SIX MONTHLY COMPLIANCE REPORT

UPTO JUNE-2025

OF

‘UMBERA ORCHARD APARTMENT’

DEVELOPED BY

M/s UMBERA GROUP

VILLAGE ISSEWAL, TEHSIL MULLANPUR DAKHA, DISTRICT LUDHIANA, PUNJAB

I.	Statutory compliance:	
S.No.	Compliance Required	Action Taken
(i)	The project proponent shall obtain all necessary clearances/ permissions from all relevant agencies including the town planning authority before commencement of work. All the construction shall be done in accordance with the local building bye laws.	Complied, Layout plan is approved.
(ii)	The approval of the Competent Authority shall be obtained for the structural safety of buildings due to earthquakes, adequacy of firefighting equipment, etc. as per the National Building Code including protection measures from lightning, etc.	Agreed.
(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 purposes is involved in the project.	NA
(iv)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	NA
(v)	The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.	Agreed, will be obtained
(vi)	The project proponent shall obtain the necessary permission for the abstraction of groundwater/ surface water required for the project from the competent authority.	NA
(vii)	A certificate of adequacy of available power from the agency supplying power to the project along	Agreed

	with the load allowed for the project should be obtained.	
(viii)	All other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire Department, and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	Requisite NOCs has been obtained.
(ix)	The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction and Demolition Waste Rules,2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.	Agreed, Will be followed
(x)	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly	Agreed, will follow ECBC code.
(xi)	The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of the 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.	Agreed
(xii)	Besides the 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/MoEFandCC for such types of projects.	We are complying with sitting guidelines.
(xiii)	The project proponent shall construct the buildings as per the layout plan approved from the Competent Authority and in consonance of the project proposal for which this environment	Complied, Layout plan has been approved.

	clearance is being granted.	
II. Air quality monitoring and preservation		
S.No.	Compliance Required	Action Taken
(i)	The project proponent shall comply with the Notification GSR 94(E) dated 25.01.2018 of MoEFandCC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance.	Agreed
(ii)	The project proponent shall draw up and implement a management plan to contain the current exceedance in the ambient air quality at the site.	Agreed
(iii)	The project proponent shall install a 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.	Test reports Attached
(iv)	Diesel power generating sets proposed as a 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.	Agreed, will be followed.
(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.	Agreed, will be followed.

	These measures shall include screens for the building under construction, and 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.	Agreed, will be followed.
(vii)	No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered	Agreed, will be followed.
(viii)	No uncovered vehicles carrying construction material and waste shall be permitted.	No uncovered vehicles are allowed
(ix)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Topsoil will be used in green area within project
(x)	Grinding and stone cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and cutting.	Agreed, will be followed.
(xi)	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Agreed, will be followed.
(xii)	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 Rules 2016.	Agreed, will be followed.

(xiii)	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.	Agreed, will be followed.
(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.	Agreed, will be followed.
(xv)	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed
(xvi)	Roads Leading to or at construction site must be paved and blacktopped (i.e. metallic road)	Agreed, will be followed.
(xvii)	Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.	Agreed, will be followed.
(xviii)	Construction and Demolition waste processing and disposal site shall be indentified and required dust measure be notified at the site.	Agreed, will be followed.
III. Water quality monitoring and preservation		
S.No.	Compliance Required	Action Taken
(i)	The natural drain system should be maintained for ensuring unrestricted flow of water.	Agreed, we assure that there will be no obstruction to natural drainage due to our project.
(ii)	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	Agreed, we assure that there will be no obstruction to natural drainage

	(SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	due to our project.
(iii)	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Agreed
(iv)	The total freshwater use shall not exceed the proposed requirement as mentioned in the application proposal.	Agreed
(v)	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.	Agreed
(vi)	During the construction phase, the project proponent shall ensure that the wastewater generated from the labour quarters/toilets shall be treated and disposed of in an environment-friendly manner. The project proponent shall also exercise the option of modular bio-toilets or provide proper and adequately designed septic tanks for the treatment of such wastewater and treated effluents shall be utilized for green area/plantation.	Agreed
(vii)	The project proponent shall ensure a safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.	Agreed, water is potable.
(viii)	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 and CC along with six monthly Monitoring reports.	Agreed, will be followed.
(ix)	A certificate shall be obtained from the local body	No supply from

	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.	local body. We will provide our own tubewell.
(x)	At least 20% of the open spaces as required by the local building bye-Jaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Agreed, will be followed.
(xi)	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.	Agreed, will be followed
(xii)	Installation of dual pipe plumbing 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, conditioning etc. shall be done.	Agreed, will be followed.
(xiii)	The project proponent shall also adopt the new/innovative technologies like low water discharging taps (faucet with aerators) /urinals with electronic sensor systems/waterless urinals/twin flush cisterns/ sensor-based alarm systems for overhead water storage tanks and make them a part of the environmental management plans/building plans to reduce the water consumption/groundwater abstraction.	Agreed
(xiv)	The project proponent will provide a plumbing system for the reuse of treated wastewater for	Agreed, will be followed.

flushing/other purposes etc. and will colour code the different pipelines 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 and from Kitchen	Black color
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Gray color
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 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 Storm water — Orange Color		
(xv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.		RMC Being Used.
(xvi)	The Central Ground Water Authority (CGWA) provisions on rainwater harvesting should be followed. A rainwater harvesting plan needs to be designed where the minimum one recharge bore per 5,000 square meters of the plot area and a storage capacity of a minimum of one day of the total freshwater requirement shall be provided. In areas where groundwater recharge is not feasible, the rainwater should be harvested and stored for reuse. The groundwater shall not be withdrawn without approval from the Competent Authority.		Agreed, will be followed.
(xvii)	All recharge should be limited to shallow aquifer.		Agreed, will be followed.
(xviii)	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 available at site.		Agreed will be followed.
(xix)	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		NA

	ground water abstraction or dewatering.	
(xx)	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 and CC along with six monthly Monitoring reports.	Agreed, will be followed.
(xxi)	Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in phased manner viz a viz in module system designed in a such a way so as to efficiently treat the waste water with increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. No treated water shall be disposed in to municipal storm water drain.	Agreed, will be installed.
(xxii)	No sewage or untreated effluent water would be discharged through storm water drains. 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, will be followed.
(xxiii)	Periodical monitoring of water quality of treated	Agreed will be

	sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	followed
(xxiv)	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 will be followed
IV. Noise monitoring and prevention		
S.No.	Compliance Required	Action Taken
(i)	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.	Test report attached
(ii)	A 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 reports.	Test report attached
(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.	Agreed, provide the DG set as per norms.
V. Energy Conservation measures		
S.No.	Compliance Required	Action Taken

(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.	Agreed, will be follow ECBC
(ii)	Outdoor and common area lighting shall be LED.	Agreed
(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.	Agreed
(iv)	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
(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.	Agreed
(vi)	At least 30% of the rooftop area shall be used for generating Solar power for lighting in the apartments so as to reduce the power load on the grid. A 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.	Agreed

VI. Waste Management		
S.No.	Compliance Required	Action Taken
(i)	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.	Agreed
(ii)	The project proponent shall install mechanical composter of adequate capacity to treat wet component of the Solid Waste.	Agreed, will be followed.
(iii)	Disposal of muck during the construction phase should not create any adverse effect on the neighbouring communities and should be safely disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of the Competent Authority.	Agreed, will be followed.
(iv)	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating the segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Separate wet and dry bins will be provided.
(v)	Organic waste compost/ Vermiculture pit/ Organic Waste Converter/Mechanical Composter within the premises must be installed for treatment and disposal of the solid waste.	Agreed, will be followed.
(vi)	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
(vii)	Any hazardous waste generated during the construction phase, shall be disposed of as per applicable rules and norms with the necessary approvals of the State Pollution Control Board.	Agreed, will be followed.
(viii)	Use of environment-friendly materials in bricks,	Agreed, will be

	blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include fly ash bricks, hollow bricks, Autoclaved Aerated Concrete (AACs) bricks, fly ash lime gypsum blocks, Compressed earth blocks, and other environmental friendly materials.	followed.
(ix)	Fly ash should be used as a 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, will be followed.
(x)	Any waste from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	Agreed, will be followed.
(xi)	Used Compact Fluorescent lamps (CFLs) and Tubular Fluorescent lamps (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.	Agreed, will be followed.
(xii)	The project proponent shall manage the solid waste generated from the project as per the sub-rule-7 of rule-4 of SWM Rules 2016.	Agreed, will be followed.
VII. Green Cover		
S.No.	Compliance Required	Action Taken
(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	No tree to be felled

	the Forest Department	
(ii)	At least a 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 the planting of trees in the project area at the identified location, as per the 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.	Agreed, will be followed.
(iii)	The PP will undertake plantation of 352 tall plants of minimum 8 feet height of indigenous tree species. The plantation would be commenced at the earliest and completed within 1 year.	Agreed, will be followed.
(iv)	The Project Proponent shall develop a 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	Agreed, will be followed.

	of trees to be planted should not be less than one tree per 80 sqm of the total land area. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.	
(v)	Where the trees need to be cut with prior permission from the concerned local Authority, a 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	No tree to be cut.
(vi)	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, will be followed.
(vii)	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.	Agreed
(viii)	The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.	Agreed, will provide the tree around the boundary wall and green area as per plans approved by the competent authority.
(ix)	The project proponent shall submit the progress of developing the green belt in the six-monthly	Agreed

	compliance report.	
VIII. Transport		
S.No.	Compliance Required	Action Taken
(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 regulation.	Agreed, will be followed.
(ii)	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, will be followed.
(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	Agreed

	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.	Agreed, enrty exit are separate. Parking will be provided as per approved plan and no public place /space will be used for parking.
IX. Human health issues		
S.No.	Compliance Required	Action Taken
(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 mask.	Agreed, will be followed.
(ii)	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed
(iii)	An 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, and medical health care, creche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Agreed
(iv)	Occupational health surveillance of the workers shall be done on a regular basis.	Agreed, will be followed.
(v)	A First Aid Room shall be provided in the project	Agreed, will be

<table>
<tr><td></td><td>both during construction and operations of the project.</td><td>followed.</td></tr>
<tr><td colspan="3">X. Environment Management Plan</td></tr>
<tr><td>S.No.</td><td>Compliance Required</td><td>Action Taken</td></tr>
<tr><td>(i)</td><td>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 and CC as a part of six monthly reports.</td><td>Agreed, will be followed.</td></tr>
<tr><td>(ii)</td><td>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.</td><td>Agreed, will be followed.</td></tr>
<tr><td>(iii)</td><td>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and will not be diverted for any other purpose. The details of the amount to be spent on the various environmental activities proposed in environmental plan are given in the table given below:
<table>
<tr><td>Sr. No.</td><td>Title</td><td>Capital Cost</td><td>Recurring Cost (in</td><td>Recurring cost (Rs.</td></tr>
</table>
</td><td>Agreed, will be followed.</td></tr>
</table>

		(in Lakhs)	Lakhs)	in Lacs)
	Construction Phase			Operation Phase
1.	Medical Cum First Aid	0.50	1.0	--
2.	Toilets for workers	2.0	1.0	--
3.	Wind breaking curtains	3.0	2.0	--
4.	Sprinklers for suppression of dust	2.0	1.5	--
5.	Sewage Treatment Plant	50.0	--	6.0
6.	Solid Waste segregation and disposal	8.0	--	3.0
7.	Green Belt including grass coverage	3.0	--	1.0
8.	RWHP	20.0	--	10.0
9.	Monitoring Plan	--	5.90	6.90
	Total	88.50	11.4	26.9

TABLE-2
Additional Environment Activities

S. No	Description	Budget Allocation (In Lacs)	Timeline
1	Distribution of Jute Bags@ 7500 bags in coordination with District administration / PPCB	22.0	End of November 2023
2	100 Solar Lights (40W) at Village Issewal District Ludhiana	25	August 2024
3	Installation of Mechanical Composter (0.4 Ton/day) at village Issewal Gurdwara Sahib, Ludhiana along with its operation and maintenance for three years	50.0	Before monsoon seasons June -2025
4	Providing RWH System, Toilets (Boys and Gils) and solar Power Plant 20KW Govt Primary School Village Issewal Ludhiana	25.0	Before 31.12.2025
Total		122.0	

The project proponent shall undertake EMP and AEA as per the Table-1 and 2 above.

The entire cost of the Environmental Management

	Plan (EMP) 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 Regional Office, MoEFandCC/ SEIAA along with the six-monthly compliance report. The project proponent shall also submit physical/financial progress along with utilization certificates and documentary evidence (including photographs and short video clips) of the works undertaken in lieu of the additional environmental activities by the project proponent in all the subsequent six-monthly compliance reports till the completion of these activities.	

XI. Validity		
S.No.	Compliance Required	Action Taken
(i)	This environmental clearance will be valid for a period of ten years from the date of its issue as per MoEF and CC, GoI notification No. S.O. 1807 (E) dated 12.04.2022 or till the completion of the project, whichever is earlier.	Agreed

XII. Miscellaneous		
S.No.	Compliance Required	Action Taken
(i)	The project proponent shall obtain a completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab before allowing any occupancy.	Agreed
(ii)	The project proponent shall comply with the condition of CLU, if obtained	Agreed, will be followed.
(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	Complied

	environment clearance and the details of MoEF and 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 has to display the same for 30 days from the date of receipt.	Agreed, uploaded on our website.
(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
(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.	Agreed, will be followed.
(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
(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.	Agreed
(ix)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed
(x)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during the Public hearing, and also	Agreed, will be followed.

	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.	Agreed
(xii)	The Regional Office, MoEFandCC, 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
(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.	Agreed

Additional Conditions:

S.No.	Compliance Required	Action Taken
I.	The Project Proponent shall not carry out the construction of Phase-II i.e., Tower-2, till the time the project sewer is connected with the MC sewer. Further, the Project Proponent shall develop and maintain land area of around 2000 sqm under Karnal Technology, in addition to the green area of 4071 sqm, till the final outlet of the project carrying excess treated wastewater is connected with the MC sewer.	Agreed
II.	The approval is based on the conceptual plan/drawings submitted with the application. In	Layout Plan is approved.

	case, there is variation in built-up area/green area/ any other details in the drawings approved by the Competent Authority, the project proponent shall obtain the revised Environmental Clearance.	
III.	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 rainwater, etc is not impeded or disrupted in any manner.	Agreed
IV.	The solid waste other than Bio-Medical Waste and Hazardous Waste (dry as well as wet garbage) generated should be properly collected and segregated before disposal to Municipal Authorities in accordance with the Municipal Solid Waste (Management and Handling) Rules, 2000. No municipal waste should be disposed off outside the premises in contravention of relevant rules and by-laws. Adequate measures should be taken to prevent any odour in and around the project premises.	Agreed
V.	In the event that the project proponent decides to abandon/close the project at any stage, he shall submit an application in the prescribed form along with requisite documents through Parivesh to SEIAA for surrendering the Environmental Clearance as per the procedure prescribed in OM dated 29.03.2022 issued by the MoEFandCC. The project proponent shall be accountable for adherence/compliance of the EC conditions till such time as the project is finally closed by SEIAA, based upon the certified closure report of Integrated Regional Offices (IROs) of MoEFandCC,	Agreed

	Chandigarh/PPCB.	
VI.	This Environmental Clearance is liable to be revoked without any further notice to the project proponent in case of failure to comply with condition (v) above	Agreed
VII.	Concealing factual data or submission of false/fabricated data may result in revocation of this Environmental Clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed
VIII.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Promoter Company in a time bound manner shall implement these conditions.	Agreed
IX.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and other wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.	Agreed
X.	The project proponent is required to plant indigenous tree species of minimum 8 feet height and healthy growth for development of green area.	Agreed

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TEST REPORT

Ambient Air Quality Monitoring

Test Report No. : EKO/E-610/130625 **Issue Date : 18/06/2025**

Issued To : UMBERA ORCHARD APARTMENTS
LUDHIANA

Sample Description	:	Ambient Air
Sample Drawn on	:	11/06/2025 To 12/06/2025
Sample Drawn by	:	EPEPL (Mr. Umesh Kumar)
Sample Received on	:	13/06/2025
Sampling Location	:	On Project Site
Sampling Time	:	24.0 Hrs.
Sampling Plan & Procedure	:	SOP-AAQ/15
Analysis Duration	:	13/06/2025 To 18/06/2025
Ambient Temperature (°C)	:	38.0
Average Flow Rate of SPM (m^3/min.)	:	1.1
Average Flow Rate of Gases (lpm)	:	1.0
Weather Conditions	:	Clear
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	88.3	$\mu g/m^3$	100.0
2	Particulate Matter (PM2.5)	IS: 5182 (P-24)	52.6	$\mu g/m^3$	60.0
3	Sulphur Dioxide (as SO_2)	IS: 5182 (P-2)	21.9	$\mu g/m^3$	80.0
4	Nitrogen Dioxide (as NO_2)	IS: 5182 (P-6)	55.4	$\mu g/m^3$	80.0
5	Carbon Monoxide (as CO)	IS: 5182 (P-10)	1.26	mg/m^3	4.0
6	Lead (as Pb)	IS 5182 (P-22)	<0.1	$\mu g/m^3$	1.0
7	Nickel (as Ni)	IS 5182 (P-26)	<15.0	ng/m^3	20.0
8	Arsenic (as As)	EK0/CHEM/SOP/AAQ-02	<5.0	ng/m^3	6.0
9	Ozone (as O_3)	IS: 5182 (P-9)	<20.0	$\mu g/m^3$	180.0
10	Ammonia (as NH_3)	IS: 5182 (P-25)	<20.0	$\mu g/m^3$	400.0
11	Benzene (as C_6H_6)	IS: 5182 (P-11)	<1.0	$\mu g/m^3$	5.0
12	Benzo(alpha) Pyrine-Particulate Phase Only	IS 5182 (P-12)	<1.0	ng/m^3	1.0

Notes :

1. The results given above are related to the tested sample, for various parameters, as observed at the time of at the time of Sampling. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
4. Responsibility of the Laboratory is limited to the invoiced amount only.

**** End of Report ****

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

EKO PRO ENGINEERS PVT. LTD. GHAZIABAD SAVE THE ENVIRONMENT

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TEST REPORT

Noise Monitoring

Test Report No. : EKO/E-611/130625 **Issue Date : 18/06/2025**

Issued To	:	UMBERA ORCHARD APARTMENTS LUDHIANA
Sample Description	:	Ambient Noise
Sample Drawn on	:	11/06/2025 To 12/06/2025
Sample Drawn by	:	EPEPL (Mr. Umesh Kumar)
Sample Received on	:	13/06/2025
Sampling Location	:	On Project Site
Sampling Plan & Procedure	:	SOP-N/01
Weather Condition	:	Normal
Analysis Duration	:	13/06/2025 To 14/06/2025
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units
1	Leq (Day Time)	IS:9989	63.1	dB (A)
2	Leq (Night Time)		52.6	

Remark- Standard Limits for Leq dB(A) as per CPCB Guidelines (for Industrial area- Day-75.0 Night-70.0, Commercial area- Day-65.0 Night-55.0, Residential area- Day-55.0 Night-45.0, Silence zone- Day-50.0 Night-40.0)

Notes :

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
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****End of Report****

EKO PRO ENGINEERS PVT. LTD. GHAZIABAD SAVE THE ENVIRONMENT

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

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TEST REPORT

Water Sample Analysis

Test Report No. : EKO/E-612/130625 **Issue Date : 18/06/2025**

Issued To : UMBERA ORCHARD APARTMENTS
LUDHIANA

Sample Description : Drinking Water
Sample Drawn on : 11/06/2025
Sample Drawn by : EPEPL (Mr. Umesh Kumar)
Sample Received on : 13/06/2025
Sampling Location : On Project Site
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 3.0 Litre
Environmental Conditions : Normal
Analysis Duration : 13/06/2025 To 18/06/2025
Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)-A :2021	BLQ (LOQ-1.0)	Hazen	5.0	15.0
2	Odour	IS: 3025 (P-5) : 2018	Agreeable	–	Agreeable	Agreeable
3	Taste	IS: 3025 (P-7) :2017	Agreeable	–	Agreeable	Agreeable
4	Turbidity	IS: 3025 (P-10): 2023	BLQ (LOQ-1.0)	NTU	1.0	5.0
5	pH	IS: 3025 (P-11) 2.0: 2022	7.03	–	6.5-8.5	No relaxation
6	Total Hardness (as $CaCO_3$)	IS: 3025 (P-21)-A : 2009	44.0	mg/L	200.0	600.0
7	Calcium (as Ca)	IS: 3025 (P-40)-A: 1991	10.00	mg/L	75.0	200.0
8	Ammonia (as Total Ammonia-N)	IS 3025(Part-34)-B: 1988	BLQ (LOQ-0.5)	mg/L	0.5	No relaxation
9	Chloride (as Cl)	IS: 3025 (P-32)-2.0 : 1988	19.6	mg/L	250.0	1000.0
10	Residual Free Chlorine	IS: 3025 (P-26)-C : 2021	BLQ (LOQ-0.1)	mg/L	0.2	1.0
11	Fluoride (as F)	APHA 4500 F D	BLQ (LOQ-0.1)	mg/L	1.0	1.5
12	Total Dissolved Solids	IS: 3025 (P-16): 2023	123.0	mg/L	500.0	2000.0
13	Magnesium (as Mg)	IS: 3025 (P-46)-B: 1994	5.12	mg/L	30.0	100.0
14	Copper (as Cu)	APHA 3125 B : 2017	BLQ (LOQ-0.005)	mg/L	0.05	1.5
15	Sulphide (as H_2S)	IS: 3025 (P-29)-A:2022	BLQ (LOQ-0.05)	mg/L	0.05	No relaxation
16	Sulphate (as SO_4)	IS: 3025 (P-24) Sec-1 B: 2022	6.65	mg/L	200.0	400.0
17	Nitrate (as NO_3)	IS 3025(Part -34) - B: 1988	0.63	mg/L	45.0	No relaxation
18	Phenolic Compounds(as C_6H_5OH)	IS: 3025 (P-43) Sec-1 B: 2022	BLQ (LOQ-0.001)	mg/L	0.001	0.002
19	Mercury (as Hg)	APHA 3125 B : 2017	BLQ (LOQ-0.001)	mg/L	0.001	No relaxation
20	Selenium (as Se)	APHA 3125 B : 2017	BLQ (LOQ-0.005)	mg/L	0.01	No relaxation
21	Arsenic (as As)	APHA 3125 B : 2017	BLQ (LOQ-0.005)	mg/L	0.01	No relaxation
22	Cyanide (as CN)	APHA 4500 CN-K 23rd Ed: : 2017	Absent	mg/L	0.05	No relaxation
23	Lead (as Pb)	APHA 3125 B : 2017	BLQ (LOQ-0.005)	mg/L	0.01	No relaxation
24	Zinc (as Zn)	APHA 3125 B : 2017	BLQ (LOQ-0.01)	mg/L	5.0	15.0

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Test Report No. : EKO/E-612/130625 **Issue Date : 18/06/2025**

25	Total Chromium (as Cr)	APHA 3125 B : 2017	BLQ (LOQ-0.005)	mg/L	0.05	No relaxation
26	Total Alkalinity (as $CaCO_3$)	IS: 3025 (P-23): 1986	36.0	mg/L	200.0	600.0
27	Aluminium (as Al)	APHA 3125 B : 2017	BLQ (LOQ-0.005)	mg/L	0.03	0.2
28	Boron (as B)	IS:3025(P -57) A:2021	BLQ (LOQ-0.25)	mg/L	0.5	2.4
29	Cadmium (as Cd)	APHA 3125 B : 2017	BLQ (LOQ-0.001)	mg/L	0.003	No relaxation
30	Anionic Detergents (as MBAS)	APHA -5540 -C 23rd Ed. 2017	BLQ (LOQ-0.1)	mg/L	0.2	1.0
31	Total Coliform	IS: 15185: 2016	Not Detected	Per 100mL	Should be Not Detectable	
32	E.coli	IS: 15185 : 2016	Not Detected	Per 100mL		

Notes:

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4. Responsibility of the Laboratory is limited to the invoiced amount only.
5. BLQ=Below Limits of Quantification, LOQ= Limits of Quantification

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
SHIVANGI SINGH RAIZADA
SECTION INCHARGE MICROBIOLOGY
(Authorised Signatory)

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA DHAN
TECHNICAL MANAGER
(Authorised Signatory)

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TEST REPORT

Soil Sample Analysis

Test Report No. : EKO/E-613/130625 **Issue Date : 18/06/2025**

Issued To	:	UMBERA ORCHARD APARTMENTS LUDHIANA
Sample Description	:	Soil Sample
Sample Drawn on	:	11/06/2025
Sample Drawn by	:	EPEPL (Mr. Umesh Kumar)
Sample Received on	:	13/06/2025
Sampling Location	:	On Project Site
Sampling Plan & Procedure	:	SOP-S/50
Sample Quantity	:	500 gm
Environmental Condition	:	Normal
Analysis Duration	:	13/06/2025 To 18/06/2025
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units
1	pH (1:2.5 Suspension)	IS: 2720 (P-26)	6.78	-
2	Conductivity (1:5 Suspension)	IS: 2720 (P-21)	546.3	µS/cm
3	Water Holding Capacity	EKO/CHEM/SOP/S-21	20.5	% by mass
4	Bulk Density	EKO/CHEM/SOP/S-12	1.39	gm/cc
5	Sodium Available (as Na)	EKO/CHEM/SOP/S-04	125.5	mg/kg
6	Potassium Available (as K)	EKO/CHEM/SOP/S-02	192.4	mg/kg
7	Organic Matter	IS: 2720 (P-22)	0.56	% by mass
8	Total Kjehldal Nitrogen	EKO/CHEM/SOP/S-07	136.9	mg/kg
9	Phosphorus (as P)	EKO/CHEM/SOP/S-05	51.4	mg/kg
10	Zinc (as Zn)	USEPA-SW 846 7130	10.9	mg/kg
11	Lead (as Pb)	USEPA-SW 846 7130	0.62	mg/kg
12	Copper (as Cu)	USEPA-SW 846 7130	<1.0	mg/kg
13	Cation Exchange Capacity	EKO/CHEM/SOP/S-20	8.8	meq/100gm
14	Moisture Content	IS : 2720 (P-2)	1.26	% by mass
15	Iron (as Fe)	USEPA-SW 846 7130	0.081	% by mass

Notes :

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****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

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