22B038PB136048</b>   |
| 2. File No.                                | SEIAA/PB/MIS/2022/EC/01   |
| 3. Project Type                            | New   |
| 4. Category                                | B2  |
| 5. Project/Activity including Schedule No. | 8(a) Building and Construction projects   |
| 6. Name of Project                         | Jalandhar Heights-III by M/s AGI Infra Limited at Village- Pholliwal (H.B.NO.- 52), Tehsil- Jalandhar, District- Jalandhar, Punjab. |
| 7. Name of Company/Organization            | ASHWANI KANT  |
| 8. Location of Project                     | Punjab  |
| 9. TOR Date                                | N/A   |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 24/02/2022

(e-signed)  
 Rajesh Dhiman, IAS  
 Member Secretary  
 SEIAA - (Punjab)

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

*This is a computer generated cover page.*

This has reference to your online proposal no. SIA/PB/MIS/246234/2021 dated 18.01.2022 for environmental clearance to the above-mentioned project.

2) State Environment Impact Assessment Authority, Punjab has examined the proposal of establishment of Residential Group Housing Project namely "Jalandhar Heights-III" having built up area of 86,983 sqm and total project area of 24,817 sqm at Village Pholriwal, Tehsil & District Jalandhar (Punjab). The project is covered under category 'B2' of activity 8(a); 'Building and Construction projects' as per the schedule appended to the EIA Notification 14.09.2006 and its subsequent amendments and requires appraisal at State level.

3) The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 on the basis of mandatory documents enclosed with online application viz Form-1,1A, EMP, Conceptual plan and additional documents and subsequent presentation /clarifications made by the project proponent and his consultant to the observations of SEIAA and SEAC.

4) As per the report of Punjab Pollution Control Board sent vide email dated 07.01.2022, no construction activity pertaining to the project was started at the site except for securing the land and the site of the project is conforming to the sitting guidelines laid down by the Govt. of Punjab, Department of Science Technology and Environment.

5) This is a new project. The details of the project, as per the application and documents/ presentation submitted by the project proponent and also as informed during the meetings of SEAC/SEIAA are as under:

Sr. No.	Item	Details
1.	Name and Location of the project	AGI Infra Limited, Village Pholriwal, Jalandhar, Punjab
	Project/activity	8 (a)
	Category as per EIA Notification, 2006	Category B2
2.	Classification/Land use pattern as per Master Plan	Residential Zone,  Change of Land use (CLU) has been obtained vide memo no. 469 STP(J)/CLU dated 31.03.2021 for total land area of 6.132 Acres for developing group housing project.
3.	Cost of the project	Rs. 85 Crores

4.	Total Plot area, Built up Area and Green area	Land		24,817 Sqm (6.132 Acres)		
		Total Built-up area		86,983 Sqm		
		Green Area		8686 Sqm (35%)		
		3 BHK Flats (324)		50,787 Sqm		
		EWS Flats (32)		1301 Sqm		
		Basement Area		21,093 Sqm		
		Stilt & Balconies		13,802 Sqm		
5.	Latitude & Longitude	Sr. No.	Latitude		Longitude	
		A	31°15'23.56"N		75°35'11.53"E	
		B	31°15'23.58"N		75°35'13.19"E	
		C	31°15'15.66"N		75°35'16.74"E	
		D	31°15'215.62"N		75°35'13.48"E	
		E	31°15'20.86"N		75°35'9.14"E	
6.	Estimated Population	2230 persons				
7.	Water Requirements & source during Operation Phase	Break up of water requirement			Source	
		Fresh Water: 184 KLD			Ground Water	
		Flushing Water: 66 KLD			Treated Wastewater from STP	
		Total water demand: 250 KLD				
8.	Disposal Arrangement of Waste water	Total @ 200 KLD wastewater will be generated which will be treated in the STP of capacity 250 KLD to be installed within the project premises. The details of the disposal arrangement of treated waste water of available at the outlet of STP is given as under:				
		Sr. No.	Season	Flushing (KLD)	Green Area (KLD)	MC Sewer
		1.	Summer	60	47	93
		2.	Winter	60	16	124
		3.	Rainy	60	4	136
9.	Rain water recharging detail	04 nos. of recharging pits with dual bore will be provided to recharge the rainwater @12417 m3/year of the building after treatment through oil & Grease traps.				
10.	Solid waste generation and its disposal	a) 1004 kg/day  b) Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable and non-biodegradable Components.				

		c) Biodegradable waste will be composted by use of Mechanical Composter of adequate capacity. Recyclable waste will be recycled through authorized recyclers. Inert waste will be disposed at own cost to approved dumping site.
11.	Hazardous Waste & E-waste	500 ltr/annum; Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed of as per the E-waste (Management) Amendment Rules, 2018.
12.	Energy Requirements & Saving	a) 2100 KW energy will be required for the project which will be met from PSPCL. b) 212.5 KWHD energy will be saved by using LED lights and solar lights in common areas.

6) As per the undertaking submitted by Project Proponent, the proposal neither requires approval/clearance under the Forest (Conservation) Act, 1980 nor under the Wildlife (Protection) Act, 1972. Also, no litigation is pending in respect of the land on which the project is to be developed.

7) The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, has examined the proposal submitted by the project proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the project proponent in its 213<sup>th</sup> meeting held on 24.01.2022. The SEAC noted that the project proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/misleading at any stage, the project may be rejected and Environmental Clearance given, if any, may be revoked at the risk and cost of the project proponent.

8) The Committee noted that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee decided to forward the case to the SEIAA with the recommendation to grant Environmental Clearance for establishment of Residential Group housing project namely "Jalandhar Heights III" located at Village Pholriwal, Jalandhar, Punjab having proposed built-up area of 86983 sqm in the total land area of 24817 sqm, as per the details mentioned in the application proposal & subsequent presentation /clarifications made by the project proponent and his consultant.

9) The case was lastly considered by the SEIAA in its 200<sup>th</sup> meeting held on 08.02.2022 wherein SEIAA observed that the case stands recommended by SEAC. 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 the Environmental Clearance for establishment of residential group housing project namely "Jalandhar Heights III" located at Village Pholriwal, Jalandhar, Punjab having proposed built-up area of 86983 sqm in total land area of 24817 sqm developed by M/s AGI Infra



Limited as per the details mentioned in the Form 1, 1A, EMP and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures and subject to conditions proposed by SEAC in addition to the proposed measures.

10) Accordingly, SEIAA, Punjab hereby accords Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments subject to proposed measures and strict compliance of terms and conditions as follows:

**I) Statutory compliances:**

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

shall submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whose jurisdiction, the site falls.

- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is being granted.

## **II) Air quality monitoring and preservation**

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to undertake Ambient Air Quality monitoring for common /criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel would be the preferred option. The location of the DG sets may be decided in consultation with Punjab Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke and other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 m height or 1/3rd of the building height and maximum up to 10 m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted.

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

### **III) Water quality monitoring and preservation**

- i) The natural drainage system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed which obstructs the natural drainage through the site, in wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- iii) Buildings shall be designed to follow the natural topography as far as possible. Minimum cutting and filling should be done.



- iv) The total water requirement for the project will be 250 KL/day, out of which fresh water demand of 184 KL /day shall be met through own tube well. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
- v) a) The total wastewater generation from the project will be 200 KL/day, which will be treated in STP of capacity 250 KL/day within the project premises. As proposed, treated wastewater available at outlet of STP will be as reutilized as under: -

Sr. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	Into Public Sewer (KLD)
1.	Summer	60	47	93
2.	Winter	60	16	124
3.	Monsoon	60	4	136

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

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

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

- xiv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and adopting other best practices.
- xv) The CGWA provisions on rain water harvesting should be followed. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of plot area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for

reuse. As per the proposal submitted by the project proponent, 4 no. rain water recharge pits have been proposed for ground water recharging as per the CGWB norms. The ground water shall not be withdrawn without approval from the Competent Authority.

- xvi) All recharge should be limited to shallow aquifer.
- xvii) No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and should be available at site.
- xviii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xix) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC and SEIAA along with six monthly Monitoring reports.
- xx) Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing and gardening. No treated water shall be disposed of into the municipal storm water drain.
- xxi) No sewage or untreated effluent would be discharged through storm water drains. Onsite sewage treatment with capacity to treat 100% waste water will be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry / SEIAA before the project is commissioned for operation. Treated waste water shall be reused on-site for landscape, flushing, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxii) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxiii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

#### **IV) Noise monitoring and prevention**

- i) Ambient noise levels shall conform to residential area/commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental

pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce noise levels during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.

- ii) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

**V) Energy Conservation measures**

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

**VI) Waste Management**

- i) A certificate from the competent authority handling municipal solid waste, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and should be safely disposed taking the necessary



precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

- iii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- v) Any hazardous waste generated during construction phase, shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vi) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- vii) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- viii) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- ix) Used CFLs and TFLs should be properly collected and disposed of or sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

#### **VII) Green Cover**

- i) No naturally growing tree should be felled/transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department.
- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure planting of 310 trees (@1 tree/80 Sqm of Total Land Area) in the project area at the identified location, as per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 6 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years. The plants shall be protected and maintained by the project proponent or Residents Welfare Association, as the case

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

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

#### **VIII) Transport**

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

augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

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

**IX) Human health issues**

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust masks.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India should be followed.
- iii) Emergency preparedness plan based on the Hazard identification and Risk Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv) Occupational health surveillance of the workers shall be done on a regular basis.
- v) A First Aid Room shall be provided in the project both during construction and operations of the project.

**X) Environment Management Plan**

- i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- ii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization.
- iii) Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in separate accounts and will not be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs. 146 Lacs towards the capital cost and Rs. 30.6 Lacs/annum towards recurring cost in the

construction and operation phase of the project including the environmental monitoring cost as per the details given as under:

Sr. no	Description	Capital Cost (Rs. in Lacs)	Recurring cost (Rs. in Lacs)
<b>Construction Phase</b>			
1.	Medical Cum First Aid	1.0	0.5
2.	Toilets for workers	1.0	0.5
3.	Wind breaking curtains	4.0	0.5
4.	Sprinklers for suppression of dust	2.0	0.5
5.	CER Activities*	12.5	12.5
	<b>Total</b>	<b>20.5</b>	<b>14.5</b>
<b>Operation Phase</b>			
1.	Sewage Treatment Plant	80.0	5.0
2.	Laying of sewer line from project site to the trunk sewer of JDA existing nearby the project site	20	3
3.	Solid Waste segregation & disposal	20.0	5.0
4.	Green Belt including grass coverage	5.0	3.10
	<b>Total</b>	<b>125.5</b>	<b>16.1</b>

**Corporate Environmental Responsibility (CER) activities\***

As proposed, the project proponent shall spend Rs. 25 lacs under Corporate Environmental Responsibility (CER) plan as per the detail given as under:

Sr. No.	Activities	Annual Expenditure (in lakhs)	Timeline	Recurring Expenditure for maintenance for 3 Year (in lakhs)
1.	<b>Plantation</b> 2500 tall plants of minimum 6ft height and woody stem of native species like Neem, Drek, Kadam, Kusum, Semul, Pilkhan, Peepul, Banyan, Chakrassia etc shall be planted in the vicinity of the project and same shall be maintained for 3 years	12.5	1 year	12.5
	<b>Total</b>	<b>12.5</b>	<b>1 year</b>	<b>12.5</b>



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

**XI) Validity**

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

**XII) Miscellaneous**

- i) The project proponent shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.
- ii) The project proponent shall comply with the conditions of CLU, if obtained.
- iii) The project proponent shall prominently advertise in at least two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn have to publicly display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at Environment Clearance portal and submit a copy of the same to SEIAA.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put the same on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as SEIAA Punjab, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.

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

**XIII) Additional Conditions:**

- i) The Project Proponent shall develop green belt with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit provided that the number of trees to be planted should not be less than one tree per 80 sq.m of the total project area. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.
  - ii) The project proponent shall plant tall saplings having height not less than 6 ft. The proponent shall make adequate provision of funds for raising the plantation and subsequent maintenance for three years in the Environment Management Plan.
  - iii) The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.
  - iv) The Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed so that the natural flow of rain water etc is not impeded or disrupted in any manner.
- 11) The SEIAA reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said

conditions in a time bound manner. SEIAA may revoke or suspend the environmental clearance if implementation of any of the above conditions is not found to be satisfactory.

12) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

13) 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.

14) The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

15) This issues as per the decision taken by the Competent Authority.

**(Rajesh Dhiman, IAS)**  
**Member Secretary, SEIAA**

**Copy to: -**

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi
2. The Secretary, Department of Science, Technology & Environment, Government of Punjab, Chandigarh.
3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030. The detail of the authorized Officer of the project proponent is as under:
  - a) Name of the applicant : Sh. Ashwani Aggwarwal
  - b) Mobile No. : 98768-56700
  - c) Email Id : [ashwani66@gmail.com](mailto:ashwani66@gmail.com)
  - d) Email ID of Env. Consultant : [cptleia@gmail.com](mailto:cptleia@gmail.com)
4. The Deputy Commissioner, Jalandhar.
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi
6. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001
7. The Secretary, Punjab Water Regulation and Development Authority, SCO 149-152, Sector 17-C, Chandigarh-160017.

8. The Chief Town Planner, Department of Town & Country Planning, 6<sup>th</sup> Floor, PUDA Bhawan, Phase-8, Mohali.
9. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
10. Parivesh Portal/Record File.

**(Rajesh Dhiman, IAS)**  
**Member Secretary, SEIAA**  
E-mail: [seiaapb2017@gmail.com](mailto:seiaapb2017@gmail.com)



Signature Not Verified

Digitally signed by Sh. Rajesh  
Dhiman, IAS  
Member Secretary

Date: 2/24/2022 4:16:44 PM

EC Identification No. - EC22B038PB136048    File No. - SEIAA/PB/MIS/2022/EC/01    Date of Issue EC - 24/02/2022    Page 19 of 19






## ANNEXURE-III

## ANALYSIS REPORTS

## AMBIENT AIR

GSTIN No. : 03AMLPS9476P2ZX


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

TC-6728

NABET accredited EIA consultant, MoEF & CC recognized  
ISO 9001 : 2015, ISO 14001 : 2015 and ISO 45001 : 2018 Certified Laboratory

H.O. : #372, Sector 15-A, Chandigarh-160 015 ☎ : 0172-4669295, Website : [www.cptl.co.in](http://www.cptl.co.in)  
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : [sital\\_cptlmohali@yahoo.co.in](mailto:sital_cptlmohali@yahoo.co.in), [cptle126@gmail.com](mailto:cptle126@gmail.com), [lab@cptl.co.in](mailto:lab@cptl.co.in)

---

TEST CERTIFICATE

REPORT No. CPTL/EC/09/2022/51(A)

Format No. CPTLF 7.8-I(A)

NAME OF INDUSTRY:


REPORTING DATE: 13.09.2022


JALANDHAR HEIGHTS-3, By- M/s. AGI INFRA LTD,  
 VILLAGE PHOLLRIWAL (H.B.No-52), TEHSIL-JALANDHAR,  
 DISTT.-JALANDHAR, PUNJAB.

**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/09/2022/51(A)				
Date of Sample Collection	08.09.2022				
Date of Sample Received in Lab	09.09.2022				
Analysis Duration	09.09.2022 to 13.09.2022				
Sample Collected By	Daljeet Singh & Team				

S. No.	Test Parameters	Units	Results	Prescribed Standard as per NAAQS Notification 18 <sup>th</sup> Nov.2009	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	83.6	100	IS: 5182 (P-23) 2006, RA-2012
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38.7	60	SP-61, Issue Date-04-08-2012
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	6.2	80	IS: 5182 (P-2) 2001
4.	Nitrogen Oxides (NO <sub>2</sub> )	µg/m <sup>3</sup>	18.4	80	IS: 5182 (P-6) 2006, RA-2012

  
 (Chemist In-Charge)  
 Date: 13/09/2022

  
 Sital Singh (CEO)  
 (Authorized Signatory)  
 Date: 13/09/2022

- 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\*\*\*

# GROUND WATER REPORT



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



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ISO 9001 : 2015, ISO 14001 : 2015 and ISO 45001 : 2018 Certified Laboratory

GSTIN No. : 03AMLPS9476P2ZX



TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

H.O. : #372, Sector 15-A, Chandigarh-160 015 ☎ : 0172-4669295, Website : [www.cptl.co.in](http://www.cptl.co.in)  
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : [sital\\_cptlmohali@yahoo.co.in](mailto:sital_cptlmohali@yahoo.co.in), [cptle126@gmail.com](mailto:cptle126@gmail.com), [lab@cptl.co.in](mailto:lab@cptl.co.in)

## TEST CERTIFICATE

REPORT No. CPTL/EC/09/2022/51(W)

Format No. CPTLF 7.8-I(W)

REPORTING DATE: 13.09.2022

NAME OF INDUSTRY:	JALANDHAR HEIGHTS-3, By- M/s. AGI INFRA LTD, VILLAGE PHOLLRIWAL (H.B.No-52), TEHSIL-JALANDHAR, DISTT.-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	08.09.2022
Date of Sample Received in Lab	09.09.2022
Sample Identification no.	CPTL/EC /09/2022/51(A)
Analysis Duration	09.09.2022 to 13.09.2022
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	7.55	6.5-8.5	No relaxation	APHA-4500H <sup>+</sup> , 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	332	500	2000	APHA-2540C, 23rd Edition
5.	Total Hardness (as CaCO <sub>3</sub> ), mg/l	224	200	600	APHA-2340B, 23rd Edition
6.	Calcium (as Ca <sup>++</sup> ), mg/l	34.4	75	200	APHA-3500B, 23rd Edition
7.	Magnesium (as Mg <sup>++</sup> ), mg/l	18.2	30	1000	APHA-2340B, 23rd Edition
8.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/l	190	200	600	APHA-2320B, 23rd Edition
9.	Chloride (as Cl), mg/l	14.9	250	1000	APHA-4500B, 23rd Edition
10.	Sulphate (as SO <sub>4</sub> ), mg/l	22.4	200	400	APHA-4500E, 23rd Edition
11.	Iron (as Fe), mg/l	0.10	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 <sub>3</sub> ), 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

Page 1 of 2





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



GSTIN No. : 03AMLP59476P2ZX



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Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : [sital\\_cptlmohali@yahoo.co.in](mailto:sital_cptlmohali@yahoo.co.in), [cptle126@gmail.com](mailto:cptle126@gmail.com), [lab@cptl.co.in](mailto:lab@cptl.co.in)

Type of Sample	Ground Water(Grab)
Date of Sample Received in Lab	13.09.2022
Sample Identification no.	CPTL/EC /09/2022/51(A)

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 <sup>-</sup> 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: 13/09/22

Sital Singh (CEO)  
(Authorized Signatory)  
Date: 13/09/2022

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Page 2 of 2

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## NOISE MONITORING REPORT



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



NABET accredited EIA consultant, MoEF & CC recognized  
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GSTIN No. : 03AMLPS9476P2ZX



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Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : [sital\\_cptlmohali@yahoo.co.in](mailto:sital_cptlmohali@yahoo.co.in), [cptle126@gmail.com](mailto:cptle126@gmail.com), [lab@cptl.co.in](mailto:lab@cptl.co.in)

### TEST CERTIFICATE

Format No. CPTLF 7.8-I(N)

REPORT No. CPTL/EC/09/2022/51(AN)

REPORTING DATE: 13.09.2022

NAME OF INDUSTRY: JALANDHAR HEIGHTS-3, By- M/s. AGI INFRA LTD,  
VILLAGE PHOLLRIWAL (H.B.No-52), TEHSIL-JALANDHAR,  
DISTT.-JALANDHAR, PUNJAB.

### SAMPLE PARTICULARS

Type of Sample	Noise Level Monitoring
Sample Identification No.	CPTL/EC/09/2022/51(AN)
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Date of Monitoring	08.09.2022
Date of Reporting	13.09.2022
Sample Collected By	Daljeet Singh & Team

S. No.	Test	Location	Unit	Results	Test method
1.	Ambient Day Time Noise Levels 1 Hour $L_{eq}$	Average Noise Level Around project site	dB(A)	52.6	IS: 9989:1981 R-2003

(Chemist In-Charge)

Date: 13/9/22

Sital Singh (CEO)

(Authorized Signatory)

Date: 13/09/2022

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