

**Compliance Report on conditions imposed in Environmental Clearance for Period ending 30.09.2023**

**I. Statutory compliance:**

<b>S. No.</b>	<b>Conditions</b>	<b>Reply</b>
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.	Agreed. All necessary clearances/ permissions are being taken as required. Construction done as per the local byelaws.
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.	NOC has been obtained from Fire Dept.; copy of the same is attached as <b>Annexure 4</b> . Building plan approval obtained from Director of Factories, Punjab. Copy of the same is attached as <b>Annexure 5</b> .
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.	NOC has been granted for diversion of 0.0928 ha. forest land for approach road under Forest (Conservation) Act vide file no. 9-PBB423/2023-CHA dated 16.02.2024 and copy of the same is attached as <b>Annexure 2</b> .
iv.	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
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.	Agreed.
vi.	The project proponent shall obtain the necessary permission for the abstraction of groundwater/ surface water required for the project from the competent authority.	Water requirement met through borewell; permission has been obtained from PWRDA for abstraction of ground water (6.5 KLD) vide Letter No. PWRDA/01 /2022/L1/299 dated 17.01.2022. Copy of the same is attached as <b>Annexure 6</b> .

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.	Agreed.
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.	The statutory clearances are being obtained as required. Such as, NOC has been obtained from Fire Dept.; copy of the same is attached as <b>Annexure 4</b> .
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.	Being a warehouse project, small quantity of waste is being generated which is managed as per said rules. Solid waste is being segregated into biodegradable and non-biodegradable components and managed as per Solid Waste Management Rules, 2016. Being a warehouse project, no e-waste and plastic waste is generated. Further, the project is fully operational, thus no C&D waste is generated.
x.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Agreed. The same has been complied.
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 Dept. of Town and Country Planning or other concerned Authority under whose jurisdiction, the site falls.	Change in land use has been obtained from Department of Town and Country Planning, Punjab vide Memo No. 2769- STP(P)/ SP-327 dated 16.11.2021 for plot area of 8.55 acres (or 34,600.57 sq.m). Copy of CLU is attached as <b>Annexure 7</b> .
xii.	Besides the above, the project proponent shall also comply with siting criteria/ guidelines, standard operating practices, code of practice, and guidelines if any	Agreed. General Siting criteria are being complied as prescribed by PPCB.

	prescribed by the SPCB/CPCB/MoEF&CC for such types 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.	Agreed. Layout plan has been approved by the competent authority and the Construction of project has been done as per the Layout Plan only.

## II. Air quality monitoring and preservation:

S. No.	Conditions	Reply
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.	Agreed. All the necessary mitigation measures were implemented during construction phase of the project.
ii.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Agreed. All necessary steps were taken to reduce the air pollution and to improve the air quality during construction phase of the project. Now the project is operational and there is no source of air pollution being a warehouse project. However, green area is being developed and photographs of the same is enclosed as <b>Annexure 3.</b>
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.	Ambient air monitoring is being done recently and results are found within limits. Copy of Test Reports are attached along as <b>Annexure 8.</b>
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.	One DG Set of capacity 62.5 KVA is installed at the project with adequate stack height as per the norms.

	Use of low Sulphur diesel would be the preferred option. The location of the DG sets may be decided with in consultation with State 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, 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, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Agreed. All the necessary mitigation measures were implemented during construction phase of the project.
vi.	No Excavation of soil shall be carried out without adequate dust mitigation measures in place.	All the necessary mitigation measures were implemented during construction phase of the project.
vii.	No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.	Not applicable, as project is operational.
viii.	No uncovered vehicles carrying construction material and waste shall be permitted.	Not applicable, as project is operational.
ix.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	Top soil used for landscaping within the project.
x.	Grinding and cutting of building material in open areas shall be prohibited. A wet jet shall be provided for grinding and stone cutting.	Not applicable, as project is operational.
xi.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Not applicable, as project is operational.

xii.	All construction and demolition debris shall be stored at the site within the 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.	Not applicable, as project is operational.
xiii.	The diesel generator sets to be used during the construction phase shall be low sulphur diesel type and shall conform to the norms and regulations prescribed under air and noise emission standards.	Not applicable, as project is operational. However, as power backup One DG set of capacity 62.5 KVA installed with inbuilt acoustic enclosure and adequate stack height.
xiv.	The gaseous emissions from the DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate 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. DG set with inbuilt acoustic enclosure and adequate stack height has been installed.
xv.	For indoor air quality, the ventilation provisions as per the National Building Code of India shall be complied with.	Agreed. National Building Code has been followed for ventilation provision.
xvi.	Roads leading to or at the construction site must be paved and blacktopped (i.e., metallic roads should be built and used).	Project lies on NH-1, thus, the road connected to the project is already metallic.
xvii.	Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.	Not applicable, as project is operational.
xviii.	Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measures will be notified at the site.	Not applicable, as project is operational.

### III. Water quality monitoring and preservation:

S. No.	Conditions	Reply												
i.	The natural drain system should be maintained for ensuring unrestricted flow of water.	Agreed. No natural drainage altered or disturbed due to the project.												
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 rainwater.	Agreed. No obstruction to natural drainage done.												
iii.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Agreed. Best architectural design practices followed for designing the building with minimum cutting & filling.												
iv.	The total water requirement for the project @ 6.5 KL/day, which shall be met through Bore well. The total fresh water @ 2.3 KLD shall be utilized for domestic remaining 4.2 KLD shall be utilized to meet with horticulture demand. Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Total fresh water use is not exceeding the permissible limit. Further, permission has been obtained from PWRDA for abstraction of ground water (6.5 KLD) vide letter no. PWRDA/01/2022/L1/299 dated 17.01.2022. Copy of the same is attached as <b>Annexure 6</b> .												
v.	<p>a) The total wastewater generation from the project will be 1.8 KL/day, which will be treated in septic tank within the project premises. As proposed, 1.8 KLD treated wastewater available at outlet of septic tank will be as reutilized as under:</p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Season</th> <th>Green Area (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>1.8 KLD</td> </tr> <tr> <td>2.</td> <td>Winter</td> <td>1.8 KLD</td> </tr> <tr> <td>3.</td> <td>Monsoon</td> <td>0.6 KLD</td> </tr> </tbody> </table> <p>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</p>	Sr. No	Season	Green Area (KLD)	1.	Summer	1.8 KLD	2.	Winter	1.8 KLD	3.	Monsoon	0.6 KLD	<p>Agreed. Wastewater generated from the project is being treated in septic tank and treated water is reused for horticulture purposes onto green area within project.</p> <p>b) Agreed. Storage tank has been provided to store treated water from septic tank.</p>
Sr. No	Season	Green Area (KLD)												
1.	Summer	1.8 KLD												
2.	Winter	1.8 KLD												
3.	Monsoon	0.6 KLD												

	<p>for construction purposes and for developing the plantation/green area.</p> <p>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.</p>	c) Not applicable, as project is operational.
vi.	The project proponent shall ensure safe drinking water supply to the workers. Adequate treatment facility for drinking water shall be provided, if required.	Agreed. Provision of safe drinking water has been provided.
vii.	The quantity of freshwater 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.	Agreed.
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 of water available. This should be specified separately for groundwater and surface water sources, ensuring that there is no impact on other users.	Water requirement is being met through ground water. Permission has been obtained from PWRDA for abstraction of ground water (6.5 KLD) vide letter no. PWRDA/01/2022/L1/299 dated 17.01.2022. Copy of the same is attached as <b>Annexure 6</b> .
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.	Agreed. The same has been complied.

x.	Installation of R.O. plants in the project will be discouraged in order to reduce water wastage in form of RO reject. However, in case the requirement of installing RO plant is unavoidable, the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component or in a common place in the project premises.	No RO has been installed.															
xi.	The project proponent shall also adopt the new/innovative 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 them a part of the environmental management plans/building plans so as to reduce the water consumption/groundwater abstraction.	Agreed. Low flow fixtures has been provided for water conservation.															
xii.	<p>The project proponent will provide plumbing system for reuse of treated wastewater for flushing/other purposes etc. and will colour code the different pipelines carrying water/wastewater from different sources / treated wastewater as follows:</p> <table border="1" data-bbox="240 1290 831 1912"> <thead> <tr> <th data-bbox="240 1290 320 1368">Sr. No.</th> <th data-bbox="320 1290 671 1368">Nature of the Stream</th> <th data-bbox="671 1290 831 1368">Color code</th> </tr> </thead> <tbody> <tr> <td data-bbox="240 1368 320 1413">a)</td> <td data-bbox="320 1368 671 1413">Fresh water</td> <td data-bbox="671 1368 831 1413">Blue</td> </tr> <tr> <td data-bbox="240 1413 320 1536">b)</td> <td data-bbox="320 1413 671 1536">Untreated wastewater from Toilets/ urinal and from Kitchen</td> <td data-bbox="671 1413 831 1536">Black</td> </tr> <tr> <td data-bbox="240 1536 320 1749">c)</td> <td data-bbox="320 1536 671 1749">Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing</td> <td data-bbox="671 1536 831 1749">Grey</td> </tr> <tr> <td data-bbox="240 1749 320 1912">d)</td> <td data-bbox="320 1749 671 1912">Reject water streams from RO plants and AC condensate (this is to be implemented wherever</td> <td data-bbox="671 1749 831 1912">White</td> </tr> </tbody> </table>	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	White	Agreed. Treated water is being reused for horticulture purpose onto green area.
Sr. No.	Nature of the Stream	Color code															
a)	Fresh water	Blue															
b)	Untreated wastewater from Toilets/ urinal and from Kitchen	Black															
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	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.		
	e) Treated wastewater (for reuse only for plantation purposes) from the septic tank treating black water	Green	
	f) Storm water	Orange	
xiii.	Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents, and adopting other best practices.	Agreed. Curing agents were used during construction.	
xiv.	The CGWA provisions on rainwater harvesting should be followed. A rainwater harvesting plan needs to be designed where the recharge bores of 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. As per the proposal submitted by the project proponent, 8 no. recharging pits will be provided for groundwater recharging as per the CGWB norms. The groundwater shall not be withdrawn without approval from the Competent Authority.	Agreed. 6 no. of rain water recharging pits have been constructed to recharge the ground water.  Further, as per the recent Notification, Punjab state is not regulated by CGWA. Thus, permission has been obtained from PWRDA for abstraction of ground water (6.5 KLD) vide letter no. PWRDA/01/2022/L1/299 dated 17.01.2022. Copy of the same is attached as <b>Annexure 6</b> .	
xv.	All recharge should be limited to shallow aquifers.	Agreed and complied.	
xvi.	No groundwater shall be used during the 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 the site.	Not applicable, as project is operational.	

xvii.	Any groundwater 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 groundwater abstraction or dewatering.	Agreed. Permission has been obtained from PWRDA for abstraction of ground water vide letter no. PWRDA/01/2022/L1/299 dated 17.01.2022. Copy of the same is attached as <b>Annexure 6.</b>
xviii.	The quantity of freshwater 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.	Agreed.
xix.	Sewage shall be treated in the septic tank. The treated effluent from septic tank shall be reused for gardening. No treated water shall be disposed of into the municipal storm water drain.	Since, it's a warehouse project, thus only domestic effluent is generated which is treated in septic tank. The treated water is being discharged onto green area for horticulture purpose. No industrial effluent is generated.
xx.	No sewage or untreated effluent would be discharged through storm water drains. Treated wastewater shall be reused on-site for landscape, other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Since, it's a warehouse project, thus only domestic effluent is generated which is treated in septic tank. The treated water is being discharged onto green area for horticulture purpose. No industrial effluent is generated.
xxi.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from Septic tanks.	Noted.
xxii.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Agreed.

#### IV. Noise monitoring and prevention:

S. No.	Conditions	Reply
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.	Ambient noise levels are monitored recently and results are found within the limits as per Industrial Area. Test Reports for ambient noise level are attached along as <b>Annexure 8</b> .
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.	Noise level are being monitored. Test Reports are attached along as <b>Annexure 8</b> .
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.	Since, its a warehouse project. Thus, no major source of noise except loading and unloading of materials.

#### V. Energy Conservation measures:

S. No.	Conditions	Reply
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.	ECBC guidelines has been followed in the project.
ii.	Outdoor and common area lighting shall be LED.	Agreed. LED lights has been provided.

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. Best design Practices was followed for building design and envelope.
iv.	Energy conservation measures like installation of LEDs 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. Adequate energy conservation measures have been followed in the building to conserve energy. Such as LED lights have been provided in common areas.
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-law's 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.	Solar panels will be installed on roof top.

#### VI. Waste Management:

S. No.	Conditions	Reply
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.	Being a warehouse project, small quantity of waste is being generated which is managed as per said rules. Solid waste is being segregated into biodegradable and non-biodegradable components and managed as per Solid Waste Management Rules, 2016.

ii.	Disposal of muck during construction phase should not create any adverse effect on the neighboring 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.	Not applicable, as project is operational.
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.	Separate wet and dry bins has been provided for segregation of solid waste.
iv.	Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/ person/ day must be installed for treatment and disposal of the waste.	Agreed.
v.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Agreed. The same is being complied.
vi.	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.	Not applicable, as project is operational.
vii.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	Agreed. Ready mixed concrete comprising of fly ash was used during construction.
viii.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27 <sup>th</sup> August, 2003 and 25 <sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.	Agreed. Ready mixed concrete comprising of fly ash was used during construction.

ix.	Any waste from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Not applicable, as project is operational.
x.	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.	Only LED lights have been provided within the project and no CFLs and TFLs were used.

**VII. Green Cover:**

S. No.	Conditions	Reply
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.	No tree cutting was involved.
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 100 trees in the project area at the identified location, as the 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 and thereafter, protected throughout the entire lifetime of the Project. The species with heavy foliage, broad leaves, and wide canopy cover are	Agreed. Adequate no. of trees have been planted within the project and photographs of the same is enclosed as <b>Annexure 3.</b>

	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.	No tree cutting is involved, thus, no requirement of compensatory plantation is there.
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.	Agreed. Topsoil reused for development of green area within the project.
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.	Noted. No chemical fertilized/ pesticides is being used in green area.
vi.	The green belt along the periphery of the plot shall achieve an attenuation factor conforming to the day and night noise standards prescribed for commercial land use.	Agreed. Adequate green area has been provided within the project premises and photographs of the same is enclosed as <b>Annexure 3.</b>

### VIII. Transport:

S. No.	Conditions	Reply
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	Since, its a warehouse project, thus, adequate parking, loading & unloading area is provided. Separate entry and exit is provided and Parking norms as per local regulation are being followed.

	<p>users. The road system can be designed with these basic criteria.</p> <ul style="list-style-type: none"> <li>• Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.</li> <li>• Traffic calming measures.</li> <li>• Proper design of entry and exit points.</li> <li>• Parking norms as per local regulation.</li> </ul>	
ii.	<p>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.</p>	<p>Not applicable, as project is operational.</p>
iii.	<p>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 Km 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>	<p>Since, its a warehouse project, thus, adequate parking, loading &amp; unloading area is provided. Separate entry and exit is provided and Parking norms as per local regulation are being followed.</p>
iv.	<p>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.</p>	<p>Adequate parking area has been made available for the vehicles parking and loading/unloading within the project premises. Separate entry and exit is provided to avoid traffic congestion at gate.</p>



**IX. Human health issues:**

<b>S. No.</b>	<b>Conditions</b>	<b>Reply</b>
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.	Not applicable, as project is operational.
ii.	For indoor air quality, the ventilation provisions as per the National Building Code of India should be followed.	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 Septic tanks, safe drinking water, and medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Not applicable, as project is operational.
iv.	Occupational health surveillance of the workers shall be done on a regular basis.	Agreed.
v.	A First Aid Room shall be provided in the project both during construction and operations of the project.	First aid kit provided within project.

## X. Environmental Management Plan:

S. No.	Conditions	Reply
i.	The company shall have a well-laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violations 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/ stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.	Agreed. Environmental policy has been framed duly approved by Partners.
ii.	A separate Environmental Cell both at the project and company headquarters level, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization.	Agreed. Since, it's a warehouse project, no major pollutants are there. However, Environment Management Cell has been constituted to monitoring environment related aspects.
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. 45.5 Lacs towards the capital cost and Rs. 6.2 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs. 8.2 Lacs/annum towards the recurring cost in operation phase of the project including the environmental monitoring cost as per the details given as under	Agreed. EMP is implemented as committed and details of the same is submitted with six monthly compliance report.

**Construction Phase:**

Sr. No.	Description	Capital Cost (Rs. in Lacs)	Recurring cost (in LPA)	Recurring cost(in LPA)
<b>Construction Phase</b>				<b>Operation Phase</b>
1.	Air Pollution Control (tarpaulin sheets/ barricading, water sprinklers, etc.)	2	0.5	0.2
2.	Water Pollution Control (Septic Tank)	2	0.5	0.5
3.	Noise Pollution Control	0.5	0.5	0.5
4.	Landscaping	5	1	2
5.	Solid Waste Management (Bins, Compost Pit)	1	0.2	2
6.	Rain water Recharging (6 pits)	9	1	1
7.	Energy Conservation (LED lights, solar panels, etc.)	10	1.5	1
8.	Miscellaneous (Appointment of Consultants & Management of Environment Cell)	3	1	1
9.	CER Activities	13	-	-

	<b>Total</b>	<b>45.5</b>	<b>6.2</b>	<b>8.2</b>	
<p>The entire cost of the environmental management plan will be borne by the project proponent. Year-wise progress of implementation of action plan along with the Six-Monthly Compliance Report shall be submitted to Regional Office of MoEF&amp;CC and SEIAA.</p>					

#### **XI. Validity:**

<b>S. No.</b>	<b>Conditions</b>	<b>Reply</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.	As per latest MoEF&CC guidelines, EC stands valid for 10 years i.e. 23.02.2032.

#### **XII. Miscellaneous:**

<b>S. No.</b>	<b>Conditions</b>	<b>Reply</b>
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. Completion certificate has been obtained from Director of Factories, Punjab and same is attached as <b>Annexure 5</b> .
ii.	The project proponent shall comply with the conditions of CLU, if obtained.	All the conditions mentioned in CLU are complied.
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.	Agreed. Advertisement in the newspaper was published. Copy of the Newspaper cutting is again attached as <b>Annexure 9</b> .

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.	Copies of the environmental clearance were submitted to concerned authorities.
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 a half-yearly basis.	Agreed. Environment clearance conditions including results of monitored data will be uploaded on 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 the Environment Clearance portal and submit a copy of the same to SEIAA.	Agreed. The six-monthly compliance reports for period ending 31.03.2023 has been submitted. Acknowledgement regarding the same is enclosed as <b>Annexure 10</b> .
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.	Agreed and will be complied.
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.	Noted.
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 are strictly followed.
x.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made	Agreed. The commitments made in EC report is being followed.

	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.	Agreed. No changes will be made without prior permission from SEIAA.
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 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.	Noted.

### **XIII. Additional Conditions:**

<b>S. No.</b>	<b>Conditions</b>	<b>Reply</b>
i.	The approval is based on the conceptual plan/drawings submitted with the application. In 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.	The builtup area remains same as per EC accorded after approval of the layout plan.

ii.	The Project Proponent shall obtain Stage-1 approval for diversion of Forest land under the provision of Forest Act 1980 from the Competent Authority and submit the same within the six months. Failure to submit the clearance within 6 months will result in automatic revocation of the EC without any further notice to the Project Proponent..	NOC has been granted for diversion of 0.0928 ha. forest land for approach road under Forest (Conservation) Act vide file no. 9-PBB423/2023-CHA dated 16.02.2024 and copy of the same is attached as <b>Annexure 2</b> .
iii.	As proposed, a storage tank of capacity 5 KLD shall be installed to store the treated waste water generated from the septic tank	Storage tank of capacity 5 KLD has been provided to store the treated waste water generated from the septic tank.
iv.	The project proponent shall spend additional amount of Rs. 13 Lacs (0.6% of total project cost of Rs 21.62 Cr.) on CER activities with respect to resolve the issues of Air and water pollution in the vicinity of the project within 2 years, under the Environmental Management Plan (EMP) of the proposed project. In this regard, the detailed CER Plan will be submitted to SEIAA, Punjab for its approval by the Project Proponent, within 2 months.	Under CER activities, earlier pond rejuvenation was proposed. But later, the Sarpanch conveyed that pond rejuvenation done by Panchayati Raj Department. Thus, as per the requirement, installation of solar lights are proposed to undertake under CER activities in Village common areas. Revised NOC has been obtained in this regard and copy is enclosed as <b>Annexure 11</b> .
v.	This Environmental Clearance is liable to be revoked without any further notice to the Project Proponent in case of failure to comply with condition (ii) above.	Noted.
vi.	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	Same has been taken care while establishment of the project.

13)	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.	Noted.
14)	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.	Noted.
15)	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.	Noted.
16)	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	Noted.
17)	This issues as per the decision taken by the Competent Authority.	Noted.





# Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)



## TEST REPORT

ULR No. : TC1181824000001633F		Test Report No. : NWAM230224NA037	
Type of Sample : Water- Ground Water			
Customer Name	Warehouse Projects by M/s KMG Ventures LLP	Work Order No. & Date	Telephonic Order DT:23.02.2024
Address	at Vill. Ghagar Sarai, Teh. Rajpura, Distt Patiala, Punjab	Customer reference No. (If any)	NA
		Date of Sampling	23/02/2024
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Sample Receipt	23/02/2024
Sample Collection Mode	Sampling by laboratory	Period of Analysis	23/02/2024 To 27/02/2024
Testing Location	Permanent Facility	Date of Reporting	27/02/2024
Sampling Location	From Borewell		
Sample Description	Clear, colourless liquid.		
Standard/Specification	NA		
Packing, Markings, Seal & Qty.	2 litre Plastic & 500ml Glass Bottle Marked G/23/01		

## RESULTS

### I. Chemical Testing

#### 1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Detection Limit	Test Method
1	Colour	CU	BDL	1	IS 3025 (Part 4) Cl 2.0
2	Odour	-	Agreeable	-	IS 3025 (Part 5)
3	pH @ 25 °C	-	7.85	0.5	IS 3025 (Part 11)
4	Taste	-	Agreeable	-	IS 3025 (Part 8)
5	Turbidity	NTU	BDL	0.1	IS 3025 (Part 10)
6	Chloride as Cl	mg/l	156	1	IS 3025 (Part 32)
7	Iron as Fe	mg/l	0.18	0.001	USEPA 3015A
8	Total Hardness as CaCO <sub>3</sub>	mg/l	335	1	IS 3025 (Part 21)

### II. Biological Testing

#### 2. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Detection Limit	Test Method
1	Total Coliform	Present or Absent/100 ml	Absent	-	IS 15185
2	E. coli	Present or Absent/100 ml	Absent	-	IS 15185

Lata Thakur

Authorized Signatory-Biological

Umesh Kumar

Authorized Signatory-Chemical

Water- EL-FMT-7.8.2-W

**ECO BHAWAN** E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

Page No. 1/2

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TC-11818

ULR No. : TC1181824000001633F	Test Report No. : NWAM230224NA037
Type of Sample : Water- Ground Water	

Remarks : NA

**OTHER INFORMATION**

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

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

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

Lata Thakur  
Authorized Signatory-Biological

Umesh Kumar  
Authorized Signatory-Chemical



## TEST REPORT

ULR No. : TC1181824000001629F		Test Report No. : NS0M230224NA038	
Type of Sample : Soil			
Customer Name	Warehouse Projects by M/s KMG Ventures LLP	Work Order No. & Date	Telephonic Order DT:23.02.2024
Address	at Vill. Ghagar Sarai, Teh. Rajpura, Distt Patiala, Punjab	Customer reference No. (If any)	NA
		Date of Sampling	23/02/2024
Sampling Protocol	USEPA/600/R-92/128, EL-MSP-7.3	Date of Sample Receipt	23/02/2024
Sample Collection Mode	Sampling by laboratory	Period of Analysis	23/02/2024 To 27/02/2024
Testing Location	Permanent Fqacility	Date of Reporting	27/02/2024
Sampling Location	From Park		
Sample Description	Brown coloured soil.		
Standard/Specification	Soil Manual- Dept. of Agriculture (Gol); 2011		
Packing, Markings, Seal & Qty.	5 Kg Poly Bag Marked G/23/02		

## RESULTS

### I. Chemical Testing

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

S.No.	Test Parameter	Unit	Result	Detection Limit	Test Method
1	Conductivity	mS/m	0.339	0.01	IS 14767
2	Organic Matter	%	0.72	0.1	IS 2720 (Part 22) Sec 1
3	pH	-	8.02	0.5	IS 2720 (Part 26) Cl 2
4	Texture	-	Sandy clay loam	-	IS 2720 (Part 4) Cl 2.4
5	Moisture Content	%	12	0.1	IS 2720 (Part 2), Sec-1
6	Bulk Density	gm/cc	1.72	1	IS 2720 (Part 7)

Remarks : NA

### OTHER INFORMATION

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

\*\*End of Report\*\*

## TEST REPORT



ULR No. : TC1181824000001658F		Test Report No. : NAIM240224NA034	
Type of Sample : Ambient Air		Date of Reporting : 27/02/2024	
Customer	Warehouse Projects by M/s KMG Ventures LLP at Vill. Ghagar Sarai, Teh. Rajpura, Distt Patiala, Punjab	Work Order No. & Date	Telephonic Order DT:23.02.2024
		Customer reference No. (If any)	NA
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	23/02/2024	Date of Receipt of Sample	24/02/2024
Sampling Location	Project Site	Period of Analysis	24/02/2024 To 27/02/2024
Standard/ Specification	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	Environmental Conditions	Clear sky
		Testing Location : On Site & Permanent Facility	

## RESULTS

### I. Chemical Testing

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

S.No.	Test Parameter	Unit	Result	Standard	Detection Limit	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m <sup>3</sup>	93	100	5	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m <sup>3</sup>	56	60	5	IS 5182 (Part 24)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	5	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m <sup>3</sup>	32	80	7	IS 5182 (Part 6)
5	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	24	400	5	IS 5182 (Part 25)
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	20	180	5	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.77	4	0.1	IS 5182 (Part 10) NDIR method

Remarks : NA

#### OTHER INFORMATION

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\*\*End of Report\*\*

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.  
E-207  
Phase VIII-B  
(Sector-74)  
Mohali (Pb.)  
160071  
Umesh Kumar  
Authorized Signatory-Chemical



## TEST REPORT

ULR No. : TC118182400001664F		Test Report No. : NN0M240224NA035	
Type of Sample : Noise- Ambient Air			
Customer Name	Warehouse Projects by M/s KMG Ventures LLP	Work Order No. & Date	Telephonic Order DT:23.02.2024
Address	at Vill. Ghagar Sarai, Teh. Rajpura, Distt Patiala, Punjab	Customer reference No. (If any)	NA
		Date of Sampling	23/02/2024
Sampling Protocol	IS 9989, EL-MSP-7.3	Date of Sample Receipt	24/02/2024
Sample Collection Mode	Sampling by laboratory	Period of Analysis	24/02/2024 To 24/02/2024
Testing Location	On Site & Permanent Facility	Date of Reporting	27/02/2024
Sampling Location	Refer Below^		
Standard/Specification	Noise- Ambient Air: EPA 1986 Schedule III		
Environment conditions	--		

## RESULTS

### I. Chemical Testing

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

S.No.	Location^	Units	Result (Day)	Detection Limit	Test Method
1	Project Site	dB(A)	58.8	30	EL/SOP/AN/01

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

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

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.  
\*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

### OTHER INFORMATION

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