

EMAAR

INDIA

Date: 28.05.2025

Mr. K. Muthamizh Selvan
Scientist E
Ministry of Environment, Forests & Climate Change
Northern Regional Office
Bays No. 24-25, Sector 31-A,
Dakshin Marg, Chandigarh-160030

Subject: Environmental Clearance under EIA notification dated 14.09.2006 for obtaining development of Integrated Township namely "Mohali Hills" at Sectors-98, 99, 104, 105, 106, 108, 109 and 110, SAS Nagar, Mohali, Punjab by M/s EMAAR INDIA Ltd. (Proposal No. SIA/PB/NCP/25837 /2017) - Submission of Six-monthly Compliance Report – June 2025.

Ref.: Environment Clearance Letter No. SEIAA/PB/MIS/2023/EC/38 dt. 14.02.2024

Dear Sir,

With regards to the above-mentioned subject, we are hereby submitting soft copy of six-monthly report for the month of **June 2025** for the proposed Integrated Township Project.

We hope the above meets your requirement.

Thanks and Regards,

For M/s Emaar India Limited



Authorized Signatory

Encl: As stated

CC: 1. The Chairman, Punjab Pollution Control Board, Nabha Road, Patiala
2. State Level Environmental Impact Assessment Authority, Punjab

EMAAR INDIA LIMITED

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SIX MONTHLY EC COMPLIANCE REPORT DECEMBER 2024

Project Name: Environmental Clearance under EIA notification dated 14.09.2006 for obtaining development of Integrated Township namely "Mohali Hills" at Sectors-98, 99, 104, 105, 106, 108, 109 and 110, SAS Nagar, Mohali, Punjab by M/s Emaar India Limited (Proposal No. SIA/PB/INFRA2/440017/2023).

Environment Clearance File No. - SEIAA/PB/MIS/2023/EC/38 dt. 14.02.2024

STATUS OF ENVIRONMENT CLEARANCE

S. No.	Specific Condition	Status
i)	The Project Proponent shall ensure that treated wastewater being generated from the project is disposed off in scientific manner during all seasons. The Project Proponent shall develop 5.32 acres of land as per Karnal Technology for the disposal of excess treated wastewater by June 2024 and shall submit its compliance to SEIAA immediately after the stipulated period.	The same will be adhered
ii)	The Project Proponent shall develop additional plantation areas under Karnal Technology model in accordance with the development/occupancy. The development of such plantations to cater to the increase in treated waste water generation should anticipate and precede the actual occupancy and not be an emergency unplanned response after the population increases.	Noted

S. No.	Statutory compliances	Status
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.	The same will be adhered
ii)	The project proponent shall obtain the approval of the Competent Authority 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.	The same will be adhered
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.	The same will be adhered
iv)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	The same will be adhered
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.	The same will be adhered. The application is under process
vi)	The project proponent shall obtain the necessary permission for the abstraction of groundwater/ surface water required for the project from the competent authority.	The same has already been obtained and is enclosed as Annexure 1.

S. No.	Statutory compliances	Status
vii)	The project proponent shall obtain a certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.	The same has already been obtained
viii)	The project proponent shall obtain all other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire Department, and Civil Aviation Department, as applicable, from the respective competent authorities.	The same is being adhered
ix)	The project proponent shall follow 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.	The same is being adhered
x)	The project proponent shall follow the Energy Conservation Building Code (ECBC) / Energy Conservation Building Code-Residential (ECBC-R) prescribed by the Bureau of Energy Efficiency, Ministry of Power strictly.	The same will be adhered
xi)	The project site shall conform to the suitability as prescribed under the master plan of the respective city/ town. For that, the project proponent shall submit the NOC/ land use conformity certificate from Department of Town and Country Planning or the Competent Authority under whose jurisdiction, the site falls.	The approved Layout is enclosed as Annexure 2
xii)	Besides the above, the project proponent shall comply with siting criteria/guidelines, standard operating practices, code of practice, and guidelines if any prescribed by the Punjab Pollution Control Board (PPCB)/Central Pollution Control Board (CPCB)/Ministry of Environment Forest and Climate Change (MoEF&CC) for such types of projects.	The project is located in the an area earmarked for residential purpose.
xiii)	The project proponent shall construct the buildings as per the layout plan approved by the Competent Authority and in consonance of the project proposal for which this environment clearance is being granted.	The same is being adhered.

III. Air quality monitoring and preservation

S. No.	Air quality monitoring and preservation	Status
i)	The project proponent shall comply with the 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.	The same will be adhered
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.	The same will be adhered. Ambient air report is enclosed as Annexure 9 .
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.	The same will be adhered

S. No.	Air quality monitoring and preservation	Status
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.	The same is being adhered. DG Stack monitoring and noise level is enclosed as Annexure 3
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, other construction materials and waste prone to causing dust pollution at the site as well as taking out debris from the site.	The same will be adhered
vi)	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	The same will be adhered
vii)	No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.	The same will be adhered
viii)	No uncovered vehicles carrying construction material and waste shall be permitted.	The same will be adhered
ix)	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	The same will be adhered
x)	Grinding and cutting of building material in open areas shall be prohibited. A wet jet shall be provided for grinding and stone cutting.	The same will be adhered
xi)	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	The same will be adhered
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.	The same will be adhered
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.	The same will be adhered
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.	The same will be adhered

S. No.	Air quality monitoring and preservation	Status
xv)	For indoor air quality, the ventilation provisions as per the National Building Code of India shall be complied with.	The same will be adhered
xvi)	Roads leading to or at the construction site must be paved and blacktopped (i.e., metallic roads should be built and used)	The same is being adhered
xvii)	Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.	The same will be adhered
xviii)	Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measures will be notified at the site	The same will be adhered

IV. Water quality monitoring and preservation

S. No.	Water quality monitoring and preservation	Status
i)	The natural drainage system should be maintained for ensuring unrestricted flow of water.	The same will be adhered
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.	The same will be adhered
iii)	Buildings shall be designed to follow the natural topography as far as possible. Minimum cutting and filling should be done.	The same will be adhered
iv)	The total freshwater use shall not exceed the proposed requirement as mentioned in the application proposal.	The same will be adhered
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.	The same will be adhered
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.	The same will be adhered
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.	The same will be adhered
viii)	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.	The same will be adhered

S. No.	Water quality monitoring and preservation	Status	
ix)	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 negative impact on other users.	The same will be adhered	
x)	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.	The same will be adhered	
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.	The same is being adhered	
xii)	Installation of R.O. plants in the project will be discouraged in order to reduce water wastage in the 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.	The same will be adhered	
xiii)	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.	The same is being adhered	
xiv)	The project proponent will provide plumbing system for the 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:		
	S.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

S. No.	Water quality monitoring and preservation		Status	
	d)	Reject water streams from RO plants and AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White	
	e)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green	
	f)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating greywater	Green with strips	
	g)	Stormwater	Orange	
xv)	Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents, and adopting other best practices.			
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.		The same is being adhered	
xvii)	All recharge should be limited to shallow aquifers.		The same is being adhered	
xviii)	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.		The same will be adhered	
xix)	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.		The same will be adhered	
xx)	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.		The same is enclosed as Annexure 4	

S. No.	Water quality monitoring and preservation	Status
xxi)	Sewage shall be treated in the STP with tertiary treatment by providing ultra-filtration Technology. STP shall be installed in a phased manner viz a viz in the module system designed in a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing and gardening. No treated water shall be disposed of into the municipal stormwater drain.	The same will be adhered
xxii)	No sewage or untreated effluent would be discharged through stormwater drains. Onsite sewage treatment with a capacity to treat 100% wastewater will be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry / SEIAA before the project is commissioned for operation. Treated wastewater shall be reused on-site for landscape, flushing, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest, and Climate Change. Natural treatment systems shall be promoted.	The same is being adhered
xxiii)	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	The same is being adhered. STP analysis report is enclosed as Annexure 5
xxiv)	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed of as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	The same is being adhered

V. Noise monitoring and prevention

S.No.	Noise monitoring and prevention	Status
i)	Ambient noise levels shall conform to the commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during the construction phase. Adequate measures shall be made to reduce noise levels during the construction phase, so as to conform to the stipulated standards by CPCB/SPCB.	The same is being adhered. Ambient noise monitoring report is enclosed as Annexure 6
ii)	A noise level survey shall be carried out as per the prescribed guidelines and a report in this regard shall be submitted to the Regional Officer of the Ministry as a part of a six-monthly compliance report.	Noise level survey is enclosed as Annexure 6
iii)	Acoustic enclosures for DG sets, noise barriers for ground-run bays, earplugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	The same is being adhered. DG noise monitoring report is enclosed as Annexure 7

VI. Energy Conservation measures

S.No.	Energy Conservation measures	Status
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	The same will be adhered.
ii)	Outdoor and common area lighting shall be LED.	The same will be adhered.
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 daylighting design and thermal mass, etc. shall be incorporated in the building design. Wall, window, and roof U-values shall be as per ECBC specifications.	The same will be adhered.
iv)	Energy conservation measures like the installation of LEDs for lighting the area outside the building should be an integral part of the project design and should be in place before project commissioning.	The same will be adhered.
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.	The same will be adhered.
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.	The same will be adhered.

VII. Waste Management

S.No.	Waste Management	Status
i)	A certificate from the competent authority handling municipal solid waste (MSW), indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project shall be obtained.	The same will be adhered
ii)	The project proponent shall install mechanical composter of adequate capacity to treat wet component of the Solid Waste.	The same is being adhered.
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	The same will be adhered.

S.No.	Waste Management	Status
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	The same is being adhered.
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	The same is being adhered.
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.	The same is being adhered.
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.	The same is being adhered.
viii)	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, Autoclaved Aerated Concrete (AACs) bricks, fly ash lime gypsum blocks, Compressed earth blocks, and other environmental friendly materials.	The same will be adhered.
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.	The same will be adhered.
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.	The same will be adhered.
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.	The same will be adhered.
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.	The same will be adhered.

VIII. Green Cover

S.No.	Green Cover	Status
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.	The same will be adhered.

S.No.	Green Cover	Status
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 8 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 desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be undertaken as per SEIAA guidelines.	The same will be adhered.
iii)	Plantation activities should be commenced at the earliest and completed within 1 year. 32000 number of minimum 8 feet tall plants of indigenous tree species would be planted out of which 8082 trees have already been planted.	The same will be adhered.
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 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.	The same will be adhered.
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	The same will be adhered.
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 the plantation of the proposed vegetation on site.	The same will be adhered.
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.	The same will be adhered.
viii)	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.	The same will be adhered.

S.No.	Green Cover	Status
ix)	The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.	We have tied with Eco Conserve Foundation for plantation and fund has been released for the same.

IX. Transport

S.No.	Transport	Status
i)	<p>A comprehensive mobility plan, as per Ministry of Urban Development (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 the following criteria:</p> <ul style="list-style-type: none"> a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b) Traffic calming measures c) Proper design of entry and exit points. d) Parking norms as per local regulations. 	The same will be adhered.
ii)	Vehicles hired for bringing construction material to the site should be in good condition and should have a valid pollution check certificate, conform to applicable air and noise emission standards, and should be operated only during non-peak hours.	The same will be adhered.
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 km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on the cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies within this 05 Kms radius of the site in different scenarios of space and time. 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 involving the participation of these departments.	The same will be adhered.
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.	The same will be adhered.

X. Human health issues

S.No.	Human health issues	Status
i)	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris, or working in any area with dust pollution shall be provided with dust masks	The same will be adhered.
ii)	For indoor air quality, the ventilation provisions as per the National Building Code of India should be followed.	The same will be adhered.
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.	The same will be adhered.
iv)	Occupational health surveillance of the workers shall be done regularly.	The same will be adhered.
v)	A First Aid Room shall be provided at the project site both during construction and operations of the project.	The same is being adhered.

XI. Environment Management Plan

S.No.	Environment Management Plan	Status
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.	The same will be adhered.
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.	The same will be adhered.

S.No.	Environment Management Plan				Status
iii)	<p>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 and additional environmental activities are given in the tables given below:</p> <p style="text-align: center;">Table-I (EMP)</p>				The same will be adhered.
		Construction Phase		Oper ation Phase	
S. No.	Title	Capital Cost (in Lakhs)	Recurring Cost (in Lakhs per Annum)	Recur ring Cost (in Lakh s per Annu m)	
1.	Air & Noise Pollution Control (Acoustic enclosure for DG sets)	10	2	2	
2.	Water Pollution Control (Installation of 2 proposed STPs of capacity 0.5 & 1 MLD)	200	8	15	
3.	Landscaping and development of green area	300	30	40	
4.	Solid Waste Management	200	10	20	
5.	Rain water recharging pits	75	5	10	
6.	Environmental monitoring	3	5	5	

S.No.	Environment Management Plan				Status
7.	Energy conservation (Provision of Solar lights in common areas & parks)	25	1	2	
Total		Rs. 813 Lakhs	Rs. 61 Lakhs	Rs. 94 Lakhs	

Table-II (CER/AEA)

S. No	Activities	Total Expenditure	Expenditure done till 31.03.2023 (3 years)	Balance	
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(A) CER activities as per Existing EC granted vide no. DECC/SEIAA/2020/1512 dated 19.03.2020

Adoption of Village Raipur Kalan

1.	Constructing Public Health services i.e. water supply network, trunk sewer, street light, solid waste management etc.	Rs. 3.01 Cr	Rs. 1.2 Cr	Rs. 1.81 Cr	The same will be adhered.
2.	Adoption of Village Pond & its maintenance	Rs. 1.4 Cr	Rs. 40 lakhs	Rs. 1 Cr	
3.	Installation of water coolers in common areas for general public in different places	Rs. 10.5 lakhs	Rs. 3 lakhs	Rs. 7.5 lakhs	
4.	Distribution of woollen clothes, blanket and food to needy people	Rs. 7 lakhs	Rs. 2 lakhs	Rs. 5 lakhs	
5.	Adoption of Govt. Primary School in Village Moujpur in terms of its maintenance and other necessary facilities	Rs. 17.5 lakhs	Rs. 5 lakhs	Rs. 12.5 lakhs	
6.	Tree plantation drive on World Environment DayCost	Rs. 5 lakhs	Rs. 2 lakhs	Rs. 3 lakhs	
	Total	Rs. 4.81 Crores	Rs. 1.72 Crores	Rs. 3.09 Crores	

(B) AEA Activities to be carried out as per Expansion proposal

	Provision of crop residue machinery (in situ/ex situ) for management of stubble burning through PPCB / District Administration.	Rs. 2 Cr	-	Rs. 2 Cr	
	Development of Nanak Bagichi (mini forest) on Panchayat land in Village Bharatpur	Rs. 59 lakhs	-	Rs. 59 lakhs	
	Installation of Solar lights in Village Moujpur and Bharatpur	Rs. 60 lakhs	-	Rs. 60 lakhs	
	Depositing funds in the Greening Punjab Mission through concerned DFO	Rs. 2 Cr	-	Rs. 2 Cr	
	Total	Rs. 5.19 Cr.		Rs. 5.19 Cr.	
	Grand Total (A+B)	Rs. 10 Cr.	Rs. 1.72 Cr.	Rs. 8.28 Cr.	
<p>The Project Proponent shall implement the EMP and CER/ AEA plan as per Tables I & II above. The activities mentioned in the CER/ AEA plans shall be completed within 2 years.</p> <p>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, MoEF&CC/ SEIAA along with the six-monthly compliance report.</p> <p>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.</p>					

XII. Validity

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

XIII. Miscellaneous

S. No.	Miscellaneous	Status
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.	The same will be adhered.
ii)	The project proponent shall comply with the conditions of CLU, if obtained.	The same will be adhered.
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 environmental clearance and the details of MoEF&CC/SEIAA website where it is displayed.	The same is enclosed as Annexure 8
iv)	The copies of the environmental clearance shall be submitted by the project proponent 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.	The same is being adhered.
v)	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis.	The same is being adhered.
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, failing which the EC granted to the Project Proponent is liable to be revoked	Noted
vii)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned Punjab Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put the same on the website of the company.	Noted
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.	The same will be adhered.

S. No.	Miscellaneous	Status
ix)	The project authorities must strictly adhere to the stipulations made by the Punjab Pollution Control Board and the State Government.	The same is being adhered.
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 made to SEIAA / SEAC during their presentation.	The same will be adhered.
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 include additional environmental protection measures required, if any.	Noted
xii)	The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor the compliance of all 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.	Noted
xiii)	This Environmental Clearance is granted subject to the final outcome of related pending 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 the project.	Noted

XII. Additional Conditions

S. No.	Additional Conditions	Status
i)	The approval is based on the approved 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.	Noted
ii)	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.	The same will be adhered.
iii)	The solid waste other than Hazardous Waste (dry as well as wet garbage) generated should be properly collected and segregated before disposal to Municipal Authorities in accordance with the Solid Waste (Management) Rules, 2016. No municipal waste should be disposed off outside the premises in contravention of relevant rules and bylaws. Adequate measures should be taken to prevent any odour in and around the project premises.	The same will be adhered.

S. No.	Additional Conditions	Status
iv)	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 MoEF&CC. 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 MoEF&CC, Chandigarh/PPCB.	Noted
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 (v) above.	Noted
vi)	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.	Noted
vii)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Promoter Company in a time bound manner shall implement these conditions.	Noted
viii)	The above conditions shall 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, 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.	Noted
ix)	The project proponent is required to plant indigenous tree species of minimum 8 feet height and healthy growth for development of green area.	The same will be adhered



PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY

SCO 149-152, SECTOR 17, CHANDIGARH – 160017

ad interim PERMISSION FOR EXTRACTION OF GROUNDWATER

Name of Unit	Integrated Township "Mohali Hills" by M/s Emaar India Limited		
Activity of Unit:	Infrastructure		
Address of Unit:	Integrated Township "Mohali Hills" by M/s Emaar India Limited, Sector-98,99,104,105,106,108, 109,110 Landran Banur Road, District SAS Nagar	PIN Code: 166002	
Assessment Unit (Block):	Kharar	Category: Yellow	
District:	SAS Nagar		
Correspondence Address:	Emaar India Limited, Emaar Business Park, MG Road, Sikanderpur Chowk, Sector 28, Gurugram	PIN Code: 122002	
Unit ID	0940500285		
Permission Number	PWRDA/01/2022/L3/302	Dated: 19.01.2022	
Project Status:	Existing Unit		
Permission Type:	<i>ad-interim</i> Permission		
Validity Period:	For a period of three months from the date of publication of the final guidelines by the Authority, or for three years from the date of grant of this <i>ad interim</i> permission, whichever is earlier.		
Ground Water Extraction Permitted: 2000 m ³ /day			
Fresh Water		Saline Water	
m ³ /day	m ³ /month*	m ³ /day	m ³ /month*
2000	60,000	-	-

*Note:- Month is taken as 30 days for calculation of charges.

Fees and Charges Paid:**A. Application Fees for Groundwater Extraction:**

Volume of Groundwater Extraction Applied For per day (in m ³ /day)	Fees Deposited (in Rs.)
2000	1,00,000/-

B. Advance Deposit equivalent to two months of charges for the permitted quantity of groundwater extraction:

Category of Area	Extraction Permitted: (m ³ /day)	2000	Amount Deposited (Rs.)	
Yellow	Charges for two months		21,31,200/-	
	<10 m ³ /day	10-100 m ³ /day		>100 m ³ /day
	3,600	75,600		20,52,000

C. Tube-well Registration Fee paid:

No. of existing tube-wells	No. of Proposed tube-wells	No. of total tube-wells	Registration Fee applicable per tube-well	Total Registration Fee Paid (Rs.)
10	Nil	10	25,000/-	2,50,000/-

D. Total Amount Paid (Rs.):

Application Fee	Advance Deposit	Tube-well Registration Fee	Total(Rs.)
1,00,000/-	21,31,200/-	2,50,000/-	24,81,200/-

NOTE: This permission is granted in terms of the Draft Punjab Guidelines for Groundwater Extraction and Conservation published on November 12, 2020 under section 15 of the Punjab Water Resources (Regulation and Management) Act 2020 and is subject to the conditions given overleaf.

Dated: 19th January, 2022

Place: CHANDIGARH



19.01.2022
Signature
J.K Jain, A.O.L-3
Senior Manager (Admin & Control)
Punjab Water Regulation and
Development Authority

ad interim PERMISSION CONDITIONS

- 1) The permission is valid for a period of three months from the date of publication of the final guidelines by the Authority, or for three years from the date of grant of this ad interim permission, whichever is earlier. The unit will apply again for Permission within one month after the publication of the final Guidelines.
- 2) Since, this Permission has been issued on the basis of self-assessment by the applicant and without any site inspection or verification of documents submitted by the applicant, hence the Authority may inspect the unit and documents at any time. In case any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the permission granted immediately and may revoke or modify the permission after giving a notice to the Unit.
- 3) The unit shall comply with the provisions of the Punjab Water Resources (Management and Regulation) Act, 2020, and the Regulations and Directions issued there under.
- 4) A Unit operational prior to 12/11/2020 shall be liable to pay groundwater extraction charges w.e.f. 12th Nov, 2020. A unit which is yet to begin operations shall be liable to pay the charges from the date of commencement of extraction of groundwater.
- 5) The unit shall install a water meter at each of its extraction structures within 60 days of issue of this permission letter or approval of water meter specifications, whichever is later.
- 6) Till the installation of water meter the Unit shall pay the full amount for the entire volume of groundwater permitted.
- 7) The Unit shall self-record the water meter readings in the format set by the Authority on the first working day of every month and submit the same and pay the applicable charges to PWRDA by 10th of every month.
- 8) Units permitted to extract 50m³/day or more groundwater shall communicate water level data to PWRDA in the first week of every month. (Refer para 7.2 of the Draft Guidelines)
- 9) This Permission does not absolve the unit of its obligations to obtain other required statutory and administrative clearances from appropriate authorities.
- 10) The issue of this Permission does not imply that other statutory or administrative clearances shall necessarily be granted to the unit by the concerned authorities.
- 11) This Permission is being issued without any prejudice to the directions of any court of law in cases related to groundwater or any other related matters.
- 12) Water conservation credit claims (if any) will be examined and verified separately.
- 13) In view of the Covid-19 epidemic, the Groundwater Charges in the Draft Guidelines will be reduced by 20% till July 31st, 2021.
- 14) Since, the unit has not paid the GST. Hence, it will be bound to deposit the same within 7 days as and when required by the Authority.

X-----X

PROMOTERS



Emaar MGF Land Limited
REGD. OFFICE: ECE House, 28 Kasturba Gandhi Marg, New Delhi - 110 001

SECTOR 98

RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.27
2	2	1	-	0.10
3	3	1	-	0.17
4	4	1	-	0.42
5	5	1	-	0.30
6	6	1	-	0.19
7	7	1	-	0.40
8	8	1	-	0.11
9	9	1	-	0.12
10	10	1	-	0.52
11	11	1	-	1.04
12	12	1	-	0.71
13	13	1	-	0.17
14	14	1	-	0.17
15	15	1	-	0.19
16	16	1	-	0.40
17	17	1	-	0.13
18	18	1	-	0.56
19	19	1	-	0.23
20	20	1	-	0.26
21	21	1	-	0.02
22	21a	1	-	5.32
23	22	1	-	0.34
24	23	1	-	1.53
25	24	1	-	0.31
26	25	1	-	0.29
27	26	1	-	0.02
28	27	1	-	0.13
29	28	1	-	0.20
30	29	1	-	0.24
31	30	1	-	0.24
32	31	1	-	0.27
33	32	1	-	0.27
34	33	1	-	0.46
35	33a	1	-	0.13
36	34	1	-	0.50
37	35	1	-	0.50
38	36	1	-	1.39
39	37	1	-	0.12
40	38	1	-	0.42
41	39	1	-	0.35
42	40	1	-	0.55
43	41	1	-	0.36
44	42	1	-	0.38
45	43	1	-	0.10
46	44	1	-	0.12
47	45	1	-	0.13
48	46	1	-	0.13
49	47	1	-	0.17
50	48	1	-	0.32
51	49	1	-	0.16
TOTAL RESD. AREA (IN ACRES)				21.84
RESIDENTIAL		No. OF PLOTS	178	12.83
COMMERCIAL (IN ACRES)		0.83		
TOTAL SALEABLE AREA (IN ACRES)				13.66

SECTOR 99				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
2	1A	1	-	0.12
6	5	1	-	0.25
TOTAL RESD. AREA (IN ACRES)				0.37
RESIDENTIAL		No. OF PLOTS	115	5.15
EWIS (IN ACRES)		2.42		
TOTAL SALEABLE AREA (IN ACRES)				7.57

SECTOR 104				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.23
2	2	1	-	0.30
3	3	1	-	0.13
TOTAL RESD. AREA (IN ACRES)				0.66
RESIDENTIAL		No. OF PLOTS	180	9.62
EWIS (IN ACRES)		1.11		
TOTAL SALEABLE AREA (IN ACRES)				10.73

SECTOR 105				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.24
2	2	1	-	0.05
3	3	1	-	0.37
4	4	1	-	0.10
5	5	1	-	0.20
6	6	1	-	0.07
7	7	1	-	0.21
8	9	1	-	0.49
9	10	1	-	0.17
10	11	1	-	0.24
11	13	1	-	0.11
12	14	1	-	0.52
13	15	1	-	0.23
14	17	1	-	0.08
15	18	1	-	0.42
16	19	1	-	0.28
17	20	1	-	0.06
18	22	1	-	0.36
19	23	1	-	0.32
TOTAL RESD. AREA (IN ACRES)				4.50
RESIDENTIAL		No. OF PLOTS	464	34.80
COMMERCIAL (IN ACRES)		6.18		
GROUP HOUSING (IN ACRES)		14.084		
TOTAL SALEABLE AREA (IN ACRES)				55.06

SECTOR 106				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 108				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 109				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 110				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 111				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 112				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 113				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 114				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 115				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 116				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 117				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 118				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 119				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 120				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 121				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 122				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 123				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 124				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 125				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 126				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 127				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 128				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 129				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
TOTAL RESD. AREA (IN ACRES)				0.03
RESIDENTIAL		No. OF PLOTS	80	5.43
TOTAL SALEABLE AREA (IN ACRES)				5.43

SECTOR 130				
RESERVED AREAS				
S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03

INTEGRATED TOWNSHIP WITH SPECIAL EDUCATION AND WELLNESS ZONE
SECTOR- 108,109 & 110
SAS NAGAR



Emaar MGF Land Limited
REGD. OFFICE: E-2, Phase - 2, Eastern Chhatrapati, New Delhi - 110 001

RESERVED AREAS

S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.21
2	2	1	-	0.38
3	3	1	-	0.47
4	4	1	-	0.13
5	5	1	-	0.14
6	6	1	-	0.08
7	7	1	-	0.25
8	8	1	-	0.29
9	9	1	-	0.23
10	10	1	-	0.12
11	11	1	-	0.05
12	12	1	-	0.21
13	13	1	-	0.21
14	14	1	-	0.05
15	15	1	-	0.05
16	16	1	-	0.05
17	17	1	-	0.05
18	18	1	-	0.05
19	19	1	-	0.05
20	20	1	-	0.05
21	21	1	-	0.05
22	22	1	-	0.05
23	23	1	-	0.05
24	24	1	-	0.05
25	25	1	-	0.05
26	26	1	-	0.05
27	27	1	-	0.05
28	28	1	-	0.05
29	29	1	-	0.05
30	30	1	-	0.05
31	31	1	-	0.05
32	32	1	-	0.05
33	33	1	-	0.05
34	34	1	-	0.05
35	35	1	-	0.05
36	36	1	-	0.05
37	37	1	-	0.05
38	38	1	-	0.05
39	39	1	-	0.05
40	40	1	-	0.05
41	41	1	-	0.05
42	42	1	-	0.05
43	43	1	-	0.05
44	44	1	-	0.05
45	45	1	-	0.05
46	46	1	-	0.05
47	47	1	-	0.05
48	48	1	-	0.05
49	49	1	-	0.05
50	50	1	-	0.05
51	51	1	-	0.05
52	52	1	-	0.05
53	53	1	-	0.05
54	54	1	-	0.05
55	55	1	-	0.05
56	56	1	-	0.05
57	57	1	-	0.05
58	58	1	-	0.05
59	59	1	-	0.05
60	60	1	-	0.05
61	61	1	-	0.05
62	62	1	-	0.05
63	63	1	-	0.05
64	64	1	-	0.05
65	65	1	-	0.05
66	66	1	-	0.05
67	67	1	-	0.05
68	68	1	-	0.05
69	69	1	-	0.05
70	70	1	-	0.05
71	71	1	-	0.05
72	72	1	-	0.05
73	73	1	-	0.05
74	74	1	-	0.05
75	75	1	-	0.05
76	76	1	-	0.05
77	77	1	-	0.05
78	78	1	-	0.05
79	79	1	-	0.05
80	80	1	-	0.05
81	81	1	-	0.05
82	82	1	-	0.05
83	83	1	-	0.05
84	84	1	-	0.05
85	85	1	-	0.05
86	86	1	-	0.05
87	87	1	-	0.05
88	88	1	-	0.05
89	89	1	-	0.05
90	90	1	-	0.05
91	91	1	-	0.05
92	92	1	-	0.05
93	93	1	-	0.05
94	94	1	-	0.05
95	95	1	-	0.05
96	96	1	-	0.05
97	97	1	-	0.05
98	98	1	-	0.05
99	99	1	-	0.05
100	100	1	-	0.05

TOTAL RESD. AREA (IN ACRES) 812
TOTAL SALEABLE AREA (IN ACRES) 57.32

RESERVED AREAS

S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.08
2	2	1	-	0.16
3	3	1	-	0.04
4	4	1	-	0.04
5	5	1	-	0.05
6	6	1	-	0.05
7	7	1	-	0.22
8	8	1	-	0.21
9	9	1	-	0.19
10	10	1	-	0.10
11	11	1	-	0.12
12	12	1	-	0.08
13	13	1	-	0.08
14	14	1	-	0.16
15	15	1	-	0.16
16	16	1	-	0.41
17	17	1	-	0.61
18	18	1	-	0.23
19	19	1	-	0.23
20	20	1	-	0.07
21	21	1	-	0.08
22	22	1	-	0.13
23	23	1	-	0.06
24	24	1	-	0.06
25	25	1	-	0.06
26	26	1	-	0.11
27	27	1	-	0.11
28	28	1	-	0.48
29	29	1	-	3.28
30	30	1	-	9.06
31	31	1	-	9.06
32	32	1	-	9.06
33	33	1	-	9.06
34	34	1	-	9.06
35	35	1	-	9.06
36	36	1	-	9.06
37	37	1	-	9.06
38	38	1	-	9.06
39	39	1	-	9.06
40	40	1	-	9.06
41	41	1	-	9.06
42	42	1	-	9.06
43	43	1	-	9.06
44	44	1	-	9.06
45	45	1	-	9.06
46	46	1	-	9.06
47	47	1	-	9.06
48	48	1	-	9.06
49	49	1	-	9.06
50	50	1	-	9.06
51	51	1	-	9.06
52	52	1	-	9.06
53	53	1	-	9.06
54	54	1	-	9.06
55	55	1	-	9.06
56	56	1	-	9.06
57	57	1	-	9.06
58	58	1	-	9.06
59	59	1	-	9.06
60	60	1	-	9.06
61	61	1	-	9.06
62	62	1	-	9.06
63	63	1	-	9.06
64	64	1	-	9.06
65	65	1	-	9.06
66	66	1	-	9.06
67	67	1	-	9.06
68	68	1	-	9.06
69	69	1	-	9.06
70	70	1	-	9.06
71	71	1	-	9.06
72	72	1	-	9.06
73	73	1	-	9.06
74	74	1	-	9.06
75	75	1	-	9.06
76	76	1	-	9.06
77	77	1	-	9.06
78	78	1	-	9.06
79	79	1	-	9.06
80	80	1	-	9.06
81	81	1	-	9.06
82	82	1	-	9.06
83	83	1	-	9.06
84	84	1	-	9.06
85	85	1	-	9.06
86	86	1	-	9.06
87	87	1	-	9.06
88	88	1	-	9.06
89	89	1	-	9.06
90	90	1	-	9.06
91	91	1	-	9.06
92	92	1	-	9.06
93	93	1	-	9.06
94	94	1	-	9.06
95	95	1	-	9.06
96	96	1	-	9.06
97	97	1	-	9.06
98	98	1	-	9.06
99	99	1	-	9.06
100	100	1	-	9.06

TOTAL RESD. AREA (IN ACRES) 812
TOTAL SALEABLE AREA (IN ACRES) 57.32

RESERVED AREAS

S.NO	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.08
2	2	1	-	0.16
3	3	1	-	0.04
4	4	1	-	0.04
5	5	1	-	0.05
6	6	1	-	0.05
7	7	1	-	0.22
8	8	1	-	0.21
9	9	1	-	0.19
10	10	1	-	0.10
11	11	1	-	0.12
12	12	1	-	0.08
13	13	1	-	0.08
14	14	1	-	0.16
15	15	1	-	0.16
16	16	1	-	0.41
17	17	1	-	0.61
18	18	1	-	0.23
19	19	1	-	0.23
20	20	1	-	0.07
21	21	1	-	0.08
22	22	1	-	0.13
23	23	1	-	0.06
24	24	1	-	0.06
25	25	1	-	0.06
26	26	1	-	0.11
27	27	1	-	0.11
28	28	1	-	0.48
29	29	1	-	3.28
30	30	1	-	9.06
31	31	1	-	9.06
32	32	1	-	9.06
33	33	1	-	9.06
34	34	1	-	9.06
35	35	1	-	9.06
36	36	1	-	9.06
37	37	1	-	9.06
38	38	1	-	9.06
39	39	1	-	9.06
40	40	1	-	9.06
41	41	1	-	9.06
42	42	1	-	9.06
43	43	1	-	9.06
44	44	1	-	9.06
45	45	1	-	9.06
46	46	1	-	9.06
47	47	1	-	9.06
48	48	1	-	9.06
49	49	1	-	9.06
50	50	1	-	9.06
51	51	1	-	9.06
52	52	1	-	9.06
53	53	1	-	9.06
54	54	1	-	9.06
55	55	1	-	9.06
56	56	1	-	9.06
57	57	1	-	9.06
58	58	1	-	9.06
59	59	1	-	9.06
60	60	1	-	9.06
61	61	1	-	9.06
62	62	1	-	9.06
63	63	1	-	9.06
64	64	1	-	9.06
65	65	1	-	9.06
66	66	1	-	9.06
67	67	1	-	9.06
68	68	1	-	9.06
69	69	1	-	9.06
70	70	1	-	9.06
71	71	1	-	9.06
72	72	1	-	9.06
73	73	1	-	9.06
74	74	1	-	9.06
75	75	1	-	9.06
76	76	1	-	9.06
77	77	1	-	9.06
78	78	1	-	9.06
79	79	1	-	9.06
80	80	1	-	9.06
81	81	1	-	9.06
82	82	1	-	9.06
83	83	1	-	9.06
84	84	1	-	9.06
85	85	1	-	9.06
86	86	1	-	9.06
87	87	1	-	9.06
88	88	1	-	9.06
89	89	1	-	9.06
90	90	1	-	9.06
91	91	1	-	9.06
92	92	1	-	9.06
93	93	1	-	9.06
94	94	1	-	9.06
95	95	1	-	9.06
96	96	1	-	9.06
97	97	1	-	9.06
98	98	1	-	9.06
99	99	1	-	9.06
100	100	1	-	9.06



Vardan Envirolab LLP

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ISO 9001 | ISO 14001 | ISO 45001



Test Report

Page No. 1/1

Sample Number : VEL/AP/06

Name & Address of the Party : M/s Mohali Hills,
Sector-105,Mohali,(Punjab).

Report No. : VEL/AP/2501210036

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 27/01/2025

Period of Analysis : 21/01/2025-27/01/2025

Receipt Date : 21/01/2025

Name of Sample : Stack Emission Monitoring

Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set Area (Sector-105)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 15/01/2025
Sampling duration (Minutes) : 44.0
Stack attached to : DG Set No.3 (500 KVA)
Make of stack : MS
Type of Fuel Used : HSD
Diameter of stack(m) : 0.30 Mtr.
Height of stack(m) : 36.57 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 19.0
Temperature of Stack Gases - Ts (°C) : 180.0
Velocity of Stack Gases (m/sec.) : 7.89
Flow rate of PM (LPM) : 20.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM)	IS 11255 (P-1) :2019	0.017	g/kw-hr	0.02
2	Oxide of Nitrogen (as NOx)	VEL/EN/STP/146,Issue No.-01, Issue date 01/11/2023	0.261	g/kw-hr	0.40
3	Total Hydrocarbon (as HC)	VEL/EN/STP/137,Issue No.-01, Issue date 01/11/2023	0.061	g/kw-hr	0.19
4	Sulphur Dioxide (as SO2)	IS 11255 (P-2)	0.091	g/kw-hr	Not Specified
5	Carbon Monoxide (as CO)	VEL/EN/STP/146,Issue No.-01, Issue date 01/11/2023	0.362	g/kw-hr	3.5

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Test Report

Page No. 1/1

Sample Number : VEL/AP/07
Name & Address of the Party : M/s Mohali Hills.
Sector-105,Mohali,(Punjab).

Report No. : VEL/AP/2501210037
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : Stack Emission Monitoring
Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set Area (Sector-108)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 15/01/2025
Sampling duration (Minutes) : 39.0
Stack attached to : DG Set (82.5 KVA)
Make of stack : MS
Type of Fuel Used : HSD
Diameter of stack(m) : 0.10 Mtr.
Height of stack(m) : 6.09 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 19.0
Temperature of Stack Gases - Ts (°C) : 65.0
Velocity of Stack Gases (m/sec.) : 6.80
Flow rate of PM (LPM) : 24.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM)	IS 11255 (P-1) :2019	0.014	g/kw-hr	0.02
2	Oxide of Nitrogen (as NOx)	VEL/EN/STP/146,Issue No.-01, Issue date 01/11/2023	0.236	g/kw-hr	0.40
3	Total Hydrocarbon (as HC)	VEL/EN/STP/137,Issue No.-01, Issue date 01/11/2023	0.038	g/kw-hr	0.19
4	Sulphur Dioxide (as SO2)	IS 11255 (P-2)	0.071	g/kw-hr	Not Specified
5	Carbon Monoxide (as CO)	VEL/EN/STP/146,Issue No.-01, Issue date 01/11/2023	0.358	g/kw-hr	3.5

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Test Report

Sample Number : VEL/AP/08
Name & Address of the Party : M/s Mohali Hills,
Sector-105, Mohali, (Punjab).

Report No. : VEL/AP/2501210038
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : Stack Emission Monitoring
Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set Area (Sector-109)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 15/01/2025
Sampling duration (Minutes) : 38.0
Stack attached to : DG Set (82.5 KVA)
Make of stack : MS
Type of Fuel Used : HSD
Diameter of stack(m) : 0.10 Mtr.
Height of stack(m) : 6.09 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 19.0
Temperature of Stack Gases - Ts (°C) : 60.0
Velocity of Stack Gases (m/sec.) : 6.85
Flow rate of PM (LPM) : 24.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM)	IS 11255 (P-1) :2019	0.018	g/kw-hr	0.02
2	Oxide of Nitrogen (as NOx)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.269	g/kw-hr	0.40
3	Total Hydrocarbon (as HC)	VEL/EN/STP/137, Issue No.-01, Issue date 01/11/2023	0.039	g/kw-hr	0.19
4	Sulphur Dioxide (as SO2)	IS 11255 (P-2)	0.085	g/kw-hr	Not Specified
5	Carbon Monoxide (as CO)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.362	g/kw-hr	3.5

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Test Report

Page No. 1/1

Sample Number : VEL/AP/03
Name & Address of the Party : M/s Emaar Habitat Club House Mohali Hills
Sector-105, Mohali, Punjab, India. (160062)

Report No. : VEL/AP/2501210023
Format No : 7.9 F-03
Party Reference No : Nil
Reporting Date : 25/01/2025
Period of Analysis : 21/01/2025-25/01/2025
Receipt Date : 21/01/2025

Name of Sample : Stack Emission Monitoring
Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set Area
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 18/01/2025
Sampling duration (Minutes) : 44.0
Stack attached to : DG Set (380 KVA)
Make of stack : MS
Type of Fuel Used : HSD
Diameter of stack(m) : 0.22 Mtr.
Height of stack(m) : 12.19 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 17.0
Temperature of Stack Gases - Ts (°C) : 180.0
Velocity of Stack Gases (m/sec.) : 7.89
Flow rate of PM (LPM) : 20.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM)	IS 11255 (P-1) :2019	0.016	g/kw-hr	0.02
2	Oxide of Nitrogen (as NOx)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.264	g/kw-hr	0.40
3	Total Hydrocarbon (as HC)	VEL/EN/STP/137, Issue No.-01, Issue date 01/11/2023	0.096	g/kw-hr	0.19
4	Sulphur Dioxide (as SO2)	IS 11255 (P-2)	0.086	g/kw-hr	Not Specified
5	Carbon Monoxide (as CO)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.336	g/kw-hr	3.5

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Test Report

Sample Number : VEL/AP/02
Name & Address of the Party : M/s Mohali The Views,
Sector-105,S.A.S Nagar,Mohali.(Punjab)

Report No. : VEL/AP/2501210029
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : Stack Emission Monitoring
Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set area
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 16/01/2025
Sampling duration (Minutes) : 44.0
Stack attached to : DG Set (380 KVA)
Make of stack : MS
Type of Fuel Used : HSD
Diameter of stack(m) : 0.30 Mtr.
Height of stack(m) : 38.57 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 20.0
Temperature of Stack Gases - Ts (°C) : 180.0
Velocity of Stack Gases (m/sec.) : 7.89
Flow rate of PM (LPM) : 20.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM)	IS 11255 (P-1) :2019	0.016	g/kw-hr	0.02
2	Oxide of Nitrogen (as NOx)	VEL/EN/STP/146,Issue No.-01, Issue date 01/11/2023	0.321	g/kw-hr	0.40
3	Total Hydrocarbon (as HC)	VEL/EN/STP/137,Issue No.-01, Issue date 01/11/2023	0.069	g/kw-hr	0.19
4	Sulphur Dioxide (as SO2)	IS 11255 (P-2)	0.086	g/kw-hr	Not Specified
5	Carbon Monoxide (as CO)	VEL/EN/STP/146,Issue No.-01, Issue date 01/11/2023	0.321	g/kw-hr	3.5

End of Report

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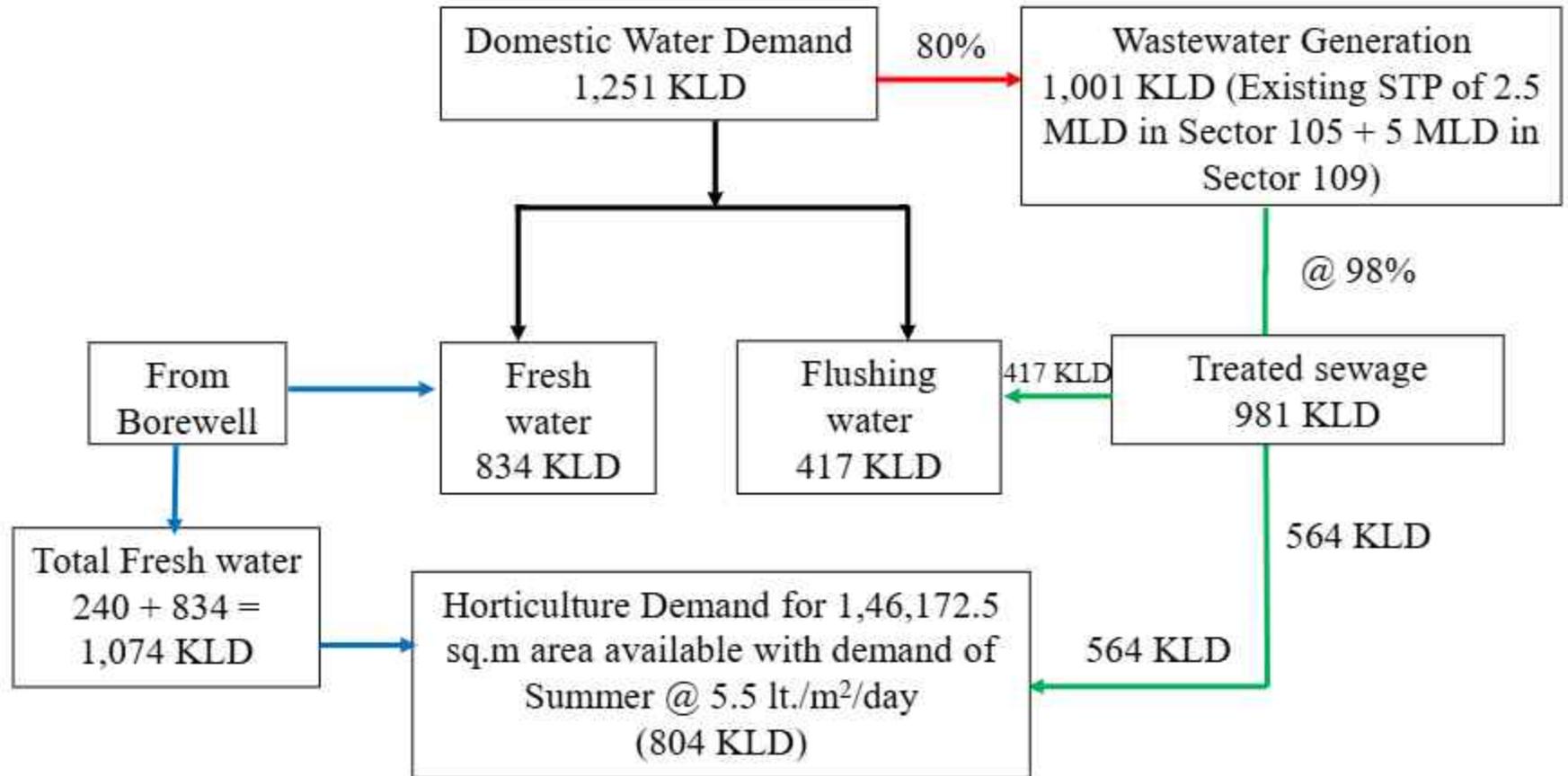
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WATER DEMAND OF CURRENT OCCUPANCY

ANNEXURE- 4

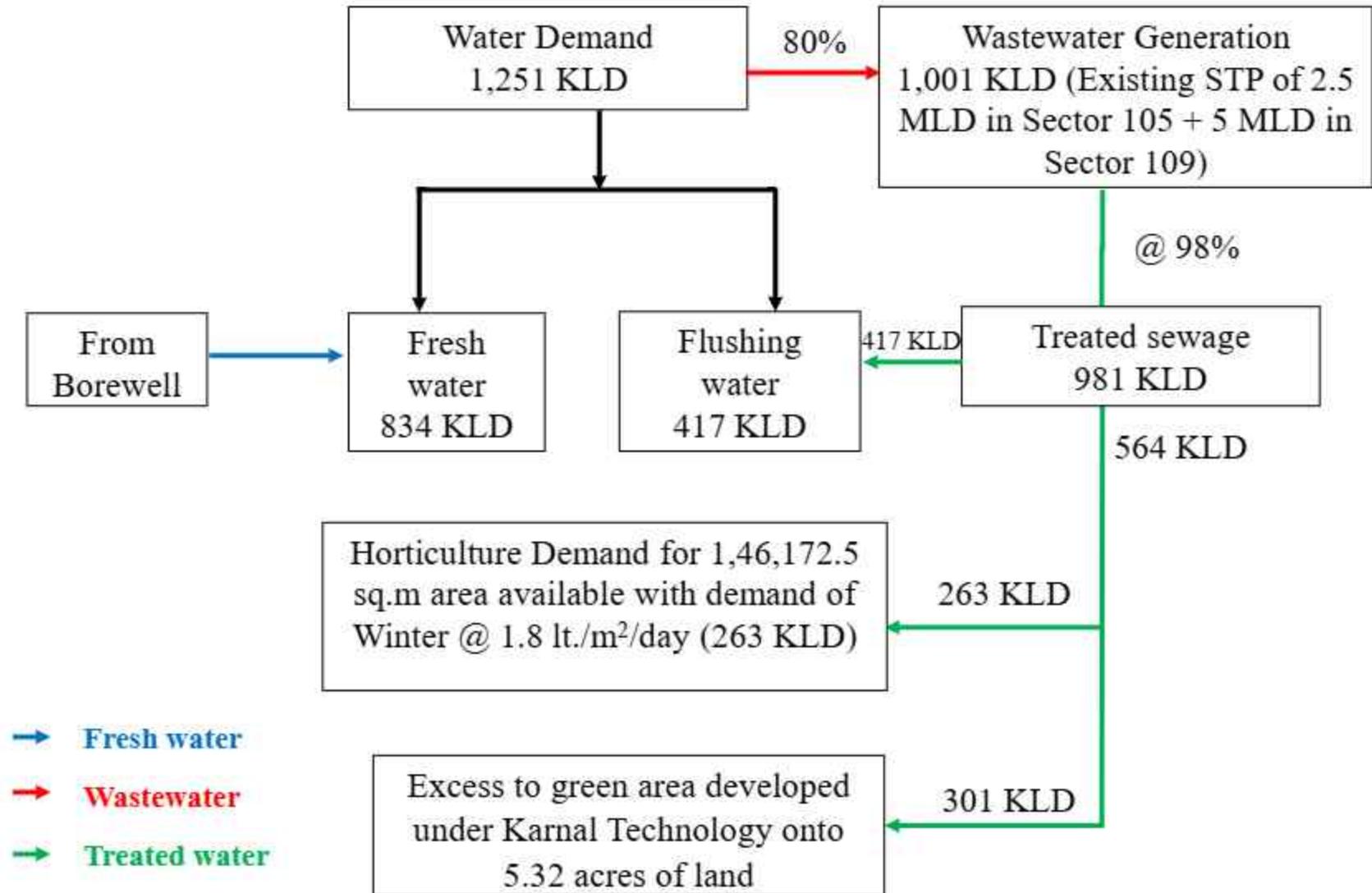
S. No	Description	Population	Criteria	Water Demand
1.	Residential Population	9,250	135 lpcd	1,249 KLD
2.	Floating Population	50	45 lpcd	2 KLD
Total Water Demand				1,251 KLD
Total Flushing Water Requirement @ 45 lpcd for residential pop. and @ 20 lpcd for floating Pop.				417 KLD
Net Fresh water requirement				1,251 – 417 = 834 KLD
Sewage generation (@ 80% of 1,251 KLD)				1,001 KLD
Capacity of STP				Existing STP of 2.5 MLD in Sector 105 + 5 MLD in Sector 109
Treated wastewater (@ 98% of 1,001 KLD)				981 KLD
Horticulture demand for an area of 1,46,172.5 sq.m (or 36.12 acres)				
<ul style="list-style-type: none"> • Summer (@ 5.5. lt./sq.m./day) 804 KLD • Winter (@ 1.8 lt./sq.m./day) 263 KLD • Monsoon (@ 0.5 lt./sq.m./day) 73 KLD 				

WATER BALANCE DIAGRAM FOR SUMMER SEASON (CURRENT OCCUPANCY)

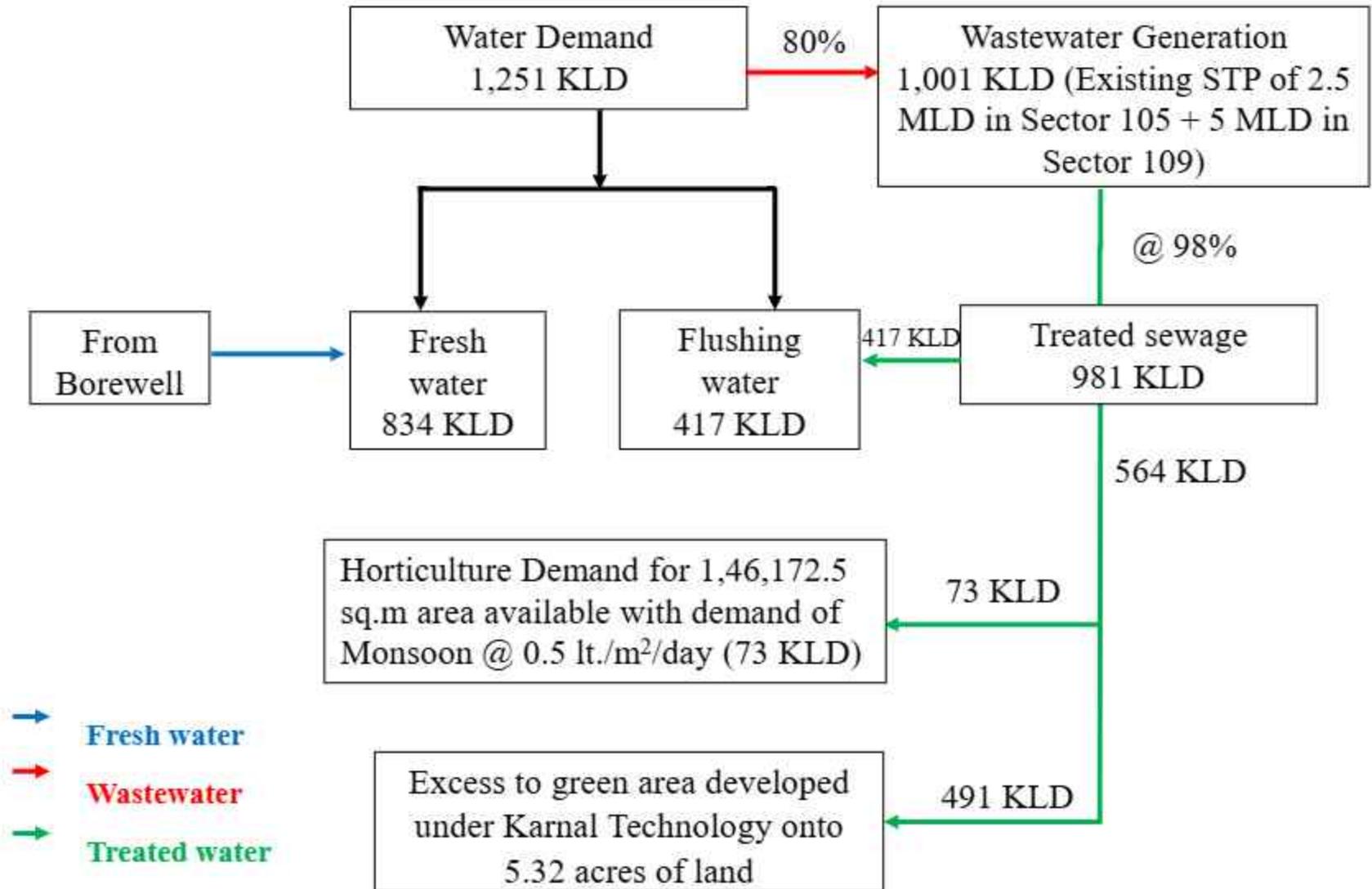


- Fresh water
- Wastewater
- Treated water

WATER BALANCE DIAGRAM FOR WINTER SEASON (CURRENT OCCUPANCY)

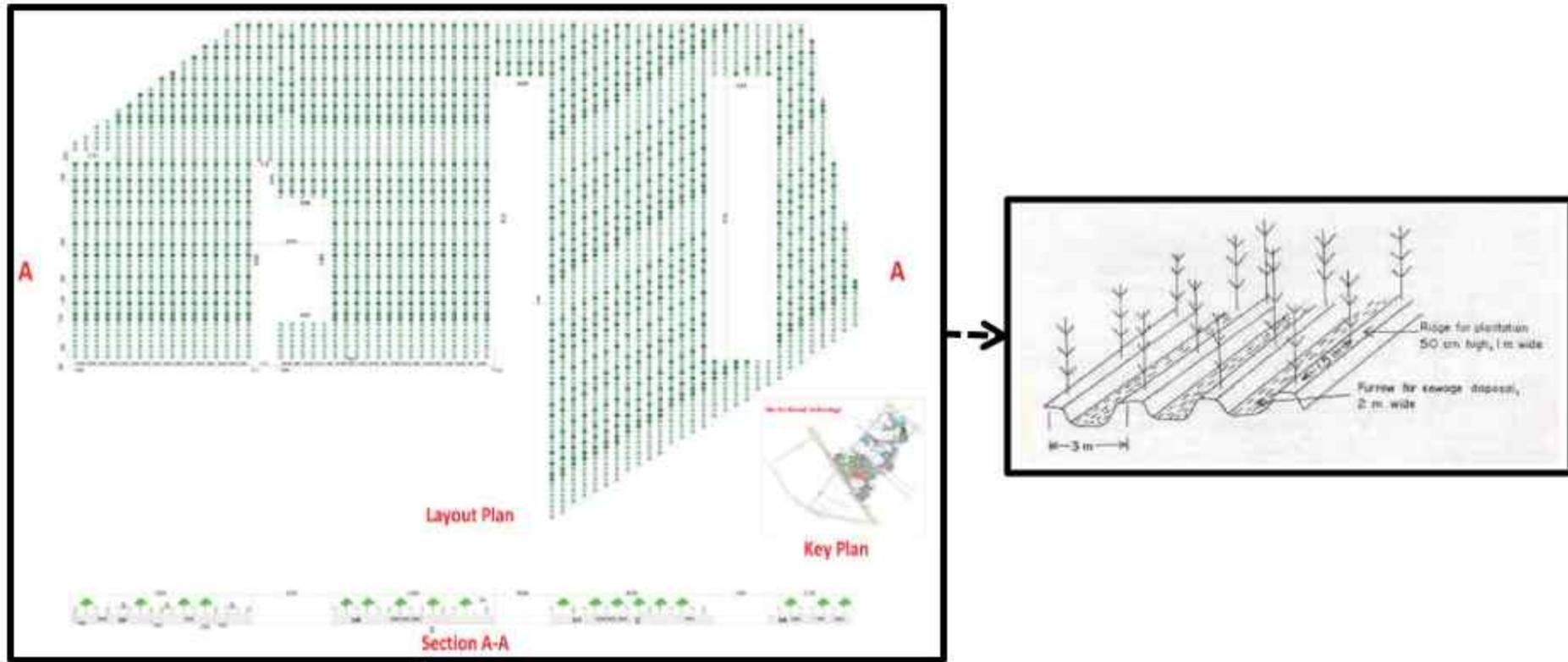


WATER BALANCE DIAGRAM FOR MONSOON SEASON (CURRENT OCCUPANCY)



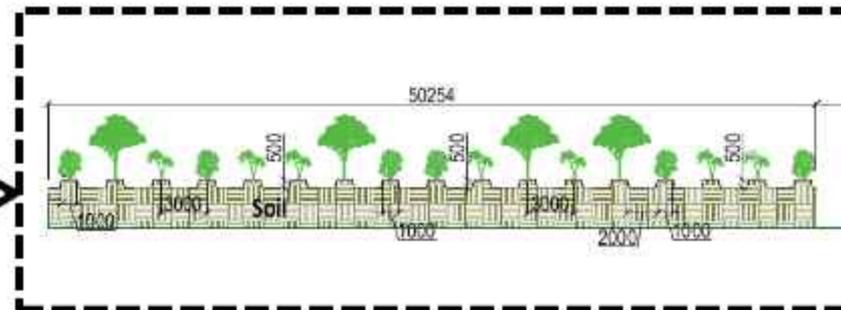
SECTION DRAWING FOR PRESENT AREA ALLOCATED FOR KARNAL TECHNOLOGY

Work for site preparation for Karnal Technology on 5.32 acres has been initiated and will be completed by June, 2024. Rs. 25 lakhs have been allocated for development of Karnal Technology on 5.32 acres.



300 no. of trees will be planted under Karnal Technology.

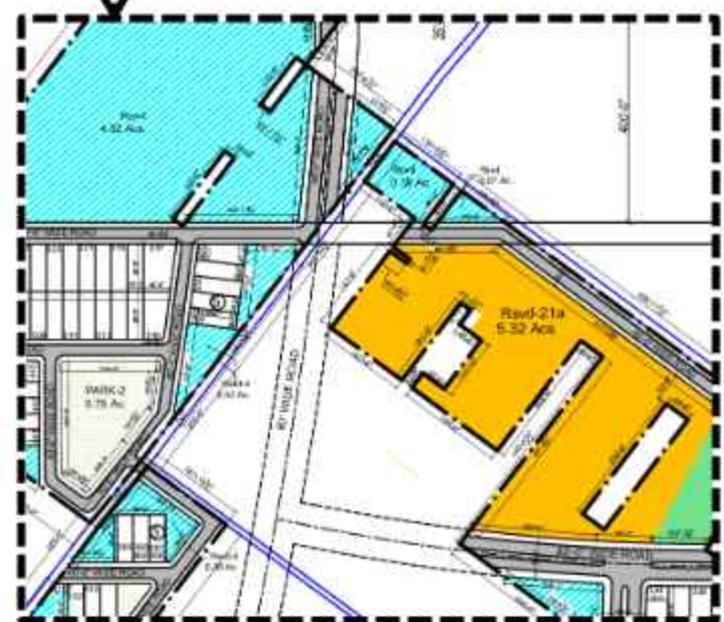
Species to be planted are:
Eucalyptus and Poplar



AREA UNDER KARNAL TECHNOLOGY FOR SECTORS 98, 99, 104, 105 & 106



-  AREA RESERVED FOR KARNAL TECHNOLOGY FOR PRESENT OCCUPANCY
-  AREA RESERVED FOR KARNAL TECHNOLOGY FOR FUTURE OCCUPANCY





Test Report

Page No. 1/2

Sample Number : VEL/PE/01

Name & Address of the Party : M/s Mohali Hills:
Sector-105, Mohali, (Punjab).

Name of Sample : WASTE WATER (STP Inlet)

Sample Group : Pollution & Environment

Location : STP Plant

Sample Collected By : VEL Representative (Mr. Priyanshu)

Environmental Condition : 25±2°C

Sampling and Analysis Protocol : IS, APHA & STP

Report No. : VEL/PE/2501210005

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 27/01/2025

Period of Analysis : 21/01/2025-27/01/2025

Receipt Date : 21/01/2025

Sampling Date : 15/01/2025

Sampling Quantity : 2.0 Ltrs.+250 ml

Sampling Type : Grab

S.No.	Test Parameters	Test Method	Result	Unit
Discipline : Chemical				
1	pH at 25°C	IS 3025 (P-11):2022 (Using Electrode)	6.66	--
2	Total Suspended Solids at 105°C	IS 3025 (P-17) :2022 (Gravimetric Method)	251.26	mg/L
3	Oil & Grease	IS:3025 :P-39:2021(Gravimetric Method)	12.26	mg/L
4	Biochemical Oxygen Demand (3 Days at 27°C)	IS 3025 (Part -44):2023	194.00	mg/L
5	COD at 150°C	APHA 24th Edition 2023 , 5220 B Open Reflux Method	561.00	mg/L
6	Electrical Conductivity	IS:3025:(P-45): 1993(Flame Photometer Method)	1094	µS/cm

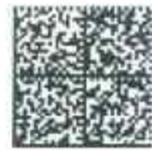
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Test Report

Page No. 2/2

Sample Number : VEL/PE/01

Report No. : VEL/PE/2501210005

S.No.	Test Parameters	Test Method	Result	Unit
Discipline : Biological				
7	Total Coliform	IS 1622 : 1981	920	MPN/100ml
8	E-Coli	IS 1622 : 1981	350	MPN/100ml

BDL-Below Detection Limit, DL-Detection Limit

End of Report

NITIN KUMAR
Sr. Microbiologist

Nitin
27/01/2025

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Test Report

Page No. 1/2

Sample Number : VEL/PE/02
Name & Address of the Party : M/s Mohali Hills,
Sector-105, Mohali, (Punjab).

Report No. : VEL/PE/2501210006
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025
Sampling Date : 15/01/2025
Sampling Quantity : 2.0 Ltrs.+250 ml
Sampling Type : Grab

Name of Sample : WASTE WATER (STP Outlet)
Sample Group : Pollution & Environment
Location : STP Plant
Sample Collected By : VEL Representative (Mr. Priyanshu)
Environmental Condition : 25±2°C
Parameter Required : As per work order
Analysis Protocol : IS, APHA & STP

S.No.	Test Parameters	Test Method	Result	Unit	Environment (Protection) Amendment Rules, 2017		
					Inland Surface Water	Public Sewers	Land for Irrigation
Discipline : Chemical							
1	pH (at 25°C)	IS:3025 (P-11):2022(Electrode Method)	7.62	--	6.5 - 9.0	6.5 - 9.0	6.5 - 9.0
2	Total Suspended Solids,max	IS: 3025 (P-17):2022(Gravimetric Method)	8.26	mg/L	<100	<100	<100
3	Oil & Grease	IS:3025 (P-39):2021(Gravimetric Method)	BLQ(LOQ-4.0)	mg/L	--	--	--
4	BOD (3 Days at 27°C),Max	IS:3025:Part-44: 2023	26.00	mg/L	30.0	30	30
5	COD at 150°C	APHA, 24th Edition 2023, 5220 B Open Reflux Method	53.00	mg/L	--	--	--
6	Electrical Conductivity	IS:3025(P-14):2013	965.0	µS/cm	--	--	--

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Test Report

Page No. 2/2

Sample Number : VEL/PE/02

Report No. : VEL/PE/2501210008

S.No.	Test Parameters	Test Method	Result	Unit	Environment (Protection) Amendment Rules, 2017		
					Inland Surface Water	Public Sewers	Land for Irrigation
Discipline : Biological							
7	Total Coliform	IS 1622	70	MPN/10 0 ml	--	--	--
8	E coli	IS 1622	50	MPN/10 0 ml	--	--	--

BLQ-Below Limit of Quantification, LOQ-Limit of Quantification.

End of Report

NITIN KUMAR
Senior Microbiologist

Nitin
27/01/2025

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Test Report

Page No. 1/2

Sample Number : VEL/WW/01
Name & Address of the Party : M/s Mohali The Views,
Sector-105,S.A.S Nagar,Mohali.(Punjab)

Report No. : VEL/PE/2501210001
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025
Sampling Date : 16/01/2025
Sampling Quantity : 2.0 Ltr. + 250 ml
Sampling Type : Garb

Name of Sample : WASTE WATER (STP Inlet)
Sample Group : Pollution & Environment
Location : STP Plant (2.5 MLD)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Environmental Condition : 25±2°C
Sampling and Analysis Protocol : IS,APHA & STP

S.No.	Test Parameters	Test Method	Result	Unit
Discipline : Chemical				
1	pH at 25°C	IS 3025 (P-11):2022 (Using Electrode)	6.94	--
2	Total Suspended Solids at 105°C	IS 3025 (P-17) :2022 (Gravimetric Method)	280.00	mg/L
3	Oil & Grease	IS:3025 :P-39:2021(Gravimetric Method)	13.26	mg/L
4	Biochemical Oxygen Demand (3 Days at 27°C)	IS 3025 (Part -44):2023	142.00	mg/L
5	COD at 150°C	APHA 24th Edition 2023 , 5220 B Open Reflux Method	560.00	mg/L
6	Electrical Conductivity	IS:3025:(P-45): 1993(Flame Photometer Method)	2256.0	µS/cm

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Test Report

Page No. 2/2

Sample Number : VEL/WW/01

Report No. : VEL/PE/2501210001

S.No.	Test Parameters	Test Method	Result	Unit
Discipline : Biological				
7	Total Coliform	IS 1622 :1981	900	MPN/100ml
8	E-Coli	IS 1622 :1981	500	MPN/100ml

End of Report

NITIN KUMAR
Sr. Microbiologist

Nitin
27/01/2025

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Test Report

Page No. 1/2

Sample Number : VEL/WW/02
Name & Address of the Party : M/s Mohali The Views,
Sector-105,S.A.S Nagar,Mohali,(Punjab)

Report No. : VEL/PE/2501210002
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025
Sampling Date : 16/01/2025
Sampling Quantity : 2.0 Ltr. + 250 ml
Sampling Type : Garb

Name of Sample : WASTE WATER (STP Outlet)
Sample Group : Pollution & Environment
Location : STP Plant (2.5 MLD)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Environmental Condition : 25±2°C
Parameter Required : As per work order
Analysis Protocol : IS,APHA & STP

S.No.	Test Parameters	Test Method	Result	Unit	Environment (Protection) Amendment Rules, 2017		
					Inland Surface Water	Public Sewers	Land for Irrigation
Discipline : Chemical							
1	pH (at 25°C)	IS:3025 (P-11):2022(Electrode Method)	7.84	--	6.5 - 9.0	6.5 - 9.0	6.5 - 9.0
2	Total Suspended Solids,max	IS: 3025 (P-17):2022(Gravimetric Method)	62.30	mg/L	<100	<100	<100
3	Oil & Grease	IS:3025 (P-39):2021(Gravimetric Method)	BLQ(LOQ-4.0)	mg/L	--	--	--
4	BOD (3 Days at 27°C),Max	IS:3025:Part-44: 2023	26.00	mg/L	30.0	30	30
5	COD at 150°C	APHA, 24th Edition 2023, 5220 B Open Reflux Method	161.00	mg/L	--	--	--
6	Electrical Conductivity	IS:3025(P-14):2013	963.00	µS/cm	--	--	--

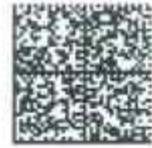
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Test Report

Sample Number : VEL/WW/02

Report No. : VEL/PE/2501210002

S.No.	Test Parameters	Test Method	Result	Unit	Environment (Protection) Amendment Rules, 2017		
					Inland Surface Water	Public Sewers	Land for Irrigation
Discipline : Biological							
7	Total Coliform	IS 1622	80	MPN/100ml	--	--	--
8	E coli	IS 1622	50	MPN/100ml	--	--	--

BLQ-Below Limit of Quantification, LOQ-Limit of Quantification.

End of Report

NITIN KUMAR
Sr. Microbiologist

Nitin
27/01/2025

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Test Report

Page No. 1/1

Sample Number : VEL/AP/04
Name & Address of the Party : M/s Mohali Hills.
Sector-105, Mohali, (Punjab).

Report No. : VEL/AP/2501210034
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT NOISE
Sample Group : Atmospheric Pollution

General Information
Sampling Location : Park-1
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/INS/SLM/01
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/01/2025 To 16/01/2025
Time of Monitoring : 11:05 AM to 11:05 AM
Ambient Temperature (°C) : Min.08°C, Max.23°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS-9989 RA:2020
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	IS:9989 RA:2020	51.62	40.02	dB (A)

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

Note-*A "decibel" is a unit in which noise is measured.

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Test Report

Sample Number : VEL/AP/05
Name & Address of the Party : M/s Mohali Hills
Sector-105, Mohali, (Punjab).

Report No. : VEL/AP/2501210035
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT NOISE
Sample Group : Atmospheric Pollution

General Information
Sampling Location : Park-B
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/INS/SLM02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/01/2025 To 16/01/2025
Time of Monitoring : 11:45 AM to 11:45 AM
Ambient Temperature (°C) : Min.08°C, Max.23°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS:9989 RA:2020
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	IS:9989 RA:2020	52.06	41.36	dB (A)

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

Note- *A "decibel" is a unit in which noise is measured.

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Test Report

Sample Number : VEL/AP/02
Name & Address of the Party : M/s Emaar Habitat Club House Mohali Hills
Sector-105,Mohali,Punjab,India,(160062)

Report No. : VEL/AP/2501210022
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 25/01/2025
Period of Analysis : 21/01/2025-25/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT NOISE
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Back Side
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/INS/SLM/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025 To 19/01/2025
Time of Monitoring : 09:48 PM To 09:48 PM
Ambient Temperature (°C) : Min.08°C, Max.22°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS:9989 RA:2020
Sampling Duration : 24.0 Hours.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	IS:9989 RA:2020	51.62	40.58	dB (A)

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.

Note-*A "decibel" is a unit in which noise is measured.

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Test Report

Sample Number : VEL/AP/02
Name & Address of the Party : M/s Mohali The Views,
Sector-105,S.A.S Nagar,Mohali.(Punjab)

Report No. : VEL/AP/2501210028
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT NOISE
Sample Group : Atmospheric Pollution

General Information
Sampling Location : Park Area
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/INS/SLM/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/01/2025 To 17/01/2025
Time of Monitoring : 01:00 PM To 01:00 PM
Ambient Temperature (°C) : Min.09°C, Max.24°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS-9989 RA:2020
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	IS:9989 RA:2020	51.26	43.26	dB (A)

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

Note-"A "decibel" is a unit in which noise is measured.

End of Report

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Test Report

Page No. 1/1

Sample Number : VEL/AP/09
Name & Address of the Party : M/s Mohali Hills,
Sector-105, Mohali, (Punjab).

Report No. : VEL/AP/2501210039
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : DG Noise
Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set (500 KVA, sec-105)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/INS/SLM/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/01/2025
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS 4758
Sampling duration (Minutes) : 30.0
Parameter Required : As per work order

S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close the canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
Discipline : Chemical					
1	Leq	IS 4758	95.6	69.8	25.8
2	CPCB Limit in Leq dB (A)	--	--	75.00 (Max.)	25.00 (Min.)

End of Report

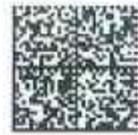
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Test Report

Sample Number : VEL/AP/10
Name & Address of the Party : M/s Mohali Hills,
Sector-105,Mohali,(Punjab)

Report No. : VEL/AP/2501210040
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : DG Noise
Sample Group : Atmospheric Pollution

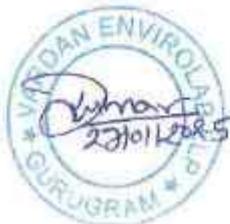
General Information

Sampling Location : DG Set (82.5 KVA,sec-108)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/INS/SLM/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/01/2025
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS 4758
Sampling duration (Minutes) : 30.0
Parameter Required : As per work order

S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close the canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
Discipline : Chemical					
1	Leq	IS 4758	96.8	70.7	26.1
2	CPCB Limit in Leq dB (A)	--	--	75.00 (Max.)	25.00 (Min.)

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Test Report

Page No. 1/1

Sample Number : VEL/AP/05
Name & Address of the Party : M/s Emaar Habitat Club House Mohali Hills
Sector-105,Mohali,Punjab,India.(160062)

Report No. : VEL/AP/2501210025
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 25/01/2025
Period of Analysis : 21/01/2025-25/01/2025
Receipt Date : 21/01/2025

Name of Sample : DG Noise
Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set (380 KVA)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/INS/SLM/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS 4758
Sampling duration (Minutes) : 30.0
Parameter Required : As per work order

S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close the canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
Discipline : Chemical					
1	Leq	IS 4758	96.2	70.3	25.9
2	CPCB Limit in Leq dB (A)	--	--	75.00 (Max.)	25.00 (Min.)

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Test Report

Page No. 1/1

Sample Number : VEL/AP/04
Name & Address of the Party : M/s Mohali The Views,
Sector-105,S.A S Nagar,Mohali.(Punjab)

Report No. : VEL/AP/2501210030
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : DG Noise
Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set (380 KVA)
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/INS/SLM/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/01/2025
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS 4758
Sampling duration (Minutes) : 30.0
Parameter Required : As per work order

S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close the canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
Discipline : Chemical					
1	Leq	IS 4758	98.1	72.0	26.1
2	CPCB Limit in Leq dB (A)	--	--	75.00 (Max.)	25.00 (Min.)

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Hindustan Times, Chandigarh Edition, Feb 20, 2024

PUBLIC NOTICE

It is for the information of General Public that M/s Emaar India Ltd. has been granted Environmental Clearance by SEIAA, Punjab for Expansion of Integrated Township namely "Mohali Hills" located at Sectors 98, 99, 104, 105, 106, 108, 109 and 110, Dist. SAS Nagar (Mohali), Punjab vide EC Identification No. EC24B039PB137041 and File No. SEIAA/PB/MIS/2023/EC/38 dated 14.02.2024 through our Environmental Consultant "M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd., Mohali". Copy of Environmental Clearance is available with project proponent and may also be seen on Environmental Clearance portal (<https://parivesh.nic.in/>). The interested person can contact either of the two.

M/s Emaar India Ltd. CP-40, Central Plaza Sector-105, Mohali Hills Mohali -160062	M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207, Industrial Area, Phase VIII-B, Sector 74, Mohali, Punjab
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Ajit (Punjabi) Chandigarh Edition, Feb 20, 2024

ਜਨਤਕ ਨੋਟਿਸ

ਇਹ ਜਾਣਕਾਰੀ ਅਸੀਂ ਲੋਕਾਂ ਲਈ ਹੈ ਕਿ ਮੈਸਰਜ਼ ਈਮਾਰ ਇੰਡੀਆ ਲਿਮਿਟਿਡ (M/s Emaar India Ltd) ਨੂੰ ਸਾਡੇ ਵਾਤਾਵਰਣ ਸਲਾਹਕਾਰ "ਮੈਸਰਜ਼ ਈਕੋ ਪਰਿਆਵਰਨ ਲੈਬੋਰੇਟਰੀਜ਼ ਐਂਡ ਕੰਸਲਟੈਂਟਸ ਪ੍ਰਾਈਵੇਟ ਲਿਮਿਟਿਡ, ਮੋਹਾਲੀ" (M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd., Mohali) ਦੇ ਮਾਧਿਅਮ ਰਾਹੀਂ EC ਪਛਾਣ ਨੰਬਰ EC24B039PB137041 ਅਤੇ ਫਾਈਲ ਨੰਬਰ SEIAA/PB/MIS/2023/EC/38 ਮਿਤੀ 14.02.2024 ਦੁਆਰਾ ਜ਼ਿਲ੍ਹਾ ਐਸਏਐਸ ਨਗਰ (ਮੋਹਾਲੀ), ਪੰਜਾਬ ਦੇ ਸੈਕਟਰ 98, 99, 104, 105, 106, 108, 109 ਅਤੇ 110 ਵਿਖੇ ਸਥਿਤ "ਮੋਹਾਲੀ ਹਿਲਸ" ਨਾਮਕ ਇੰਟੀਗ੍ਰੇਟਿਡ ਟਾਊਨਸ਼ਿਪ ਦੇ ਵਿਸਤਾਰ ਲਈ SEIAA, ਪੰਜਾਬ ਦੁਆਰਾ ਵਾਤਾਵਰਣ ਕਲੀਅਰੈਂਸ ਦੇ ਦਿੱਤੀ ਗਈ ਹੈ। ਵਾਤਾਵਰਣ ਕਲੀਅਰੈਂਸ ਦੀ ਕਾਪੀ ਪ੍ਰੋਜੈਕਟ ਪ੍ਰਸਤਾਵਕ ਕੋਲ ਉਪਲਬਧ ਹੈ ਅਤੇ ਇਸਨੂੰ ਵਾਤਾਵਰਣ ਕਲੀਅਰੈਂਸ ਪੋਰਟਲ (<https://parivesh.nic.in/>) 'ਤੇ ਵੀ ਦੇਖਿਆ ਜਾ ਸਕਦਾ ਹੈ। ਚਾਹਵਾਨ ਵਿਅਕਤੀ ਦੋਵਾਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਨਾਲ ਸੰਪਰਕ ਕਰ ਸਕਦਾ ਹੈ।

ਮੈਸਰਜ਼ ਈਮਾਰ ਇੰਡੀਆ ਲਿਮਿਟਿਡ ਸੀਪੀ-40, ਸੈਂਟਰਲ ਪਲਾਜ਼ਾ ਸੈਕਟਰ-105, ਮੋਹਾਲੀ ਹਿਲਜ਼ ਮੋਹਾਲੀ-160062	ਮੈਸਰਜ਼ ਈਕੋ ਪਰਿਆਵਰਨ ਲੈਬੋਰੇਟਰੀਜ਼ ਐਂਡ ਕੰਸਲਟੈਂਟਸ ਪ੍ਰਾਈਵੇਟ ਲਿਮਿਟਿਡ ਈ-207, ਇੰਡਸਟਰੀਅਲ ਏਰੀਆ, ਫੇਜ਼ VIII-ਬ, ਸੈਕਟਰ 74, ਮੋਹਾਲੀ, ਪੰਜਾਬ
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Test Report

Page No. 1/1

Sample Number : VEL/AP/01
Name & Address of the Party : M/s Mohali Hills,
Sector-105, Mohali, (Punjab).

Report No. : VEL/AP/2501210031
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Park-1
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/04 & FPS/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/01/2025 To 16/01/2025
Time of Monitoring : 11:00 AM to 11:00 AM
Ambient Temperature (°C) : Min.08°C, Max.23°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23) : 2006 RA :2017	87.06	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24) :2019	51.62	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 6) :2006 RA:2022	28.36	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P- 2) : RA:2023	21.24	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.78	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO.

End of Report

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Test Report

Page No. 1/1

Sample Number : VEL/AP/02
Name & Address of the Party : M/s Mohali Hills,
Sector-105, Mohali, (Punjab).

Report No. : VEL/AP/2501210032
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 28/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Park-3
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/05 & FPS/05
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/01/2025 To 16/01/2025
Time of Monitoring : 11:15 AM to 11:15 AM
Ambient Temperature (°C) : Min.08°C, Max.23°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23) : 2006 RA :2017	82.03	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24) :2019	44.21	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 6) :2006 RA.2022	18.24	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P- 2) : RA:2023	14.26	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.81	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO.

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Test Report

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Sample Number : VEL/AP/03
Name & Address of the Party : M/s Mohali Hills,
Sector-105, Mohali, (Punjab).

Report No. : VEL/AP/2501210033
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 27/01/2025
Period of Analysis : 21/01/2025-27/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution

General Information
Sampling Location : Park-6
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/06 & FPS/06
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/01/2025 To 16/01/2025
Time of Monitoring : 11:40 AM To 11:40 AM
Ambient Temperature (°C) : Min.08°C, Max.23°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23) : 2006 RA :2017	91.14	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24) :2019	52.16	µg/m ³	80
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 6) :2006 RA:2022	25.26	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P- 2) : RA:2023	17.62	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.86	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO.

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Test Report

Sample Number : VEL/AP/01
Name & Address of the Party : M/s Emaar Habitat Club House Mohali Hills
Sector-105,Mohali,Punjab,India.(160062)

Report No. : VEL/AP/2501210021
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 25/01/2025
Period of Analysis : 21/01/2025-25/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Back Side Area
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/04 & FPS/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025 To 19/01/2025
Time of Monitoring : 09:40 PM To 09:40 PM
Ambient Temperature (°C) : Min.08°C, Max.22°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS - 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

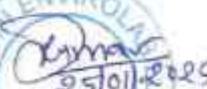
S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23) : 2006 RA :2017	88.26	µg/m ³	100
2	Particulate Matter (as PM -2.5)	IS:5182 (P- 24) :2019	47.21	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6) :2006 RA:2022	25.26	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : RA:2023	18.24	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.84	mg/m ³	4.0
6	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ-0.1)	µg/m ³	1.0

BLQ-Below Limit of Quantification, LOQ -Limit of Quantification

Note - # indicates 1 hour monitoring of CO.

End of Report

Reviewed By


25/01/2025


Authorized Signatory


25/01/2025


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Test Report

Page No. 1/1

Sample Number : VEL/AP/01
Name & Address of the Party : M/s Mohali The Views,
Sector-105,S.A.S Nagar,Mohali (Punjab)

Report No. : VEL/AP/2501210027
Format No : 7.8 F-03
Party Reference No : Nil
Reporting Date : 25/01/2025
Period of Analysis : 21/01/2025-25/01/2025
Receipt Date : 21/01/2025

Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution

General Information
Sampling Location : Park Area
Sample Collected By : VEL Representative (Mr. Priyanshu)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/04 & FPS/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/01/2025 To 17/01/2025
Time of Monitoring : 12:57 PM To 12:57 PM
Ambient Temperature (°C) : Min.09°C, Max.24°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23) : 2006 RA :2017	88.81	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24) :2019	46.59	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 6) :2006 RA:2022	32.26	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P- 2) : RA:2023	16.24	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.95	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO.

End of Report

Reviewed By



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