## 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 located at Village Badshahpur, Maidawas, Nangli Umarpur, Sector-62 & 65, Gurgaon, Haryana by M/s Emaar India Limited – Submission of Six-monthly Compliance Report – June 2021.

Ref.: Environment Clearance Letter No. SEIAA/HR/2015/35 dated 05.01.2015

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 located at Village Badshahpur, Maidawas, Nangli Umarpur, Sector-62 & 65, Gurgaon for the month of **June 2021**.

We hope the above meets your requirement.

## Thanks and Regards,

## For M/S EMAAR INDIA LIMITED

Shidin la

## (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 Badshahpur, Maidawas, Nangli Umarpur, Sector-62 & 65, Gurgaon, Haryana

### Environmental Clearance No. : No. SEIAA/HR/2015/35 dated 05.01.2015

### Part A: Specific Conditions

**I.** Construction Phase : The project has obtained Occupation Certificate for partial project on 18.09.2019, 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.	Consent to Establish for the project has been obtained vide letter No. HSPCB/Consent/:2821215GUNOCTE 1694729 dated 18/03/2015 from Haryana State Pollution Control Board. Copy of Consent to Establish extension has already been submitted. The recent CTE valid till 4.01.2022 has already been submitted with previous compliance report.
2	A First Aid Room as proposed in project report will be provided both during construction and operation of the project.	First Aid facility is available at site and photograph already shared.
3	Adequate drinking water & sanitary facilities shall 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 quality 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 is stored at site and is being utilized within the project site for landscape and road leveling development.
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 action will be taken while disposing construction waste to prevent any adverse effect.

S.No.	Specific Condition	Status
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 is the only hazardous waste generated during construction phase & is being stored in HDPE drums at earmarked area. Hence there is no contamination of water course and no leaching into groundwater. Latest soil analysis report is enclosed as <b>Annexure 2</b>
7	The diesel generator sets to be used during construction phase shall be of ultra low sulphur diesel type & should conform to Environment (Protection) Rules prescribed for air & noise emission standards.	Diesel power generating set are acoustic enclosed type and conforms to rules made under Environment (Protection) Act prescribed for air and noise emission standards. Copy of latest report for DG stack emission and DG noise is attached as <b>Annexure</b> <b>3 &amp; Annexure 4</b> , 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 has been made for storage of diesel, if required necessary clearance will be obtained from the Chief Controller of explosive.
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 of CPCB/MoEF.	Ambient air and noise level monitoring is carried out at project site regularly. Copy latest reports are attached as Annexure 5 & Annexure 6, 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 27th August 2003.	Fly ash based ready mix concrete is being used for construction.
11	Storm water control and its reuse as per CGWB and BIS standards for various applications should be ensured.	Storm water will be channelized through storm drainage system and will be reused and controlled as per CGWB norms.
12	Water demand during construction shall be reduced by use of pre-mixed concrete, curing agents & other best practices.	Best practices are being adopted to reduce construction water demand.
13	Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.	Energy conservation measures will be adopted.
14	Opaque wall must 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 will be provided on external face of the building. Glass surfaces protected by overhangs.
15	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	Necessary approvals will be obtained for structural safety and adequacy of firefighting equipment if applicable as

S.No.	Specific Condition	Status
	Building Code including protection measures from	it is a plotted development. No forest
	lightening etc. If any forest land is involved in proposed	land is involved in the proposed
	site, clearance under Forest Conservation Act shall be	project.
	obtained from the Competent Authority.	
16	The Project proponent as stated in the proposal shall	Agreed and same will be adhered.
	construct 111 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.	
17	The project proponent shall provide for adequate fire	Agreed and same will be adhered.
	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.	
18	The Project Proponent shall submit assurance from the	Permission from DHVBNL for 13.63
	DHBVN for supply of 23 MVA of power supply before	MVA has already been granted.
	the start of construction. In no case project will be	
	operational solely on generators without any power supply	
	from any external power utility.	
19	Detail calculation of power load and ultimate power load	The same has been adhered
	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.	
20	The Project Proponent shall not raise any construction in	Agreed and same will be adhered.
	the natural land depression Nallah/water course and shall	
	ensure that the natural flow from the	
	Nallah/water course is not obstructed.	
21	The Project Proponent shall keep the plinth level of the	Due care has been taken while
	building blocks sufficiently above the level of the	Building plan approval from
	approach road to the Project as per prescribed by-laws.	Department of Town and Country
	Levels of the other areas in the Projects shall also be kept	Planning Haryana.
	suitably so as to avoid flooding.	
22	Construction shall be carried out so that density of	Agreed and same will be adhered.
	population does not exceed norms approved by Director	
	General Town and Country Department Haryana.	
23	The Project Proponent shall submit an affidavit with the	Has already been submitted. Treated
	declaration that ground water will not be used for	wastewater from HUDA STP's is
	construction and only treated water should be used for	being used for construction.
	construction.	
24	The project proponent shall not cut any existing tree and	Agreed and same will be adhered.
	project landscaping plan should be modified to include	
	those trees in green area.	

S.No.	Specific Condition	Status
25	The project proponent shall provide 3 meter high barricade around the project area, dust screen for every	Regular water sprinkling on unpaved roads, construction vehicle with top
	floor above the ground, proper sprinkling and covering of	cover and tarpaulin over construction
	stored material to restrict dust and air pollution during	is regular practiced to restrict dust &
	construction.	air pollution during construction.
26	The project proponent shall construct a sedimentation	Agreed and same will be adhered.
20	basin in the lower level of the project site to trap pollutant	Agreed and same will be adhered.
	and other wastes during rains.	
27	The project proponent shall provide proper rasta of proper	Agreed and same will be adhered.
	width and proper strength for the project before the start	8
	of construction.	
28	The project proponent shall ensure that the U-value of the	Agreed and same will be adhered.
	glass is less than 3.177 and maximum solar heat gain co-	6
	efficient is 0.25 for vertical fenestration.	
29	The project proponent shall adequately control	PPE's are provided to all construction
	construction dusts like silica dust, non-silica dust, wood	workers. Water sprinkling at adequate
	dust. Such dusts shall not spread outside project premises.	interval is done to minimize the dust
	Project Proponent shall provide respiratory protective	generation due to construction work.
	equipment to all construction workers.	
30	The project proponent shall develop complete civic	Agreed and same will be adhered.
	infrastructure of the Residential 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 units/flats thereafter.	
31	The project proponent shall provide one refuse area till 24	Its low rise project, hence the same is
	meter, one till 39 meter and one after 15 meter each, as	not applicable.
	per National Building Code. The project proponent shall	
	not convert any refuse area in the habitable space and it	
22	should not be sold out/commercialized. The project proponent shall provide fire control room and	Its law rise project hance the same is
32	fire officer for building above 30 meter as per National	
	-	not applicable.
33	Building Code. The project proponent shall obtain permission of Mines	Being plotted development,
55	and Geology Department for excavation of soil before the	permission of Mines and Geology
	start of construction.	Department for excavation of soil not
		required as on date. However,
		permission will be taken whenever it
		is required.
34	The project proponent shall seek specific prior approval	Agreed and same will be adhered.
2.	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.	
35	The site for solid waste management plant be earmarked	Solid waste management locations
	on the layout plan and the detailed project for setting up	have already been shown in the

S.No.	Specific Condition	Status
	the solid waste management plant shall be submitted to the Authority within one month.	Layout plan submitted to SEAC & SEIAA during appraisal. The layout has already been submitted with previous compliance report.
36	The project proponent shall submit the copy of fire safety plan duly approved by Fire Department before the start of construction.	The same is not applicable as being low rise development.
37	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.	Agreed and same will be adhered.
38	The project proponent shall maintain the distance between STP and water supply line.	Due care has been taken while planning the project and same has been adhered.
39	The project proponent shall ensure that the stack height is 6 meter more than the highest tower.	Agreed and same is being adhered.
40	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	NBC guidelines will be followed.
41	The project proponent shall ensure that no construction activity is undertaken either on surface or below or above surface of revenue rasta passing through the project area.	Agreed and same will be adhered.
42	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 further project proponent shall not encroach revenue rasta and shall not cross internal roads over revenue rasta.	Agreed and same will be adhered.
43	The project proponent shall ensure that natural flow of existing nallah is never obstructed.	Agreed.
44	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.	Agreed.
45	The project proponent shall ensure that there should not be any water logging on the bed of nallah even in case of excessive rain.	To prevent water logging in the project area suitable storm drainage system will be constructed.
46	The project proponent shall ensure that sewerage pipe line should not cross over the nallah and project proponent shall maintain separate STP in the plot area across the nallah.	Will be adhered to as per the HUDA byelaws.
47	The project proponent shall ensure that sewerage system and storm drainage system shall be planned by taking into account the natural slope of original land and approval from HUDA and Irrigation department shall be taken before the start of construction.	Agreed and same will be adhered.

S.No.	Specific Condition	Status
48	The project proponent shall construct culvert for crossing	Agreed and same will be adhered.
	over the Nallah and ensure that bed of nallah is not	
	encroached in any manner, while constructing the culvert	
	over the nallah.	
49	The project proponent shall ensure plinth level of the	Agreed and same will be adhered.
	building block is 1.5 meter above 100 years flood level.	
50	The project proponent shall provide pervious surface	Agreed and same will be adhered.
	instead of impervious and hard surface in order to reduce	
	overflow water in nallah.	
51	The project proponent shall make provision for	Agreed and same will be adhered.
	infrastructure services (water supply, sewer, storm water	
	lines etc.) to accommodate the additional load arising	
	from population residing/planned in other lands falling	
	within the project limits/vicinity and get the service	
	estimates approved from HUDA before starting	
	construction.	
52	The project proponent shall provide separate set of	Will be adhered to as per the HUDA
	infrastructure facilities such as water supply, sewerage,	byelaws.
	storm drainage and STP etc. for two different sectors.	

## 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 from Haryana State Pollution Control Board and already submitted. Recent copy is enclosed as <b>Annexure</b> 7
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. The project proponent shall remove not only Ortho- Phosphorus but total Phosphorus to the extent of less than 2mg/liter. Similarly total Nitrogen level shall be less than 2mg/liter in tertiary treated wastewater. Discharge of treated sewage shall conform to the norms and standards of CPCB/HSPCB, whichever is environmentally better. Project Proponent shall implement such STP technology which does not require filter backwash.	The Sewage Treatment Plant of 800 KLD capacity has been installed for treatment of sewage. STP analysis report is enclosed as <b>Annexure 8</b> .
c	Separation of grey & black water should be done by use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/litre & the recycled water will be used for flushing, gardening & DG set cooling etc. to achieve zero exit discharge.	Provision of dual plumbing has been made for separation of grey and black water. Waste water is treated installed at STP installed at site.

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d	For disinfections of treated waste water ultra-violet radiation or ozonization process should be used.	Ultra violet radiation is used for disinfection.
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 proponent with appropriate stack height above the roof level as per the CPCB norms. The diesel used for DG sets shall be ultra low sulphur diesel (35 ppm sulphur), instead of low sulphur diesel.	DG sets used as source of back-up power for lifts, common area illumination and for domestic use is acoustic enclosure type.
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.	Agreed and same has been adhered. Latest laboratory report from NABL accredited laboratory is enclosed as <b>Annexure-6.</b>
g	The project proponent as stated in the proposal should maintain at least 34.8% 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.	Agreed and same will be adhered upon full completion of the project. The project has presently ~35% earmarked for landscaping and greenbelt.
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.	Agreed and same will be adhered.
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 shall 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.	Agreed and same is being adhered. NOC for construction of rain water harvesting structure has already been submitted with previous compliance report.
j	The ground water level & its quality should be monitored regularly in consultation with Central Ground Water Authority.	Ground water level and its quality are regularly being monitored by NABL accredited laboratory.
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 submitted to SEIAA, Haryana in three months time.	Building materials R & U factors have already been submitted to SEIAA during project appraisal.
1	Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building	Agreed and same will be adhered.

m	<ul> <li>should be integral part of project design &amp; should be in place before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.</li> <li>The project proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and</li> </ul>	Agreed and same will be adhered
	adhesive. Project proponent shall also provide halon free fire suppression system.	
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.	Agreed and same will be adhered. Infrastructure has already been constructed and Organic Waste Converter (OWC) is being commissioned.
0	The provision of Solar water heating system shall be as per norms specified by HAREDA & shall be made operational in each building block.	Agreed and same will be adhered.
р	The traffic plan & parking plan proposed by the PP should be adhered to meticulously with further scope of additional parking for future requirement. 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.	Agreed and same will be adhered
q	The project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.	Agreed and same has been adhered
r	Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.	Agreed and same is being adhered
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 shall be disposed of to only registered and authorized dismantler / recycler.	Agreed and same is in practice.
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.	Agreed and will be adhered
u	Water supply shall be metered among different users and different utilities.	Agreed and will be adhered
V	The project proponent shall ensure that the stack height of DG sets is more than the highest tower 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.	Agreed and the same is being adhered.
W	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of	Agreed and will be adhered

	connection.	
X	The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by project proponent for cooling, if it is at all needed. 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 (Cop), 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.	Agreed and will be adhered if required as it is a Residential plotted colony project.
у	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.	Agreed and will be adhered.
Z	The project proponent shall ensure that exit velocity from stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.	Agreed and will be adhered.
aa	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.	Agreed and will be adhered.
ab	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.	Agreed and will be adhered if required as it is a Residential plotted colony project.
ac	The project proponent shall ensure drinking / domestic water supply as per prescribed standards till treated water supply is made available by HUDA.	Agreed and will be adhered.
ad	The project proponent shall not discharge untreated water in the nallah and also shall not throw any solid waste in the nallah.	Agreed and will be adhered.
ae	The project proponent shall ensure proper drainage in the project area as the project area is uneven and undiluted.	Agreed and 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	Noted
	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.	
ii	The project proponent shall also submit Six monthly reports on the status of	Six monthly

S.No.	General Condition	Status
	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.	compliance reports is being regularly submitted in MoEF&CC, Regional Office MoEF&CC. HSPCB Haryana and SEIAA
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.	Haryana. Agreed and 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.	Agreed and will be adhered.
V	The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.	Agreed and will be adhered.
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.	Aravalli NOC through DC has already been provided.
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 has already been provided.
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.	Has already been submitted to SEAC & SEIAA during appraisal.
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.	Agreed and will be adhered.

S.No.	General Condition	Status
xii	The project proponent shall ensure the compliance of Forest Department,	Agreed and will
	Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28.11.1997.	be adhered if
		applicable.
xiii	The Project Proponent shall ensure that no vehicle during	Agreed and will
	construction/operation phase enter the project premises without valid	be adhered.
	'Pollution Under Control' certificate from competent Authority.	
xiv	The project proponent is responsible for compliance of all conditions in	Noted.
	Environmental Clearance letter and project proponent can not absolve himself	
	/herself of the responsibility by shifting it to any contractor engaged by project	
	proponent.	
XV	The project proponent shall seek fresh Environmental clearance if at any stage	Noted.
	there is change in the planning of the proposed project.	
xvi	Besides the developer/applicant, the responsibility to ensure the compliance of	Noted.
	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.	
xvii	The proponent shall upload the status of compliance of stipulated EC	Agreed and will
	conditions, including results of monitored data on their website and shall	be adhered.
	update the same periodically. It shall simultaneously be sent to the Regional	o cultor cul
	Office of MoEF, the respective Zonal Office of CPCB and SPCB. The criteria	
	pollutant levels namely PM <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>2</sub> , NOx, Ozone, Lead, CO, Benzene,	
	Ammonia, Benzopyrine, arsenic and Nickel. (Ambient levels as well as stack	
	emissions) or critical sectoral parameters, indicated for the project shall be	
	monitored and displayed at a convenient location near the main gate of the	
	company in the public domain.	
xviii	The environmental statement for each financial year ending 31st March in	Noted.
	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.	
xix	The project proponent shall conduct environmental audit at every three	Noted.
	months interval and thereafter corrected measures shall be taken without any	Noted.
	delay. Details of environmental audit and corrective measures shall be	
	submitted in the monitoring report.	
xx	Corporate Environment and Social Responsibility (CSER) shall be laid down	Noted.
	by the project proponent (2% shall be earmarked) as per guidelines of MoEF,	
	GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and	
	Ministry of Corporate Affairs, GoI Notification Dated 27.02.2014. A separate	
	audit statement shall be submitted in the compliance. Environment related	
	work proposed to be executed under this responsibility shall be undertaken	
	simultaneously. The project proponent shall select and prepare the list of the	
	work for implementation of CSER of its own choice and shall submit the same	
	before the start of construction.	

	Lah Vardan Envirol	rdan Envir 32A, Sector - 5, IMT Manesar, Gurugram 150 45001	<b>OLab</b> - 122051, Haryana	NNEX	KURE 1	Palab Varda Verdan Env Verdan Env Verdan Verdan Envir Palab Varda Verdan Envir		
	an EnviroLab Varda InviroLab Vardan En Lab Vardan Envirol	n EnviroLab Vardan EnviroLab <b>Test Re</b> WiroLab Vardan EnviroLab <b>Test Re</b>	port Lab Vardan E port Lab Vardan Enviro	nviroLal oLab Va /ardan B	Vardan Ch rdan Churn	vinoLab Var Lab Vandan		
Sampling Location:		Name & Address of Project:M/s Emerald Hills Village – Maidawas, Sector-65, Gurugram (Haryana).Sample Description: Sampling Location: Sample Collected by Sampling & AnalysisDrinking Water Sample Near Office Area Vardan EnviroLab Representative APHA & 1S		M/s Emerald HillsFormat No.:Village – Maidawas, Sector-65, Gurugram (Haryana).Party Reference No.: Period of Analysis: Receipt Date: Sampling Date: Type of Sampling: Sampling Quantity:		7.8 F-0 NIL 28/04/2	2021 2021 to 28/04/2 2021 2021 2021 250ml.	Varian Varian Enviro Inclus Varian Lab Varian 2021 - Varian Varian Enviro Inclus Varian Inclus Varian Inclus Varian Varian Enviro
No.	an EnviroLab Vardan En an EnviroLab Vardan En viroLab Vardan EnviroLa Parameter	viroLab Vardan EnviroLab Vardan E EnviroLab Vardan EnviroLab Vardan E viroLab Vardan EnviroLab Vardan E Ib Vardan EnviroLab Vardan Enviro Test-Method	nvirol ab Vardan Enviro ar EnviroLab Vardan E miroLab Vardan Enviro Lab Vardan EnviroLab I Result	yLab Var TVIroLai SLab Var Aardan E	Requiren IS:105	nent as per 00 -2012#		
invít an E	oLab Vardan Enviro nviroLab Vardan En	Lab Vardan EnviroLab Vardan EnviroLab Vardan Envir viroLab Vardan EnviroLab Vardan E	oLab Vardan EnviroLa nviroLab Vardan Enviro nviroLab Vardan Enviro	Vardar Lab Var	Acceptable Limits	Permissible Limits		
In a	pH (at 25 °C)	APHA ,4500-H <sup>+</sup> B Electrometric Method	nuiroLab 7,36	blañ Va	6.5 to 8.5	No Relaxation		
2.	Colour r dan EnviroLi	APHA ,2120 B, Visual Comparison Method	*BDL (**DL 1.0 Hazen)	Hazen	5	dan 15 viro		
3.	Turbidity rdam Enviro	APHA, 2130 B. Nephlelometric Method	*BDL (**DL 1.0 NTU)	NTU	Envirolah	urdin <sup>5</sup> Env		
<b>1</b> . E	Odour ab Vardan En	APHA, 2150 B, Threshold Test Method	Agreeable	Lals Var	Agreeable	Agreeable		
5.	Taste Lab Vardan En	APHA, 2160 B, Threshold Test Method	nviro Lab Agreeable	lab"/a	Agreeable	Agreeable		
5.	Total Hardness as CaCO <sub>3</sub>	APHA, 2340 C, EDTA Titrimetric Method	<b>10 101001</b> 79,44	mg/l	200	600		
	Calcium as Ca	APHA, 3500 Ca B. EDTA Titrimetric Method	o lab Vard 19.26 mirola	mg/l	Enver75	200		
	Alkalinity as CaCO <sub>3</sub>	APHA, 2320 B, Titrimetric Method	69.36	mg/l	200	600		
n E	Chloride as Clandan En	APHA, 4500-Cl <sup>-</sup> B, Argentometric Method	nviroLab 114,36 an Envir	mg/l	dan 250	1000-		
0.	Cyanide as CN	IS:3025 (P-27)	*BDL(**DL 0.02 mg/l)	mg/l	0.05	No Relaxatio		
lw)	Magnesium as Mg	APHA, 3500 Mg B, Calculation Method	o _ab Varda7.62EnviroLa	mg/l	Env/30 tab	and 100 m		
2.	Total Dissolved Solids	APHA, 2540 C, Gravimetric Method	132.00	mg/l	500	2000		
3.	Sulphate as SO4 dan En	APHA, 4500 E, Turbidimetric Method	n firoLab V2,74 an Envir	ıng/l	dan 200	400		
4.	Fluoride as F	APHA, 4500-F <sup>-</sup> D, SPADNS Method	*BDL(**DL 0.2 mg/l)	mg/l	1.0	1.5		
5.	Nitrate as NO <sub>3</sub> n Enviro	Lab IS 3025 (P-34) .Chromotropic Method	*BDL(**DL 1.0 mg/l)	mg/l	Env 45	No Relaxation		
6.	Iron as Fe	IS 3025 (Part-65)	*BDL(**DL 0.01 mg/l)	mg/l	1.0	No relaxation		
7.	Aluminium as Aldan Er	viroLab Var IS 3025 (Part-65) Vardan E	*BDL(**DL 0.002 mg/l)	mg/l	0.03	0.2		
8.	Boron oLab Vardan	IS 3025 (Part-65)	*BDL(**DL 0.01 mg/l)	mg/l	0.5	2.4		
	and the second se	IS 3025 (Part-65)	*BDL(**DL 0.002 mg/l)	mg/l	0.05 EM	No Relaxation		

KANTON SHARMA Jr. Lab Analyst Strate EnviroLab Vardan Env

# Vardan EnviroLab

Vardan Envirot ab Vardan EnviroLab Vardan EnviroLab Var

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

## ran EnviroLab Vardan EnviroLab Vardan EnviroLab Test Report

Sample	e No.: VEL/EH/W/01	Lab Vardan EnviroLab Vardan Envir n EnviroLab Vardan EnviroLab Vard	olab vardan envirola ao Envirol al Vacian	Re	port No: VEL/	W/2104/22/001
Env	iroLab Vardan Envi InviroLab Vardan B	oLab Vardan EnviroLab Vardan Env hviroLab Vardan EnviroLab Vardan	iroLab Vardan Envird EnviroLab Vardan Er	Lab Vard viroLab V		nent as per 00 -2012#
S. No	lan E Parameter Vard InviroLab Vardan I Lab Vardan Enviro	an EnviroLa Test-Method wiroLab Var nviroLab Vardan EnviroLab Vardan Lab Vardan EnviroLab Vardan Envir	dan EnvResult b Varda EnviroLab Vardan Er oLab Vardan Envirol	n E Unit oL viroLab V ab Vardan	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	outab Vard IS 3025 (Part-65) Vardan Em	*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	nviroLab V IS 3025 (Part-65) ab Vardar	*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) Variation Environment	*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 and an	IS 3025 (Part-65) -ab Vardam	*BDL (**DL 0.0005 mg/l)	mg/l	0.001	No Relaxation
31.	Total Coliform	IS 15185:2002(RA- 2016)	Absent	/100ml		tectable in any sample
32.	E. Coli en Vardan	IS 15185:2002 (RA- 2016)	Absent	/100ml	Shall not be de	etectable in any sample

Note: - This Report Complies as per IS 105000:2012 Amendment No.2 Sept 2018 \*BDL-Below Detection Limit, \*\*DL- Detection Limit

Tested By) Analyst viroLab Vardan EnviroLab Vardan Enviro

(Tested By) Analyst ViroLab Vardan EnviroLab Vardan Envi

<sup>1</sup>andan EnviroLab Vardan EnviroLab V

Note: Terms & conditions refer on backside of test report. Vardan Enviro Cab Vard

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	® Vardan Enviro dan EnviroLab	roLab Vardan EnviroLab Varda Vardan EnviroLab Vardan Env Lab Vardan EnviroLab Vardan	m EnviroLah Varda IroLab Vardan Env EnviroLah Vardan	ANNEXUR	
borato 0 900:	ory: Plot No. 82A, S	dan Envir Sector - 5, IMT Manesar, Gurugrar 45001	m - 122051, Haryana	dan EnviroLab Varo EnviroLab Vardan Enviro Nab Vardan Enviro In EnviroLab Vardan IroLab Vardan Enviro	n Erwed ar winstah Var ati Verdan B Egenni, ati y atah Verdan
	roLab Vardan Envirol ah Vardan Envirol dan EnviroLab Va	viroLab Vardan EnviroLab Test Re Lab Vardan EnviroLab Test Re ardan EnviroLab Vardan Enviro	eport	dan EnviroLab Varda EnviroLab Vardan In oLab Vardan Envirol	
Name Party:	indan EnviroLab V Ardan EnviroL Mutab Vardan Env	VEL/EH/S/01 M/s Emerald Hills Village – Maidawas, Sector-65, Gurugram (Haryana).	Report No.: Format No.: Party Referenc Reporting Date Period of Analy	e: 28/04/2021 ysis: 22/04/2021 to 28	an Kentan B En (Int. a) Y Cardan
Sample Description: Sampling Location: Packing Status: Sampling & Analysis Protocol:		Soil Sample Project Site Temp Sealed IS 2720 & SOP	Receipt Date : Sampling Date: Type of Sampl Sampling Quan	ling: Composite	
S. No.	Parameter Envirol	Lab Varcan EnviroLab Varcan rdan EnviroLab Varcan Enviro rdan EnviroLab Vardan Enviro	FoviroLab Vardar Lab Vardan Enviro	EnviroLab Vardan Er EnviroLab Vardan Er oLab Vardan EnviroL	Unit
1.	pH (at 25 °C)	IS : 2720 (P-26) b	by pH Meter	8.16	Envirolab V
2.	Conductivity	IS:14767 by Condu	activity meter	0.480	mS/cm
3.	Soil Texture	*SOP , SP-87,Issue No01&	Issue Date-14/02/2013	Silty Loam	ia Lasinglas Vinnu <del>n</del> a VEI
4.	Color Colab Va	*SOP, SP-78,Issue No01&	Issue Date-14/02/2013	Yellowish Brown	In Patalan B
5.	Water holding capaci	ity *SOP, SP-81,Issue No01&	Issue Date-14/02/2013	54.51	%
6.	Bulk density aviroL	*SOP, SP-80,Issue No01&	Issue Date-14/02/2013	2.41	gm/cc
7.	Chloride as Cl	*SOP, SP-85,Issue No -01&	Issue Date-14/02/2013	38.65	mg/100g
8, 197	Calcium as Ca	indam Er *SOP, SP-82,Issue No01&	Issue Date-14/02/2013	29.74	mg/100g
9.	Sodium as Na	*SOP, SP-84,1ssue No01&	lssue Date-14/02/2013	58.22	mg/kg
10.	Potassium as K	ab Varce *SOP, SP-84,Issue No01&	Issue Date-14/02/2013	215.13	kg/hec.
11.	Organic Matter	IS:2720 (P-22) Titrin	netric Method	0.78	%
12.	Magnesium as Mg	rdan Er *SOP, SP-83,Issue No01&	Issue Date-14/02/2013	nuab Va 24.47 Envirol	mg/100g
13.	Available Nitrogen as	s N IS:14684 Distillati	ion Method	225.0	kg./hec.
14. La	Available Phosphorus	*SOP, SP-86,Issue No01&	Issue Date-14/02/2013	25.46	kg./hec.
15.	Zinc (as Zn)	USEPA 30:	50B	14.53	mg/kg
16.	Manganese (as Mn )	USEPA 30:	50B	9.42	mg/kg
17. 00	Lead (as Pb)	oLab Vardan EnviroLa USEPA 30:	50BnviroLab Varca	1.48	mg/kg
18.	Cadmium (as Cd )	USEPA 30:	50B	0.96	nıg/kg
	Chromium (as Cr)	USEPA 305	50B Envirol th Valy	1.42	mg/kg
19.	( Chronnun (as Cr)	COLINISO	500		

KAN (Tested By) SHARMA

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

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	Va	irdan	Envi	irol	.ab	EnviroLab roLab Vard		
aboratory: SO 9001 IS	Plot No. <b>O 14001</b>	82A, Sector - 5, IMT [ <b>ISO 45001</b>	Manesar, Gurug	ram - 12205	1, Haryana	Verdan En winoLab Va th Vardan B		
an EnviroLab V nviroLab V sh Vandan	ab Vard ardan E	an EnviroLab Vardao E nviroLab Vardao E nviroLab Vardao E	Test	Report	oLab Vardan oLab Vardan b Vardan Envi	EnviroLab toLab Vard	Vardan i minpusis lan Presiduals Var	
	Vardar in Envir	EnviroLab Vardar oLab Vardan Envir	EnviroLab Var oLab Vardan E	dan Enviro nviroLab Va	ab Vardan Er rdan Envirola	viroLab Va b Vardan I		
tell a limited in the LY			nviroLab Varda an EnviroLab V	and a Repor	A NOT THE REAL PROPERTY OF	VEL/ST/2	2104/22/001	
Name & addi	ress of	M/s Emerald Hills	nviroLab varia	Forma		7.8 F-01		
the Project:		Village – Maidawas, Gurugram (Haryana		CLAIR PROVIDE	Reference No.:	NIL 26/04/2021	Water Territory	
nund Harren wiesensie Va		oLab Parcan z ovir oviroLab Vardan E	vitab Vardan Ei svírotab Varda		ting Date: of Analysis:	26/04/2021		
in Chwicola	ib Vard	an EpvicoLab Vard	an EnviroLab V		t Date:	22/04/2021		
Sample Descr	iption :	Stack Emission Mo	nitoring dan Env	in EnviroLa iroLah Varo				
	al Inforn	olab wangan tinvin	i EnviroLab Var oLab Vardan Er	dan Enviro InviroLab Vo		viroLab Va ib Vardan B	nçlatî Emvîtê Lab X Devleto Lab Mandanî	
	ling Loca		nviroLab Varda	holab Mandari Em DG Set Area				
a non lan 16	e Collect	murat als Manatan C	an EnviroLab Varda	Vardan EnviroLab Representative				
	f Samplin	2612 Val Usti CHVIIV)	ab Vandan Env	b Vardan Envi: 21/04/2021				
	ing Dura attached	tion (Minutes)	EnviroLab Var ol ab Vardan Er	37.0		viroLab Va Verdan I		
1917 S E715 V2	of stack	wiroLab Vardan E	nvinoLab Varda	: DG Set	No. – I (1010 K	(A)		
	ter of sta	m EnviroLab Varda ok (m) ab Vardan F	an EnviroLab V. evirol ab Varda	n EnviroLab Varda: En 0.25 Mtr. ander EnviroLab Vardar				
	t of stack	the second s	ab Vardan Envirol 24.38 Mtr.					
Envirolato		libration status	ol ab Vardan En: Calibrated					
		Condition	wiro Lab Varda: Em Clear Sky anden Enviro Lab Vardan Enviro					
in Districted B	In Constant of a	erature – Ta (°C)	an EnviroLah Va	: 34.0	oLab Vardan I		Vandori ErretroLah	
	11 12 11 12	f stack Gases – Ts (°C)	ab Vardan Env	: 176.0		Yandari Ery	Versian Standard Re	
Veloci	ty of stac	k Gases (m/sec.)			ab Vardan I.n	viroLab Va		
Flow r	ate of PN	I (LPM)	oLab Vardan Er svirol ab Varda	: 23.0	rdan EnviroLa Varden Envir	ib Vardah E ol eb Vard		
Flow r	ate of Ga	s (LPM) o Lab Varda	in EnviroLab Va		aLab Vardan I			
Sampli	ing condi	tion Clab Vardan E	hviroLab Varda	: Isokinet	ic and an Envi	clab Vard	arr Environdats Mari	
Protoc	ol used	EnviroLab Vardan	EnviroLab Van	IS :112:	5 b Vardao En	viroLab Va		
oLab Varda wiroLab Va m EnviroLa	n Enviro rdan Er b Varda		oLab Vardan Er wireLab V <mark>RESU</mark> In EnviroLab Va		rdan EnviroLa Vardan Envir stab Vardun 1	b Vardan E oLab Varda InviroLab V		
rolab Va	rdan Er	wiroLab Vardan E	nviroLab Varda	n EnviroLa	Vardan Envi	olab Vard	an EnviroLab Var	
S. No.	Vardan	Parameters © Envirol EnviroLab Vardar DLab Vardan Envir	Envirol Test Met	hodi Envirol hodi Envirol iviroLab Va	Results	Units D Vandan E	Limits as per CPCB	
I I I I I I I I I I I I I I I I I I I	u varos	% O <sub>2</sub> Correction)	IS: 11255 (P-1), 0 Method, RA		52.30	mg/Nm <sup>3</sup>	75.00	
2. 5	Sulphur D	ioxide (as SO2)	IS: 11255 (P-2), Method, RA	: 2003	24.36	mg/Nm <sup>3</sup>	Not Specified	
and the second second		5 % O <sub>2</sub> Correction)	IS: 11255 (P-7), C Method, RA		169.26	ppmv	710.0	
	Carbon M % O <sub>2</sub> Cor	onoxide (as CO) (at 15 rection)	SOP, SP-74, Issue	No.01: 2018	60.12	mg/Nm <sup>3</sup>	150.0	
5. ľ	MHC (at	15 %O <sub>2</sub> Correction)	SOP, SP-75, Issue	dictum of st	Ashter Fully	mg/Nm <sup>3</sup>	100.0	

KANCHARNS SHARMA Jr. Lab Analyst

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

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

(Approved Hy)

arda VICO Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana ISO 9001 ISO 14001 ISO 45001 Report Sample Number: VEL/EH/ST/02 **Report No.:** VEL/ST/2104/22/002 M/s Emerald Hills Name & address of Format No.: 7.8 F-01 the Project: Village - Maidawas, Sector-65 **Party Reference No.:** NIL Gurugram (Haryana). **Reporting Date:** 26/04/2021 **Period of Analysis:** 22/04/2021 to 26/04/2021 **Receipt Date:** 22/04/2021 Sample Description : **Stack Emission Monitoring General Information** Sampling Location DG Set Area Sample Collected by Vardan EnviroLab Representative Date of Sampling 21/04/2021 Sampling Duration (Minutes) 40.0 Stack attached to DG Set No. - 2 (1010 KVA) Make of stack Metal Diameter of stack (m) 0.25 Mtr. 24.38 Mtr Height of stack (m) Instruments calibration status Calibrated Meteorological Condition Clear Sky

34.0

169.0 8.44

22.0

2.0

Isokinetic

S. No.	ab Vardan Enviro Lab Vard Vardan Enviro Lab Vardan E n Enviro Lab Vardan Enviro	an EnviroLab Vardan Envir nviroLa Test Method nviroLa Lab Vardan EnviroLab Vard	oLab Vardan VaRcsults an EnviroLat	EnviroLab V roLUnitsard Vardan Env	Limits as per CPCB
6.	PM (at 15 % O <sub>2</sub> Correction)	IS: 11255 (P-1), Gravimetric Method, RA: 2003	49.15	mg/Nm <sup>3</sup>	75.00
7.0	Sulphur Dioxide (as SO2)	IS: 11255 (P-2), Titrimetric Method, RA:2003	22.41	mg/Nm <sup>3</sup>	Not Specifie
8.	NOX (at 15 % O <sub>2</sub> Correction)	IS: 11255 (P-7), Colorimetric Method, RA: 2012	163.58	ppmv	710.0
9.	Carbon Monoxide (as CO) (at 15 % O <sub>2</sub> Correction)	SOP, SP-74, Issue No.01: 2018	57.62	mg/Nm <sup>3</sup>	150.0
10.	NMHC (at 15 %O <sub>2</sub> Correction)	SOP, SP-75, Issue No.01: 2018	olab16.34 dan	mg/Nm <sup>3</sup>	100.0

KANGHAN SHARMA

Ambient Temperature - Ta (°C)

Velocity of stack Gases (m/sec.)

Flow rate of PM (LPM)

Flow rate of Gas (LPM)

Sampling condition

**Protocol used** 

Temperature of stack Gases - Ts (

b Analyst olab Vardan Envirolab Vardan E

(Amprovee

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

Laborator	an Envirola	b Vardan Fi	nvirol ab Varda	viroLa Gurugram - 122051, Ha		ANNEX	
ISO 9001	ISO 14001 I	SO 45001	EnviroLab Varo	Test Report		ab Vardan Env EnviroLab Var iroLab Vardan	rifolah Yumlan Rian Unebolah Birahaluh Yar
Leli Varo Sovirol roLab Va	lan EnviroLa ab Vardan B rdan Enviro	ib Vardan Ei EnviroLab V Lah Vardan	nviroLab Varda ardan EnviroLa EnviroLab Vard	n EnviroLab Vardan b Vardan EnviroLah lan EnviroLab Varda	Envirotat Vardan Er n Envirot	o Vandan Envir nviroLab Varci ab Vardan Env	nlun Vərdən D əh Emeroluah V eroculu Nərdəx
Sample No Name & A Party:	THE REPORT OF THE PARTY OF THE	VEL/EH/PN M/s Emeralo Village – Ma Gurugram (	l Hills 1idawas, Sector-65,	Report No.: Format No.: Party Referen Reporting Dat Period of Ana Receipt Date:	ce No.: 1 te: 2 lysis: 2	VEL/PN/2104/22/ 7.8 F-01 NIL 26/04/2021 22/04/2021 to 26/0 22/04/2021	
Sample Do	escription:	DG NOISE I	MONITORING	/ardan EnviroLati M n EnviroLati Vardan		- Vanian Emer	
Samp Samp Instru Instru Instru Meteo Date o Scope Contru Sampl Sampl Param	al Information le collected by ling Location ment Used ment Code ment Calibrati rological condi of Monitoring of Monitoring of Monitoring ol measure if A ing & Analysis ing Duration seter Required	on Status ition during m inclus ition during m inclus Protocol	Vardan Envirol dan EnviroLab V IviroLab Vardar EnviroLab Vard Jan EnviroLab V Vardan EnviroLab V Vardan EnviroLab V	<ul> <li>Vardan EnviroLal</li> <li>DG Set No. – 1 (1</li> <li>Sound Level Meter</li> <li>VEL/SLM/02</li> <li>Calibrated</li> <li>Clear Sky</li> <li>21/04/2021</li> <li>Regulatory Requires</li> <li>No any</li> <li>IS 9989</li> <li>30 Minutes.</li> <li>As per Work Order</li> </ul>	010 KVA) er rement er	EnviroLah Vardan IroLah Vardan Vardan Enviro No Vardan Enviro EnviroLah Vardan IroLah Vardan Enviro Vardan Enviro Vardan Enviro NoroLah Vardan EnviroLah Vardan SoviroLah Vardan SoviroLah Vardan	
oLab Va oVinLab an Envin	ab Vardan e rdan Envirol Vardan Env Mab Vardan	hviroLab vi Lab Vardan ViroLah Vard EnviroLab	andan EnviroLa EnviroLab Varo Ian EnviroLab V Vardan Envirol	o Vardan Envirollah an Envirollah Varda 'ardan Envirollah Va ab Vardan Envirolla	Result d	b Vardan Em B(A) TOLab Var	Emilia Lab Varian Emilia Lab Varian Idan EnviroL
S. No.	Vardan Envirol a an Envirol a ab Vardan E dan Envirol Vardan Env	viroLab Vard b Vardan Er hviroLab V Lab Vardan viroLab Vard	Test Method	Open the canopy of DG Set Result dB(A)	(0.5 Mtr.	canopy of DG Set Distance) Result dB(A)	Insertion Loss
an Eovin wir Staft ub Vard	iLao Vardan Vardan En L <sub>eg</sub> oviroLa 16 Vardan E	EnviroLab viroLab Vare b Vardan Er	CPCB Guideline & Indian Standard:9989	ab Vardan EnviroLa Vardan E99,3 oLab Va EnviroLab Vardan S Vardan EnviroLab	o Vindan ndan Envi InviroLah Vardin Er	73.7 Vardan Folan Eovir	25.6
d LabeVat	CPCB Limits in	dB(A)	Erwirolab Varo	an EnviroLab Vorda	n Employ	75.00	25.00

KANGABN SHARMA Jr. Lab Analyst

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Note: Terms & conditions refer on backside of test report. Varian Environational Environations and www.vardan.co.in

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Sample Nu		VEL/EH/PN		lan EnviroLab Varda Vardan EnviroLab Va Lab Vardan EnviroLab Vardan Nardan EnviroLab Vardan DenviroLab Vardan De Varda Report No.:		EL/PN/2104/22/	/002
Name & A Party:	ddress of Vardan En blab Vardan h Vardan Em tan Envirola	M/s Emerald Village – Ma Gurugram (I	idawas, Sector-65,	Reporting Dat Period of Anal	te: 20 lysis: 22	8 F-01 TL 6/04/2021 2/04/2021 to 26/(	04/2021
Sample De	escription:	DG NOISE M	MONITORING	Receipt Date:	Vardan E	2/04/2021	
	ral Information le collected by	riroLab Varo EnviroLab	lan EnviroLab V Vardan Envirol	: Vardan EnviroLat		ive	
Sampl	ling Location	ib Vardan Er	whoLab Vardar	: DG Set No. – 2 (1	1010 KVA)		
	ment Used	Lab Vardan	Epymotab Vard	Sound Level Meter VEL/SLM/02	ar ar dan EnviroLa		
	ment Calibrati	on Status	Ian EnviroLab V	Calibrated			
	orological condi	NUMBER OF STREET	THE PLACE AND A CONTRACT OF A	Clear Sky	urdan Envir	oLub Vardan	Envirol als Var
	of Monitoring of Monitoring		wiroLab Vardar ardan EnviroLal	21/04/2021 Regulatory Requir	rement 1	Vardon Envir viroLah Vard	ntub Verden Er än Envissige V
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	ling & Analysis		Vardan Envirol	i IS 9989		inviroLah Val	
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n Enviro ViroLab	Vardan Env GLab Vardan	viroLab Varo 1 EnviroLab viroLab Vari	lan EnviroLab V Vardan EnviroL Jan EnviroLab V	ardan EnviroLab Va ab Vardan EnviroLa	Result dB	(A) iroLab Var	Coving Sh Van Idan Enviro Dh
S. No.	A CONTRACTOR OF A CONTRACT OF	b Vardan Er netersoLab Vi Lab Vardan	Test Method	Open the canopy of DG Set Result dB(A)	(0.5 Mtr. D	nnopy of DG Sct listance) Result lB(A)	Insertion Loss
n Epvin ViróLah Ab Nahd Envirol	Lap Vardan Vardan Env	EnviroLab	CPCB Guideline & Indian Standard:9989	ab Vardan Envirolab Va Aardan E 96,7 'olab Va A Envirolab Vardan 5 Vardan Envirolab	EnviroLab	71.6	25.1
Lah Var	CPCB Limits in	dB (*A)	EnviroLab Varda	an EnviroLab Varda ardan EnviroLab Va	a Product of	75.00	25.00

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Note: Terms & conditions refer on backside of test report. www.vardan.co.in

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	oviroLab Vardan Env oLab Vardan EnviroL Vardan EnviroLab Var	iroLab ab Varo rdan Er	Vardan EnviroLab Vardan EnviroLa dan EnviroLab <mark>Test Report</mark> Lab Va wiroLab Vardan EnviroLab Vardan I	o Vardan EnviroLab rdan EnviroLab Vard EnviroLab Vardan Er	Vandav Dr Jan Envin IviroLab I	wireLab Va alab Varda 'srifan Envi
	Address of the Project:	M/s Em Village	erald Hills – Maidawas, Sector-65, am (Haryana).	Format No.: Party Reference No.: Reporting Date: Period of Analysis:		94/22/001 to 26/04/2021
omnle I	Description:	AMBIE	NT AIR QUALITY MONITORING	Receipt Date:	22/04/2021	Lab Vinda
Sample Samplin Instrum Instrum Meteoro Date of Date of Samplin Samplin Paramet	ng Location collected by ng Equipment used nent Code tent Calibration Status ological condition during Monitoring t Temperature (°C) nding Activity f Monitoring ng & Analysis Protocol ng Duration ter Required	ab Vard inoLab odan En oLab Va ab Vard inoLab inoLab ab Vard ab Vard	ing 21/04/2021 11:30 AM t Min. 22.0°C Human & RDS & FPS VEL/RDS// Calibrated Clear Sky 11:30 AM t Min. 22.0°C Human & Regulatory	riroLab Representative FPS/01 to 22/04/2021 o 11:30 AM C, Max. 37.0°C Vehicular Activities Requirement CPCB Guidelines k Order	Envirolati on Enviro Vardau Er fan Enviro wirolati	Complete Fre
S.No	College and the College and Sectors and the	ab Varc irol.ab ab Varc	an Enviro Lab Varian Enviro La	Results	Units	Limit as per CPCB
d, ab \	Particulate Matter (as PM	1.1.1.1.1.1.1.1.1	IS:5182 (P-23), Gravimetric Method, RA:200		10	100
2.	Particulate Matter (as PM	and the second	SOP No. VEL/SOP/01, Section No. SP 63:201		$\mu g/m^3$	60
3.	Nitrogen Dioxide (as NO <sub>2</sub> ) Sulphur Dioxide (as SO <sub>2</sub> )	U Sait	IS: 5182 (P-6), Jacob & Hochheiser, RA:200 IS: 5182 (P-2), Modified West and Gacke,	<u>6 22.32</u> 12.81	μg/m <sup>3</sup> μg/m <sup>3</sup>	80
5. ab	Carbon Monoxide (as CO	ab Vara	RA:2012 IS: 5182 (P-10), Gas Chromatography,	nyiroLab 0.76dan En	mg/m <sup>3</sup>	4.0
	Irolab Vardan Enviro	Lab Va	RA:2003 IS:5182 (P-22), Air Acetylene Method,	*BDL(**DL0.05 µg/m <sup>*</sup>	<sub>3</sub> μg/m <sup>3</sup>	1.0 Er

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Note: Terms & conditions refer on backside of test report. www.vardan.co.in

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	Number: VEL/EP/AN	N/01/ardan EnviroLab \	an Enviro Labort No.: Ardan En Report No.:		VEL/AN/2104/08/	001		
Name & Party:	Address of M/s Emeral Sector-65, C	d Plaza, Gurugram, (Haryana).	Format No.: Party Referen	No.	7.8 F-01 NIL			
	roLab Vardan EnviroLab Vardan EnviroLab Varda	Vardan EnviroLab Va	Reporting Da		12/04/2021	finitaly Va		
	alı Vardan EnviroLab Va	ardan EnviroLab Vardi	Enviro Period of Ana	lysis:	08/04/2021 to 12/0	4/2021		
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Genera	I Information:- EnviroLab	EnviroLab Vardan Env Vardan EnviroLab Va	viroLab Vardan Enviro rdan EnviroLab Varda					
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	ng Location	ab Vardan EnviroLab V	: Near Main Gate			niciroLob V		
	nent Code	EnviroLab Vardan Env	dan: Sound Level Meter					
	nent Calibration Status	Vardan EnviroLab Va m EnviroLab Vardan E	: Calibrated	n Envir	otab Vardan Lan Vardan Envirot a			
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	nt Temperature (°C) and an Inding Activity		Min. 28.0°C, Max. 32.0		rdan Envirolush 1	Targari En		
	f Monitoring	in EnviroLab Vardan E	: Human & Vehicular A : Regulatory Requireme		Vardan EnviroLa	Vardan E		
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virol. n Envi nvi1.nl	and the second se		44.4	n English	36.2	dB(A)		
2.	L <sub>min</sub> EnviroLab Vardan	15 0090	<u> </u>		10 51	dD(A)		
The Star	and the second se	15 0090	ny roLab V 50.41 Envi	rolab \	40.51	dB(A) dB(A)		

an EnviroLab Vardan Env



## HARYANA STATE POLLUTION CONTROL BOARD Gurgaon North Vikas Sadan, 1st Floor, Near DC Court, Gurgaon Ph.0124-2332775 Email:hspcbrogrn@gmail.com E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/: 329962320GUNOCTO7727814

Dated:20/07/2020

To.

M/s :Residential Plotted Colony

Village Badshahpur, Maidawas, Nangli Umarpur, Sector 62 and 65, Tehsil & District on

Gurgaon

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

Please refer to your application no. 7727814 received on dated 2020-06-17 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	ΒΟΤΗ ΥΛΝΙΛ ΚΤΛΤΕ
Period of consent	01/10/2020 - 30/09/2022
Industr <mark>y Type</mark>	Building and construction project having waste water generation more than 100 KLD
Category	RED
Investment(In Lakh)	18070.0
Total Land Area(Sq. meter)	801423.4
Total Builtup Area(Sq. meter)	83934.0
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	372.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	Reuse/Recyle
2. Trade	0
<b>Domestic Effluent Para</b>	meters
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. O&G	10 mg/l
<b>Trade Effluent Paramet</b>	ers
1. NA	
Number of stacks	8
Height of stack	

1. DG Set of 1500 KVA	6.5 Meter (Above roof level)
2. DG Set of 1500 KVA	6.5 Meter (Above roof level)
3. DG Set of 1500 KVA	6.5 Meter (Above roof level)
4. DG Set of 1500 KVA	6.5 Meter (Above roof level)
5. DG Set of 1010 KVA	6.5 Meter (Above roof level)
6. DG Set of 1010 KVA	6.5 Meter (Above roof level)
7. DG Set of 1010 KVA	6.5 Meter (Above roof level)
8. DG Set of 1010 KVA	6.5 Meter (Above roof level)
<b>Emission parameters</b>	
1. NA	
Product Details	
1. NA	Metric Tonnes/day
Capacity of boiler	And the second se
1. NA	Ton/hr
Type of Furnace	A second s
1. NA	
Type of Fuel	
1. Diesel	4 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 along with 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.  $H \triangle R Y \triangle N \triangle S T \triangle T F$ 

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. Unit will submit compliance report of general & specific conditions mentioned in CTO alongwith fresh analysis report within 03 months. 12. The unit

will apply for authorization under HWM rules, 2016.

Dinesh Kumar Yadav

Digitally signed by Dinesh Kumar Yadav Date: 2020.07.20 12:42:52 +05'30'

Regional Officer, Gurgaon North Haryana State Pollution Control Board.



R Vardan Envirola Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, H ISO 9001 [ISO 14001] ISO 45001	Envirol ab Vardan Envirol six Dirdar Envirol 5
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Sample Number: Name & Address of Party: Sample Description: Sampling Location: Sample Collected by:

Sampling & Analysis

**Protocol:** 

VEL/EH/WW/03 M/s Emerald Hills Village – Maidawas, Sector-65, Gurugram (Haryana). Waste Water Sample STP Plant I Beri Gate No. 6 (STP Inlet) Vardan EnviroLab Representative APHA, 23<sup>rd</sup> Edition 2017

Report No.: Format No.: Party Reference No.: Reporting Date: Period of Analysis: Receipt Date Sampling Date: Preservation: Sampling Quantity:

#### VEL/WW/2104/22/003 7.8 F-01 NIL 28/04/2021 22/04/2021 to 28/04/2021 22/04/2021 21/04/2021 Refrigerated

2.0 Ltr

S. No.	Parameter EnviroLab V	ardan EnviroLab Test-Method	Result	Unit
9.	pH (at 25 °C)	APHA 4500-H+ B Electrometric Method:2017	6.69	
10.	Total Suspended Solid	APHA 2540 D Gravimetric Method	259.67	mg/l
11, a)	Oil & Grease Lab Vardan E	APHA 5520 B Parttition Gravimetric Method:2017	ab Var 12.63 Envird	mg/l
12.	BOD (3 Days at 27 <sup>o</sup> C)	APHA. 5210 C Ultimate BOD Test:2017	138.00	mg/l
13.	COD rdan EnviroLab Var	APHA 5220 B Open Reflux Method:2017	534.06	mg/l
14.	Electrical Conductivity TOLED	APHA 2510 B Conductivity Meter Method:2017	950 BOAR	μS/cm
15.	Total Coliform	APHA 23 <sup>rd</sup> Edition,Annex 9221	>1800	MPN/100ml
16.	E-colivardan EnviroLab V	APHA 23 <sup>rd</sup> Edition,Annex 9221	300	MPN/100ml

an envirolab Vardan Env

Note: Terms & conditions refer on backside of test report. Varian Environment and an environment www.vardan.co.in

Sampling Location:       STP Plant I Beri Gate No. 6 (STP Outlet)       Sampling Date:       21/04/2021         Refrigerated       As per Work Order       Sampling Quantity:       2.0 Ltr         Parameter Required:       As per Work Order       Sampling Quantity:       2.0 Ltr         Sompling Location:       Standards for Discharge as per CFB       CFCB         S.No.       Parameter       Cate and the control of a data andata and the control of a data and the control of a data and the co	lan E Envir Labr n Erv	nviroLab Vardan E oLab Vardan Envir Vardan EnviroLab ViroLab Vardan En	nviroLab Vardan EnviroLab Vardan oLab Vardan EnviroLab <mark>Test Rep</mark> Vardan EnviroLab Vardan EnviroLa viroLab Vardan EnviroLab Vardan I		Vardan Env dan Envirol nvirolab Va ardan Envir	iroLab Va ab Varda rdan Envi oLab Vard	rdan En n Ervino roLae N lan Unvi	t mətabi Vəl) Varc Evləri Bo mitabi Və
Instrument         Instrument         Standards for Discharge as per CPCB           S.No.         Parameter         Instrument         Result         Unit         Instrument         Public         Land for           9.         pH (at 25 °C)         APHA 4500-H+ B Electrometric Method:2017         7.36         -         5.5-9.0         5.5-9.0         5.5-9.0         5.5-9.0         5.5-9.0         10.0         20.0         10.0           10.         Total Suspended Solid         APHA 4500 D Gravimetric Method         51.88         mg/l         10.0         60.0         20.0         10.0           11.         Oil & Grease         APHA 5210 D Gravimetric Method:2017         7.36         -         5.5-9.0         5.5-9.0         5.5-9.0         10.0         20.0         10.0           12.         BOD (3 Days at 27 °C)         APHA.5210 C Ultimate BOD Test:2017         24.00         mg/l         30.0         35.0.0         100.0           13.         COD         APHA 23'0 B Open Reflux Method:2017         93.31         mg/l         25.0.0         -         -           14.         Conductivity         APHA 23'd'Edition.Annex 9221         1000         MPN/100ml         -         -         -           15.         Total Coliform         APHA 23'	Name & Address of Party:M/s Emerald HillsVillage – Maidawas, Sector-65, Gurugram (Haryana).Sample Description:Waste Water Sample STP Plant I Beri Gate No. 6 (STP Outlet) Vardan EnviroLab Representative		Format No.: Party Reference No.: Reporting Date: Period of Analysis: Receipt Date Sampling Date: Preservation:		NIL 28/04/2021 22/04/2021 to 28/04/2021 22/04/2021 21/04/2021 Refrigerated			
S.No.         Parameter         Test – Method         Result         Unit         In-Land Surface Water         Public Sewers         Land for Irrigation           9.         pH (at 25 °C)         APHA 4500-H+ B Electrometric Method:2017         7.36          5.5-9.0         5.5-9.0         5.5-9.0           10.         Total Suspended Solid         APHA 2540 D Gravimetric Method         51.88         mg/l         100         600         200           11.         Oil & Grease         APHA 5520 B Partition Gravimetric Method:2017         1.05         mg/l         10.0         20.0         10.0           12.         BOD (3 Days at 27 °C)         APHA 2510 C Ultimate BOD Test:2017         24.00         mg/l         30.0         350.0         100.0           13.         COD         APHA 220 B Open Reflux Method:2017         93.31         mg/l         250.0             14.         Conductivity         APHA 23'*Edition,Annex 9221         100         MPN/100mil             15.         Total Coliform         APHA 23'*Edition,Annex 9221         10         MPN/100mil             16.         E-coli         APHA 23'*Edition,Annex 9221         10         MPN/100mil <th>rara</th> <th>meter Kequirea: As</th> <th>nyirol ab Verdan Envirol ab Verdan En</th> <th>Sampling Q</th> <th>Vardan Env</th> <th>iroLab Va</th> <th>for Discha</th> <th>rge as ner</th>	rara	meter Kequirea: As	nyirol ab Verdan Envirol ab Verdan En	Sampling Q	Vardan Env	iroLab Va	for Discha	rge as ner
9.       pH (at 25 °C)       APHA 4500-H+ B Electrometric Method:2017       7.36       -       5.5-9.0       5.5-9.0       5.5-9.0         10.       Total Suspended Solid       APHA 2540 D Gravimetric Method       51.88       mg/l       100       600       200         11.       Oil & Grease       APHA 5520 B Partition Gravimetric Method:2017       1.05       mg/l       10.0       20.0       10.0         12.       BOD (3 Days at 27 °C)       APHA, 5210 C Ultimate BOD Test:2017       24.00       mg/l       30.0       350.0       100.0         13.       COD       APHA 2520 B Open Reflux Method:2017       93.31       mg/l       250.0           14.       Conductivity       APHA 23 <sup>rd</sup> Edition, Annex 9221       100       MPN/100ml           15.       Total Coliform       APHA 23 <sup>rd</sup> Edition, Annex 9221       100       MPN/100ml           16.       E-coli       APHA 23 <sup>rd</sup> Edition, Annex 9221       10       MPN/100ml           APHA 23 <sup>rd</sup> Edition, Annex 9221       10       MPN/100ml	5. No.	Lab Vardan Envir wiroLab Vardan E	olab Vardan EnviroLab Vardan Env nyiroLab Vardan EnviroLab Vardan	viroLab Var EnviroLab	iviroLab Va ardan Envir EnvUnitab Ian EnviroL Vardan Env	In-Land Surface	CPCB Public	Land for
10.       Total Suspended Solid       APHA 2540 D Gravimetric Method       51.88       mg/l       100       600       200         11.       Oil & Grease       APHA 5520 B Partition Gravimetric Method:2017       1.05       mg/l       10.0       20.0       10.0         12.       BOD (3 Days at 27 °C)       APHA, 5210 C Ultimate BOD Test:2017       24.00       mg/l       30.0       350.0       100.0         13.       COD       APHA 5220 B Open Reflux Method:2017       93.31       mg/l       250.0           14.       Conductivity       APHA 23rd Edition, Annex 9221       1000       MPN/100ml            15.       Total Coliform       APHA 23rd Edition, Annex 9221       100       MPN/100ml            16.       E-coli       APHA 23rd Edition, Annex 9221       10       MPN/100ml            APHA 23rd Edition, Annex 9221       10       MPN/100ml             16.       E-coli       APHA 23rd Edition, Annex 9221       10       MPN/100ml            APHA Starter of the star	9,		APHA 4500-H+ B Electrometric	the Manuel and The	wirol <u>.</u> ab Va	5.5-9.0	5.5-9.0	5.5-9.0
11.       Off d Great       Method:2017       1.05       High       10.0       20.0       10.0         12.       BOD (3 Days at 27 °C)       APHA, 5210 C Ultimate BOD Test:2017       24.00       mg/l       30.0       350.0       100.0         13.       COD       APHA 5220 B Open Reflux Method:2017       93.31       mg/l       250.0           14.       Conductivity       APHA 2510 B Conductivity Meter Method:2017       676.00       μS/cm            15.       Total Coliform       APHA 23rd Edition, Annex 9221       1000       MPN/100ml            16.       E-coli       APHA 23rd Edition, Annex 9221       10       MPN/100ml            17.       Lab Analyst       Checked By)       Checked By)	10.	Total Suspended Solid		51.88	mg/l	100	600	200
12.       BOD (3 Days at 27 °C)       APHA. 5210 C Ultimate BOD Test:2017       24.00       mg/l       30.0       350.0       100.0         13.       COD       APHA 5220 B Open Reflux Method:2017       93.31       mg/l       250.0           14.       Conductivity       APHA 2510 B Conductivity Meter Method:2017       676.00       µS/cm           15.       Total Coliform       APHA 23rd Edition, Annex 9221       1000       MPN/100ml           16.       E-coli       APHA 23rd Edition, Annex 9221       10       MPN/100ml           Total Coliform       APHA 23rd Edition, Annex 9221       10       MPN/100ml            16.       E-coli       APHA 23rd Edition, Annex 9221       10       MPN/100ml            Total Coliform       APHA 23rd Edition, Annex 9221       10       MPN/100ml             I6.       E-coli       APHA 23rd Edition, Annex 9221       10       MPN/100ml            I7.       Lab Analyst       (Cheeked By)       I       I	11.	Oil & Grease	THAT MAN STANDARS IN MALLERAL STATEMENTS	1.05	mg/l	10.0	20.0	10.0
14.       Conductivity       APHA 2510 B Conductivity Meter Method:2017       676.00       µS/cm	12.	BOD (3 Days at 27 <sup>0</sup> C)	o Lab Varkian EnviroLab Vardan En	24.00	mg/l	30.0	350.0	100.0
Method:2017     Hoton       15.     Total Coliform     APHA 23 <sup>rd</sup> Edition,Annex 9221     1000     MPN/100ml	13.	COD b Vardan En	APHA 5220 B Open Reflux Method:2017	93.31	mg/l	250.0	ian Emin	RLab Va
15.     Total Coliform     APHA 23 <sup>rd</sup> Edition,Annex 9221     1000     MPN/100ml	14.	Conductivity - Envir		676.00	μS/cm	ab Vardar	Engine	ab Vard
otab Vardan EnviroLab V	15.	Total Coliform		1000	Jan Envirol	ab Varda	Etwire	lah <del>W</del> ard
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