

DLF LIMITED

DLF Galway Tower, R Block, DLF City,
Phase-III, Gurgaon-122002, Haryana (INDIA)
Tel.: +91-124-439d005 Fax: +91-124-4769292



Date: ~~17 May 2024~~
23/05/24

To,
The Member Secretary
State Level Environment Impact Assessment Authority
Bays No. 55-58, Prayatan Bhawan
Sector 2, Panchkula

Sub: Submission of six-monthly compliance report of stipulated conditions of Environmental Clearance for Proposed Group Housing Buildings in Zone 10, DLF 5 at Sector 54, Gurgaon, Haryana, for the period of October 2023 to March 2024. (Due to 1st June 2024).

Sir,

In accordance to the Environmental Clearance received from the State Environment Impact Assessment Authority (SEIAA), Haryana, for the above project vide letter no. SEIAA/HR/2022/181 dated 17.08.2022 we are submitting herewith Six-monthly Compliance Report of stipulated condition of Environment Clearance (in one soft copy in CD) for the period of **October 2023 to March 2024**.

Thanking You

Yours sincerely,
For DLF Limited


(Authorized Signatory)

Name - ALOK KUMAR .
Designation - HEAD - D&E, DLF 5.
E-mail -
Contact No. -

Encl: As stated above

Copy to:

1. The Chairman, Haryana State Pollution Control Board (HSPCB), C-11 Sector-6, Panchkula (Haryana)
2. The Regional Office, Ministry of Environment & Forest, Bay No. 24-25, Sector 31A, Chandigarh.


24/5/24
Haryana State Pollution Control Board
C-11, Sector 6, Panchkula

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Your (**Environment Clearance**) application has been **Submitted** with following details

Proposal No	SIA/HR/MIS/76126/2022
Compliance ID	72568262
Compliance Number(For Tracking)	EC/M/COMPLIANCE/72568262/2024
Reporting Year	2024
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	01-06-2024
IRO Name	Santosh Tiwari
IRO Email	bh158@ifs.nic.in
State	HARYANA
IRO Office Address	Integrated Regional Offices, Chandigarh

Note:- SMS and E-Mail has been sent to Santosh Tiwari, HARYANA with Notification to Project Proponent.

List of **Uploaded** Compliances

Sr.No.	Proposal No. / Name of Project	Compliance No./ EC Letter Number	State and District	Year of Compliance	Period of Compliance	Remarks	Uploaded Date	Status	View
1	SIA/HR/MIS/76126/2022 Proposed Group Housing Buildings in Zone 10, DLF 5, at Sector-54 Gurugram, Haryana by M/s DLF Ltd	EC/M/COMPLIANCE/72568262/2024 SEIAA/HR/2022/181	HARYANA GURUGRAM	2024	01 Jun(01 Oct - 31 Mar)		01-06-2024	Submitted Successfully	View Report View Documents
2	SIA/HR/MIS/76126/2022 Proposed Group Housing Buildings in Zone 10, DLF 5, at Sector-54 Gurugram, Haryana by M/s DLF Ltd	EC/M/COMPLIANCE/28688190/2023 SEIAA/HR/2022/181	HARYANA GURUGRAM	2023	01 Dec(01 Apr - 30 Sep)		04-12-2023	Submitted Successfully	View Report View Documents



Vardan Compliance <compliance@vardan.co.in>

Half yearly compliance report for submission period Oct'23 to Mar'24 for M/s DLF Ltd. Group Housing Building in Zone 10, DLF 5 at Sector 54, Gurgaon, Haryana

Alok kumar <dlfldcrest2@gmail.com>
To: ecompliance-nro@gov.in
Cc: compliance@vardan.co.in

Sat, Jun 1, 2024 at 4:46 PM

Respected Sir,

Please find enclosed half yearly compliance report for submission period **Oct'23 to Mar'24** for M/s DLF Ltd. Group Housing Building in Zone 10, DLF 5 at Sector 54, Gurgaon, Haryana

Yours Sincerely

 **DLF Crest 2.pdf**
9250K

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1

INTRODUCTION

1.1 Introduction

M/s DLF limited has proposed Group Housing Building in Zone 10, DLF 5 at Sector 54, Gurgaon, Haryana

This Project has obtained Environmental Clearance from State Environmental Impact Assessment Authority (SEIAA), Haryana, with certain conditions.

1.2 Purpose of the Report

As per the "Sub Para (i)" of "Para 10" of EIA Notification 2006, it is stated that *"It shall be mandatory for the project proponent to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the concerned regulatory authority, on 1st June and 1st December of each calendar year"* and as per compliance condition mentioned in Environment Clearance Letter.

The regulatory authorities in this case are SEIAA, Punchkula, MoEF& CC, Chandigarh, HSPCB, Panchkula and MoEF Delhi. Various scheduled Site Visits were conducted by a team of Experts to Monitor Pollution related parameters as defined by CPCB / HSPCB. Samples for water and soil were also collected by NABL/MoEF approved laboratory for analysis.

Based on the Specific and General Conditions mentioned in the EC Letter, a Compliance Report has been prepared and submitted regularly to the authority.

The Environmental assessment has been carried out to verify:

- 1) The proposed project has not any adverse effect on the project site as well as it's surrounding.
- 2) There is compliance with the conditions stipulated in the Environmental Clearance Letter.
- 3) The Project proponent is implementing the environmental safeguards in true spirit.
- 4) The non-conformity in the project with respect to the environmental implication of the project.
- 5) The project proponent is implementing the environmental pollution mitigative measures as suggested in approved Form-1 and Form - 1A, Environmental Management Plan and Building Plan.

1.3 Methodology for Preparation of Report is as follows:

- 1) Study of EC Letter & Related Documents,
- 2) Site Visits by a Team of Experts,
- 3) Monitoring of Environment Parameters, viz. Ambient Air, Water, and Noise& Soil by the NABL/MoEF lab.
- 4) Interpretation of Monitoring Results.
- 5) Preparation of half yearly Environmental Compliance Report.

1.4 Generic Structure of Report:

- 1) Purpose of the Report, explaining the need of a Compliance Report and Methodology Adopted for preparation of Report.
- 2) Compliance Report, explaining the entire General & specific conditions in the EC Letter and providing details w.r.t. each condition/ guideline.
- 3) Monitoring Reports & Analysis, showing the level of emission within the project site for various Environment Parameters.
- 4) Photographs showing status of the project and site.
- 5) Supporting Documents which are mandatory for the project.

1.5 Construction Status:

- **Constructions is Going on.**

2

ADHERENCETOSPECIFICANDGENERAL CONDITIONS

A. Specific Conditions:

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration achieve standards ordered by NGT. The Treated effluent from STP shall be recycled/ reused for flushing. DG cooling and Gardening.	<i>Noted & Agreed.</i>
2.	The PP shall also develop the Miyawaki Forest as proposed in the EMP with the capital cost and maintain the same. The Miyawaki forest shall be developed under the guidance of MD Forest Corporation Haryana.	<i>Agreed. We will develop the forest as it was proposed in the EMP under the guidance of MD Forest Corporation of Haryana.</i>
3.	PP shall submit revised Solar panel capacity as per HAREDA norms.	<i>Agreed and the same will be submitted as per the norms.</i>
4.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria	<i>Noted. The monitoring plan will be devised to monitor the fecal coliforms and other pathogenic bacteria of the treated waste water being used for flushing.</i>
5.	The PP shall ensure that total 2% of the cost of project shall be spent on EMP Budget. However, the amount and component shown in EMP table above shall also be included for the purpose of 2% amount. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.	<i>Noted and will be fulfilled in course of time.</i>
6.	The PP shall not carry out any construct above and below revenue rasta if passing through the project and ensure that permission of the competent authority shall be obtained before carry out any construction above or below the revnue rasta. The PP shall put notice board on the revenue rasta for the passer byes.	<i>Agreed and the same will be complied.</i>
7.	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	<i>We assure that we will upload the status of compliance of the basic details, stipulated environment clearance conditions, including results of monitored data on the website.</i>
8.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.	<i>A third party study will be commissioned on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems etc.</i>

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9.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid shall be segregated in to wet garbage and inert materials. Wet Garbage shall compost in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from the project will sent to solid waste dumping site through authorized vender	<i>Noted. Separate wet and dry bins will be provided in each unit and at ground level for facilitating segregation of waste. OWC will be installed to manage the organic waste.</i>
10.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05 kms radius of the site in different scenarios of space and time.	<i>The area around the project is mostly developed & has well connectivity to the roads. Proper Parking spaces & road network shall be developed within the project to avoid any congestion. Project's Parking & Traffic circulation plan has also been submitted during the EC presentation. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided by providing separate & wide Entry & Exit & by adopting single way traffic movement wherever feasible.</i>
11.	No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 3349 m2 (25% of net plot area) shall be provided for Green Area development for whole project, excluding plot areas	<i>Agreed and complied. No tree cutting shall be done without prior permission from the concerned authority.</i>
12.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	<i>Noted. License & Change of Developer from Town and Country Department, Fire NOC, etc. have already been obtained. The project will be developed in accordance with the local building byelaws.</i>
13.	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.	<i>Agreed and will be obtained.</i>
14.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipment's etc. as per National Building Code including protection measures from lightening etc.	<i>Structure Safety Certificate (BR V) and Firefighting Scheme has also been obtained and the same is attached as Annexure - 2</i>
15.	The PP shall obtain the fire NOC from the Competent Authority before taking the Occupation the Building.	<i>Agreed and the same will be obtained.</i>
16.	The PP Install the Eco Friendly Green Transformer based on ester oil to reduce the Carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the So2 load by 30% if HSD is. Used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency	<i>Noted.</i>
17.	The PP shall not give occupation or possession before the water supply and sewage connection permitted by the competent authority	<i>Agreed & Complied Water assurance has been obtained and the copy of water assurance is attached as Annexure - 3</i>

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18.	The PP shall not give occupation or possession before the electricity connection permitted by the competent Authority.	<i>The Power Assurance has also been obtained from the DHBVN. Electricity is being provided by DHVBN. And, the copy of same is attached as Annexure - 4</i>
19.	The PP Shall obtain the permission regarding the withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the Approval from CGWA.	<i>Noted and will be complied when it is required.</i>
20.	The PP shall carry out the quarterly awareness programs for the stakeholders of the project	<i>Noted and same will be complied.</i>
21.	08 Rain water harvesting recharge pits shall be provided for ground water recharging as per the CGWA Norms.	<i>Noted 8 Rain water harvesting pits will be provided at the completion of construction work.</i>
22.	The PP shall installed digital water level recorder from Monitoring the water recharge and carry out quarterly maintenance and cleaning of 8 RWH Pits.	<i>Noted. Proper maintenance of records will be done at the project site.</i>
23.	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.	<i>Noted and the same will be complied as per the norms.</i>
24.	The PP may provide electric charging stations to facilitate electric vehicle commuters	<i>Agreed.</i>
25.	The PP shall provide the anti- smog gun mounted on Vehicle in the project for suppression of dust during construction & operational phase and shall use the treated water. If feasible.	<i>Agreed. We will install the anti-smog gun during the construction as well as operational phase.</i>
26.	The PP shall take preventive measures including water sprinkling to control dust during construction & operational phase.	<i>Noted and will be done regularly at the project site. Construction material is being stored with cover and tarpaulins so that no dust emission occurs at and around the site. Dust Mitigation measures and water sprinkling system has been provided at site during construction.</i>
27.	Any change in stipulation of EC Will lead of Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.	<i>Agreed. We have obtained revised Environment Clearance for Expansion of the project due to increase in built up area.</i>

B. Statutory Compliance:

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority for ground coverage, FAR and should be in accordance with zoning plan approved by Competent Authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	<i>License & Change of Developer from Town and Country Department, Fire NOC, etc. have already been obtained. The project will be developed in accordance with the local building byelaws.</i>
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightning etc.	<i>Structure Safety Certificate (BR V) and Firefighting Scheme has also been obtained and the same is attached as Annexure - 2</i>
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project	<i>NOC from Forest Department has been obtained and the copy of same is attached as Annexure-5</i>
4.	The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act 1981 and the Water (Prevention &	<i>Necessary clearances, licenses and approvals have been obtained from competent authorities as per the requirement.</i>

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	Control of Pollution) Act, 1974 from the Haryana State Pollution Control Board.	<i>Copy of Aravalli clearance is attached as Annexure-6</i>
5.	The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the Competent authority.	Agreed & Noted. No Objection Certificate/Clearance for ground water extraction will be obtained from the competent authority before extraction of ground water.
6.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	<i>Power supply assurance certificate obtained for the load of 5874 KW from DHBVN vide memo no. Ch-60/DGR-26 B dated 05.04.2022.</i>
7.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, fire Department, Civil aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	<i>As this is a construction project, no major amount of diesel will be stored at site. Hence NOC is not required and the same will be obtained as and when required. However, all other clearances/NOCs as per requirement have been obtained.</i>
8.	The provisions of the Solid waste (Management Rules, 2016, e-Waste (Management) Rules, 2016, and the plastic Waste (Management) Rules, 2016 shall be followed.	<i>The solid waste generated will be properly collected and segregated as per the requirement of the SWM Rules, 2016 and as amended from time to time. Biodegradable waste will be treated in Organic Waste Converter within the complex. The other wastes shall be given to authorized vendors.</i>
10.	The project proponent shall follow the ECBC Act/ ECBC-Rules prescribed by Bureau of Energy Efficiency, Ministry of Power strictly in addition of bylaws of the state Government.	<i>Energy Conservation Building Code will be complied.</i>

I. Air Quality Monitoring and Preservation

S. No.	Conditions of Environmental Clearance	Status of Compliance
i	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	<i>Noted for the compliance. Dust Mitigation measures and water sprinkling system will be provided at site during construction.</i>
ii	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	<i>Low sulphur diesel type DG sets will be used during construction phase.</i>
iii	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	<i>Monitoring reports will be submitted on regular basis. Same is attached as Annexure 1</i>
iv	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of ultra-low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board	<i>Noted and the same will be complied.</i>
v	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter	<i>Noted and the same will be complied.</i>

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	height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	
vi	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	<i>Construction material will be stored with cover and tarpaulins so that no dust emission occurs at and around the site.</i>
vii	Wet jet shall be provided for grinding and stone cutting.	<i>Agreed and will be complied</i>
viii	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	<i>Water sprinkling shall be done in the project area to suppress the dust particles, when required.</i>
ix	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.	<i>Construction debris will be stored and used within the project to the extent possible and the excess will be disposed safely so that it would not create any adverse effects on environment as well as nearby societies.</i>
x	The diesel generator sets to be used during construction phase shall be ultra-low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	<i>Diesel generator sets will be used for construction phase with ultra-low sulphur diesel used at the project site; noise and emissions within the permissible limits.</i>
xi	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Ultra low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	<i>Noted and Agreed.</i>
xii	For indoor air quality the ventilation provisions as per National Building code of India.	<i>Building will be designed as per NBC and indoor air quality ventilation will be designed accordingly.</i>

II water quality monitoring and preservation

S. No.	Conditions of Environmental Clearance	Status of Compliance
[i]	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio- swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	<i>Noted and the same will be complied as per the condition.</i>
[ii]	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	<i>Noted and agreed.</i>
[iii]	Total fresh water use shall not exceed the proposed requirement as provided in the project details. The per capita supply should adhere to NBC 2016 and CGWA Notification dated 12.12.2018.	<i>Noted.</i>
[iv]	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC/SEIAA along with six monthly Monitoring reports.	<i>Flow meters will be installed during operational phase for measuring and maintaining water consumption records for different usages. And there after records will be submitted to Regional Office and MoEF&CC along with six monthly compliances.</i>
[v]	A certificate shall be obtained from the local body	<i>Water assurance from HSVP has been obtained by the</i>

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S. No.	Conditions of Environmental Clearance	Status of Compliance
	supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the Project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	<i>project proponent.</i>
[vi]	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	<i>Noted. Building bye-laws shall be followed and at least 20% of the open spaces as required shall be kept pervious.</i>
[vii]	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	<i>Dual plumbing lines will be installed in the project for supplying fresh water for drinking, cooking and bathing etc. and recycled water for flushing, landscape irrigation etc.</i>
[viii]	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	<i>Noted. Feasible water saving devices/ fixtures will be adopted.</i>
[ix]	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system are done.	<i>Noted and will be complied</i>
[x]	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	<i>Pre-mixed concrete, curing agents are being used wherever applicable to reduce the water demand during construction.</i>
[xi]	The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	<i>08 No. of RWH pits are proposed to be developed for recharging the rain water to ground.</i>
[xii]	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	<i>08 No. of RWH pits are proposed to be developed for recharging the rain water to ground. No Ground water will be used without approval from the competent authority.</i>
[xiii]	All recharge should be limited to shallow aquifer.	<i>Noted and will be complied.</i>
[xiv]	No ground water shall be used during construction phase of the project.	<i>Noted. Water requirement will be met through HUDA water supply.</i>
[xv]	Any groundwater dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	<i>Noted. No Ground water will be used without approval from the CGWA.</i>
[xvi]	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project	<i>Flow meters will be installed during operational phase for measuring and maintaining water consumption records for different usages. And there after records will be</i>

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S. No.	Conditions of Environmental Clearance	Status of Compliance
	proponent. The record shall be submitted to the Regional Office, MoEF&CC/SEIAA along with six monthly Monitoring reports.	<i>submitted to Regional Office and MoEF&CC along with six monthly compliances.</i>
[xvii]	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re- used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drains.	<i>Noted and same will be complied.</i>
[xviii]	No sewage or untreated effluent water would be discharged through storm water drains.	<i>No untreated water will be discharged through storm water drains. Only excess STP treated water shall be discharged to the Municipal sewer line as per the assurance obtained.</i>
[xix]	Onsite sewage treatment of capacity of treating 100% waste water to be installed the installation of the sewage treatment plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	<i>Noted and Agreed.</i>
[xx]	Periodical monitoring of water quality of treated sewage shall be Conducted. Necessary measures should be made to mitigate the odour problem from STP.	<i>Noted and same will be complied.</i>
[xxi]	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	<i>Sludge generated from the Sewage Treatment Plant shall be pressed in the filter press, the filtered sludge shall be treated in OWC & will be used in the project site in landscaping purpose.</i>

III. Noise monitoring and prevention.

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	Ambient noise levels shall conform to residential area/ commercial area/ industrial area/ silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.	<i>Regular monitoring will be carried out on the project site to monitor the parameters as per the norms.</i>
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry/ SEIAA as a part of six-monthly compliance report.	<i>Regular monitoring will be carried out and the report will be submitted with the six monthly compliance reports to the Ministry/SEIAA. The copy of Lab report is attached as Annexure-1</i>
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise	<i>Acoustically enclosed DG sets and ear plugs for the operating personnel will be provided at the project site as mitigation measures for noise impact due to ground</i>

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impact due to ground sources.

sources.

IV. Energy Conservation measures

S. No.	Conditions of Environmental Clearance	Status of Compliance
(i)	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency as per ECBC Act, 2017 read with ECBC Rules, 2018 shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC also which is no case shall be less than 25% as prescribed.	<i>Energy Conservation Building Code will be complied.</i>
(ii)	Outdoor and common area lighting shall be LED.	<i>LED Lights will be provided for the outdoor and common area to reduce electricity load on power grid.</i>
(iii)	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. Shall be incorporated in the building design. Wall, window, and roof R & U-values shall be as per ECBC specifications.	<i>We will ensure to comply with ECBC norm during building design.</i>
(iv)	Energy conservation measures like installation of CFL/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	<i>Energy conservation measures shall be adopted by maximum use of LED lights and other energy efficient devices.</i>
(v)	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-law's requirement, whichever is higher.	<i>Solar panels as per HREDA norms shall be installed.</i>
(vi)	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	<i>The mandatory requirement of solar water heating system has been omitted by HAREDA vide its order dated 14.03.2016. Necessary provision of solar panel will be made as per prevailing HAREDA norms in operation phase.</i>
(vii)	The PP will submit report indicating compliance of each parameter of ECBC requirement and submit Quantification saving report for each component.	<i>Noted and will be complied.</i>

V. Waste Management

S. No.	Conditions of Environmental Clearance	Status of Compliance
(i)	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to Cater to the M.S.W. generated from project shall be obtained.	<i>We will ensure that disposal of muck during development and construction of the project not creates any adverse effect on nearby communities. Hazardous waste will be disposed off through authorized vendors.</i>
(ii)	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of	<i>Disposal of waste generated during construction phase will be disposed off through authorized vendors.</i>

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	people, only in approved sites with the approval of competent authority.	
(iii)	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	<i>Separate wet and dry bins will be provided in each unit. Solid waste will be segregated and OWC will be installed for composting the wet garbage and the inert waste from project will be sent to dumping site through authorized vendor only.</i>
(iv)	Organic Waste Converter within the premises with a minimum capacity of 0.5 kg /person/day must be installed. Leaves to be put in earmarked pits for Converting them into compost to be used as manure.	<i>Organic Waste Converter within the premises with a required capacity shall be installed. Leaves to be put in the pits and shall be converted into compost to be used as manure for the plantation at the project site.</i>
(v)	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	<i>All non-biodegradable waste wastes shall be disposed through MCG authorized vendor.</i>
(vi)	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	<i>Any hazardous waste generated from the site will be handed over to the authorized vendors as per the norms.</i>
(vii)	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	<i>Ready mixed concrete and other environment friendly material like Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks will be used as construction material.</i>
(viii)	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27 th August, 2003 and 25 th January, 2016. Ready mixed concrete must be used in building construction.	<i>We will use fly ash to the maximum extent. Fly ash will be used for bricks and for cementing purpose.</i>
(ix)	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	<i>We will make sure that construction waste will be used within the site for backfilling or making temporary or permanent roads.</i>
(X)	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	<i>The discarded LEDs will be collected and handed over to the authorized e-waste recyclers.</i>

VI. Green Cover

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	No tree can be felled/ transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	<i>The land to be developed for the project is a vacant land. No trees or plants have been cut. During project development 30% of land will be developed for landscaping as per the proposed plan.</i>
2.	A minimum of 1 tree (5" tall) for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	<i>Adequate green area shall be developed & maintained in the project</i>
3.	Where the trees need to be cut with prior permission	<i>We will comply with the condition.</i>

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	from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for greenbelt development shall be provided as per the details provided in the project document.	
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	<i>Excavated top soil during construction phase will be stored properly to be later used in horticulture landscaping & land filling.</i>

VII. Transport

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	A comprehensive mobility plan as per MoUD best practiced guidelines (URDPFI) shall be prepared to include motorized, non- motorized, public and private networks. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit point. d. Parking norms as per local regulation.	<i>Noted and Agreed.</i>
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	<i>Vehicles operated during construction will be allowed to enter only with valid Pollution Under Control (PUC) certificates. Vehicle during operation phase shall also be guided to have valid PUC certificates.</i>
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 0 kms Radius of the project is maintained and improved management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation components	<i>Proper Parking spaces & road network shall be developed within the project to avoid any congestion. Project's Parking & Traffic circulation plan has also been submitted during the EC presentation. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided by providing separate & wide Entry & Exit & by adopting single way traffic movement wherever feasible.</i>

VIII. Human health issues

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	<i>Proper PPE kits like helmet, jackets, shoes and dust masks will be provided to all workers working in the construction site.</i>
2.	For indoor air quality the ventilation provisions as per National Building Code of India.	<i>Building will be designed as per NBC and indoor air quality ventilation will also be designed accordingly</i>

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3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	<i>Noted and will be complied.</i>
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<i>Agreed and the same will be complied as per the requirement at the time of construction.</i>
5.	Occupational health surveillance of the workers shall be done on a regular basis.	<i>The proper health check-ups shall be done for the workers on a regular basis.</i>
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.	<i>First Aid facilities will be provided at site during construction phase and first aid facilities shall also be provided during the operation phase.</i>

IX. Corporate Environment Responsibility

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	The project proponent shall comply with the provisions of CER, as applicable.	<i>Noted. Corporate Environment Responsibility (CER) shall be performed during the tenure of construction & monitoring report shall be submitted in the half yearly compliance report once the CER activities are started.</i>
2.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/violation of the environmental / forest / wild life norms / conditions and / or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC/ SEIAA as a part of six-monthly report.	<i>Noted and will be complied.</i>
3.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	<i>Noted. Separate environmental cell will be appointed at the project site that will be responsible for all the environmental activities and will directly report to the head of the organization.</i>
4.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office/SEIAA along with the Six Monthly Compliance Report.	<i>Will be complied.</i>

X. Miscellaneous

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S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	<i>We have already complied with the condition. Copy of Advertisement has already been submitted with the initial compliance report.</i>
2.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	<i>Copies of environmental Clearance have been submitted to Municipal Corporations, Local Body and NGOs.</i>
3.	The project proponent shall upload the status of compliance of the Stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	<i>Noted and the same will be complied.</i>
4.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at Environment Clearance Portal.	<i>We will regularly submit the compliance reports to the concerned departments.</i>
5.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	<i>Form- V for each financial year shall be submitted every year & shall simultaneously be uploaded on the website, as per the required conditions during operational phase of the project.</i>
6.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	<i>Noted and will be complied.</i>
7.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	<i>Agreed and noted.</i>
8.	The project proponent shall abide by all the commitments and recommendations made in the form-IA, Conceptual Plan and also that during their presentation to the Expert Appraisal Committee	<i>Agreed and noted</i>
9.	No further expansion or modifications in the plan shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)/SEIAA, Haryana. The project proponent shall seek fresh environmental clearance under EIA notification 2006 if at any stage there is change of area of this project.	<i>Noted. The Fresh environmental clearance will be applied before any change of area of this project.</i>
10.	Any change in planning of the approved plan will leads to environment. Clearance void-ab-intio and PP will have to seek fresh Environment Clearance	<i>Noted and Agreed Fresh environmental clearance will be applied before any change in the approved plan.</i>
11.	The PP should give unambiguous affidavit giving land Promoters in accordance with your ownership and possession of land legal the case referred for Environment Clearance to SEIAA.	<i>Noted and complied.</i>
12.	Concealing factual data or Submission of false/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	<i>Noted.</i>

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13.	The Ministry/ SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<i>Agreed.</i>
14.	The Ministry/SEIAA reserve the right to stipulated additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	<i>Noted and agreed.</i>
15.	The regional Office of this Ministry shall monitor compliance of the stipulated conditions. The Project authorities should extend full Cooperation to the officer (s) of the Regional office by furnishing the requisite data/information/monitoring report.	<i>Noted and agreed. We will provide full cooperation the officers of the Regional office during the visit at the project site.</i>
16.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1981 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any and any others Courts of Law relating to the subject matter.	<i>Noted and agreed.</i>
17.	The validity of this environment clearance letter is valid up to 10 years from the date of issuance of EC letter (As per MoEF & CC, GoI Notification dated 12.04.2022). The environment clearance conditions applicable till life space project will continue to apply. In case of violation the action would be taken as per the laid down law of land. Compliance report should be sent to this office till life of the project	<i>Noted and agreed. The compliance report will be submitted to the concerned departments till the life of the project.</i>
18.	If project is not completed within the validity period then the project proponent shall submit the application for extension of validity within one month before the lapse of validity period of Environment clearance i.e. 10 years.	<i>Agreed & Noted.</i>
19.	The Project Proponent should intimate to the Authority as well as to the quarter concerned in case of any change in the present communication address.	<i>Agreed and the same will be complied as per the condition of the EC.</i>

3

DETAILS OF ENVIRONMENTAL MONITORING

3.1 AMBIENT AIR QUALITY MONITORING

3.1.1 Ambient Air Quality Monitoring Stations

Ambient air quality monitoring has been carried out at 3 locations: Near Main Gate, Centre of the Project and near Back Side of Project. This will enable to have a comparative analytical understanding about air quality and the changes in the air environment in the study area with respect to the condition prevailing. The locations of the ambient air quality monitoring stations are given in **Table 3.1**.

Table 3.1 Details of Ambient Air Quality Monitoring Stations

S. No.	Location	Location Name/ Description
1.	AAQ 1	Near Main Gate
2.	AAQ 2	Centre of the Projects
3.	AAQ 3	Back Side of the Project

AAQ-1: Near Main Gate

The sampler was placed near main gate of project site and was free from any obstructions. Surroundings of the sampling site represent Commercial environmental setting

AAQ-2: Centre of the Project

The sampler was placed near Centre of the project. Vicinity represents Commercial environmental setting.

AAQ-3: Back Side of the Project

The sampler was placed near Project Site. Vicinity represents commercial environmental setting.

3.1.2 Ambient Air Quality Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Particulate Matter (PM_{2.5})
- Particulate Matter (PM₁₀)
- Sulphur Dioxide (SO₂)
- Oxides of Nitrogen (NO_x)
- Carbon Monoxide (CO)

Installation of Respirable Dust sampler (RDS) & Fine Particulate Sampler (FPS) was done with the attachment for the 24 hourly ambient air qualities monitoring as per Gazette Notification 16th November 2009.

The air samples were analyzed as per standard methods specified by Central Pollution Control Board (CPCB) and IS: 5182. The techniques used for ambient air quality monitoring and minimum detectable levels are given in **Table 3.2**.

Fine Particulate Sampler instruments have been used for monitoring Particulate Matter 2.5 (PM_{2.5} i.e. <2.5 microns), and Respirable Dust Sampler was used for sampling Respirable fraction

(<10 microns), gaseous pollutants like SO₂, and NO_x. Bladder and Aspirator bags were used for collection Carbon Monoxide samples. Gas Chromatography techniques have been used for the estimation of CO.

Table 3.2 Techniques used for Ambient Air Quality Monitoring

S. No.	Parameter	Technique	Technical Protocol
1	Particulate Matter 2.5	Fine Particulate Sampler, Gravimetric Method	#SOP No. VEL/SOP/01, Section No. SP 63
2	Particulate Matter 10	Respirable Dust Sampler, with cyclone separator, Gravimetric Method	IS-5182 (Part-23)
3	Sulphur dioxide	Modified West and Gaeke	IS-5182 (Part- 2)
4	Oxides of Nitrogen	Jacob & Hochheiser	IS-5182 (Part-6)
5	Carbon Monoxide	Gas Chromatography	IS-5182 (Part-10)

3.1.3 Ambient Air Quality Monitoring Results

The Detailed on-site monitoring results of PM_{2.5}, PM₁₀, SO₂, NO_x and CO are presented in **Table 3.3**.

Table 3.3 Ambient Air Quality Monitoring Results

S.No.	Parameter	AAQ1	AAQ2	AAQ3	NAAQS*
1.	Particulate Matter (PM10)	98.45	95.34	96.54	100
2.	Particulate Matter(PM2.5)	51.24	46.25	58.15	60
3.	Nitrogen Dioxide(NO2)	15.75	13.74	35.15	80
4.	Sodium Dioxide(SO2)	8.24	9.65	10.85	80
5.	Carbon Monoxide (CO)	0.86	0.80	0.88	4

*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009

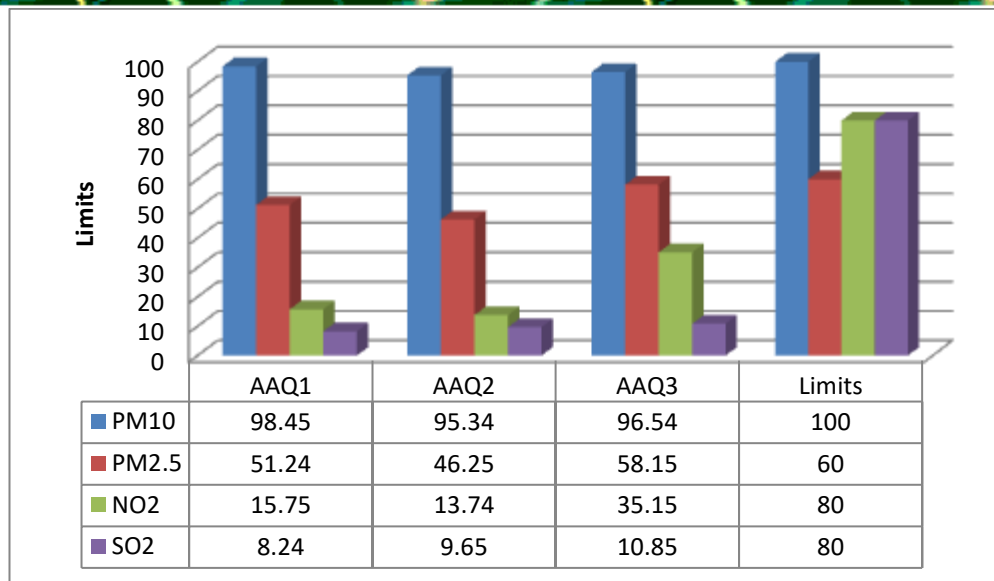


Figure 3.1 Location-wise Variation of PM_{2.5}, PM₁₀, NO₂ & SO₂ Ambient Air Quality

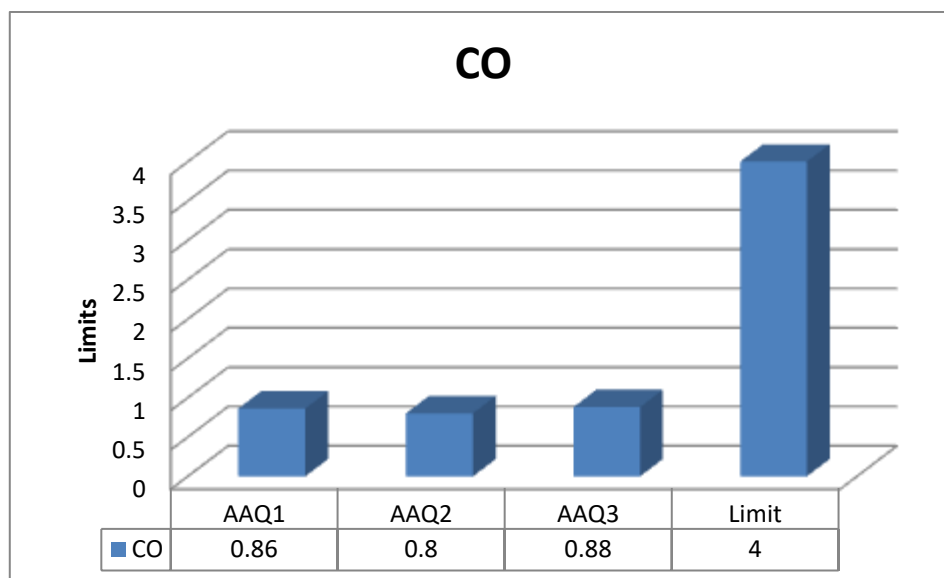


Figure 3.2 Location-wise Variation of CO in Ambient Air Quality

3.1.4 Discussion on Ambient Air Quality in the Study Area

PM₁₀ and PM_{2.5} levels at the project site are in the permissible limit of 100 µg/m³ and 60 µg/m³ respectively in all the areas (for commercial, rural and other areas as stipulated in the National Ambient Air Quality Standards). SO₂, NO_x and CO was observed within the corresponding stipulated limits (Limit for SO₂ and NO_x: 80 µg/m³ and limit for CO: 4.0 mg/m³) at all monitoring locations. Station wise variation of ambient air quality parameters has been pictorially shown in **Figure 3.1&3.2**.

3.2 AMBIENT NOISE MONITORING

3.2.1 Ambient Noise Monitoring Locations

The main objective of noise monitoring in the study area is to assess the present ambient noise levels near Main Gate, Near Project Site and Near Back Side of Project due to various construction allied activities and increased vehicular movement. A preliminary reconnaissance survey has been undertaken to identify the major noise generating sources in the area. Ambient noise monitoring was conducted at three locations at the boundary of the project site as given in **Table 3.4**.

Table 2.4 Details of Ambient Noise Monitoring Stations

S. No.	Location Code	Location Name/ Description
1.	N1	Near Main Gate
2.	N2	Centre of the Project
3.	N3	Back Side of the Project

3.2.2 Methodology of Noise Monitoring

Noise levels were measured using sound level meter Noise level monitoring was carried out continuously for 24-hours with one hour interval starting at 06:00am to 06:00am next day. The noise levels were monitored on working days only. During each hour Leq were directly computed by the instrument based on the sound pressure levels. Monitoring was carried out at 'A' response

and fast mode.

3.2.3 Ambient Noise Monitoring Results

The location wise ambient noise monitoring results is summarized in **Table 3.5**. The location-wise variation of noise levels are graphically presented in **Figure 3.2**.

Table 3.5 Ambient Noise Monitoring Results

Parameters	N1		N2		N3	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Leq	51.32	44.25	50.85	42.12	50.85	41.48
CPCB Limits in dB(A) Leq (Residential Area)	55.0	45.0	55.0	45.0	55.0	45.0

3.2.4 Discussion on Ambient Noise Levels in the Study Area

Day Time Noise Levels (L_{day}):

The day time noise level at all the locations were found to within limits prescribed for Residential area i.e. 65 dB (A).

Night Time Noise Levels (L_{night}):

The night time noise level at all the locations were found to within limit prescribed for Residential area i.e. 55 dB (A).

3.3 SOIL MONITORING

3.4.1 Soil Monitoring Locations

The objective of the soil monitoring is to identify the impacts of ongoing project activities on soil quality and also predict impacts, which have arisen due to execution of various constructions allied activities. Accordingly, a study of assessment of the soil quality has been carried out.

To assess impacts of ongoing project activities on the soil in the area, the Physico-chemical characteristics of soils were examined by obtaining soil samples from selected points and analysis of the same. Single sample of soil was collected from the project site for studying soil characteristics, the location of which is listed in **Table 3.6**.

Table 3.6 Details of Soil Quality Monitoring Location

S. No.	Location Code	Location Name/ Description
1.	S1	Project Site

3.4.2 Methodology of Soil Monitoring

The sampling has been done in line with IS: 2720 & Methods of Soil Analysis, Part-1, 2nd edition, 1986 of American Society for Agronomy and Soil Science Society of America. The homogenized samples were analyzed for physical and chemical characteristics (physical, chemical and heavy metal concentrations). The soil samples were collected in the month of **March 2024**

The samples have been analyzed as per the established scientific methods for Physico-chemical parameters. The heavy metals have been analyzed by using Atomic Absorption Spectrophotometer.

3.4.3 Soil Monitoring Results

Single sample of soil is collected from the site to check the quality of soil of the study area .The physico-chemical characteristics of the soil, as obtained from the analysis of the soil sample, are presented in **Table 3.9**.

Table 3.9 Physico-Chemical Characteristics of Soil in the Study Area

S. No.	Parameter	Test-Method	Result	Unit
1.	pH (at 25 °C)	IS : 2720 (P-26)	7.25	--
2.	Conductivity	IS:14767	0.298	mS/cm
3.	Soil Texture	VEL/STP/EN/64, Issue No.- 01, 01/11/2021	Sandy Loam	--
4.	Color	VEL/STP/EN/67, Issue No.- 01, 01/11/2021	Yellowish Brown	--
5.	Water holding capacity	VEL/STP/EN/86, Issue No.- 01, 01/11/2021	31.78	%
6.	Bulk density	VEL/STP/EN/59, Issue No.- 01, 01/11/2021	1.52	gm/cc
7.	Chloride	VEL/STP/EN/69, Issue No.- 01, 01/11/2021	20.35	mg/100g m
8.	Calcium	VEL/STP/EN/72, Issue No.- 01, 01/11/2021	23.86	mg/100g m
9.	Sodium	VEL/STP/EN/62, Issue No.- 01, 01/11/2021	135.45	mg/kg
10.	Potassium	VEL/STP/EN/61, Issue No.- 01, 01/11/2021	98.65	kg/ha.
11.	Organic Matter	IS 2720 (P-22), Titrimetric Method	0.35	%
12.	Magnesium	VEL/STP/EN/72, Issue No. 01, 01/11/2021	10.94	mg/100g m
13.	Available Nitrogen	IS:14684 Distillation Method	124.23	kg./ha.
14.	Available Phosphorus	VEL/STP/EN/73, Issue No.- 01, 01/11/2021	15.68	kg./ha.
15.	Zinc	VEL/STP/HW/03, Issue No.- 01, 01/11/2021	1.85	mg/kg
16.	Manganese	VEL/STP/HW/03, Issue No.- 01, 01/11/2021	2.35	mg/kg
17.	Lead	VEL/STP/HW/03, Issue No.- 01, 01/11/2021	0.56	mg/kg
18.	Cadmium	VEL/STP/HW/03, Issue No.- 01, 01/11/2021	BLQ(LOQ - 0.5)	mg/kg
19.	Chromium	VEL/STP/HW/03, Issue No.- 01, 01/11/2021	0.64	mg/kg
20.	Copper	VEL/STP/HW/03, Issue No.- 01, 01/11/2021	1.98	mg/kg

3.4.4 Discussion on Soil Characteristics in the Study Area

The soil in study area is characterized by moderate organic content. The soil quality in the project area has not been affected by the project activities.

3.4.1 Drinking water Quality Monitoring Locations

Keeping in view the importance of drinking water, sample of drinking water was collected from the project site for the assessment of impacts of the project on the drinking water quality.

Water sample was collected from the project site. The sample was analyzed for various parameters to compare with the standards for drinking water as per IS 10500-2012, APHA 22nd Edition 2012 for drinking water sources. The details of water sampling locations are given in **Table 3.10**.

Table 3.10 Details of Water Quality Monitoring Station

S. No.	Location Code	Location Name/ Description
1.	DW 1	(Drinking water)

3.4.2 Methodology of drinking water Quality Monitoring

Sampling of drinking water was carried out on **March 2024** and sampling forms are filled in as per the sampling plan. Sample for chemical analysis was collected in polyethylene carboys. Sample collected for metal content were acidified to <2 pH with 1 ml HNO₃. A sample for bacteriological analysis was collected in sterilized glass bottles.

Soon after the completion of sampling, chain of custody sheets for the samples are filled in and then they were transported by road to VardanEnviro Lab, Gurgaon for further analysis. Proper care was taken during packing and transportation of samples. All the samples reached the central laboratory within the holding times for different parameters. After ensuring the same the samples were forwarded immediately for analysis.

The samples were analyzed as per the standard procedures specified in 'Standard Methods for the Examination of Water and Wastewater' published by American Public Health Association (APHA) and CPCB. The analytical techniques and the test methods adopted for testing of drinking water are given in **Table 3.11**.

3.5.3 Drinking water Quality Monitoring Results

The detailed Drinking water quality monitoring results are presented in **Table 3.11**

Table 3.11 Drinking water Quality Monitoring Results

S. No.	Parameter	Test-Method	Result	Unit	Limits of IS:10500 -	
					Requirement (Acceptable Limits)	Permissible limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS3025 (P-11)	7.58	--	6.5 to 8.5	No Relaxation
2.	Colour	IS3025 (P-4)	BLQ(LOQ-1.0)	Hazen	5	15
3.	Turbidity	IS3025 (P-10)	BLQ(LOQ-1.0)	NTU	1	5
4.	Odour	IS3025 (P-5)	Agreeable	--	Agreeable	Agreeable
5.	Taste	IS3025 (P-8)	Agreeable	--	Agreeable	Agreeable
6.	Total Hardness (as	IS3025 (P-21)	128.00	mg/l	200	600
7.	Calcium (as Ca)	IS3025 (P-40)	68.45	mg/l	75	200
8.	Alkalinity (as CaCO ₃)	IS3025 (P-23)	158.00	mg/l	200	600
9.	Chloride (as Cl)	IS 3025 (P-32)	102.00	mg/l	250	1000
10.	Cyanide (as CN)	IS 3025 (P-27)	BLQ(LOQ-0.02)	mg/l	0.05	No
11.	Magnesium (as Mg)	IS3025 (P-46)	10.47	mg/l	30	100
12.	Total Dissolved	IS3025 (P-16)	250.00	mg/l	500	2000
13.	Sulphate(as SO ₄)	IS3025 (P-24)	30.52	mg/l	200	400
14.	Fluoride (as F)	IS 3025 (P-60)	0.60	mg/l	1.0	1.5
15.	Nitrate (as NO ₃)	IS3025 (P-34)	12.48	mg/l	45	No Relaxation
16.	Iron (as Fe)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	0.25	mg/l	1.0	No relaxation
17.	Aluminum (as Al)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.002)	mg/l	0.03	0.2
18.	Boron	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.01)	mg/l	0.5	2.4
19.	Total Chromium (as Cr)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.01)	mg/l	0.05	No Relaxation
20.	Phenolic Compounds	IS3025 (P-43)	BLQ(LOQ-0.0005)	mg/l	0.001	0.002
21.	Mineral Oil	IS 3025 (P-39)	BLQ(LOQ-0.1)	mg/l	1.0	No
22.	Anionic Detergents (as MBAS)	IS3025 (P-68)	BLQ(LOQ-0.05)	mg/l	0.2	1.0
23.	Zinc (as Zn)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.01)	mg/l	5	15

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Gurgaon, Haryana
EC No.-SEIAA/HR/2022/181 dated 17.08.2022**

24.	Copper (as Cu)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.002)	mg/l	0.05	1.5
25.	Manganese (as Mn)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.01)	mg/l	0.1	0.3
26.	Cadmium (as Cd)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.002)	mg/l	0.003	No Relaxation
27.	Lead (as Pb)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.002)	mg/l	0.01	No Relaxation
28.	Selenium (as Se)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.001)	mg/l	0.01	No Relaxation
29.	Arsenic (as As)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.005)	mg/l	0.01	No Relaxation
30.	Mercury (as Hg)	VEL/STP/ICP/W-01, Issue No.-01, 01/11/21	BLQ(LOQ-0.0005)	mg/l	0.001	No Relaxation
31.	Total Coliform	APHA 9221 B	<1.8	MPN/1 00ml		-
32.	E. coli	APHA 9221 F	<1.8	MPN/1 00ml		-

Note:-This Report Complies as per IS: 10500:2012 (RA: 2018)

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

[#]Amendment No.1 in June 2015 (Limits of Iron & Arsenic) and Amendment No.2 in Sept. 2018 (Limit of Boron & IS method of Total Coliform & E.Coli) & Amendment No.3 in Feb. 2021 (Limit of Mineral Oil).

3.5.4 Discussion on Drinking water Quality in the Study Area

The drinking water quality in the project area is observed with total alkalinity is 158.00 mg/L and which is under the desirable limit of 200 mg/L. Total dissolved solids in the drinking water is **250.00** which is also below then prescribed limit of 500 mg/L. However, remaining parameters are within the CPCB prescribed limits.

M/s DLF Limited Project: Environmental clearance for Group Housing Building in Zone 10, DLF 5 at Sector 54,
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Gurgaon, Haryana
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EC No.-SEIAA/HR/2022/181 dated 17.08.2022



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Gurgaon, Haryana
EC No.-SEIAA/HR/2022/181 dated 17.08.2022







Test Report

Page No. 1/1

Sample Number : VEL/01
Name & Address of the Party : M/S DLF Limited & Other
Group Housing Building in Zone 10 DLF-5 at Sector 54,
,Gurugram Haryana

Report No. : VEL/AP/2403080001
Format No : 7.8 F-03
Party Reference No : NIL
Reporting Date : 14/03/2024
Period of Analysis : 08/03/2024-14/03/2024
Receipt Date : 08/03/2024

Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution

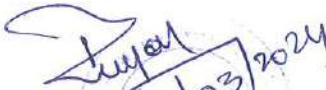
General Information

Sampling Location : Main Gate
Sample Collected By : VEL Representative (Mr.Satesh Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 04:00 PM to 04:00 PM
Ambient Temperature (°C) : 16.0 Min to 29.0 Max
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	98.45	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)	51.24	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6)	15.75	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2)	8.24	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.86	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO .

End of Report

Reviewed By 
14/03/2024


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Test Report

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Sample Number : VEL/02
Name & Address of the Party : M/S DLF Limited & Other
Group Housing Building in Zone 10 DLF-5 at Sector 54,
,Gurugram Haryana

Report No. : VEL/AP/2403080002
Format No : 7.8 F-03
Party Reference No : NIL
Reporting Date : 14/03/2024
Period of Analysis : 08/03/2024-14/03/2024
Receipt Date : 08/03/2024

Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Center Side
Sample Collected By : VEL Representative (Mr.Satesh Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/05
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 03:00 PM to 03:00 PM
Ambient Temperature (°C) : 16.0 Min to 29.0 Max
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	95.34	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)	46.25	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6)	13.74	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2)	9.65	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.80	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO .

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14/03/2024



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Suresh Chandra
Pratap Singh
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Test Report

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Sample Number : VEL/03
Name & Address of the Party : M/S DLF Limited & Other
Group Housing Building in Zone 10 DLF-5 at Sector 54,
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Report No. : VEL/AP/2403080003
Format No : 7.8 F-03
Party Reference No : NIL
Reporting Date : 14/03/2024
Period of Analysis : 08/03/2024-14/03/2024
Receipt Date : 08/03/2024

Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution



General Information

Sampling Location : Back Side
Sample Collected By : VEL Representative (Mr.Satesh Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 03:30 PM to 03:30 PM
Ambient Temperature (°C) : 16.0 Min to 29.0 Max
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	96.54	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)	58.15	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6)	35.15	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2)	10.85	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.88	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO.

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14/03/2024



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Test Report

Sample Number : VEL/04
Name & Address of the Party : M/S DLF Limited & Other
Group Housing Building in Zone 10 DLF-5 at Sector 54,
,Gurugram Haryana

Report No. : VEL/AP/2403080004
Format No : 7.8 F-03
Party Reference No : NIL
Reporting Date : 14/03/2024
Period of Analysis : 08/03/2024-14/03/2024
Receipt Date : 08/03/2024

Name of Sample : AMBIENT NOISE
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Main Gate
Sample Collected By : VEL Representative (Mr.Satesh Singh)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/01
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : 16.0 Min to 29.0 Max
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS :9989, RA:2003
Sampling Duration : 24.0 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	I S-9989	51.32	44.25	dB (A)

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


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

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

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

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Test Report

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Sample Number : VEL/05
Name & Address of the Party : M/S DLF Limited & Other
Group Housing Building in Zone 10 DLF-5 at Sector 54,
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Report No. : VEL/AP/2403080005
Format No : 7.8 F-03
Party Reference No : NIL
Reporting Date : 14/03/2024
Period of Analysis : 08/03/2024-14/03/2024
Receipt Date : 08/03/2024

Name of Sample : AMBIENT NOISE
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Center Side
Sample Collected By : VEL Representative (Mr.Satesh Singh)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : 16.0 Min to 29.0 Max
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS :9989, RA:2003
Sampling Duration : 24.0 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	I S-9989	50.85	42.12	dB (A)

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

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

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

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

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Suresh Singh
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Test Report

Sample Number : VEL/06
 Name & Address of the Party : M/S DLF Limited & Other
 Group Housing Building in Zone 10 DLF-5 at Sector 54,
 Gurugram Haryana

Report No. : VEL/AP/2403080006
 Format No : 7.8 F-03
 Party Reference No : NIL
 Reporting Date : 14/03/2024
 Period of Analysis : 08/03/2024-14/03/2024
 Receipt Date : 08/03/2024

Name of Sample : AMBIENT NOISE
 Sample Group : Atmospheric Pollution

General Information

Sampling Location : Back Side
 Sample Collected By : VEL Representative (Mr. Satish Singh)
 Sampling Equipment used : Sound Level Meter
 Instrument Code : VEL/SLM/06
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 07/03/2024 To 08/03/2024
 Time of Monitoring : 06:00 AM to 06:00 AM
 Ambient Temperature (°C) : 16.0 Min to 29.0 Max
 Surrounding Activity : Human & Vehicular Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS :9989, RA:2003
 Sampling Duration : 24.0 Hrs.
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	IS-9989	50.85	41.48	dB (A)

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

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

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

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

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Test Report

Sample Number : VEL/08
Name & Address of the Party : M/S DLF Limited & Other
Group Housing Building in Zone 10 DLF-5 at Sector 54,
Gurugram Haryana

Report No. : VEL/PE/2403080012
Format No : 7.8 F-03
Party Reference No : NIL
Reporting Date : 14/03/2024
Period of Analysis : 08/03/2024-14/03/2024
Receipt Date : 08/03/2024
Sampling Date : 08/03/2024
Sampling Quantity : 2.0 Kg
Sampling Type : Composite
Packing Status : Temp Sealed

Name of Sample : SOIL
Sample Group : Pollution & Environment
Location : Project Side
Sample Collected By : VEL Representative (Mr. Satesh Singh)
Environmental Condition : 25±2°C
Parameter Required : As per work order
Sampling and Analysis Protocol : IS 2720, APHA & USDA

S.No.	Parameters	Test Method	Results	Units
Discipline : Chemical				
1	pH (at 25°C)	IS : 2720 (P-26)	7.25	--
2	Electrical Conductivity	IS :14767	0.298	mS/cm
3	Colour	VEL/STP/EN/67, Issued No.- 01, 01/11/2021	Yellowish Brown	--
4	Water holding capacity	VEL/STP/EN/86, Issued No.- 01, 01/11/2021	31.78	%
5	Bulk density	VEL/STP/EN/59, Issued No.- 01, 01/11/2021	1.52	gm/cc
6	Chloride (as Cl)	VEL/STP/EN/69, Issued No.- 01, 01/11/2021	20.35	mg/kg
7	Calcium (as Ca)	VEL/STP/EN/72, Issued No.- 01, 01/11/2021	23.86	mg/kg
8	Sodium (as Na)	VEL/STP/EN/62, Issued No.- 01, 01/11/2021	135.45	mg/kg
9	Potassium (as K)	VEL/STP/EN/61, Issued No.- 01, 01/11/2021	98.65	mg/kg
10	Organic Matter	IS 2720 (P-22)	0.35	%
11	Magnesium (as Mg)	VEL/STP/EN/72, Issued No.- 01, 01/11/2021	10.94	mg/kg
12	Available Nitrogen (as N)	IS 14648	124.23	kg. /hec.
13	Available Phosphours	VEL/STP/EN/73, Issued No.- 01, 01/11/2021	15.68	kg. /hec.
14	Total Zinc (as Zn)	VEL/STP/HW/03, Issued No.- 01, 01/11/2021	1.85	mg/kg
15	Total Manganese (as Mn)	VEL/STP/HW/03, Issued No.- 01, 01/11/2021	2.35	mg/kg
16	Total Chromium (as Cr)	VEL/STP/HW/03, Issued No.- 01, 01/11/2021	0.64	mg/kg
17	Total Lead (as Pb)	VEL/STP/HW/03, Issued No.- 01, 01/11/2021	0.56	mg/kg
18	Total Cadmium (as Cd)	VEL/STP/HW/03, Issued No.- 01, 01/11/2021	BLQ(LOQ-0.5)	mg/kg

Reviewed By

S. Suresh
14/03/2024

Authorized Signatory

S. Suresh
Principal Analyst

Terms & Conditions

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Test Report

Sample Number : VEL/08

Report No. : VEL/PE/2403080012

S.No.	Parameters	Test Method	Results	Units
19	Total Copper (as Cu)	VEL/STP/HW/03, Issued No.- 01, 01/11/2021	1.98	mg/kg
20	Soil Texture	VEL/STP/EN/64, Issued No.- 01, 01/11/2021	Sandy Loam	--

End of Report

Prudip Singh
14/03/2024
Reviewed By

Authorized Signatory
Prudip Singh
Authorized Signatory

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Test Report

Page No. 1/3

Sample Number : VEL/07
Name & Address of the Party : M/S DLF Limited & Other
Group Housing Building in Zone 10 DLF-5 at Sector 54,
Gurugram Haryana

Report No. : VEL/W/2403080005
Format No : 7.8 F 03
Party Reference No : NIL
Reporting Date : 14/03/2024
Period of Analysis : 08/03/2024-14/03/2024
Receipt Date : 08/03/2024
Sampling Date : 08/03/2024
Sampling Quantity : 5.0 Ltr.+250ml
Sampling Type : Grab

Name of Sample : DrinkingWater Sample
Sample Group : Water/Residues and contaminants in Water
Location : Project Office
Sample Collected by : VEL Representative (Mr.Satesh Singh)
Environmental Condition : 25±2°C
Sampling and Analysis Protocol : APHA & IS

S.No.	Test Parameters	Test Method	Results	Units	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits
Discipline : Chemical						
1	pH (at 25°C)	IS 3025 (P-11)	7.58	--	6.5 to 8.5	No Relaxation
2	Colour,max	IS 3025 (P-4)	*BLQ(**LOQ-1 .0)	Hazen	5	15
3	Turbidity,max	IS 3025 (P-10)	*BLQ(**LOQ-1 .0)	NTU	1	5
4	Odour	IS 3025 (P-5)	Agreeable	--	Agreeable	Agreeable
5	Taste	IS 3025 (P-8)	Agreeable	--	Agreeable	Agreeable
6	Total Dissolved Solids (at 180°C ± 1°C),max	IS 3025 (P-16)	250.00	mg/L	500	2000
7	Calcium (as Ca),max	IS 3025 (P-40)	68.45	mg/L	75	200
8	Alkalinity (as CaCO3)	IS 3025 (P-23)	158.00	mg/L	200	600
9	Chloride (as Cl),max	IS 3025 (P-32)	102.00	mg/L	250	1000
10	Magnesium (as Mg),max	APHA,3500 Mg B	10.47	mg/L	30	100
11	Total Hardness (as CaCo3),max	IS 3025 (P-21)	128.00	mg/L	200	600
12	Sulphate (as SO4),max	IS 3025 (P-24)	30.52	mg/L	200	400
13	Fluoride (as F),max	APHA 4500 F D	0.60	mg/L	1.0	1.5
14	Nitrate (as NO3),max	IS: 3025(P-34) Chromotropic Method	12.48	mg/L	45.0	No Relaxation
15	Iron (as Fe),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	0.25	mg/L	1.0	No Relaxation

Reviewed By

[Signature]
14/03/2024

Authorized Signatory

[Signature]
Pratap Singh
Authorized Signatory

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Test Report

Page No. 2/3

Sample Number : VEL/07

Report No. : VEL/W/2403080005

S.No.	Test Parameters	Test Method	Results	Units	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits
16	Aluminium (as Al),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.005)	mg/L	0.03	0.2
17	Boron (as B),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.01)	mg/L	0.5	2.4
18	Total Chromium (as Cr),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.002)	mg/L	0.05	No Relaxation
19	Phenolic Compounds (C6H5OH),max	IS 3025 (P-43)	BLQ(LOQ-0.005)	mg/L	0.001	0.002
20	Mineral Oil,max	IS:3025 (P-39)	BLQ(LOQ-0.1)	mg/L	1.0	No Relaxation
21	Anionic Detergents (as MBAS),max	IS 3025(Part-68)	BLQ(LOQ-0.05)	mg/L	0.2	1.0
22	Zinc (as Zn),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.01)	mg/L	5.0	15.0
23	Copper (as Cu),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.002)	mg/L	0.05	1.5
24	Manganese (as Mn),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.01)	mg/L	0.1	0.3
25	Selenium (as Se),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.001)	mg/L	0.01	No Relaxation
26	Cadmium (as Cd),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.002)	mg/L	0.003	No Relaxation
27	Lead (as Pb),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.002)	mg/L	0.01	No Relaxation
28	Cyanide (as CN),max	IS 3025 (P-27)	BLQ(LOQ-0.002)	mg/L	0.05	No Relaxation
29	Arsenic (as As),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.005)	mg/L	0.01	No Relaxation
30	Mercury (as Hg),max	VEL/STP/ICP/W-01, Issue No. -01, Issue date 01/11/2021	BLQ(LOQ-0.005)	mg/L	0.001	No Relaxation

Reviewed By

[Signature]
14/03/2024

Authorized Signatory

[Signature]
Platar Singh
Authorized Signatory

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Test Report

Sample Number : VEL/07

Report No. : VEL/W/2403080005

S.No.	Test Parameters	Test Method	Results	Units	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits
Discipline : Biological						
31	Total Coliform	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	--
32	E.coli	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	--

#-The submitted sample have above mentioned analytical characteristics ,conforms to IS 10500:2012 Amendment No.4,Nov,2021

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

End of Report



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FORM BR-V (A2)
[See Code 2.1 (1) (vii)]

Certificate of conformity to rules and structural safety for all buildings for all buildings except as stated in Form BR-V (A1).

Certificate to be submitted along with the building application in Form BR-1 duly signed by the Architect and Structural Engineer and the Proof Consultant.

Details of the building for which the certificate is issued:
Group Housing Buildings in part of DLF 5, Sector 54, Gurugram.

Name of the owner/Project : DLF Limited
Complete address of the owner : DLF Shopping Mall
3rd Floor, Arjun Marg, DLF City, Phase-I,
Gurgaon-122002, Haryana, India

A. Building Plan:

(i) Name of Architect : Ardamanjit Singh Sandhu
(ii) Council of Architect Registration No. : CA/90/12848, valid upto 31-12-2030.
(iii) Complete Address : 69, Nora Niwas Bhawani Kunj,
Behind D2, Vasant Kunj, New Delhi-110070
(iv) Email : ardamanjit.sandhu@rsms-arch.com
(v) Mobile No : 9810791652

B. Structural Design

(i) Name of Engineer : Ramesh Kumar Singh
(ii) Qualification and experience : M. tech (Structure), 24 Yrs.
(iii) Complete Address : 24A, Ground floor, dda flats Pocket-1,
Sector-10, Dwarka, New Delhi -110075
(iv) Email : space_rksingh@rediffmail.com
(v) Mobile No. : 9810307651

Certificate

It is hereby certified that the plans submitted in Form BR-1 for the building detailed above, are in accordance with the Code and the approved zoning plan of the plot. The structure has been designed in accordance with the provisions of the National Building Code and the relevant Bureau of Indian Standard Codes (with latest amendments) including Bureau of Indian Standard Codes for structures resistant to earthquakes and other natural hazards. The local soil conditions, its load bearing capacity and the underground water table etc. have been kept in view while designing the same.

Dated _____

Signature of Owner

(No digital signature is required)

Mobile no.

E-mail



Signature of Architect

Ramesh K. Singh
Signature of Structural Engineer

Er. R.K. Singh
M.Tech (Structure)
Regd. No. M-084 (IASE)

The structure design has been checked and has been found to be in order. The design is in accordance with the provisions of the National Building code and the relevant Bureau of Indian Standard Codes (with latest amendments) including Bureau of Indian standard codes for structures resistant to earthquake and other natural hazards. The local soil conditions, its load bearing capacity and the underground water table etc. have been kept in view while designing the same.

Date: 15/02/2022

Signature of Proof Consultant along with Mob. No. & E-mail



Mobile No - 9811038352
e-mail - abiscog@gmail.com

**Indian Association
of
Structural Engineers**

Certificate of Membership

RAMESH KUMAR SINGH

Has Been Elected

MEMBER

Of The

Indian Association of Structural Engineers

on 16 June 2006

with

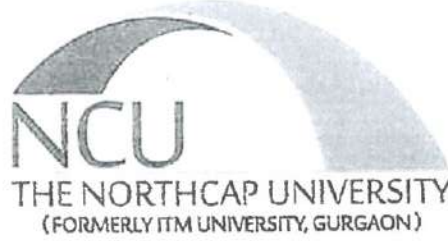
- * All its associated rights and privileges
- * Membership Number M-084
- * Valid up to 31st March 2022

Er. R. K. Singh
M. Tech. (Structure)
Regd. No. M-084 (IASE)
Ramesh/K. Singh

May Kumar

President

Issued by
Group Housing
Sector 5
Gurgaon



Established under Haryana Legislature Act No. 25 of 2009
as amended vide Haryana Legislature Act No. 1 of 2016
Approved by UGC under Section 2(f) & Notification no. F 8-4/2010(CPP-1/PU) dt 26.08.2015



Ramesh Kumar Singh
Er. R.K. Singh
M. Tech (Structure)
Regd. No. M-084 (IASE)

*Issued for Group Housing
In part of DLF-5 Sector-54
Gurgaon (Haryana)*

मास्टर ऑफ टेक्नॉलॉजी

(सिविल इंजीनियरिंग - स्ट्रक्चरल इंजीनियरिंग)

प्रमाणित किया जाता है कि रमेश कुमार सिंह सुपुत्र जवाहर सिंह एवम् गंगिया देवी को विश्वविद्यालय द्वारा निर्धारित अर्हताओं को मई 2016 में सफलतापूर्वक पूरा करने पर प्रथम श्रेणी में सिविल इंजीनियरिंग - स्ट्रक्चरल इंजीनियरिंग में मास्टर ऑफ टेक्नॉलॉजी की उपाधि प्रदान की जाती है। 10 अंकीय मापक्रम में इनका संचित कोटि अंक माध्य 7.17 है। उपाधि प्रदान करने की तिथि 20 दिसम्बर 2016

Master of Technology

(Civil Engineering - Structural Engineering)

Ramesh Kumar Singh son of Jawahar Singh & Gangiya Devi is awarded the degree of Master of Technology in Civil Engineering - Structural Engineering having successfully completed the requirements of the said degree in May 2016 in First Class with Cumulative Grade Point Average of 7.17 on a 10 point scale. Conferred on this day the 20 December 2016.

Ramesh Kumar Singh

Rusaram...

कुल सचिव
Registrar

Rusaram

कुलपति
Vice Chancellor



DLF LIMITED


DLF Gateway Tower, R Block,
DLF City Phase - III, Gurugram - 122 002, Haryana (India)
Tel. :+91-124-4769000, Fax:+91-124-4769250

**UNDERTAKING**

I, Alok Kumar, Authorized Signatory of DLF Ltd., having its registered office at **DLF Shopping Mall, 3rd Floor, Arjun Marg, DLF City, Phase-1, Gurugram, Haryana , India,** declare and undertake following: -

That we will supply 10 KLD domestic water on daily basis for labors during construction phase and 260 KLD domestic water on daily basis for Operation phase of the Proposed Group Housing Buildings from water tanks of DLF for our project.

DLF Limited



ALOK KUMAR
Authorized Signatory

Date : 25/04/2022

Place: Gurgaon

DLF LIMITED

DLF Galway Tower, R Block, DLF City, Phase-III, Gurgaon-122002



Date: 19.04.2022

UNDERTAKING

I, Alok Kumar, Authorized Signatory of DLF Ltd., having its registered office at DLF Shopping Mall, 3rd Floor, Arjun Marg, DLF City, Phase-1, Gurugram, Haryana, India, declare and undertake following:-



That 20 KLD of tertiary treated water on daily basis for construction purposes/activities, and 140 KLD tertiary treated water on daily basis during Operation phase for activities such as flushing and horticulture will be supplied from common STP of capacity 15MLD situated at DLF Phase V, Gurugram for Proposed Group Housing Buildings in Zone 10, DLF 5, at Sector-54, Gurugram, and Haryana.

M/s DLF Limited

For DLF Limited

Authorised Signatory
(Authorized Signatory)

A handwritten signature in blue ink, appearing to be 'Alok Kumar', written over the printed name and title.

	<p style="text-align: center;">DAKSHIN HARYANA BIJLI VITRAN NIGAM (A Govt. of Haryana Undertaking) Office of Superintending Engineer (OP) Circle-II, DHBVN, Gurugram SCO No. 3&4, HUDA Shopping Complex, Sec-31, Gurugram, Haryana ☎ 0124-2582106, 0124-4378109 E-mail – seop2gurugram@dhbvn.org.in Website - www.dhbvn.org.in</p>	
---	---	---

To,

M/s DLF Ltd.
DLF Gateway Tower, R-Block,
DLF City, Phase-III, Gurugram.

Memo No. Ch- 60 /DGR- 26B

Dated: 5 /04/2022

Sub: Assurance certificate of DHBVN for electrical load requirement for the proposed Group Housing Buildings in Zone-10, DLF-5, Gurugram.

Refer to your letter no. DLF-GRP-HSGZN10DLF5-12040104-2022 dated 01.04.2022, received in this office on 05.04.2022 vide diary no. 1223.

It is here by assured that the power requirement of tentative load of **5874 KW** shall be considered from the nearest sub-station at 11 KV / 33 KV level at the time of actual requirement as per DHBVN Norms, subject to the following conditions:-

1. Subject to availability of power and infrastructure at the time of actual release of connection.
2. Necessary charges will be got deposited by you as per latest Nigam instructions and compliance of all other instructions of Nigam will be ensured as per standing instructions of Nigam / HERC Regulations.
3. The necessary infrastructure will be laid by you at your own cost. The piece of land will be provided by you for the switching station / sub-station as per instructions of the Nigam.
4. The validity of this letter will be till the validity of licenses issued by Town & Country Planning, Haryana in view of Sales Circular no. D-6/2022 issued by CE/Commercial, DHBVN, Hisar vide memo no. Ch-06/SE/C/R-16/380/Vol-I dated 10.03.2022.

1
PM
S.E (OP) Circle –II
DHBVN, Gurugram

Copy to:-

The Xen 'OP' Sub-Urban Divn. DHBVN, Gurugram for information, please.



प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र
Clarification letter by
Concerned Divisional Forest Officer
हरियाणा सरकार / Government of Haryana



गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।
Clarification letter regarding applicability of forest laws on non forest land.

नाम Name	अलोक कुमार Alok Kumar
संगठन का नाम Organisation Name	Dlf Limited
वर्तमान पता Current Address	2nd Floor, Gateway Tower, Dlf Cyber City
भूमि स्थान Land Location	WAZIRABAD, Gurgaon, Wazirabad
भूमि मापन Land Measurements	12.043 (Acre)
आयत नम्बर / मुरबा नम्बर Rectangle No./ Murba No.	Rectangle No Not Applicable And Applicable Khasra Nos. 2046/1/1 (1-12-19), 2046/1/2 (1-2-14), 2046/2 (1-6-7), 2047/1 (1-19-3), 2047/2 (1-11-17), 2048 (3-7-0), 2049 (4-4-0), 2050/1 (1-7-10), 2050/2 (2-13-18) ;

Reference No. (SRN):- X9K-1GW-FVMK
जारी करने की तिथि / Date of Issuance: 01-04-2022
जारी करने का स्थान / Place of Issuance: Gurgaon
जारी करने वाला प्राधिकरण / Issuing Authority: Divisional Forest Officer



This is a Digitally Signed Certificate and does not require physical signature. The authenticity of this certificate can be verified from the verification link mentioned below:

<https://164.100.137.243/eservices/mobileapi/verify/clarification/X9K1GWFVMK>



प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र
Clarification letter by
Concerned Divisional Forest Officer
हरियाणा सरकार / Government of Haryana



गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।

Clarification letter regarding applicability of forest laws on non forest land.

किला नम्बर
Killa Number

Killa No Not Applicable, The Applicable Khasra Nos Are : 2046/1/1 (1-12-19), 2046/1/2 (1-2-14), 2046/2 (1-6-7), 2047/1 (1-19-3), 2047/2 (1-11-17), 2048 (3-7-0), 2049 (4-4-0), 2050/1 (1-7-10), 2050/2 (2-13-18)

प्रयोजन
Purpose

Building Construction

जारी करने की तिथि / Date of Issuance: 01-04-2022
जारी करने का स्थान / Place of Issuance: Gurgaon
जारी करने वाला प्राधिकरण / Issuing Authority: Divisional Forest Officer



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प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र
Clarification letter by
Concerned Divisional Forest Officer
हरियाणा सरकार / Government of Haryana



गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।

Clarification letter regarding applicability of forest laws on non forest land.

Applicant Alok Kumar located at village /city WAZIRABAD district Gurgaon

made a proposal to use this land for Building Construction. It is made clear that:

- a) As per records available above said land is not part of notified Reserved Forest, Protected Forest under Indian Forest Act, 1927 or any area closed under section 4 of Punjab Land Preservation Act, 1900.
- b) It is clarified that by the Notification No. S.O.8/PA 2/1900/S. 4/2013 dated 4th January, 2013, all Revenue Estate of Gurgaon is notified u/s 4 of PLPA 1900 and S.O.81/PA.2/1900/S.3/2012 u/s 3 of PLPA 1900. The area is however not recorded as forest in the Government record but felling of any tree is strictly prohibited without the permission of Divisional Forest Officer, Gurgaon.
- c) If approach is required from Protected Forest by the user agency, the clearance/ regularization under Forest Conservation Act 1980 will be required. Without prior clearance from Forest Department, the use of Forest land for approach road is strictly prohibited. M/s Dif Limited whose land is located at village/city, WAZIRABAD District Gurgaon must obtain clearance as applicable under Forest Conservation Act 1980.
- d) As per the records available with the Forest Department, Gurgaon the area does not fall in areas where plantations were raised by the Forest Department under Aravalli project.
- e) All other statutory clearances mandated under the Environment Protection Act, 1986, as per the notification of Ministry of Environment and Forests, Government of India, dated 07-05-1992 or any other Act/ order shall be obtained as applicable by the project proponents from the concerned authorities.
- f) The project proponent will not violate any Judicial Order/ direction issued by the Hon'ble Supreme Court/ High Courts.
- g) It is clarified that the Hon'ble Supreme Court has issued various judgments dated 07.05.2002, 29.10.2002, 16.12.2002, 18.03.2004, 14.05.2008 etc. pertaining to Aravalli region in Haryana, which should be complied with.
- h) It shall be the responsibility of user agency/ applicant to get necessary clearances/ permissions under various Acts and Rules applicable if any, from the respective authorities/ Department.
- i) This certificate is not applicable in case of Environment Department notification dated 10.03.2016 for Screening Plant, and notification dated 11.05.2016 for Stone Crusher. Investor/Applicant has to take clearance from Environment Department in case of Screening Plant and Stone Crusher .

It is subject to the following conditions:

1. Clarification Is Hereby Issued Subject To The Conditions Mentioned Above And Proposed Site Falls Within 5 Km Of Delhi Boundary Hence Necessary Permission May Be Obtained From Competent Authority As Per Supreme Court Various Judgements Regarding Aravali Region In Haryana.



Date: 01-04-2022

Place: Gurgaon

Rajeev Tejyan,
(Divisional Forest Officer)

This is a Digitally Signed Certificate and does not require physical signature. The authenticity of this certificate can be verified from the verification link mentioned below:

<https://164.100.137.243/eservices/mobileapi/verify/clarification/X9K1GWFVMK>

प्रेषक,

उपायुक्त, गुरुग्राम।

सेवा में

M/s DLF Limited,
Gateway Tower(2nd Floor),
DLF City, Phase III, Gurugram.

क्रमांक 47

/एम0बी0

दिनांक

6/5/22

विषय:-

Report of Tehsildar Gurugram through the office of DC that the land of the project does not fall under MoEF Aravalli Notification S.O 319(E) dated 7th May 1992: NOC Forest and Aravalli Certificate for project site of "Proposed Group Housing Buildings in part of DLF 5, Zone 10, Village Wazirabad, Gurugram, Haryana.

उपरोक्त विषय के संदर्भ में।

विषयाधीन मामले में उक्त के सम्बन्ध में तहसीलदार, वजीराबाद व उप वन संरक्षक, गुरुग्राम से रिपोर्ट प्राप्त की गई जो निम्न प्रकार है:-

तहसीलदार, वजीरबाद ने अपने कार्यालय के पत्र क्रमांक 161/रीडर दिनांक 19.04.2022 के द्वारा रिपोर्ट इस कार्यालय में प्रेषित की है जिसमें लिखा है कि पटवारी हल्का से रिपोर्ट प्राप्त की गई। रिपोर्ट अनुसार मांगी गई सूचना मौजा वजीराबाद, तहसील वजीराबाद जिला गुरुग्राम के खसरा न0 2046/1/1(1-12-19), 2046/1/2(1-2-14), 2046/2(1-6-7), 2047/1(1-19-3), 2047/2(1-11-17), 2048(3-7-0), 2049(4-4-0), 2050/1(1-7-10), 2050/2(2-13-18), किता 9 रकबा 19 बीघा 5 बिस्वा 8 बिस्वांसी का राजस्व रिकार्ड का अवलोकन किया गया। अवलोकन उपरान्त मांगी गई रिपोर्ट बिन्दूवार निम्न प्रकार है:-

1. उपरोक्त अराजी दिनांक 07.05.1992 के नोटिफिकेशन के राजस्व रिकार्ड अनुसार जमाबन्दी की खाना कैफियत में अरावली क्षेत्र का कोई इन्द्राज दर्ज नहीं है।
2. उपरोक्त अराजी भूमि दिनांक 07.05.1992 के नोटिफिकेशन से पूर्व व उसके पश्चात उपरोक्त अराजी की किस्म गैर मुमकिन पहाड, गैर मुमकिन राडा, गैर मुमकिन बीहड, बंजड या रुद्र का इन्द्राज जमाबन्दी की खाना कैफियत में दर्ज नहीं रही है।
3. उपरोक्त अराजी भूमि की किस्म दिनांक 07.05.1992 के नोटिफिकेशन से पूर्व मगदा व हाल किस्म गैर मुमकिन है।
4. उपरोक्त अराजी मिसल हकीयत ता हाल कभी भी शामलात देह, पंचायत देह, नगर पालिका, नगर निगम की मलकियत नहीं रही है।
5. अराजी मुतनाजा का किसी भी न्यायालय में किसी कोर्ट केस बारे कोई हवाला/जमाबन्दी के खाना कैफियत में दर्ज नहीं है।
6. उपरोक्त अराजी का SEZ(Special Economical Zone) बारे कोई इन्द्राज जमाबन्दी की खाना कैफियत में दर्ज नहीं है।
7. उपरोक्त अराजी पर धारा 4, 6 व अर्वाड बारे कोई हवाला जमाबन्दी की खाना कैफियत में दर्ज नहीं है।

उप वन संरक्षक, गुरुग्राम ने अपने कार्यालय के पत्र क्रमांक 243-जी0 दिनांक 25.04.2022 के द्वारा अवगत कराया है कि उनके कार्यालय द्वारा ऑनलाईन दिनांक 01.04.2022 (M/s DLF Limited) को गांव वजीराबाद, जिला गुरुग्राम के 12.043 एकड एरिया की फोरेस्ट क्लेरिफिकेशन आनलाईन जारी की जा चुकी है जिसकी छाया प्रति इस कार्यालय में प्रेषित की है जिसमें लिखा है कि Applicant M/s DLF Limited, Land Measuring 12.043(Acre) having Khasra No. 2046/1/1(1-12-19), 2046/1/2(1-2-14), 2046/2(1-6-7), 2047/1(1-19-3), 2047/2(1-11-17), 2048(3-7-0), 2049(4-4-0), 2050/1(1-7-10), 2050/2(2-13-18), Land located at village Wazirabad District Gurugram made a proposal to use this land for Building Construction. It is made clear that:-

- A) As per records available above said land is not part of notified Reserved Forest, protected Forest under Indian Forest Act, 1927 or any area closed under section 4 of Punjab Land Preservation Act 1900.
- B) It is clarified that by the Notification No. S.O 8/P.A 2/1900/S. 4/2013 dated 04-01-13 all Revenue Estate of Gurgaon is notified u/s 4 of PLPA 1900 and S.O 81/PA.2/1900/S.3/2012 u/s 3 of PLPA 1900. The area is however not recorded as Forest in the Government record but felling of any tree is strictly prohibited without the permission of Divisional Forest officer, Gurgaon.
- C) If approach is required from Protected forest by the user agency, the clearance/regularization under Forest Conservation Act 1980 will be required. Without prior clearance from Forest Department, the use of Forest land for approach road is strictly prohibited. M/s DLF Limited whose land is located at Village/City Wazirabad District Gurgaon must obtain clearance as applicable under Forest Conservation Act. 1980.
- D) As per the records available with the Forest Department Gurgaon the area does not fall in areas where plantations were raised by the Forest Department under Aravali project.
- E) All other statutory clearances mandated under the Environment protection Act. 1986, as per the notification of Ministry of Environment and Forest, Government of India dated 07-05-1992 or any other Act/Order shall be obtained as applicable by the project proponents from the concerned authorities.
- F) The project proponent will not violate any Judicial Order/Direction issued by the Hon'ble Supreme Court/High Courts.
- G) It is clarified that the Hon'ble Supreme Court has issued various judgments dated 07-05-2002, 29-10-2002, 16-12-2002, 18-03-2004, 14-05-2008 etc. pertaining to Aravali region in Haryana, which should be complied with.
- H) It shall be the responsibility of user agency/applicant to get necessary clearances/ permissions under various Acts and Rules applicable if any, from the respective authorities/department.
- I) This certificate is not applicable in case of Environment Department notification dated 10.03.2016 for Screening Plant, and notification dated 11.05.2016 for Stone Crusher. Investor/Applicant has to take clearance from Environment Department in case of Screening Plant and Stone Crusher.

It is subject to the following conditions:

1. Clarification Is Hereby Issued Subject To The Conditions Mentioned Above and Proposed Site Falls Within 5 Km of Delhi Boundary Hence Necessary Permission May Be Obtained From Competent Authority As Per Supreme Court Various Judgements Regarding Aravali Region In Haryana.

अतः तहसीलदार, वजीराबाद व उप वन संरक्षक, गुरुग्राम की रिपोर्ट अनुसार आपको Village Wazirabad, District Gurugram की उक्त वर्णित भूमि की Aravalli Clearance/Non Forest Land रिपोर्ट इस शर्त पर जारी की जानी उचित होगी कि प्रार्थी कम्पनी को दी गई एन0ओ0सी में यदि किसी नम्बरो पर हरियाणा सरकार के किसी भी विभाग द्वारा किसी प्रकार की भूमि अर्जन कार्यवाही धारा 4, 6 व अवार्ड आदि राजस्व रिकार्ड अनुसार पाया गया तो सम्बन्धित नम्बरो की अरावली एन0ओ0सी0 स्वतः रद्द समझी जावेगी जिसके लिए प्रार्थी कम्पनी स्वयं जिम्मेवार होगी। इसके अतिरिक्त प्रार्थी वर्णित भूमि पर कोई भी परियोजना शुरू करने से पूर्व उप वन संरक्षक, गुरुग्राम की रिपोर्ट में दर्शाई गई शर्त अनुसार Competent Authority से अनुमति लेकर इस कार्यालय को अवगत करवाना सुनिश्चित करे क्योंकि Proposed Site Falls Within 5 Km Of Delhi Boundary Hence Necessary Permission Need To Be Obtained From Competent Authority As per Supreme Court Various Judgments Regarding Aravali Region In Haryana. अन्यथा सम्बन्धित किला नम्बरान की अरावली एन0ओ0सी0 स्वतः रद्द समझी जावेगी।


कृते: उपायुक्त, गुरुग्राम।





HARYANA STATE POLLUTION CONTROL BOARD

HSPCB Gurgaon North Vikas Sadan, 1st Floor, Near DC Court,

Gurgaon Ph.0124-2332775 Email:-

hspcbrogrn@gmail.com

Website: www.hrocmms.nic.in E-Mail - hspcbho@gmail.com

Telephone No.: 0172-2577870-73



No. HSPCB/Consent/ : 329962322GUNOCTE27715935

Dated:09/09/2022

To.

M/s : Proposed Group Housing Buildings in Zone 10 DLF 5 Gurugram
2nd Floor, Gateway Tower, Cyber city Gurugram
GURGAON
122002

Sub. : Grant of consent to Establish to M/s Proposed Group Housing Buildings in Zone 10 DLF 5 Gurugram

Please refer to your application no. 27715935 received on dated 2022-08-23 in regional office Gurgaon North.

With reference to your above application for consent to establish, M/s Proposed Group Housing Buildings in Zone 10 DLF 5 Gurugram is hereby granted consent as per following specification/Terms and conditions.

Consent Under	AIR/WATER
Period of consent	09/09/2022 - 16/08/2032
Industry Type	Building and Construction projects having waste water generation more than 100 KLD in respective of their built-up area
Category	RED
Investment(In Lakh)	107600.0
Total Land Area (Sq. meter)	30653.3
Total Builtup Area (Sq. meter)	233377.9
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	294.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	STP
2. Trade	
Permissible Domestic Effluent Parameters	
1. BOD	10 mg/l
2. COD	50 mg/l
3. TSS	20 mg/l

4. Total Nitrogen	10 mg/l
5. Total Phosphorus	1 mg/l
6. Faecal Coliform (MPN/100 ml)	Less than 100
7. pH	5.5-9.0
Permissible Trade Effluent Parameters	
1. NA	mg/l
Number of stacks	9
Height of stack	
1. Stack to DG set 1000 KVA	6 Meter
2. Stack to DG set 1000 KVA	6 Meter
3. Stack to DG set 1000 KVA	6 Meter
4. Stack to DG set 1000 KVA	6 Meter
5. Stack to DG set 1000 KVA	6 Meter
6. Stack to DG set 1000 KVA	6 Meter
7. Stack to DG set 1000 KVA	6 Meter
8. Stack to DG set 625 KVA	6 Meter
9. Stack to DG set 625 KVA	6 Meter
Permissible Emission parameters	
1. NA	
Capacity of boiler	
1. NA	Ton/hr
Type of Furnace	
1. NA	
Type of Fuel	
1. Diesel	6.4 KL/day

Regional Officer, Gurgaon North
Haryana State Pollution Control Board.

Terms and conditions

1. The industry has declared that the quantity of effluent shall be 294 KL/Day i.e 0KL/Day for Trade Effluent, 0 KL/Day for Cooling, 294 KL/Day for Domestic and the same should not exceed .
2. The above 'Consent to Establish' is valid for 60 months from the date of its issue to be extended for another one year at the discretion of the Board or till the time the unit starts its trial production whichever is earlier. The unit will have to set up the plant and obtain consent during this period.

3. The officer/official of the Board shall have the right to access and inspection of the industry in connection with the various processes and the treatment facilities being provided simultaneously with the construction of building/machinery. The effluent should conform the effluent standards as applicable
4. That necessary arrangement shall be made by the industry for the control of Air Pollution before commissioning the plant. The emitted pollutants will meet the emission and other standards as laid/will be prescribed by the Board from time to time.
5. The applicant will obtain consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of the Air (Prevention & Control of Pollution) Act, 1981 as amended to-date-even before starting trial production
6. The above Consent to Establish is further subject to the conditions that the unit complies with all the laws/rules/decisions and competent directions of the Board/Government and its functionaries in all respects before commissioning of the operation and during its actual working strictly.
7. No in-process or post-process objectionable emission or the effluent will be allowed, if the scheme furnished by the unit turns out to be defective in any actual experience
8. The Electricity Department will give only temporary connection and permanent connection to the unit will be given after verifying the consent granted by the Board, both under Water Act and Air Act.
9. Unit will raise the stack height of DG Set/Boiler as per Board's norms.
10. Unit will maintain proper logbook of Water meter/sub meter before/after commissioning.
11. That in the case of an industry or any other process the activity is located in an area approved and that in case the activity is sited in an residential or institutional or commercial or agricultural area, the necessary permission for siting such industry and process in an residential or institutional or commercial or agricultural area or controlled area under Town and Country Planning laws CLU or Municipal laws has to be obtained from the competent Authority in law permitting this deviation and be submitted in original with the request for consent to operate.
12. That there is no discharge directly or indirectly from the unit or the process into any interstate river or Yamuna River or River Ghaggar.
13. That the industry or the unit concerned is not sited within any prohibited distances according to the Environmental Laws and Rules, Notification, Orders and Policies of Central Pollution control Board and Haryana State Pollution Control Board.
14. That of the unit is discharging its sewage or trade effluent into the public sewer meant to receive trade effluent from industries etc. then the permission of the Competent Authority owing and operating such public sewer giving permission letter to his unit shall be submitted at time of consent to operate.
15. That if at any time, there is adverse report from any adjoining neighbor or any other aggrieved party or Municipal Committee or Zila Parishad or any other public body against the unit's pollution; the Consent to Establish so granted shall be revoked.
16. That all the financial dues required under the rules and policies of the Board have been deposited in full by the unit for this Consent to Establish.
17. In case of change of name from previous Consent to Establish granted, fresh Consent to Establish fee shall be levied.
18. Industry should adopt water conservation measures to ensure minimum consumption of water in their Process. Ground water based proposals of new industries should get clearance from Central Ground Water Authority for scientific development of previous resource.

19. That the unit will take all other clearances from concerned agencies, whenever required.
20. That the unit will not change its process without the prior permission of the Board.
21. That the Consent to Establish so granted will be invalid, if the unit falls in Aravali Area or non conforming area.
22. That the unit will comply with the Hazardous Waste Management Rules and will also make the non-leachate pit for storage of Hazardous waste and will undertake not to dispose off the same except for pit in their own premises or with the authorized disposal authority.
23. That the unit will submit an undertaking that it will comply with all the specific and general conditions as imposed in the above Consent to Establish within 30 days failing which Consent to Establish will be revoked.
24. That unit will obtain EIA from MoEF, if required at any stage.
25. In case of unit does not comply with the above conditions within the stipulated period, Consent to Establish will be revoked.
26. That unit will obtain consent to operate from the board before the start of product activity.

Specific Conditions

Other Conditions :

HARYANA STATE



1. The project proponent will obtain all necessary clearances from all concerned departments. 2. Project proponent will not change the quantity of domestic effluent/trade effluent/air emission without prior permission of the Board. Project Proponent will obtain prior CTO before starting of production and apply for CTO/ CTE Extension at least 90 days before expiry date of this CTE. 3. Project Proponent will install STP/ETP/ACPM along with the main project. 4. Project Proponent will install adequate acoustic enclosures/chambers on their DG SETS with proper stack height as per prescribed norms to meet the prescribed standards under EP Rules. 5. Project Proponent will comply with the provisions of Water Act, 1974, Air Act, 1981, Solid Waste Management Rules, 2016, Hazardous & Other Waste Management Rules, 2016, Plastic Waste Management Rules, 2016, E-Waste Management Rules, 2016, Battery Managements Rules, C&D Waste Management Rules, 2016& amendments and other applicable environmental legislation. 6. Project Proponent will use only treated effluent supplied from Sewage treatment plant during construction phase of the project 7. That this CTE will not provide any relaxation /benefit from any other Act/Rules/Regulations applicable to the project/land in question. 8. Project Proponent will not discharge any type Treated or untreated effluent outside the premises of the project. 9. Project Proponent will not use in their DG set as a fuel i.e. pet coke, furnace oil and LSHS etc. 10. Stack emission level should be stringent than the existing standards in terms of the identified critical pollutants. 11. Effective fugitive emission control measures should be imposed in the process, transportation, parking etc. 12. Encourage use of cleaner fuels (pet coke / furnace oil /LSHS may be avoided). 13. Best available technology may be used. For example usage of EAF/SAF/IF in place of Cupola Furnace, Usage of Supercritical technology in place of sub – critical technology. 14. Increase of green belt cover by 40% of the total land area beyond the permissible requirement of 33%, wherever feasible. 15. Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry etc. 16. Assessment of carrying capacity of transportation load on the roads inside the industrial premises. If the roads required to be widened, shall be prescribed as a condition. 17. Project Proponent will not discharge any type of effluent inside & outside of the premises of the project and reuse/recycle of treated waste water be ensured. 18. Continuous monitoring of emission and effluent quality / quantity to be installed & will connect the same with server of CPCB and HSPCB. 19. A detailed water harvesting plan may be submitted by the project proponent. 20. Project Proponent will achieve zero discharge and install latest technology of STP/ETP and reuse/recycle of treated effluent. 21. In case, domestic waste water generation is more than 10 KLD, the industry may install STP. 22. Dumping of waste (fly ash, slag, red mud etc.) may be permitted only at designated locations approved by SPCBs/PCCs. 23. More stringent norms for management of hazardous waste. The waste generated should be preferably utilized in co-processing. 24. Monitoring of compliance of EC conditions may be submitted with third party audit every year. 25. Project Proponent will dispose off their waste/spent oil of DG sets only to authorize recyclers by the HSPCB. 26. The % of the CER may be least 1.5 times the slabs given in the OM dated 01.05.2018 for SPA and 2 times for CPA in case of Environmental Clearance. 27. Project proponent will comply all the directions of CPCB in this regard and will comply all the orders issued by any court in this regard. 28. Project Proponent will submit an affidavit regarding compliance of above said conditions within 30 days. 29. The above Consent to Establish is further subject to the conditions that the unit complies with all the laws/rules/decisions and competent directions of the Board/Government and its functionaries in all respects before commissioning of the operation and during its actual working strictly. 30. Unit will deploy anti –smog guns at site to comply with the above said directions & keep proper record of operation of the same and submit action taken report to this office within 03 days positively, failing which action shall be initiated as per applicable Acts/ Rules /Notifications. 31. Project proponent will comply with all the conditions mentioned in Environmental Clearance granted vide letter dated 17.08.2022 and submit the compliance of the same within 90 days to this office. 32. CTE so granted is on the basis of detail submitted by the unit in online application, CTE granted will be without prejudice to any violation made by unit in past & will be deemed revoked & further action will be taken as per law if any violation is observed at any stage. 33. The Project Proponent/unit will not claim any benefits on the basis of this CTE in respect of past violation committed by them 34. Unit will not do any construction work in their project without obtaining valid renewed license from DTCP and CTE will be become null and void if unit fails to renew DTCP license. 35. This CTE is only valid for the area for which unit has obtained License /CLU issued by DTCP and Aravali clearance report from Deputy Commissioner, Gurugram. 36. At any stage, if any violation observed of any above conditions at any time, this CTE stands cancelled /revoked & further action will be taken as per Law/Acts/Notifications/Policies/Rules.

*Regional Officer, Gurgaon North
Haryana State Pollution Control Board.*



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Haryana)

To,

The Authorized Signatory

DLF LIMITED

At DLF Shopping Mall, 3rd Floor, Arjun Marg, DLF City, Phase-1,
Gurugram, Haryana -122002

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/HR/MIS/76126/2022 dated 28 Apr 2022. The particulars of the environmental
clearance granted to the project are as below.

- | | |
|---|---|
| 1. EC Identification No. | EC22B039HR111216 |
| 2. File No. | SEIAA/HR/2022/181 |
| 3. Project Type | New |
| 4. Category | B1 |
| 5. Project/Activity including
Schedule No. | 8(b) Townships and Area Development
projects. |
| 6. Name of Project | Proposed Group Housing Buildings in
Zone 10, DLF 5, at Sector-54 Gurugram,
Haryana by M/s DLF Ltd |
| 7. Name of Company/Organization | DLF LIMITED |
| 8. Location of Project | Haryana |
| 9. TOR Date | 08 Apr 2022 |

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 17/08/2022

(e-signed)
S. Narayanan, IFS
Member Secretary
SEIAA - (Haryana)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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**State Environment Impact Assessment Authority, Haryana,
Bays No.55-58, Prayatan Bhawan, Sector-2 Panchkula.**

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Subject: EC for Proposed Group Housing Buildings in Zone 10, DLF 5 at Sector 54, Gurgaon, Haryana by M/s DLF Limited.

This has reference to your Proposal No. SIA/HR/MIS/76126/2022 dated 28.04.2022 and subsequent letter dated 09.07.2022 for seeking prior Environmental Clearance (EC) for the above project under the EIA Notification, 2006 along with submission of required Scrutiny Fee amounting of Rs. 2,00,000/- vide DD No. 520455 dated 09.03.2022 in compliance of Haryana Government, Environment & Climate Change Notification No. DE&CCH/3060 dated 14th October, 2021. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, Form1-A, Conceptual Plan, EIA/EMP Report and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MoEF & CC, GoI vide their Notification dated 21.02.2022, in its meeting held on 08.07.2022 awarded “Gold” rating / grading to the Project.

2. It is inter-alia, noted that the project involves in Proposed Group Housing Buildings in Zone 10, DLF 5 at Sector 54, Gurgaon, Haryana.

3. The details of project are as under:

Table 1 Summary of Far

Sr. No.	Particulars		
1	Permissible FAR	32122149.73 sqm	A
2.	EC obtained till date for earlier project upto the ground housing (The CREST) falling in DLF5 as per plan submitted	1975616.401 sqm	B
3.	Balance FAR for (A-B)	1146524.33 sqm	C
4.	Proposed FAR for the Group Housing Zone-10, DLF5	143937.51 sqm	D
5.	Net Balance FAR (C-D)	1002586.82 sqm	E

Table 2 – Basic Details

Sr. No.	Particulars	
1.	Online Project Proposal Number	SIA/HR/MIS/76126/2022, Dated 28.04.2022
2.	Latitude	28°26'44.55"N
3.	Longitude	77°06'48.93"E
4.	Plot Area	30,653.317m ² (7.574 acres)
5.	Proposed Ground Coverage	6,369.381 m ² (20.77%)
6.	Proposed FAR	1,43,937.510 m ²
7.	Non FAR Area	89,440.488 m ²
8.	Total Built Up area	2,33,377.998 m ²
9.	Total Green Area with Percentage	9,195.995 m ² (30% plot area)
10.	Rain Water Harvesting Pits	8 Nos.
11.	STP Capacity	DLF-5 Common STP of 15 MLD
12.	Total Parking	1,615 ECS

13.	Organic Waste Converter	Total 1 nos. of Organic waste converters of capacity 1,500 Kg/day	
14.	Maximum Height of the Building (till terrace)	109.350 m	
15.	Power Requirement	5,874 KW (DHBVN)	
16.	Power Backup	9 DG sets of total capacity 8,250 KVA (7×1,000 KVA + 2×625 KVA).	
17.	Total Water Requirement	391 KLD	
18.	Domestic Water Requirement	255 KLD	
19.	Fresh Water Requirement	255 KLD	
20.	Treated Water	136 KLD	
21.	Waste Water Generated	294 KLD	
22.	Solid Waste Generated	2,069 kg/day	
23.	Biodegradable Waste	1,241 kg/day	
24.	Number of Blocks	4 nos	
25.	No. of Floors for Blocks	S+33	
26.	Dwelling Units	520 nos	
27.	Service personnel units	50 nos	
28.	Basement	4 nos	
29.	Community Building	1483.404 m ²	
30.	Stories	S+33 Floors	
31.	R+U Value of Material used (Glass)	U-Value: <2.8 W/m ² K SHGC: <0.60	
32.	Total Cost of the project:	i) Land Cost	1,076 Cr.
		ii) Construction Cost	
33.	EMP Cost/Budget	3,130.09 Lakhs	
34.	Incremental Load in respect of:	PM 2.5	0.00794 µg/m ³
		PM 10	0.00983µg/m ³
		SO ₂	0.0994 µg/m ³
		NO ₂	0.0631 µg/m ³
		CO	0.0000049 mg/m ³
35.	Construction Phase	Power Back-up	Temporary Connection
		Water Requirement & Source	DLF Water Tanks+ STP WATER (common STP Plan DLF Phase V)
		STP (Modular)	5 KLD
		Anti-Smoke Gun	1

Table 3 EMP

Total Project Cost: 107600 Lakhs

Total EMP Proposed Budget 3,130.09 Lakhs

During Construction Phase				During Operation Phase			
Description	Capital Cost (In Lakhs)	Recurring Cost		Description	Capital Cost (in Lakhs)	Recurring Cost	
		(In Lakhs for 3 Year)	Per Annum			(In Lakhs for 10 Year)	Per Annum
Sanitation and Wastewater Management	2	3	1	Solid Waste Management	27	30	3
Mobile STP	3	6	2	(Dust bins &			

				OWC)			
Disinfection / pest control	0	3	1				
Dust Mitigation Measures Including site barricading, water sprinkling and anti-smog gun, Wheel Washing	417	36	3	Green Belt Development	100	250	25
Traffic management	3	1.5	0.5	Monitoring for Air, Water, Noise & Soil	0	50	5
Waste Management	1.5	2	0.5				
PPE for workers & welfare	2	1.5	0.5	Rainwater harvesting system	48	15	1.5
Medical cum First Aid facility	2	1.5	0.5	DG Sets including stack height and acoustics	638.09	875	87.5
wheel washing	1	1.5	0.5	Sewerage Treatment plant	200	300	30
				Solar lighting / solar Panel (158.6kwp)	70	35	3.5
Monitoring / testing (air, noise, water, soil, stack emission, STP effluent, DG noise)	0	4.5	1.5				
Total	431.5	60.5	11	Total	1083.09	1555	155.5

4. The State Expert Appraisal Committee, Haryana after due consideration of the relevant documents submitted by the project proponent and additional clarification furnished in response to its observations, have recommended this project for grant of environmental clearance. Accordingly, the State Environment Impact Assessment Authority in its **144th meeting held on 8th – 9th August 2022** decided to agree with the recommendations of SEAC to accord necessary Environmental Clearance for the project under **Category 8(b)** of EIA Notification 2006 subject to the **strict compliance with the following stipulations depicted below:-**

A. Specific conditions:-

1. Sewage shall be treated in the STP based on latest Technology to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening
2. The PP shall also develop the Miyawaki Forest as proposed in the EMP with the capital cost and maintain the same. The Miyawaki forest shall be developed under the guidance of MD Forest Corporation Haryana.
3. PP shall submit revised Solar panel capacity as per HAREDA norms.
4. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
5. The PP shall ensure that total 2% of the cost of project shall be spent on EMP Budget. However, the amount and component shown in EMP table above shall also be included for the purpose of 2% amount. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
6. The PP shall not carry out any construct above and below revenue rasta if passing through the project and ensure that permission of the competent authority shall be obtained before carry out any construction above or below the revenue rasta. The PP shall put notice board on the revenue rasta for the passer byes.
7. The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
8. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
9. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to solid waste dumping site through authorized vender.
10. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
11. No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 9,195.995 m² (30% plot area) shall be provided for Green Area development for whole project, excluding plot areas.
12. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
13. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
14. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
15. The PP shall obtain the Fire NOC from the Competent Authority before taking the occupation of the building.
16. The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the So₂ load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency
17. The PP shall not give occupation or possession before the water supply and sewage connection permitted by the competent authority.
18. The PP shall not give occupation or possession before the electricity connection permitted by the competent Authority.
19. The PP shall obtain the permission regarding withdrawal of ground water, if any from HWRA/CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from HWRA/CGWA.
20. The PP shall carry out the quarterly awareness programs for the stakeholders of the project.

21. 08 Rain water harvesting recharge pits shall be provided for ground water recharging as per the CGWB norms
22. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of 08 RWH pits
23. The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
24. The PP may provide electric charging stations to facilitate electric vehicle commuters.
25. The PP shall provide the Anti smog gun mounted on vehicle in the project for suppression of dust during construction & operational phase and shall use the treated water, if feasible.
26. The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
27. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance

B. Statutory Compliance:

- [1] The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority for ground coverage, FAR and should be in accordance with zoning plan approved by Competent Authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- [2] The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- [3] The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for nonforest purpose involved in the project.
- [4] The project proponent shall obtain clearance from the National Board for Wildlife, if applicable. [5] The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Haryana State Pollution Control Board.
- [6] The project proponent shall obtain the necessary permission for drawl of ground water /surface water required for the project from the competent authority.
- [7] A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- [8] All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- [9] The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, the Plastics Waste (Management) Rules, 2016 and Batteries waste (Management Handling Rules 2001 as amended in 2020) shall be followed.
- [10] The project proponent shall follow the ECBC Act/ECBC-Rules prescribed by Bureau of Energy Efficiency, Ministry of Power strictly in addition of bylaws of the State Government.

I Air Quality Monitoring and Preservation

Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

- 2) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- 3) The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- 4) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of ultra low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board
- 5) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

- 6) Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- 7) Wet jet shall be provided for grinding and stone cutting.
- 8) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- 9) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- 10) The diesel generator sets to be used during construction phase shall be ultra low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- 11) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Ultra low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- 12) For indoor air quality the ventilation provisions as per National Building Code of India.

II Water Quality Monitoring and Preservation

- 1) The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- 2) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- 3) Total fresh water use shall not exceed the proposed requirement as provided in the project details. The per capita supply should adhere to NBC 2016 and CGWA Notification dated 12.12.2018.
- 4) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- 5) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- 6) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- 7) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- 8) Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- 9) Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- 10) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- 11) The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain Water Harvesting pits shall be provided for ground water recharging as per the CGWB norms.
- 12) A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- 13) All recharge should be limited to shallow aquifer.
- 14) No ground water shall be used during construction phase of the project.
- 15) Any ground water dewatering should be properly managed and shall conform to the

approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.

- 16) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- 17) Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- 18) No sewage or untreated effluent water would be discharged through storm water drains.
- 19) Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- 20) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- 21) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

III Noise Monitoring and Prevention

- 1) Ambient noise levels shall conform to residential area/commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
- 2) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- 3) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

IV Energy Conservation Measures

- 1) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency as per ECBC Act, 2017 read with ECBC Rules, 2018 shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC also which is in no case should be less than 25% as prescribed.
- 2) Outdoor and common area lighting shall be LED.
- 3) Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof R & U-values shall be as per ECBC specifications.
- 4) Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- 5) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- 6) Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

- 7) The PP will submit report indicating compliance of each parameter of ECBC requirement and submit quantification saving report for each component.

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VI Waste Management

- 1) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- 2) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- 3) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- 4) Organic Waste Converter within the premises with a minimum capacity of 0.5 kg /person/day must be installed. Leaves to be put in earmarked pits for converting them into compost to be used as manure
- 5) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- 6) Any hazardous waste generated during construction phase, shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- 7) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- 8) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- 9) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- 10) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII Green Cover

- 1) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- 2) A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- 3) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- 4) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

VIII Transport

- 1) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b) Traffic calming measures.
 - c) Proper design of entry and exit points.
 - d) Parking norms as per local regulation.
- 2) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- 3) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX Human Health Issues

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

X Corporate Environment Responsibility

- 1) The project proponent shall comply with the provisions of CER, as applicable.
- 2) The company shall have a well laid down environmental policy duly approved by the Board

- of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- 3) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 - 4) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

XI Miscellaneous

- 1) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
- 2) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- 3) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- 4) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- 5) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- 6) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- 7) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- 8) The project proponent shall abide by all the commitments and recommendations made in the form-IA, Conceptual Plan and also that during their presentation to the Expert Appraisal Committee.
- 9) No further expansion or modifications in the plan shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)/SEIAA, Haryana. The project proponent shall seek fresh environmental clearance under EIA notification 2006 if at any stage there is change of area of this project.
- 10) Any change in planning of the approved plan will leads to Environment Clearance voidab-initio and PP will have to seek fresh Environment Clearance
- 11) The PP should give unambiguous affidavit giving land promoters in accordance with your ownership and possession of land legal the case referred for Environment Clearance to SEIAA.
- 12) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- 13) The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 14) The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 15) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

- 16) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- 17) The validity of this environment clearance letter is valid up to 10 years from the date of issuance of EC letter (As per MoEF & CC, GoI Notification dated 12.04.2022). The environment clearance conditions applicable till life space project will continue to apply. In case of violation the action would be taken as per the laid down law of land. Compliance report should be sent to this office till life of the project.
- 18) If project is not completed within the validity period then the project proponent shall submit the application for extension of validity within one month before the lapse of validity period of Environment Clearance i.e. 10 years.
- 19) The Project Proponent should intimate to the Authority as well as to the quarter concerned in case of any change in the present communication address.

(S. Narayanan, IFS)
Member Secretary,
State Level Environment Impact
Assessment Authority, Haryana, Panchkula.

A copy of the above is forwarded to the following:

1. Director (IA Division), MoEF & CC, GoI, Indira Paryavaran Bhavan, Zor bagh Road-New Delhi-110003.
2. Chairman, State Environment Impact Assessment Authority, Bay No. 55-58, Prayatan Bhawan, Sector-2, Panchkula, Haryana
3. Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula.
4. Director, Environment & Climate Change Department, Haryana, Bay No. 55-58, Prayatan Bhawan, Sector-2, Panchkula, Haryana
5. Director General, Town & Country Planning Haryana, Plot No. 3, Sector - 18A, Madhya Marg, Chandigarh- 160018.
6. Regional Office, Ministry of Environment, Forests & Climate Change, Govt. of India, Bay's No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160018.
7. Concerned File/ Office Copy

(S. Narayanan, IFS)
Member Secretary,
State Level Environment Impact
Assessment Authority, Haryana, Panchkula.