

Date: 15.05.2021

Dr. Vimal Kumar Hatwal
Joint Director
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 2021.

Ref.: Environment Clearance Letter No. DECC/SEIAA/2020/1512 dt.19.03.2020

Dear Sir,

With regards to the above-mentioned subject, we are hereby submitting soft copy of six-monthly report for the month of **June 2021** 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

SIX MONTHLY EC COMPLIANCE REPORTS JUNE 2021

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 MGF Land Ltd. (Proposal No. SIA/PB/NCP/25837 /2017).

Environment Clearance Letter No. DECC/SEIAA/2020/1512 dt.19.03.2020

STATUS OF ENVIRONMENT CLEARANCE

S.No	EC Conditions	Action Required
PART A- SPECIFIC CONDITION		
I. Statutory compliance:		
(i)	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	The same is being adhered. The site plan has been approved vide letter No. 8167/MPR-2 dated 15.12.2014. Copy of approved layout plan is enclosed as Annexure - I .
(ii)	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	The same is being adhered. A copy of Structural Stability Certificate is enclosed as Annexure II .
(iii)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	The same has already been obtained and enclosed as Annexure III .
(iv)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable
(v)	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.	The same has been obtained. Copy of recent CTE and CTO is enclosed as Annexure – IV-A and IV-B .

S.No	EC Conditions	Action Required
(vi)	The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the competent authority.	The same has been obtained and a copy of CGWA permission is enclosed as Annexure V .
(vii)	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	The same has been obtained and submitted with previous compliance report.
(viii)	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	The same has already been obtained and submitted to Regional Office, MOEF&CC with previous EC letter.
(ix)	The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.	The same is being adhered. Organic Waste Composter of capacity 500 Kg (OWC) is already installed and presently working at the site for treatment of biodegradable waste. Picture of the same is enclosed as Annexure VI .
(x)	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	The same is being adhered.
(xi)	The project site shall confirm to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Dept of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.	The approved layout plan is enclosed as Annexure I .
(xii)	Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such	Noted.

S.No	EC Conditions	Action Required
	type of projects.	
(xiii)	The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.	The approved layout plan is already enclosed as Annexure I .
II Air Quality Monitoring and Preservation		
i)	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	The same is being adhered. Presently very less construction activity is going at site due to the pandemic situation.
ii)	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	The same is being adhered.
iii)	The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g., PM ₁₀ and PM _{2.5}) covering upwind and downwind directions during the construction period.	Regular monitoring of Ambient Air Quality is being carried out. Report of the same is enclosed as Annexure VII .
iv)	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low Sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	The height of the Diesel Power generating sets are as per CPCB norms. Use of low Sulphur diesel is done. The location of these DG Sets is as per approved Layout Plan.
v)	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall	The same is being adhered. There are duly taken measures to prevent air pollution and presently the construction work is going on plots by individual owners mostly.

S.No	EC Conditions	Action Required
	include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	
vi)	No Excavation of soil shall be carried out without adequate dust mitigation measures in place.	The same is being adhered.
vii)	No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered.	The same is being adhered.
viii)	No uncovered vehicles carrying construction material and waste shall be permitted	The same is being adhered.
ix)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	The same is being adhered.
x)	Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.	The same is being adhered.
xi)	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	The same is being adhered.
xii)	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.	The same is being adhered.
xiii)	The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	The same is being adhered. DG Stack emission and Noise level report is enclosed as Annexure VIII & Annexure IX , respectively.

S.No	EC Conditions	Action Required
xiv)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	The same is being adhered.
xv)	For indoor air quality the ventilation provisions as per National Building Code of India.	The same is being adhered.
xvi)	Roads leading to or at construction site must be paved and blacktopped (i.e., metallic road)	The same is being adhered. Photographs enclosed as Annexure – X .
xvii)	Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.	The same is being adhered.
xviii)	Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site.	The same is being adhered.
III. Water Quality Monitoring and Preservation		
(i)	The natural drain system should be maintained for ensuring unrestricted flow of water.	The same is being adhered.
(ii)	No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.	The same is being adhered.
(iii)	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	The same is being adhered.
(iv)	The total water requirement for the project will be 13744 KL/day, which shall be met through groundwater & treated wastewater. Total freshwater use shall not exceed 10584 KL/day the proposed requirement as	The same will be adhered.

S.No	EC Conditions	Action Required																				
	provided in the project details.																					
(v)	<p>a) The total wastewater generation from the project will be 11374 KL/day, which will be treated in existing STP's of capacity @ 100+100+10 KLD and additional STP of capacity @ 3.7 MLD and 7.6 MLD to be installed within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as under: -</p> <table><tr><th>S. No.</th><th>Season</th><th>For Flushing purposes (KLD)</th><th>Green Area (KLD)</th><th>Into GMADA sewer (KLD)</th></tr><tr><td>1.</td><td>Summer</td><td>3160</td><td>955</td><td>6661</td></tr><tr><td>2.</td><td>Winter</td><td>3160</td><td>312</td><td>7303</td></tr><tr><td>3.</td><td>Rainy</td><td>3160</td><td>87</td><td>7900</td></tr></table> <p>b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.</p> <p>c) During construction phase, the project proponent shall ensure that the wastewater being generated from the labor quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately design septic tanks for the treatment of such wastewater and treated effluents shall be utilized for green area/plantation</p>	S. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	Into GMADA sewer (KLD)	1.	Summer	3160	955	6661	2.	Winter	3160	312	7303	3.	Rainy	3160	87	7900	The same will be adhered. The STP of 5 MLD, 2.5 MLD and 100 KLD plants has been already installed. Photographs enclosed as Annexure XI .
S. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	Into GMADA sewer (KLD)																		
1.	Summer	3160	955	6661																		
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3.	Rainy	3160	87	7900																		
(vi)	The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.	The same is being adhered. Water quality report is enclosed as Annexure XII .																				
(vii)	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly	The same will be adhered.																				

S.No	EC Conditions	Action Required
	Monitoring reports.	
(viii)	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Source of water for ground water for which necessary permission has been obtained from Central Ground Water Authority and enclosed as Annexure V .
(ix)	At least 20% of the open spaces as required by the local building byelaws 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. Photographs is enclosed as Annexure – X .
(x)	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking, and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done	The same has been done from Group Housing project. Recycled treated water is used for flushing and landscaping.
(xi)	The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the component i.e. (Tower/Mall) or in a common place in the project premises.	The same is being adhered.
(xii)	The project proponent shall also adopt the new/innovating technologies like less water discharging taps (faucet with aerators)/urinals with electronic sensor system /water less urinals / twin flush cisterns/ sensor based alarming system for overhead water	Water saving technology in taps, faucets, etc. is being used.

S.No	EC Conditions	Action Required																								
	storage tanks and make it a part of the environmental management plans / building plans so as to reduce the water consumption/ground water abstraction in their Building Construction & Industrial projects.																									
(xiii)	<p>The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and color coding of different pipelines carrying water/wastewater from different sources / treated wastewater as follows:</p> <table border="1"> <thead> <tr> <th>Sr.No</th><th>Nature of the Stream</th><th>Color Code</th></tr> </thead> <tbody> <tr> <td>a)</td><td>Fresh Water</td><td>Blue Color</td></tr> <tr> <td>b)</td><td>Untreated wastewater from Toilets/ urinal & from Kitchen</td><td>Black Color</td></tr> <tr> <td>c)</td><td>Untreated wastewater from Bathing / Shower area, hand washing (Washbasin / sinks) and from Cloth Washing</td><td>Grey Color</td></tr> <tr> <td>d)</td><td>Reject water streams from RO plants & AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/ establishment this proposal may also be implemented wherever possible.</td><td>White color</td></tr> <tr> <td>e)</td><td>Treated wastewater (for reuse only for plantation purposes) from the STP treating black water</td><td>Green</td></tr> <tr> <td>f)</td><td>Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water</td><td>Green with strips</td></tr> <tr> <td>g)</td><td>Storm Water</td><td>Orange Color</td></tr> </tbody> </table>	Sr.No	Nature of the Stream	Color Code	a)	Fresh Water	Blue Color	b)	Untreated wastewater from Toilets/ urinal & from Kitchen	Black Color	c)	Untreated wastewater from Bathing / Shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey Color	d)	Reject water streams from RO plants & AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/ establishment this proposal may also be implemented wherever possible.	White color	e)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green	f)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water	Green with strips	g)	Storm Water	Orange Color	The same is being adhered. Color code for the pipes is in progress.
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(xiv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Pre-mixed concrete has been used during construction.																								
(xv)	The CGWA provisions on rainwater harvesting should be followed. Rainwater harvesting recharge pits/structure (158 Nos RWH structures) /storage tanks shall be	The same is being adhered. The present photographs of rainwater harvesting pits is enclosed as Annexure XIII .																								

S.No	EC Conditions	Action Required
	provided for ground water recharging as per the CGWB norms.	
(xvi)	A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	The same is being adhered. Presently, 24 numbers of recharge structures with 36 number boreholes have been constructed on site. Construction for 10 more is in progress.
(xvii)	All recharges should be limited to shallow aquifer.	The same is being adhered.
(xviii)	No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and available at site.	The same is being adhered. Tankers/treated water for STP are used for construction purpose.
(xix)	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Noted. 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 along with six monthly Monitoring reports.	The same will be adhered and submitted to Regional Office, MoEF&CC along with six monthly Monitoring reports due in June 2021.
(xxi)	Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in phased manner viz a viz in module system designed in a such a way so as to efficiently treat the wastewater with increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/re-used for flushing, AC	All the STPs have Ultraviolet as an integral part of the treatment system.

S.No	EC Conditions	Action Required
	make up water and gardening. No treated water shall be disposed into municipal stormwater drain.	
(xxii)	No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Noted. 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 odor problem from STP.	The same will be adhered. STP analysis report is enclosed as Annexure – XIV .
(xxiv)	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed, and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	The same will be adhered.
IV. Noise Monitoring and Prevention		
(i)	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform	Noise monitoring report is enclosed as Annexure XV .

S.No	EC Conditions	Action Required
	to the stipulated standards by CPCB/SPCB.	
(ii)	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	The same has been submitted duly as a part of six-monthly compliance report.
(iii)	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	The same is being adhered.
V. Energy Conservation Measures		
(i)	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Noted. The same is being adhered.
(ii)	Outdoor and common area lighting shall be LED.	The same is being 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. day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	The same will be adhered.
(iv)	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	The same is being 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	The same will be adhered.

S.No	EC Conditions	Action Required
	state level/ local building byelaws requirement, whichever is higher.	
(vi)	Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	The same will be adhered.
VI. Waste Management		
(i)	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	The biodegradable waste at site is being handled as per provisions of MSW Rules, 2016. Biodegradable waste is composted on-site and only inert is sent to landfill site.
(ii)	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Noted and agreed.
(iii)	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	The same is being adhered.
(iv)	Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed for treatment and disposal of the waste.	The composter has been already installed and the photograph is enclosed as Annexure VI .
(v)	All non-biodegradable waste shall be handed over to authorized recyclers	The same is being adhered.

S.No	EC Conditions	Action Required
	for which a written tie up must be done with the authorized recyclers.	
(vi)	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	The same is being adhered.
(vii)	Use of environment friendly materials in bricks, blocks, and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	The same is being adhered.
(viii)	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended as on 27th August 2003 and 25th January 2016. Ready mixed concrete must be used in building construction.	The same has been done.
(ix)	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	The same has been done.
(x)	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	The same has been done.
VII. Green Cover		
(i)	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	The same has been adhered.
(ii)	At least single line plantation all	Noted. The same is being adhered.

S.No	EC Conditions	Action Required
	<p>around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. 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 provided as per SEIAA guidelines.</p>	
(iii)	<p>Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e., planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.</p>	Noted.
(iv)	<p>Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.</p>	The same has been adhered.
(v)	<p>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.</p>	The same has been adhered.
(vi)	<p>The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for</p>	The same is being adhered.

S.No	EC Conditions	Action Required
	residential land use.	
VIII. Transport		
(i)	<p>A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <p>a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.</p> <p>b) Traffic calming measures.</p> <p>c) Proper design of entry and exit points.</p> <p>d) Parking norms as per local regulation.</p>	Same will be adhered
(ii)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	The same is being 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 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have	The same will be adhered when occupancy of township increases.

S.No	EC Conditions	Action Required
	their consent to the implementation of components of the plan which involve the participation of these departments.	
(iv)	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized, and no public space should be utilized.	The same is being adhered.
IX. Human Health Issues		
i)	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	The same is being adhered.
(ii)	For indoor air quality the ventilation provisions as per National Building Code of India.	The same is being adhered.
(iii)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HJRA) and Disaster Management Plan shall be implemented.	The same is being adhered.
(iv)	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The same is being adhered.
(v)	Occupational health surveillance of the workers shall be done on a regular basis.	The same is being adhered.
(vi)	A First Aid Room shall be provided in the project both during construction and operations of the project.	The same is being adhered.
X. Corporate Environment Responsibility		

S.No	EC Conditions				Action Required																																													
i)	<p>The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 4.81Crores towards following CER activities. The details are given below: -</p> <table><tr><th>S</th><th>Activities</th><th>Annual Expenditure</th><th>Time-line</th><th>Total expenditure in 7 years</th></tr><tr><td>1</td><td colspan="4">Adoption of Village Raipur Kalan</td></tr><tr><td></td><td>• Constructing Public Health services i.e. water supply network, trunk sewer, street light,</td><td>Rs.43 lakhs</td><td>7 years</td><td>Rs. 3.01 Cr</td></tr><tr><td></td><td>• Adoption of Village Pond & its maintenance</td><td>Rs.20 lakhs</td><td>7 years</td><td>Rs. 1.4 Cr</td></tr><tr><td>2</td><td>Installation of water coolers in common areas for general public in</td><td>Rs. 1.5 lakhs</td><td>7 years</td><td>Rs. 10.5 lakhs</td></tr><tr><td>3</td><td>Woolen Clothes & Blanket distribution & food</td><td>Rs. 1.00 lakh</td><td>7 years</td><td>Rs. 7 lakhs</td></tr><tr><td>4</td><td>Adoption of Govt. Primary School in Village Moujpur in terms of its</td><td>Rs. 2.5 lakhs</td><td>7 years</td><td>Rs. 17.5 lakhs</td></tr><tr><td>5</td><td>Tree plantation drive on World Environment Day-</td><td>Rs. 1.00 lakh</td><td>5 years</td><td>Rs. 5 lakhs</td></tr><tr><td></td><td>Total amount to be spent on CER</td><td>Rs. 69 lakhs</td><td></td><td>Rs. 4.81 crores</td></tr></table>				S	Activities	Annual Expenditure	Time-line	Total expenditure in 7 years	1	Adoption of Village Raipur Kalan					• Constructing Public Health services i.e. water supply network, trunk sewer, street light,	Rs.43 lakhs	7 years	Rs. 3.01 Cr		• Adoption of Village Pond & its maintenance	Rs.20 lakhs	7 years	Rs. 1.4 Cr	2	Installation of water coolers in common areas for general public in	Rs. 1.5 lakhs	7 years	Rs. 10.5 lakhs	3	Woolen Clothes & Blanket distribution & food	Rs. 1.00 lakh	7 years	Rs. 7 lakhs	4	Adoption of Govt. Primary School in Village Moujpur in terms of its	Rs. 2.5 lakhs	7 years	Rs. 17.5 lakhs	5	Tree plantation drive on World Environment Day-	Rs. 1.00 lakh	5 years	Rs. 5 lakhs		Total amount to be spent on CER	Rs. 69 lakhs		Rs. 4.81 crores	The same is being adhered. We have spent Rs. 69.0 lac till now. The construction and CSR activities have slowed down due to existing pandemic situation in the country.
S	Activities	Annual Expenditure	Time-line	Total expenditure in 7 years																																														
1	Adoption of Village Raipur Kalan																																																	
	• Constructing Public Health services i.e. water supply network, trunk sewer, street light,	Rs.43 lakhs	7 years	Rs. 3.01 Cr																																														
	• Adoption of Village Pond & its maintenance	Rs.20 lakhs	7 years	Rs. 1.4 Cr																																														
2	Installation of water coolers in common areas for general public in	Rs. 1.5 lakhs	7 years	Rs. 10.5 lakhs																																														
3	Woolen Clothes & Blanket distribution & food	Rs. 1.00 lakh	7 years	Rs. 7 lakhs																																														
4	Adoption of Govt. Primary School in Village Moujpur in terms of its	Rs. 2.5 lakhs	7 years	Rs. 17.5 lakhs																																														
5	Tree plantation drive on World Environment Day-	Rs. 1.00 lakh	5 years	Rs. 5 lakhs																																														
	Total amount to be spent on CER	Rs. 69 lakhs		Rs. 4.81 crores																																														
ii)	<p>The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks</p>				The same is being adhered.																																													

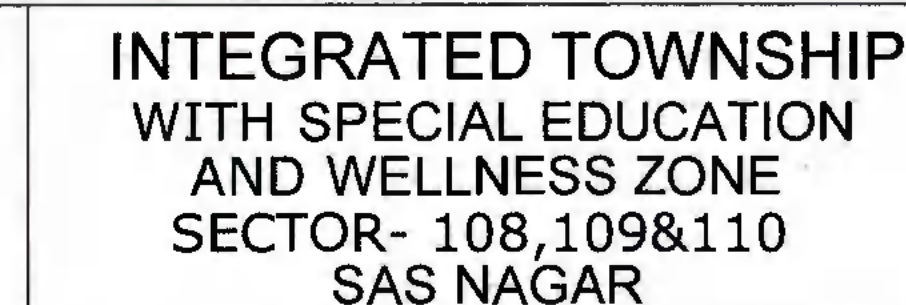
S.No	EC Conditions	Action Required
	and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest /wildlife norms /conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	
iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	The same is being adhered.

iv)	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 not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs 964 Lacs towards capital cost and Rs 44.7 Lacs/annum towards recurring cost in Construction phase of the project including the environmental monitoring cost and shall spend minimum amount of Rs 23 Lacs/annum towards recurring cost in operation phase of the project including the environmental monitoring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/resident's society under proper MOU under intimation to SEIAA, Punjab. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	The same is being adhered.
XI. Validity		
i)	This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.	Noted. Fresh environmental clearance has been obtained dated 19.03.2020.
XII. Miscellaneous		
i)	The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.	Same will be adhered
ii)	The project proponent shall comply with the conditions of CLU, if obtained.	Same will be adhered

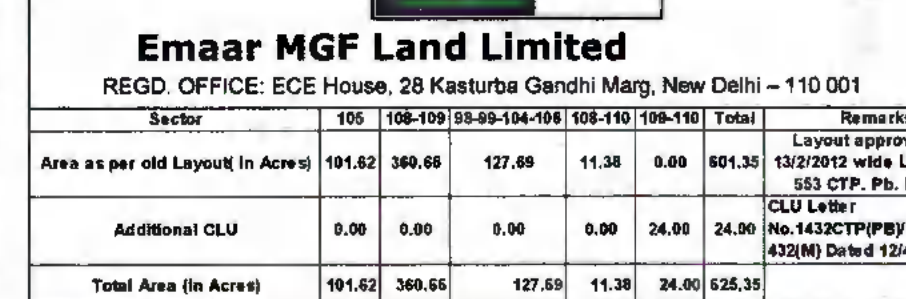
iii)	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	The same has been adhered. Copy of advertisement is enclosed as Annexure XVI .
iv)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	The same is being adhered.
v)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	The same has been uploaded on the website.
vi)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forests and Climate Change at environment clearance portal.	The same is being adhered.
vii)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	The same is being adhered.

viii)	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	
ix)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted. The same is being adhered.
x)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and agreed.
xi)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted
xii)	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
xiii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
xiv)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted

xv)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Noted
xvi)	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.	The same is being adhered.
xvii)	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.



PROMOTERS



27	27	1	-	0.44
TOTAL RESD. AREA (IN ACRES)				4.20
RESIDENTIAL AREA (IN ACRES)		No. OF PLOTS	808	57.00

37	63	1	-	0.06
TOTAL RESD. AREA (IN ACRES)				10.86
RESIDENTIAL		No. OF		

GROUP HOUSING (IN ACRES)	3.84
TOTAL SALEABLE AREA (IN ACRES)	111.5










TOTAL SALEABLE AREA (IN ACRES)	20.17
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Total Area of Scheme (In Acres)	625.35	
Reserved Area (In Acres)	43.89	
Area under Commercial & Mixed Land Use (In Acres)	49.12	
Area of the Scheme After the Deduction of EWS	594.08	
Area Under EWS (In Acres)	31.27	5.00%
Net Planned Area (In Acres)	501.07	
Area Under Residential Plotted (In Acres)	224.11	44.73%
Area Under Residential G. Housing (In Acres)	17.92	3.58%
Total Residential Area (In Acres)	242.03	48.30%
Area Under Commercial (In Acres)	7.01	1.40%
Area Under Parks (In Acres)	42.83	7.21%
Area Under Facilities (In Acres)	43.20	7.27%
Area Under Roads (In Acres)	166.00	27.94%

S. NO.	SECTOR NO.	SCHEME AREA IN ACRES	NO. OF PLOTS	POPULATION UNDER PLOTS @15 PERSONS PER PLOT	AREA UNDER GROUP HOUSING & ENVS IN ACRES	POPULATION UNDER GROUP HOUSING @300 & ENVS @ 400 PERSONS PER ACRE	AREA UNDER COMMERCIAL USE IN ACRES	AREA UNDER INSTITUTIONAL USE IN ACRES	TOTAL AREA UNDER COMM. & INST. USE IN ACRES	POPULATION UNDER COMM. & INSTITUTIONAL USE @100 PERSONS PER ACRE	TOTAL POPULATION	
1	98	79.73	178	2670	0.00	0	0.83	9.81	10.64	0	2670	
2	99	17.29	115	1725	2.42	968	0.00	5.11	5.11	0	2693	
3	104	21.14	169	2535	1.11	444	0.00	0.00	0.00	0	2979	
4	105	101.62	461	6915	14.08	4224	6.18	2.25	8.43	0	11139	
5	106	9.53	77	1155	0.00	0	0.00	0.00	0.00	0	1155	
6	108	151.32	808	12120	0.00	0	1.78	6.29	8.07	0	12120	
7	109	223.18	1375	20625	11.44	4176	0.00	13.06	13.06	0	24805	
8	110	21.54	0	0	20.17	8068	0.00	2.27	2.27	0	8068	
		625.35	ACRES								65629	PERSONS
		TOTAL DENSITY ACHIEVED=				65809 / 625.35	=	104.9476	PERSONS PER ACRE			

LEGEND


- | | |
|---|--|
|  | RESERVED AREA
(TO BE PLANNED LATER) |
|  | OTHER'S LAND |
|  | COMMERCIAL AREA |
|  | PUBLIC/INSTT. |
|  | SCHEME BOUNDARY |
|  | VILLAGE RASTA |
|  | AREA DEDUCTED UNDER ROAD |
|  | AREA PARTIALLY OWNED & BALANCE UNDER GOVT. ACQUISITION |
|  | AREA FULLY UNDER GOVT. ACQUISITION |


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A CORROBORATION IN WRITING FROM EMAAR MGF LAND LTD.

PROMOTERS	ARCHITECT	COMP. AUTHORITY
19	INDER SINGH	

AR. MANJIND
CA 2801/2745/
8283624660

PROJECT	MOHALI HILLS	N
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TITLE					
DEMARCATION CUM REVISED LAYOUT PLAN					
SCALE	DATE	DRAWN	CHECKED	APPROVED	

1' = 160' - 0"	15 Nov. 2014		
DRG. NO.	EM-MP/SUB/MH/1.01B		REV. MK. 

INTEGRATED TOWNSHIP
WITH SPECIAL EDUCATION
AND WELLNESS ZONE
SECTOR- 98,99,104,105&106
SAS NAGAR

PROMOTERS



Emaar MGF Land Limited
REGD. OFFICE: E-10, Phase-1, Sector-10, New Delhi - 110 001

Sl. No.	Area (in Acres)	Area (in Hectares)	Area (in Sq. Meters)	Remarks
1	100.00	100.00	1000000.00	Area of the Township
2	100.00	100.00	1000000.00	Area of the Township
3	100.00	100.00	1000000.00	Area of the Township
4	100.00	100.00	1000000.00	Area of the Township
5	100.00	100.00	1000000.00	Area of the Township
6	100.00	100.00	1000000.00	Area of the Township
7	100.00	100.00	1000000.00	Area of the Township
8	100.00	100.00	1000000.00	Area of the Township
9	100.00	100.00	1000000.00	Area of the Township
10	100.00	100.00	1000000.00	Area of the Township
11	100.00	100.00	1000000.00	Area of the Township
12	100.00	100.00	1000000.00	Area of the Township
13	100.00	100.00	1000000.00	Area of the Township
14	100.00	100.00	1000000.00	Area of the Township
15	100.00	100.00	1000000.00	Area of the Township
16	100.00	100.00	1000000.00	Area of the Township
17	100.00	100.00	1000000.00	Area of the Township
18	100.00	100.00	1000000.00	Area of the Township
19	100.00	100.00	1000000.00	Area of the Township
20	100.00	100.00	1000000.00	Area of the Township
21	100.00	100.00	1000000.00	Area of the Township
22	100.00	100.00	1000000.00	Area of the Township
23	100.00	100.00	1000000.00	Area of the Township
24	100.00	100.00	1000000.00	Area of the Township
25	100.00	100.00	1000000.00	Area of the Township
26	100.00	100.00	1000000.00	Area of the Township
27	100.00	100.00	1000000.00	Area of the Township
28	100.00	100.00	1000000.00	Area of the Township
29	100.00	100.00	1000000.00	Area of the Township
30	100.00	100.00	1000000.00	Area of the Township
31	100.00	100.00	1000000.00	Area of the Township
32	100.00	100.00	1000000.00	Area of the Township
33	100.00	100.00	1000000.00	Area of the Township
34	100.00	100.00	1000000.00	Area of the Township
35	100.00	100.00	1000000.00	Area of the Township
36	100.00	100.00	1000000.00	Area of the Township
37	100.00	100.00	1000000.00	Area of the Township
38	100.00	100.00	1000000.00	Area of the Township
39	100.00	100.00	1000000.00	Area of the Township
40	100.00	100.00	1000000.00	Area of the Township
41	100.00	100.00	1000000.00	Area of the Township
42	100.00	100.00	1000000.00	Area of the Township
43	100.00	100.00	1000000.00	Area of the Township
44	100.00	100.00	1000000.00	Area of the Township
45	100.00	100.00	1000000.00	Area of the Township
46	100.00	100.00	1000000.00	Area of the Township
47	100.00	100.00	1000000.00	Area of the Township
48	100.00	100.00	1000000.00	Area of the Township
49	100.00	100.00	1000000.00	Area of the Township
50	100.00	100.00	1000000.00	Area of the Township
51	100.00	100.00	1000000.00	Area of the Township

SECTOR 98

RESERVED AREAS

S.NO.	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.31
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	-	0.62
11	11	1	-	1.04
12	12	1	-	0.71
13	13	1	-	0.13
14	14	1	-	0.17
15	15	1	-	0.19
16	16	1	-	0.40
17	17	1	-	0.13
18	18	1	-	0.68
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	-	1.63
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	-	0.20
33	32	1	-	0.95
34	33	1	-	0.46
35	33a	1	-	0.13
36	34	1	-	0.60
37	35	1	-	0.50
38	36	1	-	1.39
39	37	1	-	0.12
40	38	1	-	0.42
41	39	1	-	0.36
42	40	1	-	0.65
43	41	1	-	0.36
44	42	1	-	0.38
45	43	1	-	0.10
46	44	1	-	0.12
47	45	1	-	0.05
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)				22.52
RESIDENTIAL AREA (IN ACRES)				178
No. OF PLOTS				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)
1	1a	1	-	0.12
2	2	1	-	0.26
3	3	1	-	0.37
TOTAL RESD. AREA (IN ACRES)				0.75
RESIDENTIAL AREA (IN ACRES)				115
No. OF PLOTS				5.15
EWS (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 AREA (IN ACRES)				169
No. OF PLOTS				9.02
EWS (IN ACRES)				1.11
TOTAL SALEABLE AREA (IN ACRES)				10.13

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	8	1	-	0.14
9	9	1	-	0.49
10	10	1	-	0.17
11	11	1	-	0.24
12	12	1	-	0.11
13	13	1	-	0.62
14	14	1	-	0.23
15	15	1	-	0.08
16	16	1	-	0.42
17	17	1	-	0.26
18	18	1	-	0.06
19	19	1	-	0.31
20	20	1	-	0.32
TOTAL RESD. AREA (IN ACRES)				4.59
RESIDENTIAL AREA (IN ACRES)				461
No. OF PLOTS				34.68
COMMERCIAL (IN ACRES)				6.18
GROUP HOUSING (IN ACRES)				14.08
TOTAL SALEABLE AREA (IN ACRES)				54.94

SECTOR 106

RESERVED AREAS

S.NO.	POCKET NOS.	QTY	SIZE	AREA (IN ACRES)
1	1	1	-	0.03
2	2	1	-	0.03
3	3	1	-	0.63
TOTAL RESD. AREA (IN ACRES)				0.69
RESIDENTIAL AREA (IN ACRES)				77
No. OF PLOTS				5.27
TOTAL SALEABLE AREA (IN ACRES)				5.27

Total Area of Scheme (In Acres)		625.35
Reserved Area (In Acres)		43.89
Area Under Commercial & Mixed Land Use (In Acres)		49.12
Area of the Scheme After the Deduction of EWS		581.46
Area Under EWS (In Acres)		31.27
Net Planned Area (In Acres)		550.19
Area Under Residential Plotted (In Acres)		254.11
Area Under Residential G. Housing (In Acres)		17.82
Total Residential Area (In Acres)		271.93
Area Under Commercial (In Acres)		44.30%
Area Under Parks (In Acres)		7.01
Area Under Facilities (In Acres)		42.83
Area Under Roads (In Acres)		7.21%
Area Under Others (In Acres)		168.00
Total Area (In Acres)		27.94%

LEGEND

RESERVED AREA (TO BE PLANNED LATER)	OTHER'S LAND
COMMERCIAL AREA	PUBLIC/INSTT.
SCHEME BOUNDARY	VILLAGE RASTA
AREA DEDUCTED UNDER ROAD	AREA PARTIALLY OWNED & BALANCE UNDER GOVT. ACQUISITION
AREA FULLY UNDER GOVT. ACQUISITION	

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PROMOTERS: ARCHITECT: COMP. AUTHORITY:

PROJECT: MOHALI HILLS

TITLE: DEMARCATION CUM REVISED LAYOUT PLAN

SCALE: 1" = 160'-0" DATE: 09 Nov. 2014 DRAWN: CHECKED: APPROVED:

DRG. NO.: EM-MP/SUB/MH/1.01A REV. NO.: 01

SECTOR-97

SECTOR-99

SECTOR-98

SECTOR-106

SECTOR-104

SECTOR-105

SECTOR 104

SECTOR 108

(NOTE:-
Plots / Sites under Govt Acquisition
Shall not be developed & sold till Ownership
is transferred in Name of Company

APPROVED
Vide Letter No. 8167/MPR-2
Date: 15-12-2014
Chief Town Planner
Punjab, Chandigarh

S.NO.	SECTOR NO.	SCHEME AREA (IN ACRES)	MIXED LAND USE (IN ACRES)	COMMERCIAL AREA (IN ACRES)	RESERVED AREA (IN ACRES)	NET PLANNED AREA (IN ACRES)	AREA UNDER EWS (IN ACRES)	AREA UNDER COMMERCIAL (IN ACRES)	AREA UNDER RESIDENTIAL (IN ACRES)	AREA UNDER PARKS (IN ACRES)	AREA UNDER FACILITIES (IN ACRES)	AREA UNDER ROADS (IN ACRES)	AREA UNDER OTHERS (IN ACRES)	TOTAL AREA (IN ACRES)	POPULATION	POPULATION DENSITY (PERSONS/ACRE)
1	98	79.73	0.00	0.00	0.00	79.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.73	10000	125.41
2	99	17.29	0.00	0.00	0.00	17.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.29	10000	578.48
3	104	21.14	0.00	0.00	0.00	21.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.14	10000	473.03
4	105	6.83	0.00	0.00	0.00	6.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.83	10000	146.41
5	106	101.82	0.00	0.00	0.00	101.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.82	10000	982.01
6	108	151.32	0.00	0.00	0.00	151.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.32	10000	663.55
7	109	223.18	0.00	0.00	0.00	223.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223.18	10000	448.05
8	110	21.54	0.00	0.00	0.00	21.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54	10000	463.78
9	111	10.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10000	1000.00

S. NO.	SECTOR NO.	SCHEME AREA IN ACRES	NO. OF PLOTS	POPULATION UNDER PLOTS @ 15 PERSONS PER PLOT	POPULATION UNDER GROUP HOUSING & EWS IN PLOTS	POPULATION UNDER GROUP HOUSING @ 300 & EWS @ 400	POPULATION UNDER COMMERCIAL USE IN ACRES	AREA UNDER COMMERCIAL USE IN ACRES	AREA UNDER INSTITUTIONAL USE IN ACRES	TOTAL AREA UNDER COMM. & INSTITUTIONAL USE IN ACRES	POPULATION UNDER COMM. & INSTITUTIONAL USE @ 100 PERSONS PER ACRE	TOTAL POPULATION	
1	98	79.73	178	2670	0.00	0	0.83	9.81	10.64	0	0	2670	
2	99	17.29	115	1725	2.42	968	0.00	5.11	5.11	0	0	2693	
3	104	21.34	169	2335	1.11	444	0.00	0.00	0.00	0	0	2879	
4	105	101.62	661	6915	14.08	4224	6.18	2.25	8.43	0	0	11139	
5	106	9.53	77	1155	0.00	0	0.30	0.00	0.00	0	0	1155	
6	108	151.32	808	12120	0.00	0	1.78	6.29	8.07	0	0	12120	
7	109	233.38	1375	20625	11.44	4176	0.00	13.06	13.06	0	0	24805	
8	110	21.54	0	0	20.17	8006	0.00	2.27	2.27	0	0	8006	
		635.35	ACRES			65805	625.35	=	104.9476	PERSONS PER ACRE	66649		PERSONS
		TOTAL DENSITY ACRE-HECT				65805	625.35	=	104.9476	PERSONS PER ACRE			



CERTIFICATE

Structural Stability Certificate for **"Proposed Commercial Project "Central Plaza" at sector 105, Mohali, Punjab for Emaar Mgf Land Development Ltd."**

Certified that the structural design of building of the above mentioned project, based on Architectural drawings prepared by **Ar. Manjinder Singh, New Delhi** conform to the requirements of relevant Indian Standard Codes and National Building Codes in respect of 'Structural Safety' in general and Natural Hazards including earthquake in particular as per Seismic Zone-IV.

The roof slab of extended basement (near ground level) external to the building has been designed to take the fire tender load of 45 tonnes.

Authorised Signatory
Lokesh Kumar Tyagi
(Structural Consultants)

LOKESH KUMAR TYAGI
M.Tech (Structures)
A-517051/7
10/14, Subhash Nagar
New Delhi-110027



An ISO-9001-2008 Company
Regd. No. U74200 DL2008PLC184617

CERTIFICATE

Structural Stability Certificate for "Tower L&F of THE VIEWS at Mohali Hills, sector 105, Mohali, Punjab of Emaar MGF Land Limited," sector 105, Mohali, Punjab of Emaar MGF Land Limited (PUNJAB)" has been designed by us and the building is safe and stable as per test results and conforms to latest version of IS code namely:- IS:456:2000, SP:1893 (Part-I)-2002, IS:13920-1993, IS:4326, NBC of India etc;) including earthquake resistant and ductile behavior.

This building has been supervised by the undersigned & has been constructed as per the structural drawing/ Design. The roof slab of extended basement (near ground level) external to the building has been designed to take the fire tender load of 45 tonnes.


Authorized Signatory
Lokesh Kumar Tyagi
(Structural Consultants)

LOKESH KUMAR TYAGI
M.Tech (Structures)
A-517051/7
10/14, Subhash Nagar
New Delhi-110027

JAS-ANZ



LKT Engineering Consultants Limited

63/12A, 11nd Floor, Main Rama Road, Opp. Kirti Ngr Metro Stn., New Delhi- 110015, India
Tel: +91 11 45565818, Fax: +91 11 45585814, www.lktengineering.com



Registered Office: 10/49, Subhash nagar, New Delhi-110027, India



CERTIFICATE

Structural Stability Certificate for "**Proposed Tower-F of THE VIEWS at Mohali Hills, sector 105, Mohali, Punjab of Emaar MGF Land Limited.**"

Certified that the structural design of building of the above mentioned project, based on Architectural drawings prepared by **M/s Arcop Associates Pvt Ltd, E-105, GF, Greater Kailash Enclave-1 New Delhi-110048** conform to the requirements of relevant Indian Standard Codes and National Building Codes in respect of 'Structural Safety' in general and Natural Hazards including earthquake in particular as per Seismic Zone-IV.

The roof slab of extended basement (near ground level) external to the building has been designed to take the fire tender load of 45 tonnes.

LOKESH KUMAR TYGI
M.Tech (Structures)
MCD License No. SE-47
10/49 Subhash Nagar
New Delhi-110027

Authorised Signatory
Lokesh Kumar Tyagi
(Structural Consultants)



CERTIFICATE

Structural Stability Certificate for **"Proposed Tower-B of THE VIEWS at Mohali Hills, sector 105, Mohali, Punjab of Emaar MGF Land Limited."**

Certified that the structural design of building of the above mentioned project, based on Architectural drawings prepared by **M/s Arcop Associates Pvt Ltd, E-106, GF, Greater Kailash Enclave-1 New Delhi-110048** conform to the requirements of relevant Indian Standard Codes and National Building Codes in respect of 'Structural Safety' in general and Natural Hazards including earthquake in particular as per Seismic Zone-IV.

The roof slab of extended basement (near ground level) external to the building has been designed to take the fire tender load of 45 tonnes.

LOKESH KUMAR TYGI
M.Tech (Structures)
MCD License No. SE-47
10/49 Subhash Nagar
New Delhi-110027

Authorised Signatory
Lokesh Kumar Tyagi
(Structural Consultants)

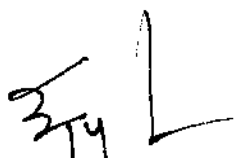


CERTIFICATE

Structural Stability Certificate for **"Proposed Tower-L of THE VIEWS at Mohali Hills, sector 105, Mohali, Punjab of Emaar MGF Land Limited."**

Certified that the structural design of building of the above mentioned project, based on Architectural drawings prepared by **M/s Arcop Associates Pvt Ltd, E-105, GF, Greater Kailash Enclave-1 New Delhi-110048** conform to the requirements of relevant Indian Standard Codes and National Building Codes in respect of 'Structural Safety' in general and Natural Hazards including earthquake in particular as per Seismic Zone-IV.

The roof slab of extended basement (near ground level) external to the building has been designed to take the fire tender load of 45 tonnes.


LOKESH KUMAR TYGI
M.Tech (Structures)
MCD License No. SE-47
10/49 Subhash Nagar
New Delhi-110027

Authorised Signatory
Lokesh Kumar Tyagi
(Structural Consultants)

भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
उत्तर क्षेत्रीय कार्यालय

ANNEXURE - FOREST
CLEARANCE

वेज़ नम्बर 24-25

दक्षिण मार्ग, सेक्टर 31 ए

चण्डीगढ़-160030

मिसिल संख्या -: 9PBB410/2015-CHA

दिनांक : बुधवार, 18 मई 2016

सेवा में,

प्रधान सचिव (वन),

पंजाब सरकार, लघु सचिवालय,

सेक्टर-9, चण्डीगढ़।

विषय:- Diversion of 0.000099 ha (instead of 0.010 hectare) of forest land in favour of M/s EMAAR MGF Land Ltd. for construction of approach road to Integrated Township Special Education and Wellness Zone sector-108, S.A.S. Nagar Vill. Raipur Kalan & Saneta on Kharar-Banur-Tepla road b/w KM 11-12 L/s under Forest Division and District S.A.S. Nagar, Punjab

महोदय,

आपका ध्यान उपर्युक्त विषय से सम्बन्धित स्पेशल सचिव, पंजाब सरकार, वन एवं वन्य जीव संरक्षक विभाग के पत्र संख्या FCA/1980/81/2015/4098 dated 08.09.2015 व मुख्य वन संरक्षक (एफ०सी०) व नोडल ऑफिसर (एफ.सी.ए.) पत्र संख्या FCA/1980/81/2015/5609 दिनांक 11.05.2016, जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है।

2. राज्य सरकार के प्रस्ताव का ध्यानपूर्वक अध्ययन करने के पश्चात् उपर्युक्त उद्देश्य हेतु 0.000099 हैक्टेयर वन भूमि के उपयोग के लिए स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- प्रस्ताव के अनुसार कोई भी वृक्ष या पौधा नहीं काटा जायेगा।
- प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Gidderpur PF, Tehsil-Kharar, District SAS Nagar में प्रयोक्ता एजेंसी से प्राप्त 458/- रुपये (चार सौ अठ्ठावन केवल) की राशि से 0.001 हैक्टेयर वन क्षेत्र में 20 पौधे लगाकर किया जायेगा।
- प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिये नहीं किया जायेगा।
- जब कभी भी NPV की राशि बढ़ाई जायेगी तो उस बड़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी।

कृ०पृ०उ०

- vii. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
 - viii. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
 - ix. केन्द्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
 - x. वन भूमि पर किसी भी प्रकार का कोई श्रमिक शिविर नहीं लगाया जायेगा।
 - xi. प्रयोक्ता एजेंसी द्वारा वांछित भूमि संरक्षण पैमाने उपयोग किये जायेंगे, जिसके लिए प्रयोक्ता एजेंसी द्वारा वर्तमान दरों पर धनराशि उपलब्ध करायी जायेगी।
 - xii. प्रयोक्ता एजेंसी द्वारा श्रमिकों तथा कार्यस्थल पर कार्यरत स्टाफ को अधिमानतः वैकल्पिक इंधन उपलब्ध करायेगी, ताकि साथ लगते वन क्षेत्र को किसी प्रकार के नुकसान तथा दबाव से बचाया जा सके।
 - xiii. प्रयोक्ता एजेंसी राज्य के मुख्य वन्य जीव संरक्षक द्वारा तैयार की गयी योजना के अनुसार उस क्षेत्र के वनस्पति और प्राणी समूह के संरक्षण तथा परिरक्षण में राज्य सरकार की सहायता करेगी।
 - xiv. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
 - xv. स्थानांतरित वन भूमि की सीमायें प्रयोक्ता एजेंसी के खर्च पर 4 फीट ऊँचे सीमेंट के खम्बों द्वारा चिह्नित की जाएगी। प्रत्येक खम्बे पर क्रम संख्या, डी०जी०पी०एस०निर्देशांक तथा एक खम्बे से दूसरे खम्बे की दूरी आगे तथा पीछे लिखी जायेगी।
 - xvi. कूड़ा कर्कट निपटान वन विभाग द्वारा जारी योजना के अनुसार किया जायेगा।
 - xvii. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय-समय पर लगाई जा सकती है।
 - xviii. प्रयोक्ता एजेंसी उपरोक्त शर्तों की वार्षिक स्व-अनुपालना रिपोर्ट राज्य सरकार तथा इस क्षेत्रीय कार्यालय को नियमित रूप से भेजेगी।
 - xix. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेवारी होगी।
3. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

प्रवक्षीय
रघु मिश्र
(हर्ष मित्र) 19.5.16

अ०प्र०मु०वन संरक्षक (केन्द्रीय)

प्रतिलिपि:-

1. अपर वन महानिदेशक (वन), पर्यावरण वन एवं जलवायु परिवर्तन, मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली।
2. प्रधान मुख्य वन संरक्षक, पंजाब, फोरेस्ट कॉम्पलैक्स, सै०-68, एस० ए० एस० नगर, मोहाली, पंजाब।
3. वन मण्डल अधिकारी, वन मण्डल और जिला एसएस नगर। पंजाब,
4. मै० ईएमएमएएआर एमजीएफ, लैंड लि०, क्षेत्रीय कार्यालय एससीओ न० 120-122 (एफएफ) सेक्टर 17-चंडीगढ़।

भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
उत्तर क्षेत्रीय कार्यालय

बेज़ नम्बर 24-25
दक्षिण मार्ग, सेक्टर 31 ए
चण्डीगढ़-160030

मिसिल संख्या -: 9PBB409/2015-CHA

दिनांक : मंगलवार, 17 मई 2016

सेवा में,

प्रधान सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।

विषय:- Diversion of 0.0006 ha (instead of 0.010 hectare) of forest land in favour of M/s EMAAR MGF Land Ltd. for construction of approach road to integrated township special education and Wellness Zone sector-106, Vill. Raipur Kalan on Kharar-Banur-Tepla road b/w KM 10-11 R/s under Forest Division and District S.A.S. Nagar, Punjab

महोदय,

आपका ध्यान उपर्युक्त विषय से सम्बन्धित स्पेशल सचिव, पंजाब सरकार, वन एवं वन्य जीव संरक्षक विभाग के पत्र संख्या FCA/1980/80/2015/4099 dated 08.09.2015 व मुख्य वन संरक्षक (एफ०सी०) व नोडल ऑफिसर (एफ.सी.ए.) पत्र संख्या FCA/1980/80/2015/5612 दिनांक 11.05.2016, जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है।

2. राज्य सरकार के प्रस्ताव का ध्यानपूर्वक अध्ययन करने के पश्चात् उपर्युक्त उद्देश्य हेतु 0.0006 हेक्टेयर वन भूमि के उपयोग के लिए स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- i. वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- ii. प्रस्ताव के अनुसार कोई भी वृक्ष या पौधा नहीं काटा जायेगा।
- iii. प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Gidderpur PF, Tehsil-Kharar, District SAS Nagar में प्रयोक्ता एजेंसी से प्राप्त 917/- रुपये (नौ सौ सत्रह केवल) की राशि से 0.002 हेक्टेयर वन क्षेत्र में 20 पौधे लगाकर किया जायेगा।
- iv. प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- v. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिये नहीं किया जायेगा।
- vi. जब कभी भी NPV की राशी बढ़ाई जायेगी तो उस बढ़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी।

कृ०पृ०उ०

- vii. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
- viii. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
- ix. केन्द्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
- x. वन भूमि पर किसी भी प्रकार का कोई श्रमिक शिविर नहीं लगाया जायेगा।
- xi. प्रयोक्ता एजेंसी द्वारा वांछित भूमि संरक्षण पैमाने उपयोग किये जायेंगे, जिसके लिए प्रयोक्ता एजेंसी द्वारा वर्तमान दरों पर धनराशि उपलब्ध करायी जायेगी।
- xii. प्रयोक्ता एजेंसी द्वारा श्रमिकों तथा कार्यस्थल पर कार्यरत स्टाफ को अधिमानतः वैकल्पिक इंधन उपलब्ध करायेगी, ताकि साथ लगते वन क्षेत्र को किसी प्रकार के नुकसान तथा दबाव से बचाया जा सके।
- xiii. प्रयोक्ता एजेंसी राज्य के मुख्य वन्य जीव संरक्षक द्वारा तैयार की गयी योजना के अनुसार उस क्षेत्र के वनस्पति और प्राणी समूह के संरक्षण तथा परिरक्षण में राज्य सरकार की सहायता करेगी।
- xiv. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
- xv. स्थानांतरित वन भूमि की सीमायें प्रयोक्ता एजेंसी के खर्च पर 4 फीट ऊँचे सीमेंट के खम्बों द्वारा चिह्नित की जाएगी। प्रत्येक खम्बे पर क्रम संख्या, डी०जी०पी०एस०निर्देशांक तथा एक खम्बे से दूसरे खम्बे की दूरी आगे तथा पीछे लिखी जायेगी।
- xvi. कूड़ा कर्कट निपटान वन विभाग द्वारा जारी योजना के अनुसार किया जायेगा।
- xvii. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय - समय पर लगाई जा सकती है।
- xviii. प्रयोक्ता एजेंसी उपरोक्त शर्तों की वार्षिक स्व-अनुपालना रिपोर्ट राज्य सरकार तथा इस क्षेत्रीय कार्यालय को नियमित रूप से भेजेगी।
- xix. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेवारी होगी।

3. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय
हरष मित्र
(हरष मित्र) 19.5.16

अ०प्र०मु०वन संरक्षक (केन्द्रीय)

प्रतिलिपि:-

1. अपर वन महानिदेशक (वन), पर्यावरण वन एवं जलवायु परिवर्तन, मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली।
2. प्रधान मुख्य वन संरक्षक, पंजाब, फोरेस्ट कॉम्प्लैक्स, सै०-68, एस० ए० एस० नगर, मोहाली, पंजाब।
3. वन मण्डल अधिकारी, वन मण्डल और जिला एसएस नगर। पंजाब,
4. मै० ईएमएमएआर एमजीएफ, लैंड लि०, क्षेत्रीय कार्यालय एससीओ न० 120-122 (एफएफ) सेक्टर 17-चंडीगढ़।

भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
उत्तर क्षेत्रीय कार्यालय

बेज़ नम्बर 24-25
दक्षिण मार्ग, सेक्टर 31 ए
चण्डीगढ़-160030

मिसिल संख्या :- 9PBB411/2015-CHA
सेवा में,

दिनांक : मंगलवार, 17 मई 2016

प्रधान सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।

विषय:- Diversion of 0.000486 ha (instead of 0.010 hectare) of forest land in favour of M/s EMAAR MGF Land Ltd. for construction of approach road to Integrated Township Special Education and Wellness Zone sector-104, Vill. Raipur Kalan Dholi & Sukhgarh on Kharar-Banur-Tepla road b/w KM 11-12 L/s under Forest Division and District S.A.S. Nagar, Punjab

महोदय,

आपका ध्यान उपर्युक्त विषय से सम्बन्धित स्पेशल सचिव, पंजाब सरकार, वन एवं वन्य जीव संरक्षक विभाग के पत्र संख्या FCA/1980/89/2015/4097 dated 08.09.2015 व मुख्य वन संरक्षक (एफ०सी०) व नोडल ऑफिसर (एफ.सी.ए.) पत्र संख्या FCA/1980/89/2015/5629 दिनांक 19.05.2016, जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है।

2. राज्य सरकार के प्रस्ताव का ध्यानपूर्वक अध्ययन करने के पश्चात् उपर्युक्त उद्देश्य हेतु 0.000486 हेक्टेयर वन भूमि के उपयोग के लिए स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- i. वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- ii. प्रस्ताव के अनुसार कोई भी वृक्ष या पौधा नहीं काटा जायेगा।
- iii. प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Gidderpur PF, Tehsil-Kharar, District SAS Nagar में प्रयोक्ता एजेंसी से प्राप्त 917/- रुपये (नौ सौ सत्रह केवल) की राशि से 0.002 हेक्टेयर वन क्षेत्र में 20 पौधे लगाकर किया जायेगा।
- iv. प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- v. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिये नहीं किया जायेगा।
- vi. जब कभी भी NPV की राशि बढ़ाई जायेगी तो उस बड़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी।

कृ०पृ०उ०

- vii. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
- viii. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
- ix. केन्द्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
- x. वन भूमि पर किसी भी प्रकार का कोई श्रमिक शिविर नहीं लगाया जायेगा।
- xi. प्रयोक्ता एजेंसी द्वारा वांछित भूमि संरक्षण पैमाने उपयोग किये जायेंगे, जिसके लिए प्रयोक्ता एजेंसी द्वारा वर्तमान दरों पर धनराशि उपलब्ध करायी जायेगी।
- xii. प्रयोक्ता एजेंसी द्वारा श्रमिकों तथा कार्यस्थल पर कार्यरत स्टाफ को अधिमानतः वैकल्पिक इंधन उपलब्ध करायेगी, ताकि साथ लगते वन क्षेत्र को किसी प्रकार के नुकसान तथा दबाव से बचाया जा सके।
- xiii. प्रयोक्ता एजेंसी राज्य के मुख्य वन्य जीव संरक्षक द्वारा तैयार की गयी योजना के अनुसार उस क्षेत्र के वनस्पति और प्राणी समूह के संरक्षण तथा परिरक्षण में राज्य सरकार की सहायता करेगी।
- xiv. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
- xv. स्थानांतरित वन भूमि की सीमायें प्रयोक्ता एजेंसी के खर्च पर 4 फीट ऊँचे सीमेंट के खम्बों द्वारा चिह्नित की जाएगी। प्रत्येक खम्बे पर क्रम संख्या, डी०जी०पी०एस०निर्देशांक तथा एक खम्बे से दूसरे खम्बे की दूरी आगे तथा पीछे लिखी जायेगी।
- xvi. कूड़ा कर्कट निपटान वन विभाग द्वारा जारी योजना के अनुसार किया जायेगा।
- xvii. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय - समय पर लगाई जा सकती है।
- xviii. प्रयोक्ता एजेंसी उपरोक्त शर्तों की वार्षिक स्व-अनुपालना रिपोर्ट राज्य सरकार तथा इस क्षेत्रीय कार्यालय को नियमित रूप से भेजेगी।
- xix. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेवारी होगी।

3. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय
(हर्ष मित्र) 19.5.16

अ० प्र० मु० वन संरक्षक (केन्द्रीय)

प्रतिलिपि:-

1. अपर वन महानिदेशक (वन), पर्यावरण वन एवं जलवायु परिवर्तन, मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली।
2. प्रधान मुख्य वन संरक्षक, पंजाब, फोरेस्ट कॉम्प्लैक्स, सै०-68, एस० ए० एस० नगर, मोहाली, पंजाब।
3. वन मण्डल अधिकारी, वन मण्डल और जिला एसएस नगर। पंजाब,
4. मै० ईएमएमएएआर एमजीएफ, लैंड लि०, क्षेत्रीय कार्यालय एससीओ न० 120-122 (एफएफ) सेक्टर 17-चंडीगढ़।



PUNJAB POLLUTION CONTROL BOARD
Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala
 Website:- www.ppcb.gov.in

Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: R13SAS333603		Application No : 12706561

To,
Shishir Lal
Emaar Mgf Land Limited Office No 40, Central Plaza Sector-105 Mohali-1660062
Mohali,Mohali-160062

Subject: Extension in validity of consent to establish (NOC) under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

1. Particulars of Consent to Establish (NOC) for Extension granted to the Industry

Certificate No.	CTE/Ext/SAS/2020/12706561
Date of issue :	07/09/2020
Date of expiry :	31/03/2021
Certificate Type :	Extension
Previous CTE/CTO No. & Validity :	CTE/Fresh/SAS/2018/6713864 From:26/03/2018 To:31/03/2020

2. Particulars of the Industry

Name & Designation of the Applicant	Shishir Lal, (Head, Sustainability Excellence Centre)
Address of Industrial premises	Integrated Township "mohali Hills" Being Developed By M/s Emaar Mgf Land Ltd, Sector-98, 99, 104, 106, 108, 109 & 110, Mohali,Sas Nagar-160017
Category of Industry	Red
Type of Industry	Building, Const. projects, Township & Area development covered under EIA notification dated 14/9/06
Scale of the Industry	Large
Office District	Sas Nagar

All the term and conditions same as mentioned in the original consent to establish (NOC) no. CTE/Fresh/SAS/2018/6713864 dated 26/3/2018, valid upto 31/03/2020 issued to the project proponent vide Board's letter no. 1678 dated 26/3/2018. This extension letter may be appended with the original consent to establish (NOC) letter issued to the project proponent with an additional condition as under:

1. The promoter company shall ensure the compliance of the Solid Waste Management Rules, 2016 and being the bulk waste generator shall ensure segregation of solid waste at source, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorized waste pickers or the authorized recyclers as prescribed in Solid Waste Management Rules, 2016. The bio-degradable waste shall be processed, treated and disposed of through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by the local body.
2. The promoter company shall submit the compliance for the installation of the mechanical composter by 31.12.2020.
3. The promoter Company shall apply for partial Consent to operate under Water Act 1974 & Air Act 1981 and Authorization (HWM) within 15 days submit a detailed compliance of the conditions of EC/ this NOC with the Consent application.



07/09/2020

(Rakesh Kumar)
Environmental Engineer

*For & on behalf
of*

(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar. He is requested to verify the same and to pay special attention towards compliance of CSR/CER activities as PP has submitted/ renewed BG amounting Rs.20 lacs as assurance for compliance. BG to be modified to the extent by adding compliance of CSR activities as mentioned at (X) under Statutory Compliances in the present EC.



07/09/2020

(Rakesh Kumar)
Environmental Engineer

*For & on behalf
of*

(Punjab Pollution Control Board)

"This is computer generated document from OCMMS by PPCB"

Integrated Township "Mohali Hills" Being Developed By M/s Emaar Mgf Land Ltd, Sector-98, 99, 104, 106, 108, 109 & 110, Mohali, Sas Nagar, 160017



ANNEXURE 4B - CTO

PUNJAB POLLUTION CONTROL BOARD
Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala
Website:- www.ppcb.gov.in

Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: R13SAS333603		Application No : 13633366

To,
Shishir Lal
Emaar Mgf Land Limited Office No 40, Central Plaza Sector-105 Mohali-1660062
Mohali,Mohali-160062

Subject: **Renewal of 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.**

With reference to your application for obtaining Renewal of 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry

Consent to Operate Certificate No.	CTOA/Renewal/SAS/2020/13633366
Date of issue :	27/10/2020
Date of expiry :	31/03/2021
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOA/Renewal/SAS/2019/7211486 From:28/01/2019 To:31/03/2020

2. Particulars of the Industry

Name & Designation of the Applicant	Shishir Lal, (Head, Sustainability Excellence Centre)
Address of Industrial premises	Integrated Township "mohali Hills" Being Developed By M/s Emaar Mgf Land Ltd, Sector-98, 99, 104, 106, 108, 109 & 110, Mohali,Sas Nagar-160017
Capital Investment of the Industry	210955.0 lakhs
Category of Industry	Red
Type of Industry	Building, Const. projects, Township & Area development covered under EIA notification dated 14/9/06
Scale of the Industry	Large
Office District	Sas Nagar
Consent Fee Details	Rs.1128000/- vide UTR no. HSBCE22020022809364864 dated 28.02.2020

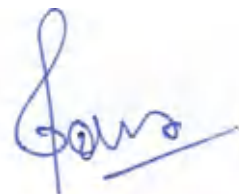
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Integrated Township "mohali Hills" Being Developed By M/s Emaar Mgf Land Ltd,Sector-98, 99, 104, 106, 108, 109 & 110,Mohali,Sas Nagar,160017

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Raw Materials (Name with Quantity per day)	<i>Residential project consisting of 644 Dwelling units (46 Dwelling units in Sector-99, 34 Dwelling Units in Secyor-104, 265 Dwelling Units in Sector-105, 144 Dwelling Units in Sector-108, 106 Dwelling units in Sector-109, 23 Dwelling Units in Sector-106 and 26 Shops in 105)</i>
Products (Name with Quantity per day)	<i>Residential project consisting of 644 Dwelling units (46 Dwelling units in Sector-99, 34 Dwelling Units in Secyor-104, 265 Dwelling Units in Sector-105, 144 Dwelling Units in Sector-108, 106 Dwelling units in Sector-109, 23 Dwelling Units in Sector-106 and 26 Shops in 105)</i>
By-products, if any, (Name with Quantity per day)	--
Details of the machinery and process	<i>As per application no.13633366</i>
Quantity of fuel required (in TPD) and capacity of boilers/ Furnace/Thermo heater etc.	<i>1. Two no DG Sets of 500 KVA each-- HSD as fuel @ 500 Lit/ day each --Canopy and adequate stack of 6 mt. above roof level each.</i> <i>2. One no DG Set of 250 KVA -- HSD as fuel @ 328 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>3. One no DG Set of 100 KVA -- HSD as fuel @ 144 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>4. One no DG Set of 82 KVA -- HSD as fuel @ 117 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>5. Two no DG Sets of 75 KVA each-- HSD as fuel @ 106 Lit/ day each --Canopy and adequate stack of 3 mt. above roof level each.</i>
Type of Air Pollution Control Devices to be installed	<i>1. Two no DG Sets of 500 KVA each-- HSD as fuel @ 500 Lit/ day each --Canopy and adequate stack of 6 mt. above roof level each.</i> <i>2. One no DG Set of 250 KVA -- HSD as fuel @ 328 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>3. One no DG Set of 100 KVA -- HSD as fuel @ 144 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>4. One no DG Set of 82 KVA -- HSD as fuel @ 117 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>5. Two no DG Sets of 75 KVA each-- HSD as fuel @ 106 Lit/ day each --Canopy and adequate stack of 3 mt. above roof level each.</i>
Stack height provided with each boiler/thermo heater/Furnace etc.	<i>1. Two no DG Sets of 500 KVA each-- HSD as fuel @ 500 Lit/ day each --Canopy and adequate stack of 6 mt. above roof level each.</i> <i>2. One no DG Set of 250 KVA -- HSD as fuel @ 328 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>3. One no DG Set of 100 KVA -- HSD as fuel @ 144 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>4. One no DG Set of 82 KVA -- HSD as fuel @ 117 Lit/ day --Canopy and adequate stack of 3 mt. above roof level.</i> <i>5. Two no DG Sets of 75 KVA each-- HSD as fuel @ 106 Lit/ day each --Canopy and adequate stack of 3 mt. above roof level each.</i>

Sources of emissions and type of pollutants	DG sets - SPM, SOx and NOx
Standards to be achieved under Air(Prevention & Control of Pollution) Act, 1981	As per emission standards prescribed by the PPCB/ MoEF&CC from time to time.



27/10/2020

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

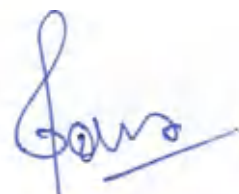
(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar.

27/10/2020

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

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Integrated Township "Mohali Hills" Being Developed By M/s Emaar Mgf Land Ltd, Sector-98, 99, 104, 106, 108, 109 & 110, Mohali, Sas Nagar, 160017

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TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Ltd. or for getting loan from the financial institutions.
2. The industry shall apply for renewal /extension of consent at least two months before expiry of the consent.
3. The industry shall not violate any of the norms prescribed under the Air (Prevention & Control of Pollution) Act, 1981, failing which, the consent shall be cancelled / revoked.
4. The achievement of adequacy and efficiency of the air pollution control devices installed shall be the entire responsibility of the industry
5. The authorized fuel being used shall not be changed without the prior written permission of the Board.
6. The industry shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height, as per the norms fixed by the Board from time to time.
7. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets.

Specifications of the port-holes shall be as under:-

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (D_e) shall be calculated from the following equation to determine upstream, downstream distance:-
$$D_e = 2 LW / (L+W)$$

Where L= length in mts. W= Width in mts.
 - ii) The sampling port shall be 7 to 10 cm in diameter
8. The industry shall put display Board indicating environmental data in the prescribed format at the main entrance gate.
 9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

(i) Stack height for boiler plants

S.NO.	Boiler with Steam Generating Capacity	Stack heights
1.	Less than 2 ton/hr.	9 meters or 2.5 times the height of neighboring building which ever is more
2.	More than 2 ton/hr. to 5 ton/hr.	12 meters
3.	More than 5 ton/hr. to 10 ton/hr	15 meters
4.	More than 10 ton/hr. to 15 ton/hr	18 meters
5.	More than 15 ton/hr. to 20 ton/hr	21 meters
6.	More than 20 ton/hr. to 25 ton/hr.	24 meters
7.	More than 25 ton/hr. to 30 ton/hr.	27 meters
8.	More than 30 ton/hr.	30 meters or using the formula $H = 14 Q_g^{0.3}$ or $H = 74 (Q_p)^{0.24}$ Where Q_g = Quantity of SO ₂ in Kg/hr. Q_p = Quantity of particulate matter in Ton/day.

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt.
100-150 KVA	-do-	+ 2.5 mt.
150-200 KVA	-do-	+ 3.0 mt.
200-250 KVA	-do-	+ 3.5 mt.
250-300 KVA	-do-	+ 3.5 mt.

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

10. The pollution control devices shall be interlocked with the manufacturing process of the industry to ensure its regular operation.
11. The existing pollution control equipment shall be altered or replaced in accordance with the directions of the Board, and no pollution control equipment or chimney shall be altered or as the case may be erected or re-erected except with the prior approval of the Board.
12. The industry will provide canopy and adequate stack with the D.G sets so as to comply with the provision of notification No GSR-371 E dated 17-5-2002(amended from time to time) issued by MOEF under Environment (Protection) Act, 1986.
13. The Govt. of Punjab, Department of Science, Technology & Environment vide its notification no.4/46/92-3ST/2839 dt. 29/12/1993 has put prohibition on the use of rice husk as fuel after 1.4.1995 except the following:-
In the form of briquettes and use of rice husk in fluidized bed combustion. So the industry shall make the necessary arrangement to comply with the above notification.
14. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year
15. That the industry shall submit a yearly certificate to the effect that no addition / up-gradation/ modification/ modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
16.
 - a) The industry shall ensure that at any time the emission do not exceed the prescribed emissions standards laid down by the Board from time to time for such type of industry /emissions.
 - b) The industry shall ensure that the emissions from each stack shall conform to the following emission standards laid down by the Board in respect of the Industrial Boilers.

Steam Generating capacity A.	Required particulate matter B.	
Area upto 5 Km from Other than 'A' class Other than the periphery of I and Class-II town		
Less than 2 ton/hr.	800 mg/NM3	1200 mg/NM3
2 ton to 10 ton/hr.	500 mg/NM3	1000 mg/NM3
Above 10 ton to 15 ton/hr	350 mg/NM3	500 mg/NM3
Above 15 ton/hr	150 mg/NM3	150 mg/NM3

All emissions normalized to 12% carbon dioxide.

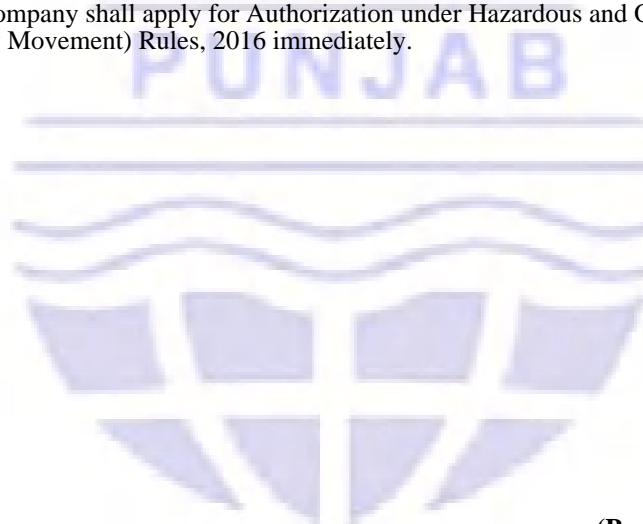
17. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, without any adverse effect on the environment, in any manner.
18. The air pollution control equipments shall be kept at all time in good running condition and;

- (i) All failures of control equipments.
 - (ii) The emissions of any air pollutant into the atmosphere in excess of the standards lay down by the Board occurring or being apprehended to occur due to accident or other unforeseen act or event. 'Shall be intimated through fax to the concerned Regional Office as well as to the Director of Factories, Punjab, Chandigarh as required under rule 10 of the Punjab State Board for the Prevention and Control of Air Pollution Rules, 1983'.
19. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
20. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.
21. The industry shall comply with the conditions imposed by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
22. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-
- (i) Once in Year for Small Scale Industries.
 - (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.
23. The industry shall maintain the following record to the satisfaction of the Board :-
- (i) Log books for running of air pollution control devices or pumps/motors used for it.
 - (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.
 - (iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.
24. The industry will install the separate energy meter for running pollution control devices and shall maintain record with respect to operation of air pollution control device so as to satisfy the Board regarding the regular operation of air pollution control device and monthly reading / record may be sent to the Board by the fifth of the following month.
25. The industry shall provide online monitoring system as applicable, for in stack emission and shall maintain the record of the same for inspection of the Board Officers.
26. The Board reserves the right to revoke the consent granted to the industry at any time, in case the industry is found violating the provisions of Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
27. The industry shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.
28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected to under this or any other Act.
29. Any amendments/revisions made by the Board/CPCB/MOEF in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
30. The industry shall dispose off its solid waste generated by the burning of fuel in an Environmentally Sound Manner within the premises/outside as approved by the Board, to avoid public nuisance and air pollution problem in the area.
31. The industry shall ensure that no air pollution problem or public nuisance is created in the area due to the discharge of emissions from the industry.
32. The industry shall provide adequate arrangement for fighting the accidental leakage/discharge of any air pollutant/gas/ liquids from the vessels, mechanical equipment's etc, which are likely to cause environmental pollution.
33. The industry shall not change or alter the manufacturing process(es) and fuel so as to change the quality/quantity of emissions generated without the prior permission of the Board.
34. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
35. The industry shall obtain and submit Insurance cover under the Public Liability Insurance Act, 1991.
36. The industry shall provide proper and adequate air pollution control arrangements for control emission from its fuel handling area, if applicable.

37. The industry shall comply with the code of practice as notified by the Government/Board for the type of industries where the siting guidelines / Code of Practice have been notified.
38. The industry shall not cause any nuisance/traffic hazard in vicinity of the area
39. The industry shall ensure that the noise & air emission from D.G. sets do not exceed the standards prescribed for D.G. sets by the Ministry of Environment & Forests, New Delhi.
40. The industry shall ensure that there will not be significant visible dust emissions beyond the property line
41. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry.
42. The Industry shall ensure that its production capacity does not exceed the capacity mentioned in the consent and shall not carry out any expansion without the prior permission / NOC of the Board.

B. SPECIAL CONDITIONS

1. The promoter company shall ensure the compliance of the Solid Waste Management Rules, 2016 and being the bulk waste generator shall ensure segregation of solid waste at source, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorized waste pickers or the authorized recyclers as prescribed in Solid Waste Management Rules, 2016. The bio-degradable waste shall be processed, treated and disposed of through mechanical composter. The residual waste shall be given to the waste collectors or agency as directed by the local body.
2. The promoter company shall submit the compliance for the installation of the mechanical composter by 31.12.2020.
3. The Promoter Company shall apply for Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 immediately.



27/10/2020

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R13SAS333603

Application No : 13631923

To,

Shishir Lal
Emaar Mgf Land Limited Office No 40, Central Plaza Sector-105 Mohali-1660062
Mohali, Mohali-160062

Subject: Grant Varied 'Consent to Operate' an outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of effluent.

With reference to your application for obtaining Varied $\frac{1}{2}$ Consent to Operate $\frac{1}{2}$ an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate

1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry

Consent to Operate Certificate No.	CTOW/Varied/SAS/2020/13631923
Date of issue :	27/10/2020
Date of expiry :	31/03/2021
Certificate Type :	Varied
Previous CTO No. & Validity :	CTOW/Renewal/SAS/2019/7211198 From:28/01/2019 To:31/03/2020

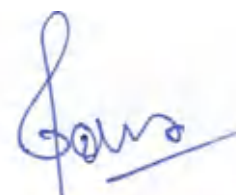
2. Particulars of the Industry

Name & Designation of the Applicant	Shishir Lal, (Head, Sustainability Excellence Centre)
Address of Industrial premises	Integrated Township "mohali Hills" Being Developed By M/s Emaar Mgf Land Ltd, Sector-98, 99, 104, 106, 108, 109 & 110, Mohali, Sas Nagar-160017
Capital Investment of the Industry	210955.0 lakhs
Category of Industry	Red
Type of Industry	Building, Const. projects, Township & Area development covered under EIA notification dated 14/9/06
Scale of the Industry	Large
Office District	Sas Nagar
Consent Fee Details	Rs.1128000/- vide UTR no. HSBCR22020022809364864 dated 28.02.2020
Raw Materials(Name with quantity per day)	Residential project consisting of 644 Dwelling units (46 Dwelling units in Sector-99, 34 Dwelling Units in Secy- 104, 265 Dwelling Units in Sector-105, 144 Dwelling Units in Sector-108, 106 Dwelling units in Sector-109, 23 Dwelling Units in Sector-106 and 26 Shops in 105)

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Integrated Township "mohali Hills" Being Developed By M/s Emaar Mgf Land Ltd, Sector-98, 99, 104, 106, 108, 109 & 110, Mohali, Sas Nagar, 160017

Products (Name with quantity per day)	<i>Residential project consisting of 644 Dwelling units (46 Dwelling units in Sector-99, 34 Dwelling Units in Secyor-104, 265 Dwelling Units in Sector-105, 144 Dwelling Units in Sector-108, 106 Dwelling units in Sector-109, 23 Dwelling Units in Sector-106 and 26 Shops in 105)</i>
By-Products, if any,(Name with quantity per day)	--
Details of the machinery and processes	<i>As per application no.13631923</i>
Details of the Effluent Treatment Plant	<i>Domestic Effluent @ 340.0 KLD - After STP 141 KLD reuse for flushing 199 KLD onto land for plantation.</i>
Mode of Disposal	<i>Domestic Effluent @ 340.0 KLD - After STP 141 KLD reuse for flushing 199 KLD onto land for plantation.</i>
Standards to be achieved under Water(Prevention & Control of Pollution) Act, 1974	<i>As per effluent standards prescribed by the PPCB/ MoEF&CC from time to time.</i>



27/10/2020

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

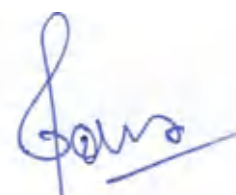
(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar.



27/10/2020

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

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Integrated Township "mohali Hills" Being Developed By M/s Emaar Mgf Land Ltd, Sector-98, 99, 104, 106, 108, 109 & 110, Mohali, Sas Nagar, 160017

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TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall confirm to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/re-circulation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time , without any adverse effect on the environment, in any manner
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year.
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/ modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions.
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer, Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer, Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.
17. The industry shall provide online monitoring equipment^{1/2}s for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.
18. The pollution control devices shall be interlocked with the manufacturing process of the industry.
19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board.
20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.

23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-
- (i) Once in Year for Small Scale Industries.
 - (ii) Four in a Year for Large/Medium Scale Industries.
 - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.
25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.
26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.
30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
- (i) Where unavoidable to prevent loss of life or some property damage or
 - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified.
33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period.
37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free.
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.

42. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.

B. SPECIAL CONDITIONS

1. The promoter company shall ensure the compliance of the Solid Waste Management Rules, 2016 and being the bulk waste generator shall ensure segregation of solid waste at source, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorized waste pickers or the authorized recyclers as prescribed in Solid Waste Management Rules, 2016. The bio-degradable waste shall be processed, treated and disposed of through mechanical composter. The residual waste shall be given to the waste collectors or agency as directed by the local body.
2. The promoter company shall submit the compliance for the installation of the mechanical composter by 31.12.2020.
3. The Promoter Company shall apply for Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 immediately.



27/10/2020

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

Member Secretary



ANNEXURE V

**भारत सरकार
केन्द्रीय भूमि जल प्राधिकरण
जल संसाधन, नदी विकास
और गंगा संरक्षण मंत्रालय**

**Government of India
Central Ground Water Authority
Ministry of Water Resources,
River Development & Ganga Rejuvenation**

CGWA/IND/Proj/2016-212-R

No.21-4(89)/ NWR /CGWA /2007- 686

Dated: 27 MAR 2017

To,

**M/s Emaar MGF Land Pvt Ltd.,
SCO 120-122, 1st Floor,
Sector 17 C, Chandigarh-160017**

Sub:- Renewal of NOC for ground water withdrawal to M/s Emaar MGF Land Pvt Ltd., for its existing integrated township "Mohall Hills" located at Sector 98, 105, 108 & 109, Block Kharar, District SAS Nagar (Mohali), Punjab -reg.

Refer to your application dated 21.05.2016 and letter dated 27.02.2017 on the above cited subject. Based on recommendations of Regional Director, Central Ground Water Board, North Western Region, Chandigarh vide his office letter No. 4(172)A-PB/EMAAR/NWR/S&I/2007-1877 dated 19.08.2016, presentation made before the committee members on 24.12.2016 at CGWB, New Delhi and further deliberations on the subject, the renewal of NOC issued vide this office letter of even no. dated 08.12.2007, is hereby accorded to M/s Emaar MGF Land Pvt Ltd., for its existing integrated township "Mohall Hills" located at Sector 98, 105, 108 & 109, Block Kharar, District SAS Nagar (Mohali), Punjab. The renewal is however subject to the following conditions:-

1. The firm may abstract 2000 m³/day (and not exceeding 7,30,000 m³/year) of ground water through existing ten (10) tubewells only (instead of earlier accorded NOC of 11,860 m³/day). No additional ground water abstraction structures to be constructed for this purpose without prior approval of the CGWA.
2. All the wells to remain fitted with water meter and monitoring of ground water abstraction to be continued on regular basis at least once in a month. The ground water quality to be monitored twice in a year during pre monsoon and post monsoon periods.
3. M/s Emaar MGF Land Pvt Ltd., shall implement ground water recharge measures to the tune of 70,000 m³/year for augmenting the ground water resources in consultation with the Regional Director, Central Ground Water Board, North Western Region, Chandigarh. Firm shall also undertake periodic maintenance of recharge structures at its own cost.
4. The firm shall continue to execute ground water regime monitoring programme in and around the project area through two (2) piezometers fitted with automatic water level recorders having telemetry systems on regular basis in consultation

West Block - 2, Wing - 3, Sector - 1, R.K. Puram, New Delhi - 110066

Tel : 011-26175362, 26175373, 26175379 • Fax : 011-26175369

Website : www.cgwa-noc.gov.in

स्वच्छ सुरक्षित जल - सुन्दर सुशहल कल

with the Regional Director, Central Ground Water Board, North Western Region, Chandigarh.

5. The ground water monitoring data in respect of S. No. 2 & 4 to be submitted to Regional Director, Central Ground Water Board, North Western Region, Chandigarh on regular basis at least once in a year.
6. The firm shall ensure proper recycling and reuse of waste water and its full utilization after adequate treatment.
7. Action taken report in respect of S.N o. 1 to 6 may be submitted to CGWA within one year period.
8. The renewal is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 7.
9. This NOC is subject to prevailing Central/State Government rules/laws or Court orders related to construction of tubewell/ground water withdrawal/construction of recharge or conservation structures/discharge of effluents or any such matter as applicable.
10. This NOC does not absolve the applicant / proponent of his obligation / requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
11. The NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and be taking decisions independently of the NOC.
12. This renewal is valid for three years from date of issuance of this letter.


Member Secretary

Copy to:

1. The Member Secretary, Punjab Pollution Control Board Vatavaran Bhawan, Naha Road, Patiala, 147001, Punjab with a request to ensure that the conditions mentioned in the NOC are complied by the firm in consultation with the Deputy Commissioner, SAS Nagar District, Punjab.
2. The Deputy Commissioner, SAS Nagar District, Punjab for necessary action.
3. The Regional Director, Central Ground Water Board, North Western Region, Bhujal Bhawan, Plot No. 3-B, Sector-27A, Madhya Marg, Chandigarh-160017. This has reference to your letter No. 4(172) A-PB/EMAAR/NWR/S&I/2007-1877 dated 19.08.2016.
4. TS to Chairman, Central Ground Water Board, Bhujal Bhawan, Faridabad.
5. Guard File 2016-17.


Member Secretary

ANNEXURE VI

Photograph of Organic Waste Composter





Vardan EnviroLab

ANNEXURE VII - AMBIENT
AIR

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample Number:	VEL/MH/A/01	Report No.:	VEL/A/2104/28/001
Name & Address of the Project:	M/s Mohali Hills	Format No.:	7.8 F-01
	Sector - 105, S.A.S. Nagar, Mohali,	Party Reference No.:	NIL
	Punjab - 160062	Reporting Date:	01/05/2021
		Period of Analysis:	28/04/2021 to 01/05/2021
		Receipt Date:	28/04/2021

Sample Description: AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	Park No.1
Sample collected by	Vardan EnviroLab Representative
Sampling Equipment used	RDS & FPS
Instrument Code	VEL/RDS/FPS/01
Instrument Calibration Status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	27/04/2021 to 28/04/2021
Time of Monitoring	09:30 AM to 09:30 AM
Ambient Temperature (°C)	Min. 20.0°C, Max. 39.0°C
Surrounding Activity	Human & Vehicular Activities
Scope of Monitoring	Regulatory Requirement
Sampling & Analysis Protocol	IS : 5182 & CPCB Guidelines
Sampling Duration	24 Hrs.
Parameter Required	As per work order

S. No	Parameters	Test Method	Results	Units	Limit as per CPCB
1.	Particulate Matter (as PM – 10)	IS:5182 (P-23), Gravimetric Method, RA:2006	87.41	µg/m ³	100
2.	Particulate Matter (as PM – 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	49.62	µg/m ³	60
3.	Nitrogen Dioxide (as NO ₂)	IS: 5182 (P-6), Jacob & Hochheiser, RA:2006	27.67	µg/m ³	80
4.	Sulphur Dioxide (as SO ₂)	IS: 5182 (P-2), Modified West and Gaeke, RA:2012	15.82	µg/m ³	80
5.	Carbon Monoxide (as CO)	IS: 5182 (P-10), Gas Chromatography, RA:2003	0.74	mg/m ³	4.0
6.	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL0.05 µg/m ³)	µg/m ³	1.0

*BDL- Below Detection Limit, **DL- Detection Limit

MEENU KAUSHIK
(Tested By) ANALYST

SUBODH SHEKHAWAT
(Checked By) BY. TECHNICAL MANAGER

Dr. Shiv Singh
(Approved By) Authorised Signatory

Note: Terms & conditions refer on backside of test report.

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Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenvironet.com, bd@vardanenvironet.com



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - S, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

ANNEXURE VIII - DG STACK EMISSION

Test Report

Sample Number:	VEL/MH/A/02	Report No.:	VEL/A/2104/28/002
Name & Address of the Project:	M/s Mohali Hills	Format No.:	7.8 F-01
	Sector - 105, S.A.S. Nagar, Mohali,	Party Reference No.:	NIL
	Punjab - 160062	Reporting Date:	01/05/2021
		Period of Analysis:	28/04/2021 to 01/05/2021
		Receipt Date:	28/04/2021

Sample Description: AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	: Park No.2
Sample collected by	: Vardan EnviroLab Representative
Sampling Equipment used	: RDS & FPS
Instrument Code	: VEL/RDS/FPS/02
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 27/04/2021 to 28/04/2021
Time of Monitoring	: 09:45 AM to 09:45 AM
Ambient Temperature (°C)	: Min. 20.0°C, Max. 39.0°C
Surrounding Activity	: Human & Vehicular Activities
Scope of Monitoring	: Regulatory Requirement
Sampling & Analysis Protocol	: IS : 5182 & CPCB Guidelines
Sampling Duration	: 24 Hrs.
Parameter Required	: As per work order

S. No	Parameters	Test Method	Results	Units	Limit as per CPCB
1.	Particulate Matter (as PM - 10)	IS:5182 (P-23), Gravimetric Method, RA:2006	82.45	µg/m ³	100
2.	Particulate Matter (as PM - 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	46.24	µg/m ³	60
3.	Nitrogen Dioxide (as NO ₂)	IS: 5182 (P-6), Jacob & Hochheiser, RA:2006	23.15	µg/m ³	80
4.	Sulphur Dioxide (as SO ₂)	IS: 5182 (P-2), Modified West and Gaeke, RA:2012	14.84	µg/m ³	80
5.	Carbon Monoxide (as CO)	IS: 5182 (P-10), Gas Chromatography, RA:2003	0.71	mg/m ³	4.0
6.	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL0.05 µg/m ³)	µg/m ³	1.0

*BDL- Below Detection Limit, **DL- Detection Limit

MEENU KAUSHIK
(Tested By) ANALYST

SUBODH SHEKHAWAT
(Checked By) MANAGER

Dr. Shiv Prakash Singh
(Approved By) Authorised Signatory

Note: Terms & conditions refer on backside of test report.

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Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenvironet.com, bd@vardanenvironet.com



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number: VEL/MH/A/03
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062

Report No.: VEL/A/2104/28/003
Format No.: 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Receipt Date: 28/04/2021

Sample Description: AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Park No.3
Sample collected by : Vardan EnviroLab Representative
Sampling Equipment used : RDS & FPS
Instrument Code : VEL/RDS/FPS/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 27/04/2021 to 28/04/2021
Time of Monitoring : 10:00 AM to 10:00 AM
Ambient Temperature (°C) : Min. 20.0°C, Max. 39.0°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182 & CPCB Guidelines
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S. No	Parameters	Test Method	Results	Units	Limit as per CPCB
1.	Particulate Matter (as PM - 10)	IS:5182 (P-23), Gravimetric Method, RA:2006	86.15	µg/m ³	100
2.	Particulate Matter (as PM - 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	46.61	µg/m ³	60
3.	Nitrogen Dioxide (as NO ₂)	IS: 5182 (P-6), Jacob & Hochheiser, RA:2006	25.18	µg/m ³	80
4.	Sulphur Dioxide (as SO ₂)	IS: 5182 (P-2), Modified West and Gaeke, RA:2012	14.47	µg/m ³	80
5.	Carbon Monoxide (as CO)	IS: 5182 (P-10), Gas Chromatography, RA:2003	0.79	mg/m ³	4.0
6.	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL0.05 µg/m ³)	µg/m ³	1.0

*BDL- Below Detection Limit, **DL- Detection Limit

MEENU KAUSHIK
(Tested By)

SIBODH SHEKHAWAT
(Checked By) **MANAGER**



Note: Terms & conditions refer on backside of test report.

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Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenvironet.com, bd@vardanenvironet.com



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample Number: VEL/MH/ST/01 Report No.: VEL/ST/2104/28/001
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062
Format No.: 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Receipt Date: 28/04/2021

Sample Description : Stack Emission Monitoring

Sample Collected : Vardan EnviroLab Representative
Date of Sampling : 27/04/2021
Sampling Location : D.G. Set Area
Sampling duration (Minutes) : 37.0
Stack attached to : D.G. Set No. 1 (75 KVA)
Make of stack : MS
Diameter of stack : 0.102Mtr
Height of stack : 6.0 Mtr
Meteorological Condition : Clear Sky
Instrument calibration status : Calibrated
Ambient Temperature - Ta (°C) : 36.0
Temperature of Stack Gases - Ts (°C) : 125.0
Velocity of Stack Gases (m/sec.) : 7.49
Flow rate of PM (LPM) : 19.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS :11255

RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	0.039	gm/Kw-hr	≤ 0.3
2.	Nitrogen Dioxide (as NO ₂)	IS 11255 (P-7) Colorimetric Method	1.15	gm/Kw-hr	≤ 4.7
3.	Total Hydrocarbon as Methane	By Gas Chromatography Method	0.32	gm/Kw-hr	
4.	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	0.39	gm/Kw-hr	Not Specified
5.	Carbon Monoxide (as CO)	*SOP No. VEL/SOP/01, Section No. SP 74	0.56	gm/Kw-hr	≤ 3.5

*SOP-Laboratory Standard operating procedure.

MEENU KAUSHIK
Sr. Analyst
(Tested By)

S. S. SINGH
Sr. Manager
(Checked By)



Note: Terms & conditions refer on backside of test report.

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Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample Number: VEL/MH/ST/02 Report No.: VEL/ST/2104/28/002
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062
Format No.: 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Receipt Date: 28/04/2021

Sample Description : Stack Emission Monitoring

Sample Collected : Vardan EnviroLab Representative
Date of Sampling : 27/04/2021
Sampling Location : Basement -2
Sampling duration (Minutes) : 32.0
Stack attached to : D.G. Set No.2 (500 KVA)
Make of stack : M S
Diameter of stack : 0.102 Mtr
Height of stack : 6.096 Mtr
Meteorological Condition : Clear Sky
Instrument calibration status : Calibrated
Ambient Temperature - Ta ($^{\circ}\text{C}$) : 36.0
Temperature of Stack Gases - Ts ($^{\circ}\text{C}$) : 162.0
Velocity of Stack Gases (m/sec.) : 8.42
Flow rate of PM (LPM) : 22.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS:11255

RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	0.075	gm/Kw-hr	≤ 0.2
2.	Oxide of Nitrogen (as NOX)	IS 11255 (P-7) Colorimetric Method	1.24	gm/Kw-hr	≤ 4.0
3.	Total Hydrocarbon as Methane	SOP, SP-194, Issued No. 01/2018	0.46	gm/Kw-hr	Not Specified
4.	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	0.39	gm/Kw-hr	≤ 3.5
5.	Carbon Monoxide (as CO)	*SOP No. VEL/SOP/01, Section No. SP 74	0.61	gm/Kw-hr	

*SOP-Laboratory Standard operating procedure.

MEENU KAUSHIK
(Tested By) ANALYST

SUBODH SHEKHAWAT
(Checked By) TECHNICAL MANAGER

Dr. S. Singh
(Approved By)
Signature

Note: Terms & conditions refer on backside of test report.

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Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample Number: VEL/MH/ST/03
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062

Report No.: VEL/ST/2104/28/003
Format No.: 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Receipt Date: 28/04/2021

Sample Description : Stack Emission Monitoring

Sample Collected : Vardan EnviroLab Representative
Date of Sampling : 27/04/2021
Sampling Location : D.G. Set Area
Sampling duration (Minutes) : 36.0
Stack attached to : D.G. Set No.3 (100 KVA)
Make of stack : M S
Diameter of stack : 0.102 Mtr
Height of stack : 6.096 Mtr
Meteorological Condition : Clear Sky
Instrument calibration status : Calibrated
Ambient Temperature - Ta (°C) : 36.0
Temperature of Stack Gases - Ts (°C) : 136.0
Velocity of Stack Gases (m/sec.) : 8.32
Flow rate of PM (LPM) : 21.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS :11255

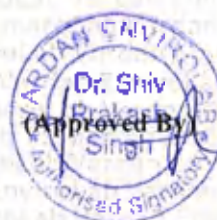
RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits (As Per CPCB)
1.	Particulate Matter (PM)	IS 11255 (P-1) Gravimetric Method	0.065	gm/Kw-hr	≤0.2
2.	Oxide of Nitrogen (as NOX)	IS 11255 (P-7) Colorimetric Method	1.21	gm/Kw-hr	≤4.0
3.	Total Hydrocarbon as Methane	SOP, SP-194, Issued No.01:2018	0.36	gm/Kw-hr	Not Specified
4.	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	0.43	gm/Kw-hr	≤3.5
5.	Carbon Monoxide (as CO)	*SOP No. VEL/SOP/01, Section No. SP 74	0.65	gm/Kw-hr	

*SOP-Laboratory Standard operating procedure.

DR. NIT KAUSHIK
(Tested By)
SR. ANALYST

S. S. SHEKHAWAT
(Checked By)
DY. TECHNICAL MANAGER



Note: Terms & conditions refer on backside of test report.

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Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenvironet.com, bd@vardanenvironet.com



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample Number: VEL/MH/PN/01
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062

Report No.: VEL/PN/2104/28/001
Format No.: 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Receipt Date: 28/04/2021

Sample Description: DG NOISE MONITORING

General Information:-

Sample collected by : Vardan EnviroLab Representative
Sampling Location : DG Room (75 KVA & 500 KVA)
Instrument Used : Sound Level Meter
Instrument Code : VEL/SLM/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 27/04/2021
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No any
Sampling & Analysis Protocol : IS 9989
Sampling Duration : 30 Min.
Parameter Required : As per Work Order

S. No.	Parameters	Protocol	Result dB(A)		
			Inside DG Room Result dB(A)	Outside of DG Room (0.5 Meter Distance) Result dB(A)	Insertion Loss
1.	L_{eq}	CPCB Guideline & Indian Standard:9989	95.8	70.2	25.6
2.	CPCB Limits in dB (A)	-	--	75.0	25.00

(Tested By)
MEENI KAUSHIK

(Checked By)
SUBODH K SHAWAT
DY. TECHNICAL MANAGER



Note: Terms & conditions refer on backside of test report.

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Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenvironet.com, bd@vardanenvironet.com



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number:	VEL/MH/PN/02	Report No.:	VEL/PN/2104/28/002
Name & Address of the Project:	M/s Mohali Hills Sector - 105, S.A.S. Nagar, Mohali, Punjab - 160062	Format No.:	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	01/05/2021
		Period of Analysis:	28/04/2021 to 01/05/2021
		Receipt Date:	28/04/2021

Sample Description: DG NOISE MONITORING

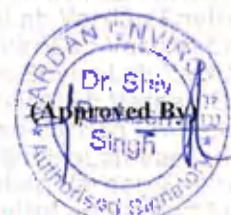
General Information:-

Sample collected by	Vardan EnviroLab Representative
Sampling Location	Near Park No.1 DG Set No. 1 (100 KVA)
Instrument Used	Sound Level Meter
Instrument Code	VEL/SLM/04
Instrument Calibration Status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	27/04/2021
Scope of Monitoring	Regulatory Requirement
Control measure if Any	No any
Sampling & Analysis Protocol	IS 9989
Sampling Duration	30 Min.
Parameter Required	As per Work Order

S.No.	Parameters	Test Method	Result dB(A)		
			Open the canopy of DG Set Result dB(A)	Close the canopy of DG Set (0.5 Mtr. Distance) Result dB(A)	Insertion Loss
1.	L_{90}	CPCB Guideline & Indian Standard:9989	95.1	69.7	25.4
2.	CPCB Limits in dB (A)			75.0	25.00

MEENU KAUSHIK
(Tested By)

S. JODHI SHEKHAWAT
DY. TECHNICAL MANAGER
(Checked By)



Note: Terms & conditions refer on backside of test report.

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ANNEXURE X

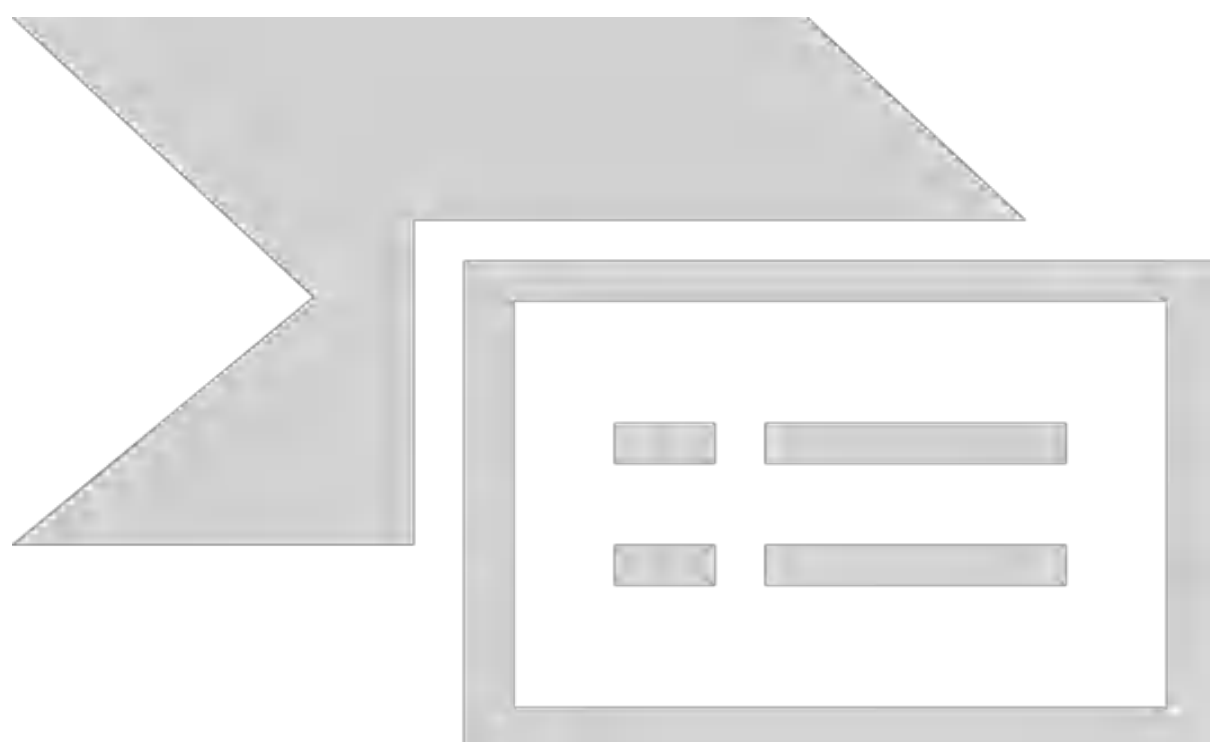
PHOTOGRAPHS OF WORKERS WITH PPE KIT AND DUST MASKS

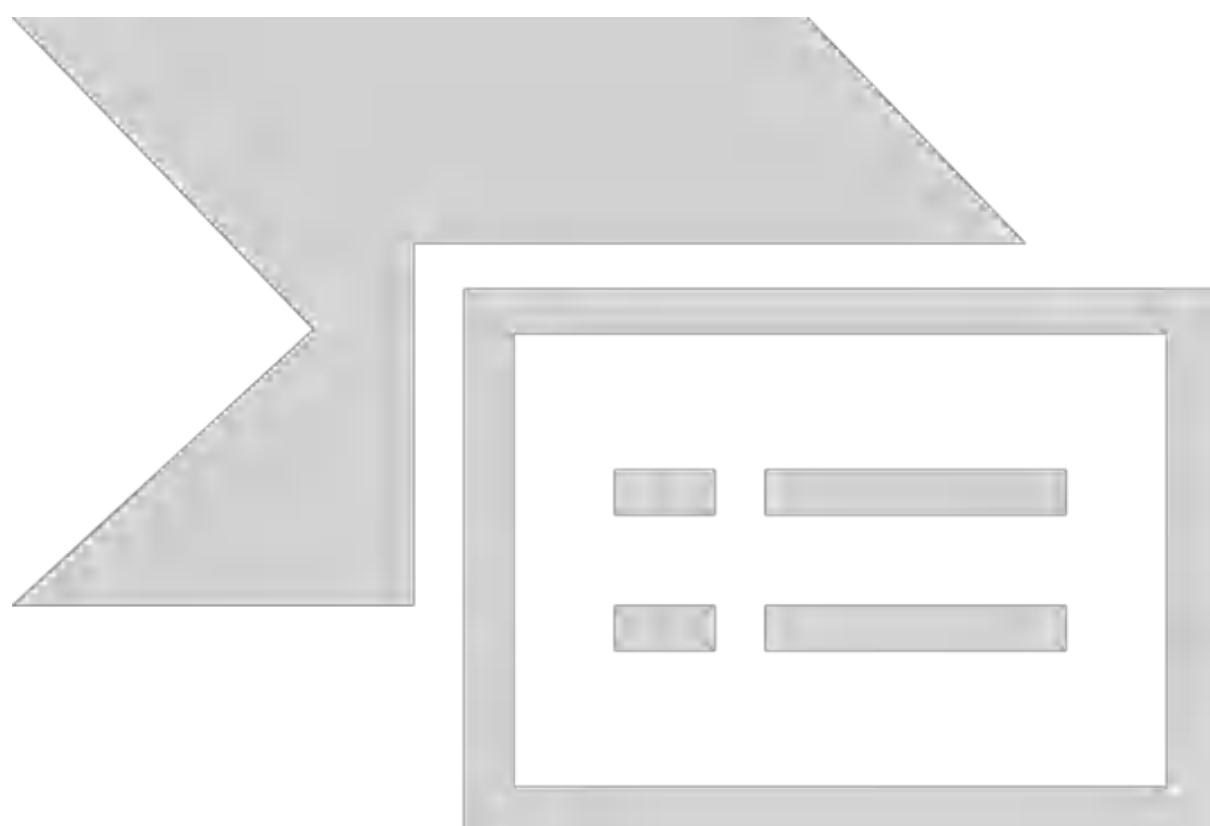




2.5 MLD STP PICTURES







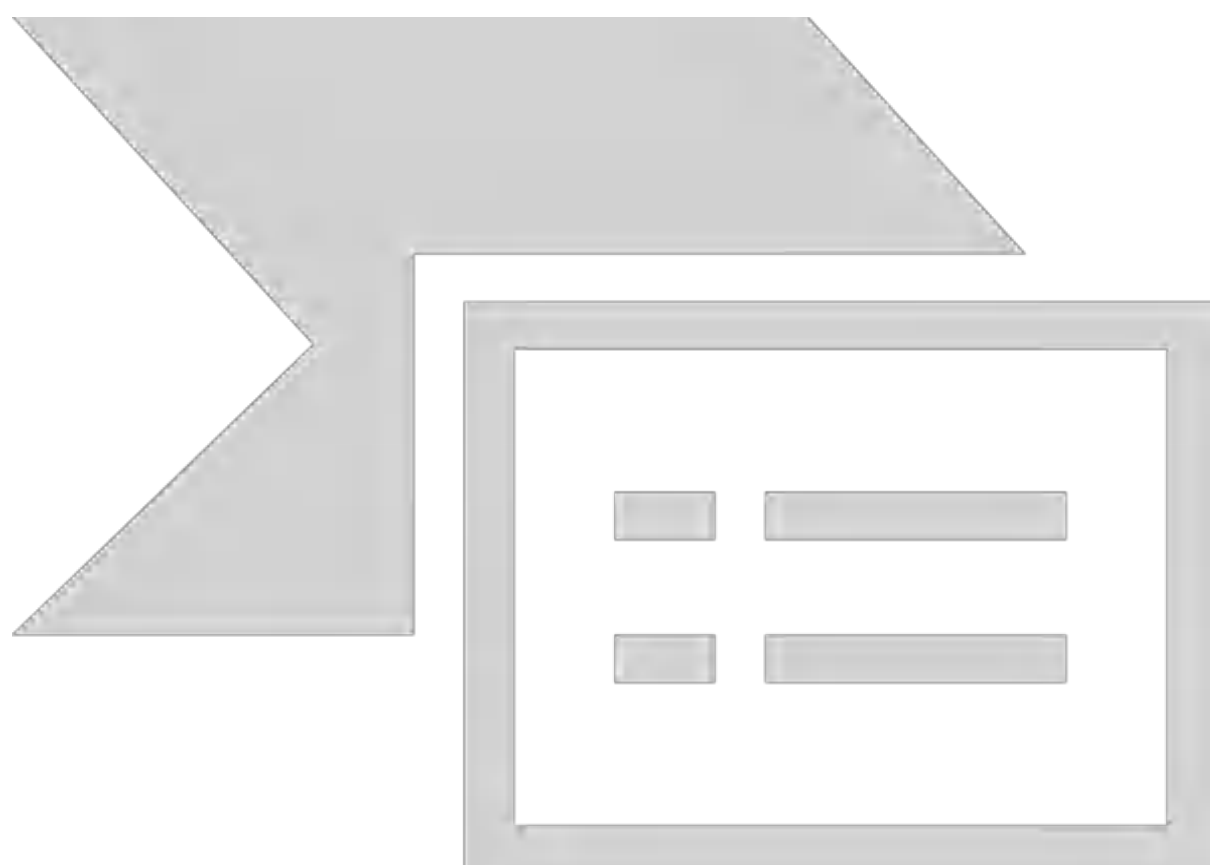
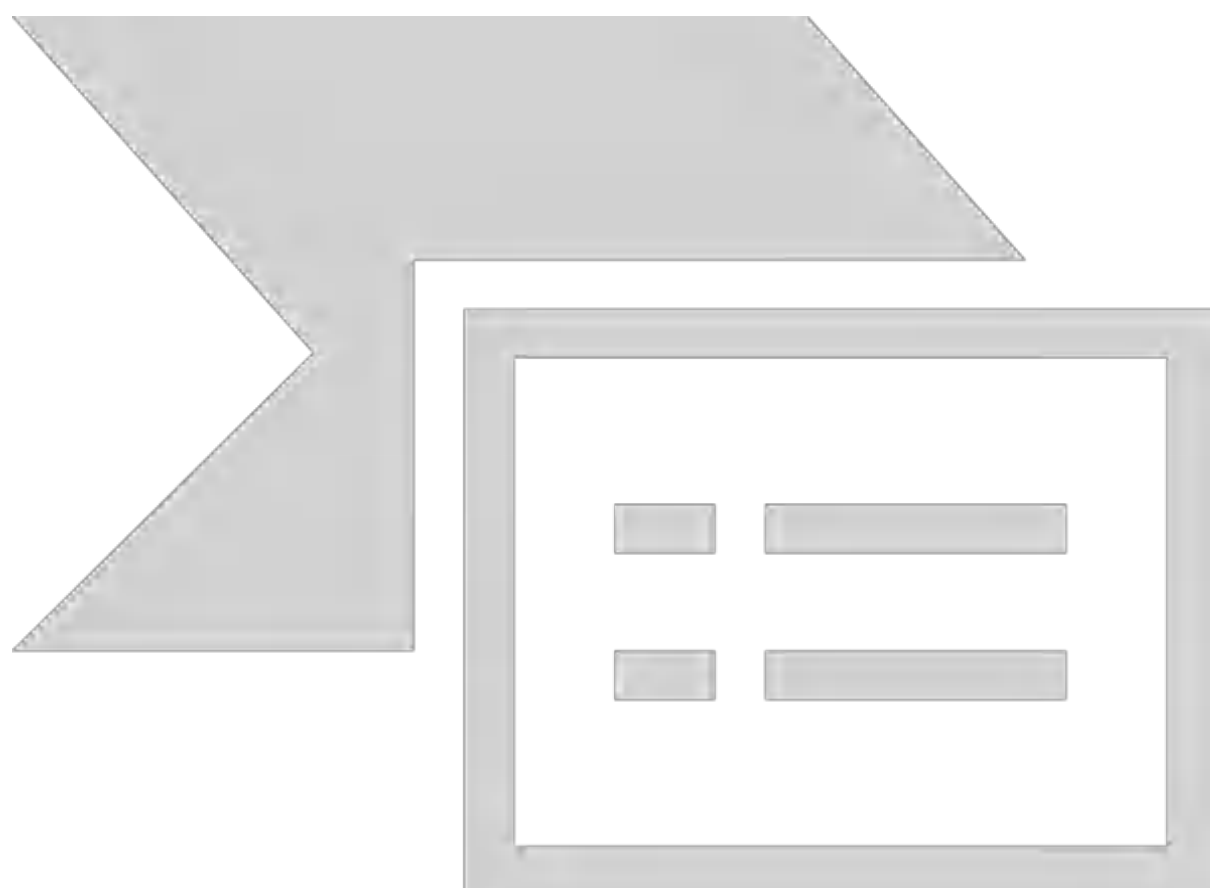


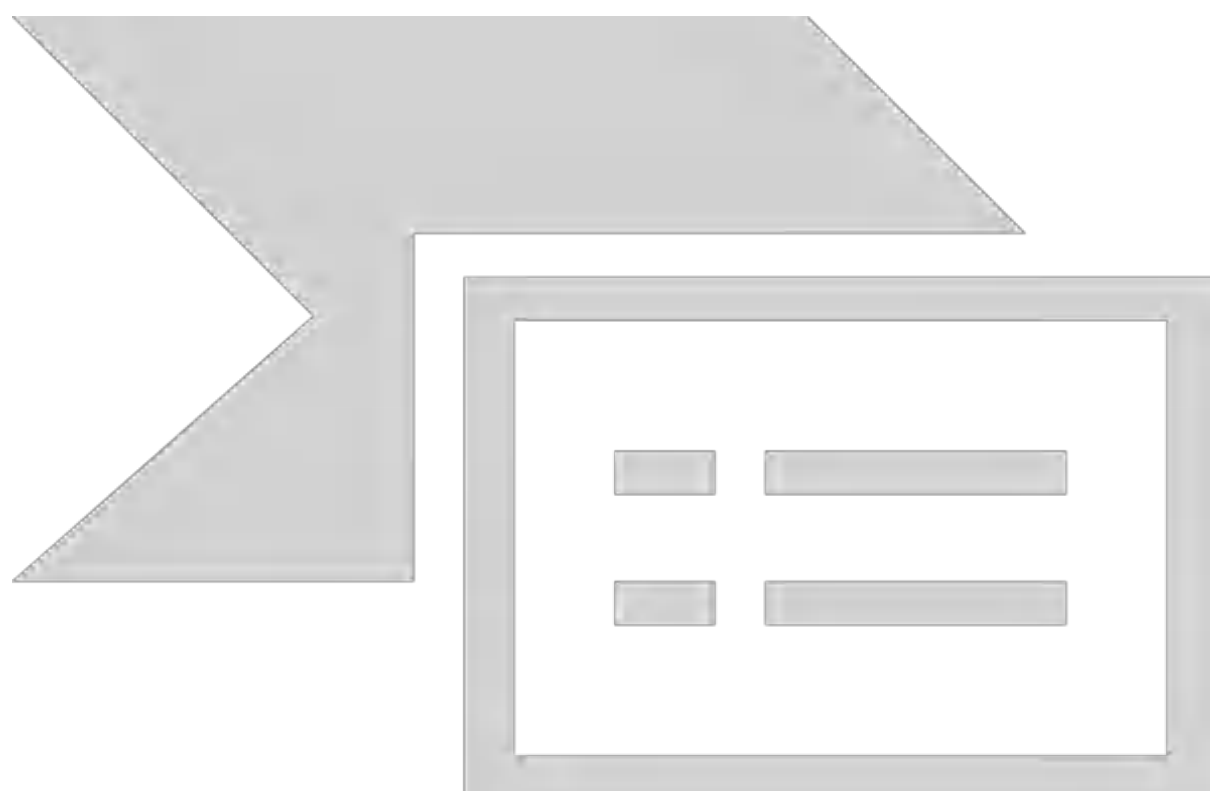
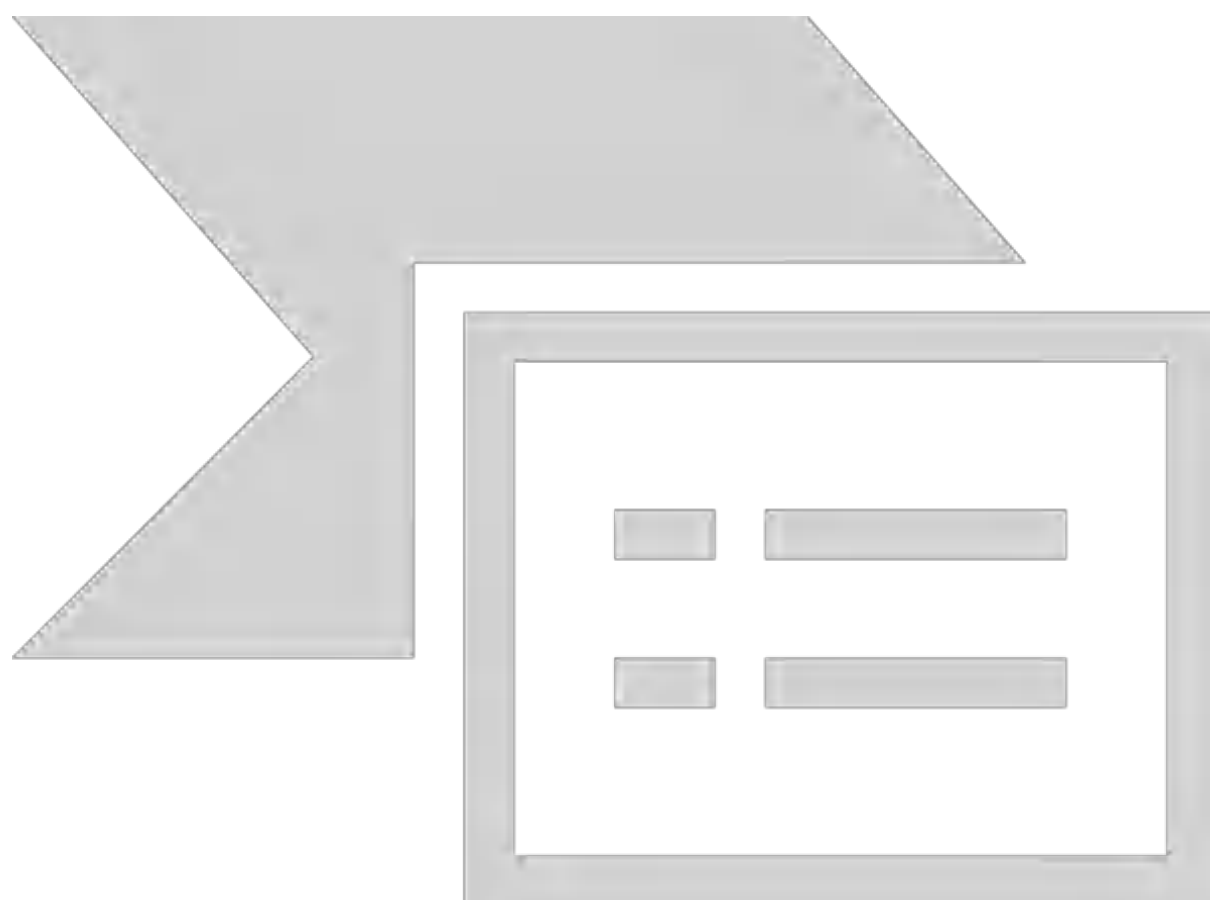
5 MLD STP PICTURES

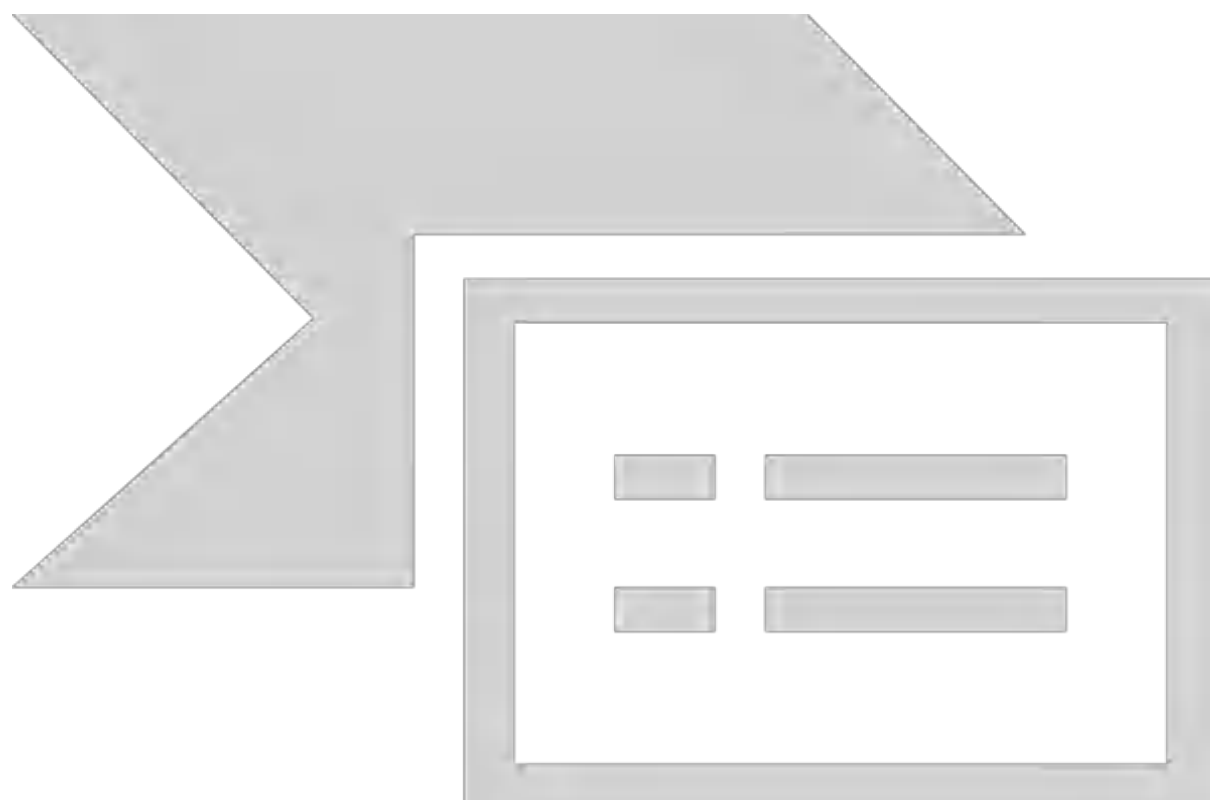
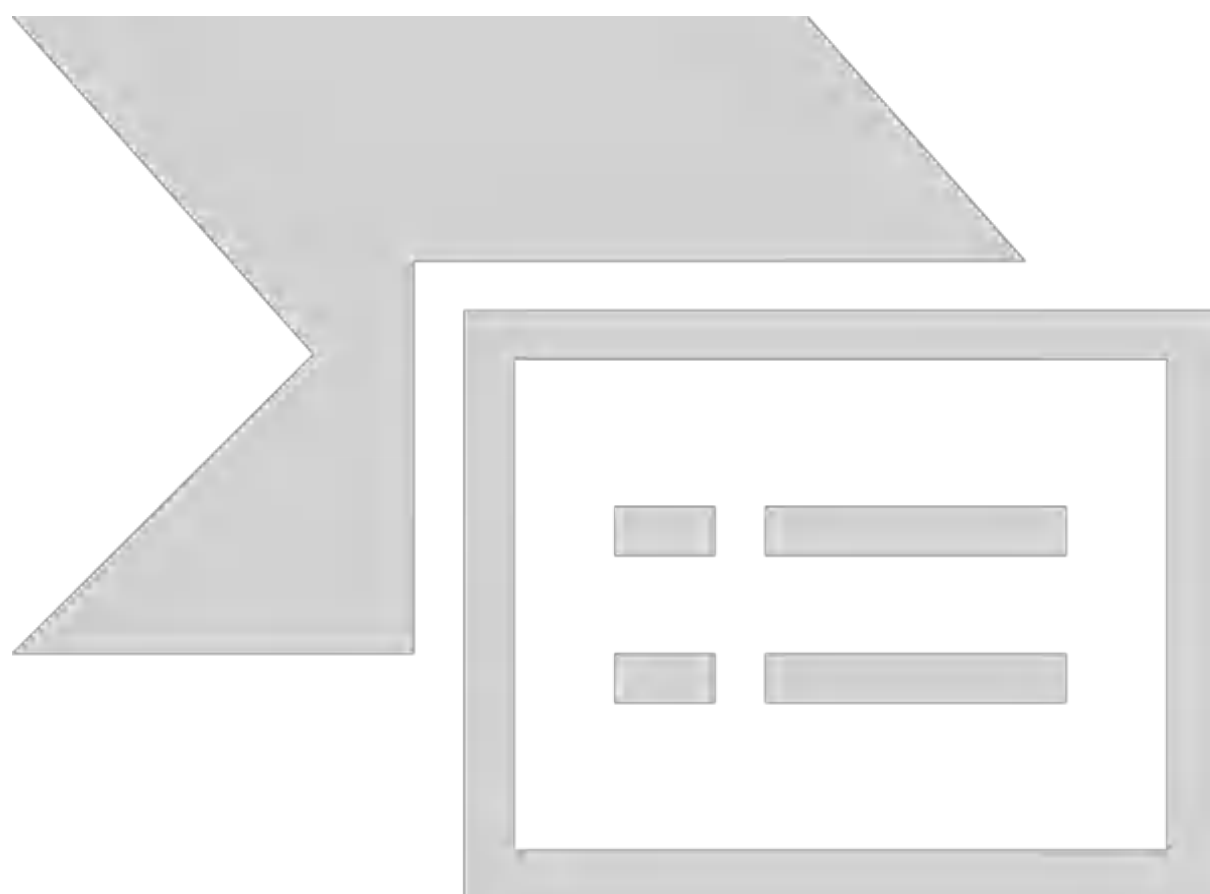


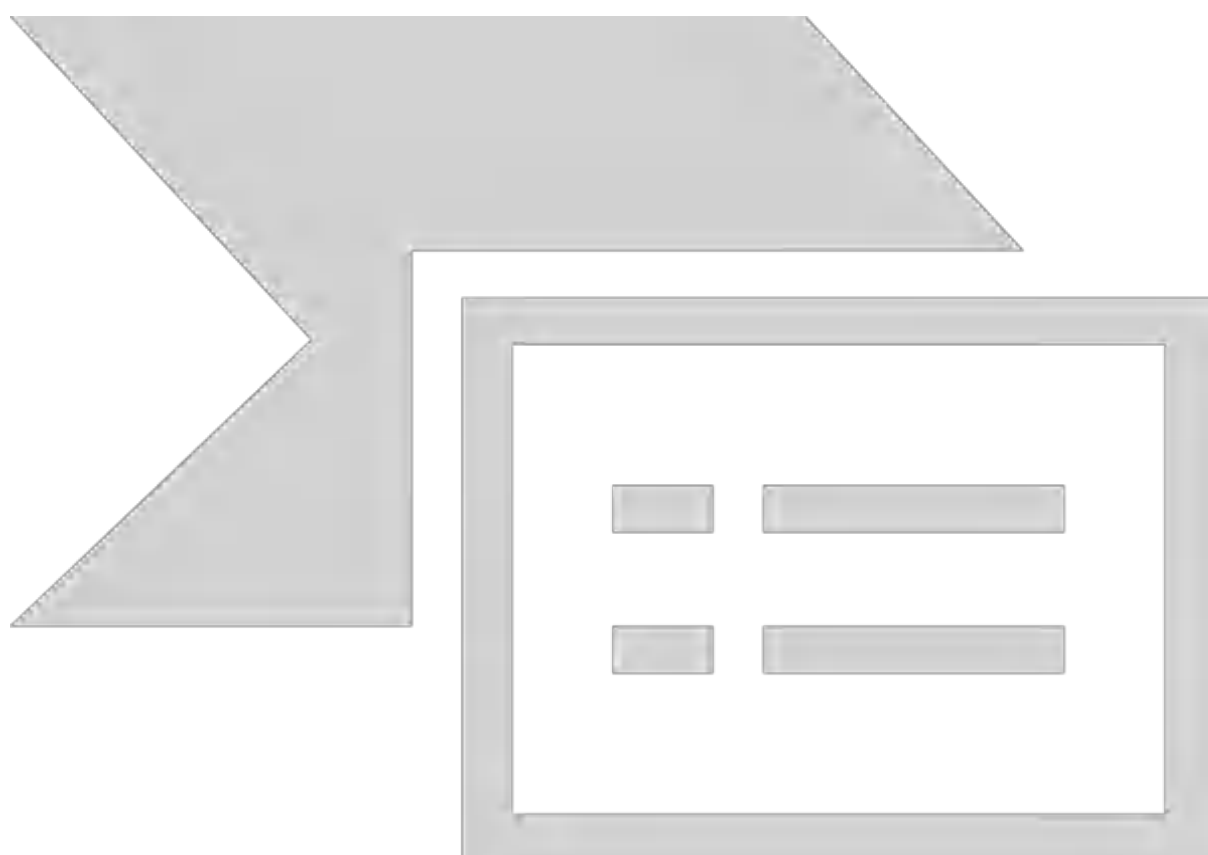














Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

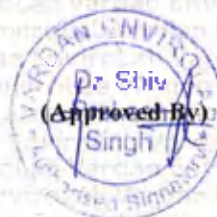
Test Report

Sample Number:	VEL/MH/W/01	Report No.:	VEL/W/2104/28/001
Name & Address of the Project:	M/s Mohali Hills	Format No.:	7.8 F-01
	Sector - 105, S.A.S. Nagar, Mohali,	Party Reference No.:	NIL
	Punjab - 160062	Reporting Date:	01/05/2021
Sample Description:	Drinking Water Sample	Period of Analysis:	28/04/2021 to 01/05/2021
Sampling Location:	Office Pantry Area	Receipt Date:	28/04/2021
Sample Collected by	Vardan EnviroLab Representative	Sampling Date:	27/04/2021
Sampling & Analysis Protocol:	IS 3025 & APHA, 23rd Edition, 2017	Type of Sampling:	Grab
		Sampling Quantity:	5.0 Ltr + 250ml.
		Preservation:	Refrigerated

S. No.	Parameter	Test-Method	Result	Unit	Requirement as per IS:10300-2012#	
					Acceptable Limits	Permissible Limits
1.	pH (at 25 °C)	APHA ,4500-H ⁺ B Electrometric Method	7.37	--	6.5 to 8.5	No Relaxation
2.	Colour	APHA ,2120 B, Visual Comparison Method	*BDL (**DL 1.0 Hazen)	Hazen	5	15
3.	Turbidity	APHA, 2130 B, Nephelometric Method	*BDL (**DL 1.0 NTU)	NTU	1	5
4.	Odour	APHA, 2150 B, Threshold Test Method	Agreeable	--	Agreeable	Agreeable
5.	Taste	APHA , 2160 B, Threshold Test Method	Agreeable	--	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	APHA , 2340 C, EDTA Titrimetric Method	53.44	mg/l	200	600
7.	Calcium as Ca	APHA, 3500 Ca B, EDTA Titrimetric Method	12.78	mg/l	75	200
8.	Alkalinity as CaCO ₃	APHA , 2320 B, Titrimetric Method	61.34	mg/l	200	600
9.	Chloride as Cl	APHA, 4500-Cl ⁻ B, Argentometric Method	9.89	mg/l	250	1000
10.	Cyanide as CN	IS:3025 (P-27)	*BDL (**DL 0.02 mg/l)	mg/l	0.05	No Relaxation
11.	Magnesium as Mg	APHA , 3500 Mg B, Calculation Method	5.23	mg/l	30	100
12.	Total Dissolved Solids	APHA , 2540 C, Gravimetric Method	115.00	mg/l	500	2000
13.	Sulphate as SO ₄	APHA , 4500 E, Turbidimetric Method	*BDL (**DL 5.0 mg/l)	mg/l	200	400
14.	Fluoride as F	APHA , 4500-F ⁻ D, SPADNS Method	*BDL (**DL 0.2 mg/l)	mg/l	1.0	1.5
15.	Nitrate as NO ₃	IS 3025 (P-34) ,Chromotropic Method	*BDL (**DL 1.0 mg/l)	mg/l	45	No Relaxation
16.	Iron as Fe	IS 3025 (P-65):2014(RA:2019)	*BDL (**DL 0.01 mg/l)	mg/l	1.0	No relaxation
17.	Aluminum as Al	IS 3025 (P-65):2014(RA:2019)	*BDL (**DL 0.002 mg/l)	mg/l	0.03	0.2
18.	Boron	IS 3025 (P-65):2014(RA:2019)	*BDL (**DL 0.01 mg/l)	mg/l	0.5	2.4
19.	Total Chromium as Cr	IS 3025 (P-65):2014(RA:2019)	*BDL (**DL 0.002 mg/l)	mg/l	0.05	No Relaxation

MEENU KAUSHIK
(Tested By)

BISHUFI NAYAK
(Checked By)
Dy. Technical Manager



Note: Terms & conditions refer on backside of test report.

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Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample No.: VEL/MH/W/01

Report No: VEL/W/2104/28/001

S. No	Parameter	Test-Method	Result	Unit	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits
20.	Phenolic Compounds	APHA, 5530 C Chloroform Extraction Method	*BDL(**DL 0.0004 mg/l)	mg/l	0.001	0.001
21.	Mineral Oil	Clause 6 of IS:3025(Part 39)	*BDL(**DL 0.05mg/l)	mg/l	0.5	No Relaxation
22.	Anionic Detergents as MBAS	Anex K, IS 13428/IS 3025 (P-68)	*BDL(**DL 0.05 mg/l)	mg/l	0.2	1.0
23.	Zinc as Zn	IS 3025 (P-65):2014(RA:2019)	*BDL(**DL 0.01 mg/l)	mg/l	5	15
24.	Copper as Cu	IS 3025 (P-65):2014(RA:2019)	*BDL(**DL 0.002 mg/l)	mg/l	0.05	1.5
25.	Manganese as Mn	IS 3025 (P-65):2014(RA:2019)	*BDL(**DL 0.01 mg/l)	mg/l	0.1	0.3
26.	Cadmium as Cd	IS 3025 (P-65):2014(RA:2019)	*BDL(**DL 0.002 mg/l)	mg/l	0.003	No Relaxation
27.	Lead as Pb	IS 3025 (P-65):2014(RA:2019)	*BDL(**DL 0.002 mg/l)	mg/l	0.01	No Relaxation
28.	Selenium as Se	IS 3025 (P-65):2014(RA:2019)	*BDL(**DL 0.001 mg/l)	mg/l	0.01	No Relaxation
29.	Arsenic as As	IS 3025 (P-65):2014(RA:2019)	*BDL(**DL 0.005 mg/l)	mg/l	0.01	No Relaxation
30.	Mercury as Hg	IS 3025 (P-65):2014(RA:2019)	*BDL (**DL 0.0005 mg/l)	mg/l	0.001	No Relaxation
31.	Total Coliform	IS 15185:2002(RA- 2016)	Absent	MPN/100ml	Shall not be detectable in any 100 ml sample	
32.	E. Coli	IS 15185:2002 (RA- 2016)	Absent	MPN/100ml	Shall not be detectable in any 100 ml sample	

Note: - This Report Complies as per IS 105000:2012 Amendment No.2 Sept 2018

*BDL-Below Detection Limit, **DL- Detection Limit

MEENKAUSHIK
(Tested By) ANALYST

SHRUTI NAYAK
(Checked By) Manager



Note: Terms & conditions refer on backside of test report.

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Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenvironet.com, bd@vardanenvironet.com

Sec-108 Recharge Pits



Sec-108 Recharge Pits



Sec-109 Recharge Pits



Sec-108 Recharge Pits



Sec-108 Recharge Pits



Sec-105 Recharge Pits



Sec-105 Recharge Pits



Sec-105 Recharge Pits





Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

ANNEXURE XIV - STP ANALYSIS

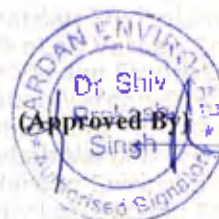
Test Report

Sample Number:	VEL/MH/WW/01	Report No.:	VEL/WW/2104/28/001
Name & Address of the Project:	M/s Mohali Hills	Format No.:	7.8 F-01
	Sector - 105, S.A.S. Nagar, Mohali,	Party Reference No.:	NIL
	Punjab - 160062	Reporting Date:	01/05/2021
Sample Description:	Waste Water Sample	Period of Analysis:	28/04/2021 to 01/05/2021
Sampling Location:	STP Plant (STP Inlet)	Receipt Date:	28/04/2021
Sample Collected by:	Vardan EnviroLab Representative	Sampling Date:	27/04/2021
Sampling & Analysis Protocol:	APHA, 23 rd Edition 2017	Preservation:	Refrigerated
		Sampling Quantity:	2.0 Ltr. + 250 ml.

S. No.	Parameter	Test Method	Result	Unit
1.	pH (at 25 °C)	APHA 4500-H+ B Electrometric Method:2017	6.74	--
2.	Total Suspended Solid	APHA 2540 D Gravimetric Method	269.62	mg/l
3.	Oil & Grease	APHA 5520 B Partition Gravimetric Method:2017	12.23	mg/l
4.	BOD (3 Days at 27 °C)	APHA, 5210 C Ultimate BOD Test:2017	127.00	mg/l
5.	COD	APHA 5220 B Open Reflux Method:2017	489.65	mg/l
6.	Electrical Conductivity	APHA 2510 B Conductivity Meter Method:2017	874.00	µS/cm
7.	Total Coliform	IS:15185:2002 (RA:2016)	1200	/100ml
8.	E-coli	IS:15185:2002 (RA:2016)	200	/100ml

MAHESH KAUSHIK
(Tested By)
SR. ANALYST

BIRNUTI NAYAK
(Checked By)
Sr. Technical Manager



Note: Terms & conditions refer on backside of test report.

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Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - S, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample Number: VEL/MH/WW/02
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062

Report No.: VEL/WW/2104/28/002
Format No.: 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Receipt Date: 28/04/2021
Sampling Date: 27/04/2021
Preservation: Refrigerated
Sampling Quantity: 2.0 Ltr. + 250 mL

Sample Description: Waste Water Sample
Sampling Location: STP Plant (STP Outlet)
Sample Collected by: Vardan EnviroLab Representative
Sampling & Analysis Protocol: APHA, 23rd Edition 2017

S. No.	Parameter	Test - Method	Result	Unit	Standards for Discharge as per CPCB		
					In-Land Surface Water	Public Sewers	Land for Irrigation
1.	pH (at 25 °C)	APHA 4500-H+ B Electrometric Method:2017	7.43	--	5.5-9.0	5.5-9.0	5.5-9.0
2.	Total Suspended Solid	APHA 2540 D Gravimetric Method	37.69	mg/l	100	600	200
3.	Oil & Grease	APHA 5520 B Partition Gravimetric Method:2017	1.04	mg/l	10.0	20.0	10.0
4.	BOD (3 Days at 27 °C)	APHA, 5210 C Ultimate BOD Test:2017	23.0	mg/l	30.0	350.0	100.0
5.	COD	APHA 5220 B Open Reflux Method:2017	83.45	mg/l	250.0	--	--
6.	Conductivity	APHA 2510 B Conductivity Meter Method:2017	765.00	µS/cm	--	--	--
7.	Total Coliform	IS:15185:2002 (RA:2016)	900	/100ml	--	--	--
8.	E-coli	IS:15185:2002 (RA:2016)	20	/100ml	--	--	--

MDENU KAUSHIK
(Tested By)

BIDHUTI NAYAK
Dy. Technical Manager
(Checked By)

Dr. Shiv
Singh
(Approved By)
Authorized Signature



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

ANNEXURE XV - AMBIENT NOISE

Test Report

Sample Number: VEL/MH/AN/01 **Report No.:** VEL/AN/2104/28/001
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062 **Format No.:** 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Sample Description : AMBIENT NOISE LEVEL MONITORING **Receipt Date:** 28/04/2021

General Information:-

Sample collected by : Vardan EnviroLab Representative
Sampling Location : Park No.1
Instrument Used : Sound Level Meter
Instrument Code : VEL/SLM/01
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 27/04/2021 to 28/04/2021
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : Min. 20.0°C, Max. 39.0°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No any
Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
Sampling Duration : 24 Hours
Parameter Required : As per work order

S. No.	Parameters	Test Method	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	L _{max}	IS -9989	65.7	54.5	dB(A)
2.	L _{min}	IS- 9989	45.6	37.8	dB(A)
3.	L _{eq}	IS -9989	52.47	42.31	dB(A)
4.	CPCB Limits in dB(*A) L _{eq} (Residential Area)		55.0	45.00	dB(A)

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

MEENU KAUSHIK
ANALYST
(Tested By)

SH. BODH SHEKHAWAT
DY. MANAGER
(Checked By)



Note: Terms & conditions refer on backside of test report.

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Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample Number: VEL/MH/AN/02 **Report No.:** VEL/AN/2104/28/002
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062 **Format No.:** 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Sample Description : AMBIENT NOISE LEVEL MONITORING **Receipt Date:** 28/04/2021

General Information:-

Sample collected by : Vardan EnviroLab Representative
Sampling Location : Park No.2
Instrument Used : Sound Level Meter
Instrument Code : VEL/SLM/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 27/04/2021 to 28/04/2021
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : Min. 20.0°C, Max. 39.0°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No any
Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
Sampling Duration : 24 Hours
Parameter Required : As per work order

S. No.	Parameters	Test Method	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	L _{max}	IS- 9989	66.8	54.6	dB(A)
2.	L _{min}	IS- 9989	46.6	38.7	dB(A)
3.	L _{eq}	IS- 9989	53.15	43.26	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential Area)		55.0	45.0	dB(A)

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

MEENAKAUSHIK
(Tested By)

SHOBH SHEKHAWAT
(Checked By)



Note: Terms & conditions refer on backside of test report.

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Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardanenviromet.com, bd@vardanenviromet.com



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana
ISO 9001|ISO 14001|ISO 45001

Test Report

Sample Number: VEL/MH/AN/03 **Report No.:** VEL/AN/2104/28/003
Name & Address of the Project: M/s Mohali Hills
Sector - 105, S.A.S. Nagar, Mohali,
Punjab - 160062 **Format No.:** 7.8 F-01
Party Reference No.: NIL
Reporting Date: 01/05/2021
Period of Analysis: 28/04/2021 to 01/05/2021
Sample Description : AMBIENT NOISE LEVEL MONITORING **Receipt Date:** 28/04/2021

General Information:-

Sample collected by : Vardan EnviroLab Representative
Sampling Location : Park No.3
Instrument Used : Sound Level Meter
Instrument Code : VEL/SLM/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 27/04/2021 to 28/04/2021
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : Min. 20.0°C, Max. 39.0°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No any
Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
Sampling Duration : 24 Hours
Parameter Required : As per work order

S. No.	Parameters	Test Method	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	L _{max}	IS-9989	61.4	52.6	dB(A)
2.	L _{min}	IS-9989	42.8	36.5	dB(A)
3.	L _{eq}	IS-9989	50.41	40.15	dB(A)
4.	CPCB Limits in dB(A) L _{eq} (Residential Area)	-	55.00	45.00	dB(A)

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

MOHNU KAUSHIK
(Tested By)

SHEKHAWAT
(Checked By)
DY. TECHNICAL MANAGER



Note: Terms & conditions refer on backside of test report.

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The Times of India Chandigarh Edition – July 25, 2020



Emaar MGF Land Limited
Sector 105, Landran-Banur Road, SAS Nagar, Mohali, 160062 Punjab

PUBLIC NOTICE

It is for the information of General Public that M/s Emaar MGF Land Limited has been granted Environmental Clearance by State Level Environment Impact Assessment Authority (SEIAA), Punjab for the development of Integrated Township namely "Mohali Hills" located at Sectors 98, 99, 104, 105, 106, 108, 109 & 110, SAS Nagar, Mohali, Punjab vide Letter No. DECC/ SEIAA/ 2020/1512 dated 19.03.2020. The copy of the Environmental Clearance is available with Environmental Clearance portal and with the Project proponent. The interested person can contact either of the two.

Rozanna Spokesman – July 25, 2020



ਐਮਆਰ ਐਮਜੀਐਫ ਲੈਂਡ ਲਿਮਟਿਡ
ਸੈਕਟਰ 105, ਲਾਂਡਰਾਂ-ਬਨੂਰ, ਐਸਏਐਸ ਨਗਰ, ਮੋਹਾਲੀ, 160062 ਪੰਜਾਬ

ਜਨਤਕ ਸੂਚਨਾ

ਆਮ ਜਨਤਾ ਨੂੰ ਸੂਚਿਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਮੈਸ. ਐਮਆਰ ਐਮਜੀਐਫ ਲੈਂਡ ਲਿਮਟਿਡ ਨੂੰ ਸਟੇਟ ਲੈਵਲ ਐਨਵਾਇਰਮੈਂਟ ਇੰਪੈਕਟ ਅਸੈਸਮੈਂਟ ਅਥਾਰਟੀ (ਐਸਈਆਈਏਏ) ਪੰਜਾਬ ਵਲੋਂ ਸੈਕਟਰ 98, 99, 104, 105, 106, 108, 109 ਅਤੇ 110, ਐਸਏਐਸ ਨਗਰ ਮੋਹਾਲੀ ਪੰਜਾਬ ਵਿਖੇ ਸਥਿਤ 'ਮੋਹਾਲੀ ਹਿੱਲਜ਼' ਨਾਂ ਦੀ ਇੰਟੀਗਰੇਟਿਡ ਟਾਊਨਸ਼ਿਪ ਦੀ ਡਿਵੈਲਪਮੈਂਟ ਲਈ ਲੈਟਰ ਨੰ. DECC/SEIAA/2020/1512 ਅਨੁਸਾਰ ਮਿਤੀ 19.03.2020 ਨੂੰ ਐਨਵਾਇਰਮੈਂਟਲ ਕਲੀਅਰੈਂਸ ਗ੍ਰਾਂਟ ਹੋ ਚੁੱਕੀ ਹੈ। ਐਨਵਾਇਰਮੈਂਟਲ ਕਲੀਅਰੈਂਸ ਦੀ ਕਾਪੀ ਐਨਵਾਇਰਮੈਂਟਲ ਕਲੀਅਰੈਂਸ ਪੋਰਟਲ ਦੇ ਕੋਲ ਅਤੇ ਪ੍ਰੋਜੈਕਟ ਪ੍ਰੋਪੋਨੈਂਟ ਕੋਲ ਉਪਲਬਧ ਹੈ। ਇਛੁਕ ਵਿਅਕਤੀ ਦੋਨਾਂ ਵਿਚੋਂ ਕਿਸੇ ਇਕ ਨਾਲ ਵੀ ਸੰਪਰਕ ਕਰ ਸਕਦੇ ਹਨ।