EMAAR

INDIA

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: **Construction of proposed Residential Plotted Colony at Village Maidawas, Sector-65 & 66, Gurgaon, Haryana by M/s Emaar India Limited – Submission of Six-monthly Compliance Report – June 2021.**

Ref.: Environment Clearance Letter No. SEIAA/HR/2013/1525 dated 24.12.2013

Dear Sir,

With regards to the above-mentioned subject and reference, we are hereby submitting soft copy of six-monthly Compliance Report for our proposed Residential Plotted Colony at Village Maidawas, Sector-65 & 66, Gurgaon for **June 2021**.

We hope the above meets your requirement.

Thanks and Regards,

For M/S EMAAR INDIA LIMITED

(Authorized Signatory)

Encl: As stated

CC:
1. State Environmental Impact Assessment Authority, Bay No. 55-58, Paryatan Bhawan, Sector-2, Panchkula, Haryana – 134 151.
2. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula, Haryana – 134 109.

SIX MONTHLY REPORT

Status of Environmental Clearance

Project Name: Construction of proposed Residential Plotted Colony at Village Maidawas, Sector-65 & 66, Gurgaon, Haryana

Environmental Clearance No. : No. SEIAA/HR/2013/1525 dated 24.12.2013

Part A: Specific Conditions

I. Construction Phase : The project has obtained Occupation Certificate for partial project on 03.06.2019, hence both construction and operation phase is applicable**.**

S.No.	Specific Condition	Status
1	"Consent for Establish" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the start of any construction work at site.	Renewed Consent to Establish for the project has been obtained vide letter No. No. HSPCB/Consent/ : 329962318GUNOCTE5707865 dated 16/10/2018 (valid till 23.12.2020) from Haryana State Pollution Control Board and already submitted.
2	A First Aid Room as proposed in project report will be provided both during construction and operation of the project.	First Aid facility provided at Project site.
3	Adequate drinking water & sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by laboures is strictly prohibited. The safe disposal of wastewater & solid wastes generated during construction phase should be ensured.	Potable water and sanitary facilities are maintained at project site. Drinking water report is enclosed as **Annexure 1.**
4	All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	Excavated soil has been used in landscaping purpose.
5	The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on neighboring communities & should be disposed-off taking necessary precautions for general safety & health aspects of people, only in approved sites with the approval of competent authority.	Building material required during construction is being stored at designated place. All the necessary actions are being taken while disposing construction waste to prevent any adverse effect. Site photograph is enclosed as **Annexure 2**
6	Construction spoils including bituminous material & other hazardous materials must not be allowed to contaminate watercourse & dump sites for such material must be secured so that they should not leach into groundwater, and any hazardous waste generated during construction phase should be disposed off as per applicable rules & norms with necessary approval of the HSPCB.	Waste oil from DG sets generated during construction phase being stored in earmarked covered area. Hence there is no contamination of water course and no leaching into groundwater. Soil analysis report is enclosed as **Annexure 3**
7	The diesel generator sets to be used during construction phase should be of ultra low sulphur diesel type & should conform to Environment (Protection) Rules prescribed for air & noise emission standards.	Diesel power generating set are enclosed type and conforms to rules made under Environment (Protection) Act prescribed for air and noise emission standards. Copy

S.No.	Specific Condition	Status
		of report for DG stack emission and DG area noise is attached as **Annexure 4** & **Annexure 5**, respectively.
8	The diesel required for operating DG Sets shall be stored in underground tanks & if required, clearance from Chief Controller of Explosives shall be taken.	Adequate provision is made for storage of diesel. Permission from Chief Controller of Explosives is being obtained.
9	Ambient noise levels should conform to residential standards both during day & night. Incremental pollution loads on ambient air and noise quality should be closely monitored during construction phase. Adequate measure should be taken to reduce ambient air & noise level during construction phase, so as to conform to stipulated residential standards.	Ambient air and noise level monitoring is carried out at project site. Copy of reports is attached as **Annexure 6** & **Annexure 7**, respectively.
10	Fly ash should be used as building material in construction as per the provisions of Fly Ash Notification of September 1999 & amended as on 27.08.2003.	Fly ash based ready mix concrete is being utilized for construction.
11	Storm water control and its reuse as per CGWB and BIS standards for various applications should be ensured.	Storm water channelized through storm drainage system to rain water harvesting (RWH) pits as per CGWB norms for which permission has already been submitted.
12	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents & other best practices.	Best practices are being adopted to reduce water demand. Pre-mixed concrete is being used at site.
13	In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/utility provides indicating source of water supply and quantity of water with details of intended use of water - potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and RO MoEF, Chandigarh before the start of construction.	Potable and non-potable water for the project is being taken from the sources specified by HUDA.
14	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.	Energy conservation measures will be adopted.
15	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Optimum window sizes and openings provided on external face of the building. Window to wall ratio WWR 0.4. Glass surfaces protected by overhangs.
16	The approval of competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc. If any forest land is involved in proposed site, clearance under Forest Conservation Act shall be obtained from the Competent Authority.	Necessary approvals will be obtained for structural safety and adequacy of firefighting equipment if applicable as it is a plotted development. No forest land is involved in the proposed project. Copy of DC NOC for Aravalli & Forest NOC has already been submitted with previous compliance report.
17	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the	For construction purposes treated wastewater from designated location by HUDA is being utilized. Water

S.No.	Specific Condition	Status
	project development. Project proponent shall incorporate water efficiency/savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MoEF, GOI, Chandigarh.	efficient fixtures will be used in plumbing works as saving measures during operational phase.
18	The Project proponent as stated in the proposal shall construct 110 rain water harvesting pits for recharging the groundwater within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.	We have taken permission to construct 177 nos. of rain water harvesting pits which is being constructed along with progress of construction of project.
19	The project proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instructions issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required.	The same has been adhered. Fire NOC not applicable as being low rise.
20	The Project Proponent shall submit assurance from the DHBVN for supply of 17.5 MVA of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	The project has a sanctioned load of 1 MVA and an additional 1 MVA has been applied.
21	Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	The same is being adhered.
22	The Project Proponent shall not raise any construction in the natural land depression *I* Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed.	The same has been adhered
23	The Project Proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project as per prescribed by-laws. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding.	The same has already been taken into account while designing of building blocks and accordingly plinth level of the buildings are provided.
24	Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.	The same is being adhered.
25	The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.	There is no source of ground water at the project site. Only treated water is being used.
26	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	The permission from Forest Department has been taken for cutting tree that was obstructing the access to the site. Suitable amount has already been deposited with Forest Department for compensatory afforestation and permission submitted with previous compliance report.
27	The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECBC norms.	The same is being adhered
28	The project proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during	The same is being adhered.

S.No.	Specific Condition	Status
	construction.	
29	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Same is being adhered
30	The project proponent shall provide proper Rasta of proper width and proper strength for each project before the start of construction.	Same is being adhered
31	The project proponent shall ensure that the U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.	Same is being adhered
32	The project proponent shall adequately control construction dusts like silica dust, non-silica dust, wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.	PPE's are provided to all construction workers. Water sprinkling at adequate interval is done to minimize the dust generation due to construction work.
33	The project proponent shall provide one refuse area till 24 meter as per National Building Code.	Not applicable as being low rise villas.
34	The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.	Not applicable as being low rise villas.
35	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Permission for excavation of soil obtained from Mines and Geology Dept. Copy already submitted.
36	The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/Local authorities beside other required services before taking up any construction activity.	The same is being adhered.
37	The site for solid waste management plant be earmarked on the layout plan and the detailed project for setting up the solid waste management plant shall be submitted to the Authority within one month.	SWM location has already been shown in the Layout plan submitted to SEAC & SEIAA.
38	The project proponent shall discharge excess of treated wastewater/storm water in the public drainage system and shall seek permission of HUDA before the start of construction.	The same will be adhered.
39	The project proponent shall ensure that no construction activity is undertaken and no service is laid either on surface or below or above surface of revenue rasta passing through the project area.	The same is being adhered.
40	The project proponent shall indicate the width and length of revenue rasta passing through the project area on sign board and shall display the same at both the ends of revenue rasta stretch, for awareness of public. Sign board shall also display the message that this is public rasta/road and any citizen can use it. There shall not be any gate with or without guards on revenue rasta.	There is no revenue rasta in the project.
41	The project proponent shall ensure that natural flow of existing nallah is never obstructed and shall seek NOC from HUDA/Irrigation/Relevant authority regarding this before the start of the construction.	NOC from Irrigation Department has already been submitted.
42	The project proponent shall ensure that in case of excessive flow of water in, nallah, the structural integrity of building along-side the nallah is not breached in any circumstances.	The same will be adhered.
43	The project proponent shall ensure that there should not be any water logging on the bed of nallah even in case of excessive rain.	The same is being adhered.
44	The project proponent shall ensure that sewerage pipe line should not cross over the nallah and project proponent shall maintain separate STP in the	The same is being adhered.

S.No.	Specific Condition	Status
	plot area across the nallah.	
45	The project proponent shall ensure that sewerage line shall be planned by taking into account the natural slope and gravity of original land.	The same is being adhered.
46	The project proponent shall ensure that bed of nallah is not encroached in any manner, while constructing the culvert over the nallah.	The same is being adhered.
47	The project proponent shall ensure plinth level of the building block is 1.5 meter above 100 years flood level.	The same is being adhered.
48	The project proponent shall provide pervious surface instead of impervious and hard surface in order to reduce overflow water in nallah.	Pervious surfaces will be provided wherever required.
49	The project will have the provision of infrastructure services (water supply, sewer, storm water lines etc) to accommodate the additional load arising from population residing in other lands falling within the project limits/vicinity.	The same is being adhered. All infrastructure have been adequately designed for shock loads.
50	The project proponent shall provide water supply @135 lpcd water balance diagram, sewerage and STP etc. shall also be revised accordingly as per the revised calculations submitted.	Revised water balance, sewerage and STP based on 135 lpcd submitted to SEIAA during appraisal.
51	The project proponent shall develop complete civic infrastructure of the plotted colony including internal roads, green belt development, sewerage line, Rain water recharge arrangements, storm water drainage system, solid waste management site and provision for treatment of bio-degradable waste, STP, water supply line, dual plumbing line, electric supply lines etc. and shall offer possession of the plots thereafter.	Will be adhered to.
52	Vertical fenestration shall not exceed 40% of total wall area.	The same is being adhered.

II. Operation Phase

S.No.	Specific Condition	Status
a	"Consent to Operate" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.	Partial Consent to Operate has been obtained and same is enclosed as **Annexure 8**
b	The Sewage Treatment Plant (STP) shall be installed for treatment of the sewage to the prescribed standards including odour & treated effluent will be recycled to achieve zero exit discharge. The installation of STP shall be certified by an independent expert and a report in this regard should be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of wastewater is mandatory. Discharge of treated sewage shall conform to the norms and standards of HSPCB, Panchkula. Project Proponent shall implement such STP technology which does not require filter backwash.	The same is being adhered. STP is certified by independent expert. STP analysis report is enclosed as **Annexure 9**
c	Separation of grey & black water should be done by use of dual plumbing line. Treatment of 100% gray water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 10 mg/litre & the recycled water will be used for flushing, gardening & DG set cooling etc.	The same is being adhered
d	For disinfections of treated waste water ultra-violet radiation or ozonization process should be used.	The same is being adhered
e	Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and for domestic use should be of enclosed type & conform to rules made under Environment (Protection) Act 1986. The location of DG Sets shall be in the basement as promised by the project	The same is being adhered.

	proponent with appropriate stack height i.e. above the roof level as per the CPCB norms. The diesel used for DG sets should be ultra low sulphur diesel (50 ppm sulphur), instead of low sulphur diesel.	
f	Ambient noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the proposed residential plotted colony.	The same is being adhered. Ambient noise level report is enclosed as **Annexure 7**
g	The project proponent as stated in the proposal should maintain at least 30.2% as green cover area for tree plantation especially all around periphery of the project and on road sides preferably with local species which can provide protection against noise and suspended particulate matter. The open spaces inside the project shall be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.	The same is being adhered. Presently, approx. 33% area is green cover with mostly local species.
h	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.	The same is being followed.
i	Rainwater harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging surface run-off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil & grease. The bore well for rainwater recharging should be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid rain water harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mess and filters should be used wherever required.	The same is being adhered. Pre-treatment is done using desilting chamber.
j	The ground water level & its quality should be monitored regularly in consultation with Central Ground Water Authority.	This is not applicable as there is no borewell present at site.
k	A report on energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to SEIAA, Haryana in three months time.	Energy conservation norms have been incorporated. Building materials R & U factors have already been submitted to SEIAA during project appraisal.
l	Energy conservation measures like installation of LED for lighting the areas outside the building and inside the building should be integral part of project design & should be in place before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.	The same is being adhered. LED and Solar lights panels have been used for common areas and photographs. The photographs have been submitted with previous compliance report.
m	The project proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project proponent shall also provide halon free fire suppression system.	The same is being adhered.
n	The solid waste generated should be properly collected & segregated as per the requirement of the MSW Rules, 2000 & as amended from time to time. The bio-degradable waste should be treated by appropriate technology at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Organic Waste Converter (OWC) will be installed at site once occupancy increases for treatment of biodegradable waste as per provision of MSW Rules, 2016
o	The provision of Solar water heating system shall be as per norms specified by HAREDA & shall be made operational in each building block.	Decentralized solar energy generation is being planned as per latest guideline of HAREDA.
p	The traffic plan & parking plan proposed by the PP should be meticulously adhered to with further scope of additional parking for future requirement.	The same is being adhered.

	There should be no traffic congestion near the entry & exit points from the roads adjoining the proposed project site. Parking should be fully internalized & no public space should be used.	
q	The project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.	The domestic water supply is already operational at site.
r	Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.	The same will be adhered to.
s	Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and Battery waste shall be disposed of as per existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent should maintain a collection center for E-waste and it should be disposed of to only registered and authorized dismantler / recycler.	The same will be adhered to.
t	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.	Will be adhered to.
u	The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall also identify acceptable outfall for treated effluent.	Will be adhered to.
v	The project proponent shall ensure that the stack height of DG sets is as per the CPCB guide lines and also ensure that the emission standards of noise and air are within the CPCB prescribed limits. Noise and Emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets.	Stack height of 30.0 m with acoustic enclosure is present at the site.
w	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	The same is being adhered.
x	The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.	The same is being adhered.
y	The project proponent shall use only treated water instead of fresh water for HVAC and DG cooling. The Project Proponent shall also use evaporative cooling technology and double stage cooling system for HVAC in order to reduce water consumption. Further temperature, relative humidity during summer and winter seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance, as well as optimal integrated point load value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.	The same is being adhered.
z	The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer's certificate also for that.	The same is being adhered.
aa	Water supply shall be metered among different users of utilities.	The same is being adhered.
ab	The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-water under any meteorological conditions.	The same is being adhered.
ac	The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.	Sprinkling is done by tankers.
ad	The project proponent shall get the inspection of nallah before the onset of monsoon season every year from Irrigation Department.	There is no nallah in the project area.

ae	The project proponent shall not discharge untreated water in the nallah and also shall not throw any solid waste in the nallah.	The same will be adhered.
af	The project proponent shall ensure proper Air ventilation and light system in the basements area, for comfortable living of human being and shall ensure that number of air changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.	The same will be adhered.

Part B: General Conditions

S.No.	General Condition	Status
i	The Project Proponent shall ensure the commitment made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter & spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.	Noted
ii	The project proponent shall also submit Six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the northern Regional Office of MoEF, the respective Zonal office of CPCB, HSPCB and SEIAA Haryana.	Noted
iii	STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.	The same will be adhered.
iv	The SEIAA Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF.	Noted
v	The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.	Noted
vi	All other statutory clearances such as approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, PLPA,1900, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.	Noted
vii	The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.	Copy of public notice published in newspaper submitted at your office.
viii	Under the provisions of Environment (Protection) Act 1986, legal action shall be initiated against the Project Proponent if it was found that construction of the project has been started before obtaining prior Environmental Clearance.	Noted
ix	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
x	The project proponent shall put in place Corporate Environment Policy as mentioned in MoEF, GOI OM No. J-11013/41/2006-IA II (I) dated 26.4.2012 within 3 months period. Latest Corporate Environment Policy should be submitted to SEIAA within 3 months of issuance of this letter.	Noted

S.No.	General Condition	Status
xi	The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO MOEF GOI under rules prescribed for Environment Audit.	Noted
xii	The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28.11.1997.	The same is being adhered.
xiii	The Project Proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority.	The same is being adhered..
xiv	The project proponent is responsible for compliance of all conditions in Environmental Clearance letter and project proponent can not absolve himself /herself of the responsibility by shifting it to any contractor engaged by project proponent.	Noted
xv	The project proponent shall seek fresh Environmental clearance if at any stage there is change in the planning of the proposed project.	Noted
xvi	Besides the developer/applicant, the responsibility to ensure the compliance of Environmental Safeguards/conditions imposed in the Environmental Clearance letter shall also lie on the licensee/licensees in whose name/names the license/CLU has been granted by the Town & Country Planning Department, Haryana.	Noted
xvii	The proponent shall upload the status of compliance of stipulated Environment Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and SPCB. The criteria pollutant levels namely SPM, RSPM, SO_2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be company in the public domain.	The same is being adhered.
xviii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the HSPCB Panchkula as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of the EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	The same is being adhered.

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

Test Report

Sample Number:	**VEL/MB/W/01**	**Report No.:**	**VEL/W/2104/08/002**
Name & Address of Project:	**M/s Marbella Sector – 65/66, Gurugram, (Haryana).**	**Format No.:**	**7.8 F-01**
		Party Reference No.:	**NIL**
		Reporting Date:	**14/04/2021**
		Period of Analysis:	**08/04/2021 to 14/04/2021**
		Receipt Date:	**08/04/2021**
Sample Description:	**Drinking Water**	**Sampling Date:**	**07/04/2021**
Sampling Location:	**Near Sub Station (R.O)**	**Type of Sampling:**	**Grab**
Sample Collected by	**Vardan EnviroLab Representative**	**Sampling Quantity:**	**5.0 L+250ml.**
Sampling & Analysis Protocol:	**APHA & IS**	**Preservation:**	**Refrigerated**

S. No.	Parameter	Test-Method	Result	Unit	Requirement as per IS:10500 -2012#	
					Acceptable Limits	Permissible Limits
1.	pH (at 25 ^{0}C)	APHA ,4500-H^+ B Electrometric Method	7.40	--	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, Nephlelometric 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	69.32	mg/l	200	600
7.	Calcium as Ca	APHA, 3500 Ca B, EDTA Titrimetric Method	17.36	mg/l	75	200
8.	Alkalinity as $CaCO_3$	APHA , 2320 B, Titrimetric Method	85.32	mg/l	200	600
9.	Chloride as Cl	APHA, 4500-Cl^- B, Argentometric Method	10.32	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	6.31	mg/l	30	100
12.	Total Dissolved Solids	APHA , 2540 C, Gravimetric Method	125.00	mg/l	500	2000
13.	Sulphate as SO_4	APHA , 4500 E, Turbidimetric Method	4.83	mg/l	200	400
14.	Fluoride as F	APHA , 4500-F^- D, SPADNS Method	0.14	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 (Part-65)	*BDL(**DL 0.01 mg/l)	mg/l	1.0	No relaxation
17.	Aluminium as Al	IS 3025 (Part-65)	*BDL(**DL 0.002 mg/l)	mg/l	0.03	0.2
18.	Boron	IS 3025 (Part-65)	*BDL(**DL 0.01 mg/l)	mg/l	0.5	2.4
19.	Total Chromium as Cr	IS 3025 (Part-65)	*BDL(**DL 0.002 mg/l)	mg/l	0.05	No Relaxation

(Tested By) KARTHAN SHARMA Jr. Lab Analyst

(Checked By) DR. BIBHUTI NAYAK Manager

(Approved By) Dr. Shiv

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

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

Test Report

Sample No.: VEL/MB/W/01 | **Report No: VEL/W/2104/08/002**

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	0.002
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 (Part-65)	*BDL(**DL 0.01 mg/l)	mg/l	5	15
24.	Copper as Cu	IS 3025 (Part-65)	*BDL(**DL 0.002 mg/l)	mg/l	0.05	1.5
25.	Manganese as Mn	IS 3025 (Part-65)	*BDL(**DL 0.01 mg/l)	mg/l	0.1	0.3
26.	Cadmium as Cd	IS 3025 (Part-65)	*BDL(**DL 0.002 mg/l)	mg/l	0.003	No Relaxation
27.	Lead as Pb	IS 3025 (Part-65)	*BDL(**DL 0.002 mg/l)	mg/l	0.01	No Relaxation
28.	Selenium as Se	IS 3025 (Part-65)	*BDL(**DL 0.001 mg/l)	mg/l	0.01	No Relaxation
29.	Arsenic as As	IS 3025 (Part-65)	*BDL(**DL 0.005 mg/l)	mg/l	0.01	No Relaxation
30.	Mercury as Hg	IS 3025 (Part-65)	*BDL (**DL 0.0005 mg/l)	mg/l	0.001	No Relaxation
31.	Total Coliform	IS 15185:2002(RA- 2016)	Absent	/100ml	Shall not be detectable in any 100 ml sample	
32.	E. Coli	IS 15185:2002 (RA- 2016)	Absent	/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

KANCHAN SHARMA
Lab Analyst
(Tested By)

(Checked By)

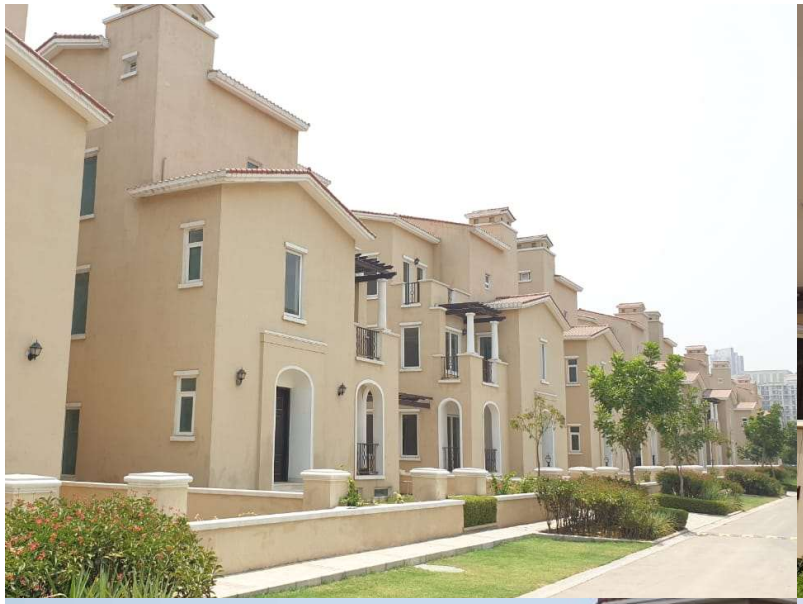
(Approved By)

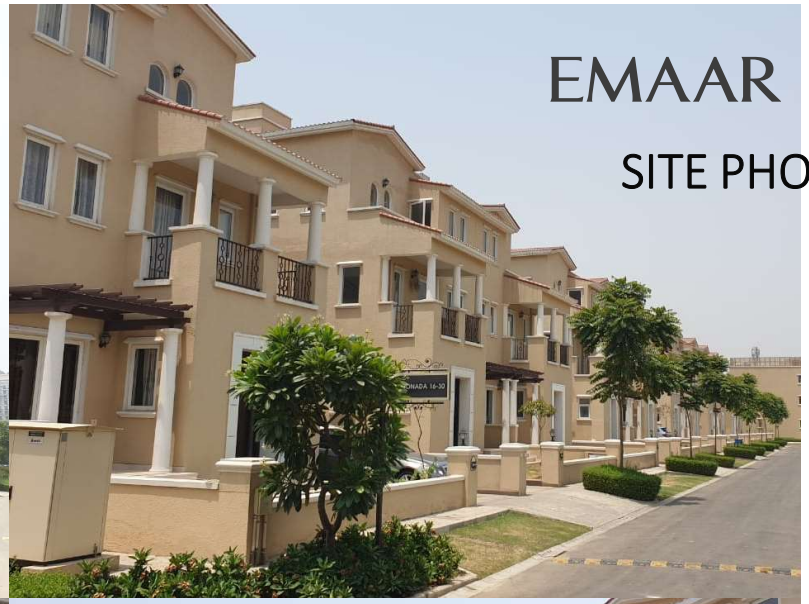
Note: Terms & conditions refer on backside of test report.

ANNEXURE 2

EMAAR

SITE PHOTOGRAPHS





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

Test Report

Sample Number:	**VEL/MB/S/01**	**Report No.:**	**VEL/S/2104/08/002**
Name & Address of Party:	**M/s Marbella Sector – 65/66, Gurugram, (Haryana)**	**Format No.:**	**7.8 F-01**
		Party Reference No.:	**NIL**
		Reporting Date:	**14/04/2021**
		Period of Analysis:	**08/04/2021 to 14/04/2021**
Sample Description:	**Soil Sample**	**Receipt Date :**	**08/04/2021**
Sampling Location:	**Garden Area**	**Sampling Date:**	**07/04/2021**
Packing Status:	**Temp Sealed**	**Type of Sampling:**	**Composite**
Sampling & Analysis Protocol:	**IS 2720 & SOP**	**Sampling Quantity:**	**2.0 Kg**

S. No.	Parameter	Test-Method	Result	Unit
1.	**pH (at 25 ^{0}C)**	IS : 2720 (P-26) by pH Meter	7.85	--
2.	**Conductivity**	IS:14767 by Conductivity meter	0.319	mS/cm
3.	**Soil Texture**	*SOP , SP-87,Issue No.-01& Issue Date-14/02/2013	Silty Loam	--
4.	**Color**	*SOP , SP-78,Issue No.-01& Issue Date-14/02/2013	Yellowish Brown	--
5.	**Water holding capacity**	*SOP , SP-81,Issue No.-01& Issue Date-14/02/2013	33.45	%
6.	**Bulk density**	*SOP , SP-80,Issue No.-01& Issue Date-14/02/2013	1.36	gm/cc
7.	**Chloride as Cl**	*SOP , SP-85,Issue No.-01& Issue Date-14/02/2013	25.63	mg/100g
8.	**Calcium as Ca**	*SOP , SP-82,Issue No.-01& Issue Date-14/02/2013	30.47	mg/100g
9.	**Sodium as Na**	*SOP , SP-84,Issue No.-01& Issue Date-14/02/2013	63.14	mg/kg
10.	**Potassium as K**	*SOP , SP-84,Issue No.-01& Issue Date-14/02/2013	132.74	kg/hec.
11.	**Organic Matter**	IS:2720 (P-22) Titrimetric Method	0.53	%
12.	**Magnesium as Mg**	*SOP , SP-83,Issue No.-01& Issue Date-14/02/2013	18.58	mg/100g
13.	**Available Nitrogen as N**	IS:14684 Distillation Method	169.63	kg./hec.
14.	**Available Phosphorus**	*SOP , SP-86,Issue No.-01& Issue Date-14/02/2013	19.21	kg./hec.
15.	**Zinc (as Zn)**	USEPA 3050B	16.98	mg/kg
16.	**Manganese (as Mn)**	USEPA 3050B	9.52	mg/kg
17.	**Lead (as Pb)**	USEPA 3050B	1.28	mg/kg
18.	**Cadmium (as Cd)**	USEPA 3050B	0.89	mg/kg
19.	**Chromium (as Cr)**	USEPA 3050B	0.93	mg/kg
20.	**Copper (as Cu)**	USEPA 3050B	5.51	mg/kg

*SOP-Laboratory standard operating procedure.

(Tested By)
KANCHAN SHARMA
Analyst

BIBHUTI NAYAK
Dy. Technical Manager
(Checked By)

VARDAN ENVIRO LAB
Dr. Shiv Prakash Singh
(Approved By)
Authorised Signatory

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

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/MB/ST/01	**Report No.:**	VEL/ST/2104/08/002
Name & address of the Project:	M/s Marbella Sector – 65/66, Gurugram, (Haryana).	**Format No.:**	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	12/04/2021
		Period of Analysis:	08/04/2021 to 12/04/2021
		Receipt Date:	08/04/2021

Sample Description : Stack Emission Monitoring

General Information		
Sampling Location	:	DG Set Area
Sample Collected by	:	Vardan EnviroLab Representative
Date of Sampling	:	07/04/2021
Sampling Duration (Minutes)	:	40.0
Stack attached to	:	DG Set (2000 KVA)
Make of stack	:	Metal
Diameter of stack (m)	:	0.50 Mtr.
Height of stack (m)	:	30.0 Mtr.
Instruments calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature – Ta (°C)	:	32.0
Temperature of stack Gases – Ts (°C)	:	185.0
Velocity of stack Gases (m/sec.)	:	8.75
Flow rate of PM (LPM)	:	24.0
Flow rate of Gas (LPM)	:	2.0
Sampling condition	:	Isokinetic
Protocol used	:	IS :11255

RESULTS

S.No.	Parameters	Test Method	Results	Units	Limits as per CPCB
1.	PM (at 15 % O_2 Correction)	IS: 11255 (P-1), Gravimetric Method, RA: 2003	58.32	mg/Nm^3	75.00
2.	Sulphur Dioxide (as SO2)	IS: 11255 (P-2), Titrimetric Method, RA: 2003	26.14	mg/Nm^3	Not Specified
3.	NOX (at 15 % O_2 Correction)	IS: 11255 (P-7), Colorimetric Method, RA: 2012	201.24	ppmv	710.0
4.	Carbon Monoxide (as O_2) (at 15 % O_2 Correction)	SOP, SP-74, Issue No.01: 2018	51.36	mg/Nm^3	150.0
5.	NMHC (at 15 %O_2 Correction)	SOP, SP-74, Issue No.01: 2018	22.14	mg/Nm^3	300.0

(Tested By) KANCHAN SHARMA

BIBHUTI NAYAK
Dy. Manager
(Checked By)

VARDAN ENVIROLAB
Dr. Shiv Singh
Authorised Signatory
(Approved By)

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

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

Test Report

Sample Number:	VEL/MB/ST/01	**Report No.:**	VEL/ST/2104/08/002
Name & address of the Project:	M/s Marbella Sector – 65/66, Gurugram, (Haryana).	**Format No.:**	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	12/04/2021
		Period of Analysis:	08/04/2021 to 12/04/2021
		Receipt Date:	08/04/2021

Sample Description : Stack Emission Monitoring

General Information		
Sampling Location	:	DG Set Area
Sample Collected by	:	Vardan EnviroLab Representative
Date of Sampling	:	07/04/2021
Sampling Duration (Minutes)	:	47.0
Stack attached to	:	DG Set No. – 2 (1010 KVA)
Make of stack	:	Metal
Diameter of stack (m)	:	0.50 Mtr.
Height of stack (m)	:	30.0 Mtr.
Instruments calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature – Ta (°C)	:	32.0
Temperature of stack Gases – Ts (°C)	:	171.0
Velocity of stack Gases (m/sec.)	:	7.5
Flow rate of PM (LPM)	:	22.0
Flow rate of Gas (LPM)	:	2.0
Sampling condition	:	Isokinetic
Protocol used	:	IS :11255

RESULTS

S.No.	Parameters	Test Method	Results	Units	Limits as per CPCB
1.	PM (at 15 % O_2 Correction)	IS: 11255 (P-1), Gravimetric Method, RA: 2003	48.14	mg/Nm^3	75.00
2.	Sulphur Dioxide (as SO2)	IS: 11255 (P-2), Titrimetric Method, RA: 2003	21.01	mg/Nm^3	Not Specified
3.	NOX (at 15 % O_2 Correction)	IS: 11255 (P-7), Colorimetric Method, RA: 2012	164.15	ppmv	710.0
4.	Carbon Monoxide (as O_2) (at 15 % O_2 Correction)	SOP, SP-74, Issue No.01: 2018	48.23	mg/Nm^3	150.0
5.	NMHC (at 15 %O_2 Correction)	SOP, SP-74, Issue No.01: 2018	15.45	mg/Nm^3	100.0

KANCHAN SHARMA
(Tested By)
Jr. Lab Analyst

BIBHUTI NAYAK
(Checked By)
Dy. Technical Manager

VARDAN ENVIRO LAB
Dr. Shiv Prakash Singh
(Approved By)
Authorised Signatory

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

www.vardan.co.in

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

Test Report

Sample Number:	VEL/MB/PN/01	**Report No.:**	VEL/PN/2104/08/002
Name & Address of Party:	M/s Marbella Sector – 65/66, Gurugram, (Haryana).	**Format No.:**	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	12/04/2021
		Period of Analysis:	08/04/2021 to 12/04/2021
		Receipt Date:	08/04/2021
Sample Description:	DG NOISE MONITORING		

General Information:-

Sample collected by	:	Vardan EnviroLab Representative
Sampling Location	:	DG Set (1010 KVA)
Instrument Used	:	Sound Level Meter
Instrument Code	:	VEL/SLM/04
Instrument Calibration Status	:	Calibrated
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	07/04/2021
Scope of Monitoring	:	Regulatory Requirement
Control measure if Any	:	No any
Sampling & Analysis Protocol	:	IS 9989
Sampling Duration	:	30 Minutes.
Parameter Required	:	As Per Work Order

S. No.	Parameters	Protocol	Result dB(A)		
			Open the Canopy of DG Set Result dB(A)	Close the Canopy of DG Set (0.5 Meter Distance) Result dB(A)	Insertion Loss
1.	L_{eq}	IS-9989	97.4	71.8	25.6
2.	CPCB Limits in dB (*A)	-	--	75.00	25.00

(Tested By)
KANCHAN SHARMA
Jr. Lab Analyst

(Checked By)
BIBHUTI NAYAK
Dy. Technical Manager

(Approved By)
Dr. Shiv Singh
VARDAN ENVIROLAB Authorised Signatory

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

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/MB/PN/02	**Report No.:**	VEL/PN/2104/08/003
Name & Address of Party:	M/s Marbella Sector – 65/66, Gurugram, (Haryana).	**Format No.:**	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	12/04/2021
		Period of Analysis:	08/04/2021 to 12/04/2021
		Receipt Date:	08/04/2021
Sample Description:	DG NOISE MONITORING		

General Information:-

Sample collected by	:	Vardan EnviroLab Representative
Sampling Location	:	DG Set (2000 KVA)
Instrument Used	:	Sound Level Meter
Instrument Code	:	VEL/SLM/04
Instrument Calibration Status	:	Calibrated
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	07/04/2021
Scope of Monitoring	:	Regulatory Requirement
Control measure if Any	:	No any
Sampling & Analysis Protocol	:	IS 9989
Sampling Duration	:	30 Minutes.
Parameter Required	:	As Per Work Order

S. No.	Parameters	Protocol	Result dB(A)		
			Open the Canopy of DG Set Result dB(A)	Close the Canopy of DG Set (0.5 Meter Distance) Result dB(A)	Insertion Loss
1.	L_{eq}	IS-9989	96.1	70.7	25.4
2.	CPCB Limits in dB (A)	-	--	75.00	25.00

KANCHAN SHARMA
(Tested By)
Jr. Lab Analyst

BIBHUTI NAYAK
Dy. Technical Manager
(Checked By)

VARDAN ENVIROLAB
Dr. Shiv Prakash Singh
Authorised Signatory
(Approved 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/MB/A/01	**Report No.:**	VEL/A/2104/08/002
Name & Address of the Project:	M/s Marbella Sector – 65/66, Gurugram, (Haryana)	**Format No.:**	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	12/04/2021
		Period of Analysis:	08/04/2021 to 12/04/2021
		Receipt Date:	08/04/2021

Sample Description: AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	:	Near Sub Station
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	:	07/04/2021 to 08/04/2021
Time of Monitoring	:	12:30 PM to 12:30 PM
Ambient Temperature (°C)	:	Min. 27.0°C, Max. 29.0°C
Surrounding Activity	:	Human & Vehicular Activities
Scope of Monitoring	:	Regulatory Requirement
Sampling & Analysis Protocol	:	IS : 5182 & CPCB Guidelines
Sampling Duration	:	24 Hours.
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	176.14	$\mu g/m^3$	100
2.	Particulate Matter (as PM – 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	95.42	$\mu g/m^3$	60
3.	Nitrogen Dioxide (as NO_2)	IS: 5182 (P-6), Jacob &Hochheiser, RA:2006	26.25	$\mu g/m^3$	80
4.	Sulphur Dioxide (as SO_2)	IS: 5182 (P-2), Modified West and Gaeke, RA:2012	15.52	$\mu g/m^3$	80
5.	Carbon Monoxide (as CO)	IS: 5182 (P-10), Gas Chromatography, RA:2003	0.83	mg/m^3	4.0
6.	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL0.05 $\mu g/m^3$)	$\mu g/m^3$	1.0

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

(Tested By) (Checked By) (Approved By)

VARDAN ENVIROLAB Dr. Shiv Prakash Singh Authorised Signatory

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

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

Test Report

Sample Number:	VEL/MB/AN/01	**Report No.:**	VEL/AN/2104/08/002
Name & Address of Party:	M/s Marbella Sector – 65/66, Gurugram, (Haryana).	**Format No.:**	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	12/04/2021
		Period of Analysis:	08/04/2021 to 12/04/2021
		Receipt Date:	08/04/2021

Sample Description : AMBIENT NOISE LEVEL MONITORING

General Information:-

Sample collected by	:	Vardan EnviroLab Representative
Sampling Location	:	Near Main Gate
Instrument Used	:	Sound Level Meter
Instrument Code	:	VEL/SLM/03
Instrument Calibration Status	:	Calibrated
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	07/04/2021 to 08/04/2021
Time of Monitoring	:	06:00 AM to 06:00 AM
Ambient Temperature (°C)	:	Min. 27.0°C, Max. 29.0°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	58.7	dB(A)
2.	L_{min}	IS- 9989	44.6	37.3	dB(A)
3.	L_{eq}	IS -9989	51.47	42.15	dB(A)
4.	CPCB Limits in dB(*A) Leq (Residential Area)	-	55.00	45.00	dB(A)

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

Archan KANCHAN SHARMA (Tested By) Jr. Lab Analyst

Dy. Technical Manager (Checked By)

VARDAN ENVIROLAB Dr. Shiv Singh (Approved By) Authorised Signatory

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

ANNEXURE 8

HARYANA STATE POLLUTION CONTROL BOARD
Gurgoan North Vikas Sada, 1st Floor,
Near DC Court, Gurgaon Ph.0124-2332775
E-mail: hspcb.pkl@sify.com

No. HSPCB/Consent/ : 329962319GUNOCTO6969297 **Dated:10/11/2019**

To.

M/s :Residential Plotted Colony
Village- Maidawas, Sector 65 & 66, Gurgaon

Subject: Grant of consent to operate to M/s Residential Plotted Colony.

Please refer to your application no. 6969297 received on dated 2019-10-04 in regional office Gurgaon North.With reference to your above application for consent to operate,M/s Residential Plotted Colony is here by granted consent as per following specification/Terms and conditions.

Consent Under	BOTH
Period of consent	25/10/2019 - 30/09/2021
Industry Type	Building and construction project having waste water generation more than 100 KLD
Category	RED
Investment(In Lakh)	12445.0
Total Land Area(Sq. meter)	441386.0
Total Builtup Area(Sq. meter)	453616.0
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	130.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	STP
2. Trade	
Domestic Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
Trade Effluent Parameters	
1. NA	
Number of stacks	1
Height of stack	
1. NA	
Emission parameters	
1. NA	

Product Details	
1. NA	Metric Tonnes/day
Capacity of boiler	
1. NA	Ton/hr
Type of Furnace	
1. NA	
Type of Fuel	
1. Diesel	0.9 KL/day
Raw Material Details	
NA	Metric Tonnes/Day

Regional Officer, Gurgaon North
Haryana State Pollution Control Board.

Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines values, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any

account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.
11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

1. unit will run and maintain it's STP/ETP/APCM regularly and properly, will provide separate energy meter on their STP/ETP/APCM and maintain the Log Book for energy consumption of STP/ETP/APCM and chemicals used daily for the STP/ETP. 2. That the unit shall keep all the parameters within the prescribed limits and shall comply with all the Norms and Rules as prescribed in the Act 3.That the unit will adopt cleaner technology thereby reducing pollution load. 4. That the unit will provide inter locking arrangement of DG set with STP/ETP/APCM and shall have separate D.G. set to ensure regular and effective running of pollution control devices. 5. That the unit will not discharge any untreated effluent inside and outside its premises. 6.Unit will provide separate flow meter at Inlet/ Outlet of STP/ETP for which separate log book will be maintained if required. 7. That the unit will not add any air polluting process/ machinery and also not to add any process which increases the water pollution load. 8. That the unit will comply with all the provisions of Hazardous Waste Rules and submit return under HWM Rules on yearly basis. 9. That the CTO so granted shall become invalid in case of violation of any of the above / any law of the land. 10. Unit will apply for consent to operate for further period 90 days before expiry of this consent otherwise penalty will be imposed as per policy. 11. The inspection of the unit wilt be carried out by the authorized officer within a period of 3 months of grant of CTO for collection of samples and in case of failing of the same this CTO stands revoked automatically besides further necessary action will be applicable. 12. The unit will apply for authorization under HWM rules, 2016.

Kuldeep Singh
Digitally signed by Kuldeep Singh
Date: 2019.11.10 15:28:23 +05'30'

Regional Officer, Gurgaon North
Haryana State Pollution Control Board.

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

Test Report

Sample Number:	VEL/MB/WW/01	**Report No.:**	VEL/WW/2104/08/001
Name & Address of Party:	M/s Marbella Sector – 65/66, Gurugram, (Haryana).	**Format No.:**	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	14/04/2021
		Period of Analysis:	08/04/2021 to 14/04/2021
		Receipt Date	08/04/2021
Sample Description:	Waste Water Sample	**Sampling Date:**	07/04/2021
Sampling Location:	STP Plant (STP Inlet)	**Preservation:**	Refrigerated
Sample Collected by:	Vardan EnviroLab Representative	**Sampling Quantity:**	2.0 Ltr
Sampling & Analysis Protocol:	APHA & IS		

S. No.	Parameter	Test-Method	Result	Unit
1.	pH (at 25 ^{0}C)	APHA 4500-H+ B Electrometric Method:2017	6.69	--
2.	Total Suspended Solid	APHA 2540 D Gravimetric Method	258.33	mg/l
3.	Oil & Grease	APHA 5520 B Parttition Gravimetric Method:2017	9.30	mg/l
4.	BOD (3 Days at 27 ^{0}C)	APHA, 5210 C Ultimate BOD Test:2017	132.00	mg/l
5.	COD	APHA 5220 B Open Reflux Method:2017	485.24	mg/l
6.	Electrical Conductivity	APHA 2510 B Conductivity Meter Method:2017	940.00	µS/cm
7.	Total Coliform	IS 1622:1981- (RA 2009)	>1500	MPN/100ml
8.	E-coli	IS 1622:1981- (RA 2009)	200	MPN/100ml

KANCHAN SHARMA
(Tested By)
Jr. Lab Analyst

(Checked By)
Dy. Technical Manager

VARDAN ENVIROLAB
Dr. Shiv Singh
Authorised Signatory
(Approved By)

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

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

Test Report

Sample Number:	VEL/MB/WW/02	**Report No.:**	VEL/WW/2104/08/002
Name & Address of Party:	M/s Marbella Sector – 65/66, Gurugram, (Haryana).	**Format No.:**	7.8 F-01
		Party Reference No.:	NIL
		Reporting Date:	14/04/2021
		Period of Analysis:	08/04/2021 to 14/04/2021
Sample Description:	Waste Water Sample	**Receipt Date**	08/04/2021
Sampling Location:	STP Plant (STP Outlet)	**Sampling Date:**	07/04/2021
Sample Collected by:	Vardan EnviroLab Representative	**Preservation:**	Refrigerated
Sampling & Analysis Protocol:	APHA & IS	**Sampling Quantity:**	2.0 Ltr

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 ^{0}C)	APHA 4500-H+ B Electrometric Method:2017	7.44	--	5.5-9.0	5.5-9.0	5.5-9.0
2.	Total Suspended Solid	APHA 2540 D Gravimetric Method	54.66	mg/l	100	600	200
3.	Oil & Grease	APHA 5520 B Parttition Gravimetric Method:2017	1.25	mg/l	10.0	20.0	10.0
4.	BOD (3 Days at 27 ^{0}C)	APHA, 5210 C Ultimate BOD Test:2017	24.00	mg/l	30.0	350.0	100.0
5.	COD	APHA 5220 B Open Reflux Method:2017	87.44	mg/l	250.0	--	--
6.	Conductivity	APHA 2510 B Conductivity Meter Method:2017	640	µS/cm	--	--	--
7.	Total Coliform	IS 1622:1981- (RA 2009)	1000	MPN/100ml	--	--	--
8.	E-coli	IS 1622:1981- (RA 2009)	32	MPN/100ml	--	--	--

(Tested By) KANCHAN SHARMA Jr. Lab Analyst

(Checked By) Manager

VARDAN ENVIROLAB Dr. Shiv Prakash Singh Authorised Signatory (Approved By)

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