

# DLF HOMES PANCHKULA PRIVATE LIMITED

Regd. Office: 2<sup>nd</sup> Floor, DLF Gateway Tower, DLF City Phase III, NH-8, Gurugram-122002  
CIN NO. U45400HR2007PTC038443

To,

Date: 29.05.2025

The Joint Director (S)  
Northern Regional Office  
Ministry of Environment, Forest & Climate Change  
Bays No. 24-25, Sector 31-A Dakshin Marg  
Chandigarh- 160030

**Subject: Submission of six-monthly compliance report of stipulated conditions of Environmental Clearance for "Residential Plotted Colony" Village Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex, District Panchkula, Haryana for the period of October 2024 to March 2025 (due to 1<sup>st</sup> June 2025).**

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/2022/194 dated 19.09.2022 we are submitting herewith Six-monthly Compliance Report of stipulated condition of Environmental Clearance (in one soft copy in CD) for the period of October 2024 to March 2025.

Thanking You

Yours sincerely,

For DLF Homes Panchkula Private Limited

For DLF Homes Panchkula Pvt. Ltd.

*Rohit Sharma*  
(Authorized Signatory) **Authorized Signatory**

Name - Rohit Sharma  
Designation - Executive Director  
E-mail - [sonawane-asim@dlf.in](mailto:sonawane-asim@dlf.in)  
Contact No. - 8146990000

Encl.: As stated above.

Copy to:

1. The Chairman, Haryana State Pollution Control Board (HSPCB), C-11 Sector-6 Panchkula (Haryana).
2. Member Secretary, State Environment Impact Assessment Authority (SEIAA), Haryana, Bays no. 55-57, Prayatan Bhawan, Sector-2, Panchkula (Haryana).



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Regd. Office: 2<sup>nd</sup> Floor, DLF Gateway Tower, DLF City Phase III, NH-8, Gurugram-122002  
CIN NO. U45400HR2007PTC038443

To,

Date: 22.05.2025

The Joint Director (S)  
Northern Regional Office  
Ministry of Environment, Forest & Climate Change  
Bays No. 24-25, Sector 31-A Dakshin Marg  
Chandigarh- 160030

**Subject:** Submission of six-monthly compliance report of stipulated conditions of Environmental Clearance for "Residential Plotted Colony" Village Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex, District Panchkula, Haryana for the period of October 2024 to March 2025 (due to 1<sup>st</sup> June 2025).

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Yours sincerely,

For DLF Homes Panchkula Private Limited

**For DLF Homes Panchkula Pvt. Ltd.**

*Rohit Sharma*

(Authorized Signatory) **Authorized Signatory**

Name - Rohit Sharma  
Designation - Executive Director  
E-mail - [sonawane-asim@dlf.in](mailto:sonawane-asim@dlf.in)  
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2. Member Secretary, State Environment Impact Assessment Authority (SEIAA), Haryana, Bays no. 55-57, Prayatan Bhawan, Sector-2, Panchkula (Haryana).

*30/05/25*  
Haryana State Pollution Control Board  
C-11, Sector 6



Rohit Sharma <dlfvalley2022@gmail.com>

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**Half yearly compliance report for submission period October 2024 to March 2025  
M/s DLF Homes Panchkula Private Limited. Residential Plotted Colony” over land  
measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3,  
Pinjore Kalka Urban Complex, District Panchkula, Haryana**

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**Rohit Sharma** <dlfvalley2022@gmail.com>

Tue, May 27, 2025 at 5:36 PM

To: ecompliance-nro@gov.in

Cc: aman@vardan.co.in

Respected Sir,

Please find enclosed half yearly compliance report for the submission period October 2024 to March 2025 for M/s DLF Homes Panchkula Private Limited. Residential Plotted Colony” over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana

Yours Sincerely



**Compliance report - DLF Valley.pdf**  
13789K

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

<b>Proposal No</b>	SIA/HR/MIS/77517/2022
<b>Compliance ID</b>	113813950
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/113813950/2025
<b>Reporting Year</b>	2025
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Submission Date</b>	27-05-2025
<b>RO/SRO Name</b>	Satya Prakash Negi
<b>RO/SRO Email</b>	jhk119@ifs.nic.in
<b>State</b>	HARYANA
<b>RO/SRO Office Address</b>	Integrated Regional Offices, Chandigarh

**Note:-** SMS and E-Mail has been sent to Satya Prakash Negi, HARYANA with Notification to Project Proponent.



# DLF HOMES PANCHKULA PRIVATE LIMITED

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**Subject: Submission of six-monthly compliance report of stipulated conditions of Environmental Clearance for "Residential Plotted Colony" Village Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex, District Panchkula, Haryana for the period of October 2024 to March 2025 (due to 1<sup>st</sup> June 2025).**

Sir,

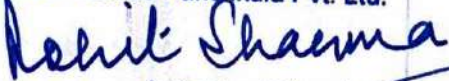
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Designation - Executive Director  
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# 1

## INTRODUCTION

### 1.1 Introduction

**M/s DLF Homes Panchkula Private Limited** has proposed Proposed "Proposed Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana

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

### 1.2 Purpose of the Project:

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, Panchkula, MoEF&CC, Chandigarh and HSPCB, Panchkula. 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, Noise & Soil by the NABL/Moef labs
- 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:**

- **Construction Work is going on.**

# 2

## ADHERENCE TO SPECIFIC AND GENERAL CONDITIONS

### Specific Condition

S. No.	Conditions of Environmental Clearance	Status of Compliance
1.	That the project proponent shall maintain 25% green area of total plot area as submitted in the proposal of the said project.	<i>Green area will be maintained 25% (i.e. 11269m<sup>2</sup>) of the total plot area as proposed in the EC.</i>
2.	That the project proponent will install 650 KLD STP for the proposed project	<i>The STP capacity shall be installed as per the EC granted to the project.</i>
3.	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.	<i>Noted &amp; Agreed.</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>Agreed and same will be complied.</i>
5.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. 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>We have already prepared and submitted the detail of EMP Budget to the authority and the same will be complied in the due course of time.</i>
6.	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 the monitoring data with environment clearance conditions including results of monitored data is being regularly uploaded on our website.</i>
7.	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 sets using recycled treated water and fresh waters for flushing, and quantity of water being supplied through spray faucets attached to toilet seats.	<i>Agreed and same will be complied.</i>
8.	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 be dumping site through authorized vender.	<i>Separate dust bins will be used to segregate the waste material on the project site. Different types of waste will be collected separately and disposed as per the norms.</i>



**Environmental Clearance for Proposed "Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana**  
**EC No. SEIAA/HR/2022/194 Dated-19/09/2022**

9.	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 05kms radius of the site in different scenarios of space and time	<i>Agreed and will be complied.</i>
10.	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 11,269 m <sup>2</sup> (25% of Balance plot area=total site area – (area under plots + area under sector road) shall be provided for Green Area development for whole project, excluding plot areas.	<i>Adequate green area will be developed in the due course of time with native plant species.</i>
11.	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. Copy of EC letter is attached as <b>Annexure-I</b>.</i>
12.	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>Consent to establishment for the project has already been obtained prior to start of the project activity through No. HSPCB/Consent/ : 329962322PANCTE28675208 dated 03.11.2022 and submitted to SEIAA. Copy of same is enclosed as <b>Annexure-2</b>.</i>
13.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipment's etc. as per National Building Code including protection measures from lightening etc.	<i>Noted.</i>
14.	The PP shall obtain the fire NOC from the Competent Authority before taking the Occupation the Building.	<i>Noted and Agreed. As per Haryana Fire and Emergency Services rules, it is not required when the height of the project is less than 15 m.</i>
15.	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 So <sub>2</sub> load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency	<i>Agreed &amp; Noted</i>
16.	The PP shall enhance solar power capacity upto 3% total power demand.	<i>Noted and the same will be complied in the due course of time.</i>
17.	PP has submitted an undertaking that they have applied for Wildlife Clearance from the standing Committee of National Board for Wildlife (NBWL) for the project. PP further enclosed acknowledgement to the effect that proposal (No. FP/HR/Others/6266/2022 dated 04.04.2022) seeking prior approval of Central Government under the Forest (Conservation) Act 1980	<i>"As per Gazetted notification of Sukhna ESZ(Haryana side) published by MOEF&amp;CC on Nov 11,2024, the region under ESZ will be from 1 km to 2.035 kms from the boundary of Sukhna and our project is located at 2.63 kms from Sukhna boundary which is outside the notified ESZ." (Please find the attached notification as <b>Annexure-3</b>).</i>

**Environmental Clearance for Proposed "Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana**  
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	has been uploaded on the portal of MoEF&CC for necessary permission/approval for Eco Sensitive Zone of National Wildlife Sanctuary. There are three nearby WLS namely, Bir Shikargah WLS, Khol Hai Raitan WLS and Sukhna WLS.	
18.	The PP shall not give occupation or possession before the Water supply Sewage connection permitted by the competent Authority.	<i>We have already obtained the water assurance from HSVP, Panchkula through Memo No.106861 dated 29.06.2022. The copy of same is attached as <b>Annexure-4</b>.</i>
19.	The PP shall not give occupation or possession before the electricity connection permitted by the competent Authority.	<i>Power assurance has already been obtained from UHBVN dated 06.06.2022. Copy of power assurance is attached as <b>Annexure-5</b></i>
20.	The PP Shall obtain the permission regarding the withdrawal of ground water from HWRA/CGWA before the start of the project If required and also obtained the CTO from HSPCB after the approval from HRWA/CGWA.	<i>No ground water will be used at the project site before obtaining prior clearance from CGWA/HWRA</i>
21.	The PP shall carry out the quarterly awareness program for the stakeholders of the Project.	<i>Agreed and same will be complied.</i>
22.	174 Rain water harvesting recharge pits shall be provided for ground water recharging as per the CGWA Norms in individual plot.	<i>Adequate number of rainwater harvesting pits will be developed at the project site.</i>
23.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits	<i>We will install the digital water level recorders for the monitoring of water recharge and also maintain logbook for the cleaning of the RWH pits.</i>
24.	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.	<i>Same will be complied as per the norms.</i>
25.	The PP may provide electric charging stations to facilitate electric vehicle commuters.	<i>Noted.</i>
26.	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>Noted We have provided Anti-smog gun and only treated water will be used for the dust suppression.</i>
27.	The PP shall take preventive measures including water sprinkling to control dust during construction & operational phase.	<i>Adequate measures shall be obtained to control the dust during construction and operational phase.</i>
28.	Any change in stipulation of EC Will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.	<i>Fresh EC will be obtained before any change in the planning of project.</i>
29.	The PP shall get agreement with individual plot holder to plant one tree in each plot.	<i>Noted</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>We have obtained necessary clearances before the start of construction. The copy of mining permission for the soil excavation is obtained through Memo No. STP/Pkl/1093 dated 02.08.2022 is attached as <b>Annexure-6</b>. Construction will be done as per the NBC norms.</i>
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire fighting equipment etc. as	<i>Noted and same will be submitted to the authority.</i>

**Environmental Clearance for Proposed "Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana**  
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	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 non-forest purpose involved in the project.	<i>Noted NOC from DFO has been obtained through No. 1407 dated 18.05.2022 and submitted to the authority and is attached as Annexure-7.</i>
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	<i>"As per Gazetted notification of Sukhna ESZ(Haryana side) published by MOEF&amp;CC on Nov 11,2024, the region under ESZ will be from 1 km to 2.035 kms from the boundary of Sukhna and our project is located at 2.63 kms from Sukhna boundary which is outside the notified ESZ." (Please find the attached notification as Annexure-3).</i>
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.	<i>CTE has been obtained from HSPCB Vide No. HSPCB/Consent/: 329962322PANCTE28675208 dated 03/11/2022 and the copy is attached as Annexure-2.</i>
6.	The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the Competent authority.	<i>We have already obtained the water assurance from HSVP, Panchkula through Memo No.106861 dated 29.06.2022. The copy of same is attached as Annexure-4.</i>
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.	<i>Power assurance has already been obtained from UHBVN dated 06.06.2022. Copy of power assurance is attached as Annexure-5.</i>
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.	<i>Noted</i>
9.	The provisions of the Solid waste (Management Rules, 2016, e-Waste (Management) Rules, 2016, and the plastic Waste (Management) Rules, 2016 and Batteries waste (Management Handling Rules 2001 as amended in 2020) shall be followed.	<i>Waste will be disposed as per the guidelines.</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>ECBC rules &amp; Regulations are being considered during construction phase.</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>Dust Mitigation measures and water sprinkling system are 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>Noted</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>Vehicles bringing construction material to the site are having valid PUC certificate and no vehicles are allowed to enter the project site without the valid PUC certificate. Monitoring reports will be submitted on regular basis. Same is attached as Annexure-8.</i>
iv	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to	<i>Acoustically enclosed DG sets have been installed at the project site to conform to the guidelines under EPA Act.</i>

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	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	
<b>v</b>	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.	<i>Temporary barricading has been provided at the construction site. Sign boards and screens are already provided at construction site. Construction material is being stored with cover and tarpaulins so that no dust emission occurs at and around the site.</i>
<b>vi</b>	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	<i>Construction material has been covered properly to prevent the dust pollution.</i>
<b>vii</b>	Wet jet shall be provided for grinding and stone cutting.	<i>Noted</i>
<b>viii</b>	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	<i>Regular sprinkling is being done to suppress the dust.</i>
<b>ix</b>	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>The construction and demolition waste is being handed over to the C&amp;D waste processing plant, Municipal Corporation Chandigarh Receipt of the same is attached as <b>Annexure-9</b>.</i>
<b>x</b>	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>Ultra LSD has been installed for construction purpose.</i>
<b>xi</b>	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>Adequate height is being maintained for stack as per CPCB norms.</i>
<b>xii</b>	For indoor air quality the ventilation provisions as per National Building code of India.	<i>Noted and same will be complied.</i>

**II water quality monitoring and preservation**

<b>S. No.</b>	<b>Conditions of Environmental Clearance</b>	<b>Status of Compliance</b>
<b>[i]</b>	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>No natural drain has been disturbed during the construction phase.</i>
<b>[ii]</b>	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>
<b>[iii]</b>	Total fresh water use shall not exceed the proposed	<i>We assure that the total fresh water requirement will not</i>



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S. No.	Conditions of Environmental Clearance	Status of Compliance
	requirement as provided in the project details. The per capita supply should adhere to NBC 2016 and CGWA Notification dated 12.12.2018.	<i>exceed the proposed water requirement.</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>Digital flow meters will be installed to monitor the water usage, water recycling and rainwater harvesting in the due course of time.</i>
[v]	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.	<i>Noted and same will be complied.</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>Adequate open space will be developed as grass paver and paver blocks.</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>Noted. Dual plumbing will be installed at the project site to reuse the treated water for various purposes.</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>Adequate water saving devices will be installed to reduce the water usage.</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>Dual plumbing will be installed to separate grey and black water.</i>
[x]	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	<i>Premixed concrete will be used to reduce the water demand.</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>Noted. Adequate RWH Pits shall be provided at the project site as per the norms in the due course of time.</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>Rainwater harvesting plan has been already prepared and submitted to the competent authority.</i>



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S. No.	Conditions of Environmental Clearance	Status of Compliance
[xiii]	All recharge should be limited to shallow aquifer.	<i>Noted and agreed.</i>
[xiv]	No ground water shall be used during construction phase of the project.	<i>Noted. Water requirement will be met through HSVP supply during the construction phase.</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>No ground water will be used without any prior dewatering permission from competent authority.</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 proponent. The record shall be submitted to the Regional Office, MoEF&CC/ SEIAA along with six monthly Monitoring reports.	<i>Noted and will be complied.</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>Treated sewage water will be reused for flushing, horticulture and other purposes at the project site.</i>
[xviii]	No sewage or untreated effluent water would be discharged through storm water drains.	<i>The all effluent water will be treated and used inside the project site.</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 the same will be complied.</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>Periodic monitoring of treated water will be done to measure the quality of the water.</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>Noted.</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	<i>Noise level survey is being carried out as per the guidelines. Monitoring reports are enclosed as <b>Annexure-8</b>.</i>

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	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/ SEIAA as a part of six-monthly compliance report.	<i>Noted.</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 impact due to ground sources.	<i>Noted.</i>

**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>Agreed and the building is being developed as per the ECBC norms.</i>
(ii)	Outdoor and common area lighting shall be LED.	<i>We assure you that LED lights will be installed outdoor and common areas at the project site.</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. Outdoor and common area will be lightened with solar light to reduce electricity load on power grid.</i>
(iv)	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	<i>LED lights will be provided in residents and office areas</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>Noted.</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>Noted.</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.</i>

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**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>Noted</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 people, only in approved sites with the approval of competent authority.	<i>Disposal of waste generated during construction phase will be disposed off through authorized vendors.</i>
(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 has been provided as per the requirement for the segregation of the waste.</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>Solid waste management aspects will be properly addressed and compliance with the waste management 2016 rules will be practiced.</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>Noted</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>Noted.</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>Eco friendly material such as fly ash bricks, cement etc. is being used for the construction purpose.</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 <sup>th</sup> August, 2003 and 25 <sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.	<i>Noted</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>The construction and demolition waste is being handed over to the C&amp;D waste processing plant, Municipal Corporation Chandigarh. Receipt of the same is attached as <b>Annexure-9</b>.</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>Used CFLs and LEDs will be handed over the authorised vendors as per the norms.</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	<i>The land to be developed for the project is a vacant land. No trees or plants have been cut. During project development 25% of land will be developed for landscaping as per the proposed plan.</i>

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	Department. Plantations to be ensured species (cut) to species (planted).	
2.	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.	<i>We have submitted the plan for landscaping to the authority. Plant species will be as per the condition.</i>
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 greenbelt development shall be provided as per the details provided in the project document.	<i>The top soil excavated during the construction phase is appropriately stored for use in horticultural landscaping and backfilling.</i>
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>We are complying with the condition.</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 same will be complied.</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>Good condition vehicles with valid PUC Certificate are allowed to enter the project premises.</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 0kms 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 components of the plan which involve the participation of these departments.	<i>Traffic decongestion plan has already been submitted to the authority and the same will be developed in the due course of time.</i>

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**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>Dust mask and proper protection equipment has already been provided to the site workers.</i>
2.	For indoor air quality the ventilation provisions as per National Building Code of India.	<i>Noted and the same will be complied.</i>
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	<i>Noted.</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>All the required facilities have been developed and provided to the construction workers at the project site.</i>
5.	Occupational health surveillance of the workers shall be done on a regular basis.	<i>Noted and the same is being complied.</i>
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.	<i>We have already provided the first aid room at the construction site. Photo is attached as <b>Annexure-10</b>.</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 and the same is being complied.</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/ 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	<i>Environment Policy duly approved by the Board of Directors attached as <b>Annexure-11</b>.</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.</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>



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**X. Miscellaneous**

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 given advertisement in two local newspapers and also submitted a copy to the concerned authority. Copy of News Paper is Attached as <b>Annexure-12</b>.</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>Noted</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. We will regularly upload the environmental clearance conditions with all monitoring data on our website.</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>Will be complied.</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>Noted. We will regularly submit the environmental statement once the project comes in operational phase.</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 same 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>Noted and will be complied.</i>
8.	The project proponent shall abide by all the commitments and recommendation made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	<i>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 and agreed.</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.</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.</i>

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<b>12.</b>	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>
<b>13.</b>	The Ministry/ SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<i>Noted.</i>
<b>14.</b>	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>
<b>15.</b>	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>We will provide our full cooperation to the officers of Regional Office with all the related documents and data.</i>
<b>16.</b>	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 Waste: (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.</i>
<b>17.</b>	The validity of this environment clearance letter is valid up to 10 years from the date of issuance of EC letter. The environment clearance conditions applicable till life span 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.</i>
<b>18.</b>	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>Noted and agreed.</i>
<b>19.</b>	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>Noted.</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; one being nears the Main Gate, Second is Centre of the Project & Last Back side Area of the 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 Code	Location Name/ Description
1	AAQ-1	Near Main Gate
2.	AAQ-2	Center of the Project
3.	AAQ-3	Back Side of the Project

#### 3.1.2 Ambient Air Quality Monitoring Methodology

- Particulate Matter (PM<sub>2.5</sub>)
- Particulate Matter (PM<sub>10</sub>)
- Sulphur Dioxide (SO<sub>2</sub>)
- Oxides of Nitrogen (NO<sub>x</sub>)
- Carbon Monoxide (CO)
- Benzene (as C<sub>6</sub>H<sub>6</sub>)
- Ammonia (as NH<sub>3</sub>)
- Ozone (as O<sub>3</sub>)
- Lead (as Pb)
- Arsenic (as As)
- Nickel (as Ni)
- Benzo (alpha) pyrene

The duration of sampling of PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub> was 24 hourly continuous sampling per day and CO was sampled for 8 hours continuous, thrice in 24 hour duration monitoring. The

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monitoring was conducted for one day at each location. This is to allow a comparison with the National Ambient Air Quality Standards.

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<sub>2.5</sub> i.e. <2.5 microns), and Respirable Dust Sampler was used for sampling Respirable fraction (<10 microns), gaseous pollutants like SO<sub>2</sub>, and NO<sub>x</sub>. 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 10	Respirable Dust Sampler, with cyclone separator, Gravimetric Method	IS: 5182 (P-23) : 2006 RA : 2017
2	Particulate Matter 2.5	Fine Particulate Sampler, Gravimetric Method	IS: 5182 (P-24) : 2019
3	Nitrogen Dioxide (as NO <sub>2</sub> )	Jacob & Hochheiser	IS: 5182 (P-6) 2006 RA:2022
4	Sulphur Dioxide (as SO <sub>2</sub> )	Modified West and Gaeke	IS: 5182 (P-2) RA:2023
5	Carbon Monoxide (as CO)	Gas Chromatography	IS:5182 (P-10), NDIR Method
6	Benzene (as C <sub>6</sub> H <sub>6</sub> )	Gas Chromatography	IS: 5152 (Part-11)
7	Ammonia (as NH <sub>3</sub> )	Distillation Method	VEL/EN/STP/155, Issue No.-01, Issue Date 01/11/2023
8	Ozone (as O <sub>3</sub> )	Colorimetry	IS: 5182 (P-9)
9	Lead (as Pb)	Atomic Absorption Spectro-photometer	IS: 5182 (P-22)
10	Arsenic (as As)	Atomic Absorption Spectro-photometer	VEL/EN/STP/110, Issue No.1, Issue date 01/11/2023
11	Nickel (as Ni)	Atomic Absorption Spectro-photometer	IS: 5182 (P-26)
12	Benzo (alpha) pyrene	Gas Chromatography	VEL/EN/STP/157, Issue No.-01, Issue Date 01/11/2023

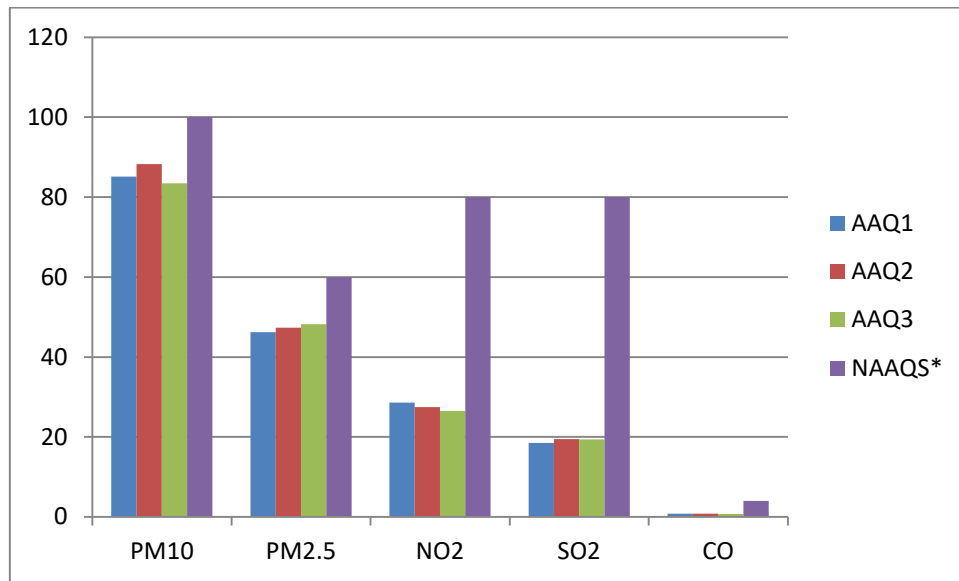
### 3.1.3 Ambient Air Quality Monitoring Results

The detailed on-site monitoring results of PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> and CO are presented in **Table 3.3**.

**Table 3.3 Ambient Air Quality Monitoring Results**

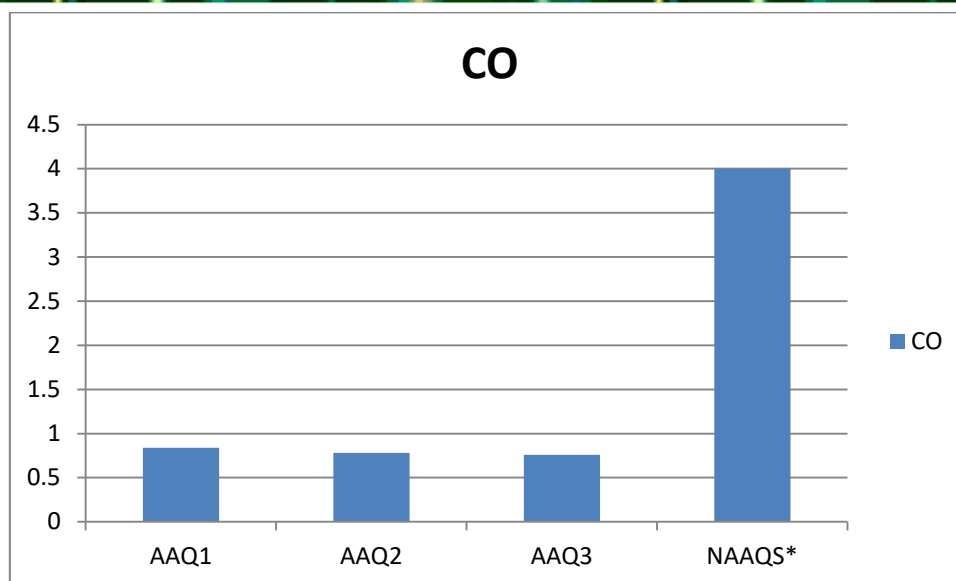
PARAMETERS	AAQ1	AAQ2	AAQ3	NAAQS*
Particulate Matter(PM10)	85.12	88.24	83.45	100
Particulate Matter (PM2.5)	46.21	47.31	48.20	60
Nitrogen Dioxide(NO2)	28.64	27.52	26.54	80
Sulphur Dioxide(SO2)	18.54	19.45	19.37	80
Carbon Monoxide(CO)	0.84	0.76	0.76	4

\*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 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**

PM<sub>10</sub> and PM<sub>2.5</sub> levels at the project site are within the permissible limit of 100 µg/m<sup>3</sup> and 60 µg/m<sup>3</sup> respectively (for residential, rural and other areas as stipulated in the National Ambient Air Quality Standards). SO<sub>2</sub>, NO<sub>x</sub> and CO was observed within the corresponding stipulated limits (Limit for SO<sub>2</sub> and NO<sub>x</sub>: 80 µg/m<sup>3</sup> and limit for CO: 4.0µg/m<sup>3</sup>) 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 in near main gate 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 3 locations at the boundary of the project site as given in **Table 3.4**.

**Table 3.4 Details of Ambient Noise Monitoring Stations**

Sr. No.	Location Code	Location Name	Description
1.	N1	Near Main gate	Residential
2.	N2	Center of the Project	Residential
3.	N3	Back Side of the Project	Residential

#### 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 06:00 hrs to 06:00 hrs 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.

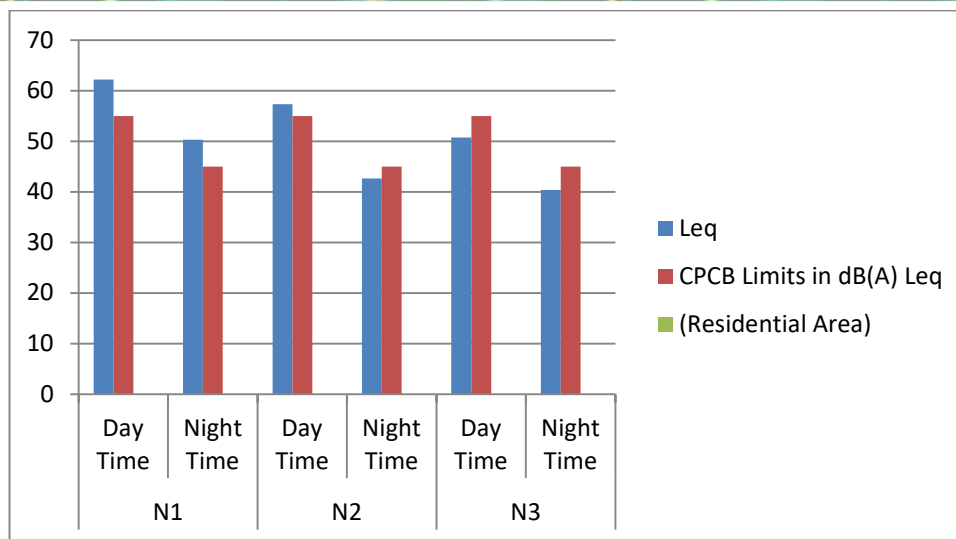
#### 3.2.3 Ambient Noise Monitoring Results

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 3.3**.

**Table 3.5 Ambient Noise Monitoring Results**

	Location Code					
	N1		N2		N3	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Leq	62.20	50.29	57.31	42.61	50.71	40.36
CPCB Limits in dB(A) Leq (Residential Area)	55.00	45.00	55.00	45.00	55.00	45.00

**Environmental Clearance for Proposed "Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana  
EC No. SEIAA/HR/2022/194 Dated-19/09/2022**



**Figure 3.3 Location-wise Variation of in Ambient Noise Quality**

### 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. 55 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. 45 dB (A).

### 3.3 WATER QUALITY MONITORING

#### 3.3.1 Water Quality Monitoring Locations

Keeping in view the importance of water as an important source to the local population, sample of water was collected from the project site for the assessment of impacts of the project on the water quality.

Water sample was collected from the Tank Installed at the project site form the construction and drinking purpose. The sample was analyzed for various parameters to compare with the standards for ground water as per IS: 10500 for ground water sources. The details of water sampling locations are given in **Table 3.6**.

**Table 3.6 Details of Water Quality Monitoring Station**

S. No.	Location Code	Location Description
1.	Drinking Water	Project Site

#### 3.5.2 Methodology of water Quality Monitoring

Samples were collected as grab sample and sampling forms are filled in as per the sampling plan. The preservative sample were properly added to preserve as per standard operating procedures (SOP) and stored immediately in ice boxes, which were ensured for appropriate temperatures. Sample for chemical analysis was collected in polyethylene carboys. Sample collected for metal content were acidified to <2 pH with 1 ml HNO<sub>3</sub>. 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 to laboratory 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 water are given in **Table 3.7**,

**Environmental Clearance for Proposed "Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana**  
**EC No. SEIAA/HR/2022/194 Dated-19/09/2022**

### 3.5.3 Water Quality Results

The detailed water quality monitoring results are presented in **Table 3.7**

**Table 3.7 Water Quality Monitoring Results**

S. No.	Parameter	Test-Method	Result	Unit	Requirement as per IS:10500 -2012	
					Acceptable Limit	Permissible limit
1.	pH (at 25 °C)	IS:3025 (Part 11):2022 (Using by Electrode)	7.66	--	6.5 to 8.5	No Relaxation
2.	Colour, max	IS:3025 (Part-4) : 2021 (Visual Comparison Method)	BLQ(LOQ-1.0)	Hazen	5	15
3.	Turbidity, max	IS: 3025:P-10: 2023 (Nephelometric Method)	<1.0	NTU	1	5
4.	Odour	IS:3025 part-5: 2018	Agreeable	--	Agreeable	Agreeable
5.	Taste	IS 3025 (Part 8): 2023	Agreeable	--	Agreeable	Agreeable
6.	Total Dissolved Solids (at 180°C ± 1°C),max	IS:3025:P-16: 2023 (Gravimetric Method)	132.00	mg/l	500	2000
7.	Calcium (as Ca),max	IS:3025:Part-40: 1991 (EDTA Titrimetric Method)	14.20	mg/l	75	200
8.	Alkalinity (as CaCO <sub>3</sub> )	IS:3025:Part 23: 2023 (Indicator Method)	75.42	mg/l	200	600
9.	Chloride (as Cl),max	IS:3025:Part-32: 1988 (Argentometric Method)	18.20	mg/l	250	1000
10.	Magnesium (as Mg)	IS:3025:Part-46: 2023 (Volumetric Method using EDTA)	4.62	mg/l	30	100
11.	Total Hardness (as CaCO <sub>3</sub> ),max	IS:3025:P-21:2009 (EDTA Method)	56.24	mg/l	200	600
12.	Sulphate(as SO <sub>4</sub> ),max	IS:3025: (Part24/Sec-1):2022 (Turbidity Method)	11.25	mg/l	200	400
13.	Fluoride (as F),max	APHA 4500 F-D:24th Edition : 2023 (SPADNS Method)	0.23	mg/l	1.0	1.5
14.	Nitrate (as NO <sub>3</sub> ),max	IS:3025 P-34/Sec1)2023:(Screening	1.21	mg/l	45	No Relaxation



**Environmental Clearance for Proposed "Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana**  
**EC No. SEIAA/HR/2022/194 Dated-19/09/2022**

		Method)				
15.	Iron (as Fe),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.01)	mg/l	1.0	No relaxation
16.	Aluminum (as Al),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.005)	mg/l	0.03	0.2
17.	Boron (as B),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.01)	mg/l	0.5	2.4
18.	Total Chromium (as Cr),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.002)	mg/l	0.05	No Relaxation
19.	Phenolic Compounds (C <sub>6</sub> H <sub>5</sub> OH),max	Clause-6 of IS:3065(P-43/Sec-1):2022, (With Chloroform Extraction Method)	BLQ(LOQ-0.001)	mg/l	0.001	0.002
20.	Mineral Oil,max	IS 3025 (Part 39), Infrared Spectroscopic Method	BLQ(LOQ-0.5)	mg/l	1.0	No Relaxation
21.	Anionic Detergents (as MBAS),max	IS:3025:P-68:2019 (Methylene Blue Method)	BLQ(LOQ-0.05)	mg/l	0.2	1.0
22.	Zinc (as Zn),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.01)	mg/l	5.0	15.0
23.	Copper (as Cu),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.002)	mg/l	0.05	1.5
24.	Manganese (as Mn),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.01)	mg/l	0.1	0.3
25.	Selenium (as Se),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.001)	mg/l	0.01	No Relaxation
26.	Cadmium (as Cd),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.002)	mg/l	0.003	No Relaxation
27.	Lead (as Pb),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.002)	mg/l	0.01	No Relaxation
28.	Cyanide (as CN),max	IS 3025 (P-27/Sec-1):2021(Pyridine Barbituric Acid Method)	BLQ(LOQ-0.02)	mg/l	0.05	No Relaxation
29.	Arsenic (as As),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.005)	mg/l	0.01	No Relaxation
30.	Mercury (as Hg),max	VEL/W/STP/ 03, Issue No.-01, Issue date-01/11/23:2023	BLQ(LOQ-0.0005)	mg/l	0.001	No Relaxation
31.	Total Coliform	IS 15185	Absent	/100ml	Shall not be detectable in	--

**Environmental Clearance for Proposed "Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana  
EC No. SEIAA/HR/2022/194 Dated-19/09/2022**

					any 100 ml sample	
32.	E. coli	IS 15185	Absent	/ 100ml	Shall not be detectable in any 100 ml sample	--

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 water quality in the project area is observed to be alkaline in nature with total alkalinity reaching up to 75.42 mg/L at project against desirable limit of 200 mg/l. Total dissolved solids in the water is 132.00 mg/L at project site against prescribed limit of 500 mg/L. However, remaining parameters are within the CPCB prescribed limits.

### 3.4 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 3.8**.

**Table 3.8 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 2025**.

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.

**Environmental Clearance for Proposed "Residential Plotted Colony" over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana**  
**EC No. SEIAA/HR/2022/194 Dated-19/09/2022**

### 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)	7.68	--
2.	Electrical Conductivity	IS:14767	0.352	mS/cm
3.	Colour	VEL/EN/STP/67, Issue No.- 01, Issue date 01/11/2023	Yellowish Brown	--
4.	Water holding capacity	VEL/EN/STP/86, Issue No.- 01, Issue date 01/11/2023	35.12	%
5.	Bulk density	VEL/EN/STP/59, Issue No.- 01, Issue date 01/11/2023	1.56	gm/cc
6.	Chloride (as Cl)	VEL/EN/STP/69, Issue No.- 01, Issue date 01/11/2023	152.10	mg/kg
7.	Calcium (as Ca)	VEL/EN/STP/72, Issue No.- 01, Issue date 01/11/2023	135.26	mg/kg
8.	Sodium (as Na)	VEL/EN/STP/62, Issue No.- 01, Issue date 01/11/2023	112.10	mg/kg
9.	Potassium (as K)	VEL/EN/STP/61, Issue No.- 01, Issue date 01/11/2023	89.64	mg/kg
10.	Organic Matter	IS 2720 (P-22)	0.53	%
11.	Magnesium (as Mg)	VEL/EN/STP/72, Issue No.- 01, Issue date 01/11/2023	25.10	mg/kg
12.	Available Nitrogen (as N)	IS:14684	210.54	kg./hec.
13.	Available Phosphorus	VEL/EN/STP/73, Issue No.- 01, Issue date 01/11/2023	28.64	kg./hec.
14.	Total Zinc (as Zn)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	13.24	mg/kg
15.	Total Manganese (as Mn )	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	16.24	mg/kg
16.	Total Chromium (as Cr)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	1.57	mg/kg
17.	Total Lead (as Pb)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	3.20	mg/kg
18.	Total Cadmium (as Cd)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	BLQ(LOQ-0.5)	mg/kg
19.	Total Copper (as Cu )	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	5.10	mg/kg
20.	Soil Texture	VEL/EN/STP/64, Issue No.- 01, Issue date 01/11/2023	Sandy Loam	--

\*SOP-Laboratory standard operating procedure. Chromium- this parameter is not covered our nabl scope.

### 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.

### 3.5 Stack Emission Monitoring

**Table 3.10 Details of Stack Monitoring Stations**

S. No.	Location Code	Capacity
1.	DG1	125 KVA
2.	DG2	125 KVA
3.	DG3	125 KVA

**Table 3.11 Stack Monitoring Results**

**Location- DG1**

S. No.	Test Parameters	Test Method	Results	Units	Limits as Per CPCB
1.	Particulate Matter (as PM)	IS 11255 (P-1) :2019	<b>0.017</b>	g/kw-hr	0.02
2.	Oxide of Nitrogen (as NO <sub>x</sub> )	VEL/EN/STP/146, Issue No.01, Issue date-01/11/2024	<b>0.254</b>	g/kw-hr	0.40
3.	Total Hydrocarbon (as HC)	VEL/EN/STP/137, Issue No.01, Issue date-01/11/2024	<b>0.076</b>	g/kw-hr	0.19
4.	Carbon Monoxide (as CO)	VEL/EN/STP/146, Issue No.01, Issue date-01/11/2024	<b>0.352</b>	g/kw-hr	3.5

**Table 3.12 Stack Monitoring Results**

**Location- DG2**

S. No.	Test Parameters	Test Method	Results	Units	Limits as Per CPCB
1.	Particulate Matter (as PM)	IS 11255 (P-1) :2019	<b>0.019</b>	g/kw-hr	0.02
2.	Oxide of Nitrogen (as NO <sub>x</sub> )	VEL/EN/STP/146, Issue No.01, Issue date-01/11/2024	<b>0.275</b>	g/kw-hr	0.40
3.	Total Hydrocarbon (as HC)	VEL/EN/STP/137, Issue No.01, Issue date-01/11/2024	<b>0.082</b>	g/kw-hr	0.19
4.	Carbon Monoxide (as CO)	VEL/EN/STP/146, Issue No.01, Issue date-01/11/2024	<b>0.345</b>	g/kw-hr	3.5



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**EC No. SEIAA/HR/2022/194 Dated-19/09/2022**

**Table 3.13 Stack Monitoring Results**

**Location- DG3**

S. No.	Test Parameters	Test Method	Results	Units	Limits as Per CPCB
1.	Particulate Matter (as PM)	IS 11255 (P-1) :2019	<b>0.016</b>	g/kw-hr	0.02
2.	Oxide of Nitrogen (as NO <sub>x</sub> )	VEL/EN/STP/146, Issue No.01, Issue date-01/11/2024	<b>0.280</b>	g/kw-hr	0.40
3.	Total Hydrocarbon (as HC)	VEL/EN/STP/137, Issue No.01, Issue date-01/11/2024	<b>0.065</b>	g/kw-hr	0.19
4.	Carbon Monoxide (as CO)	VEL/EN/STP/146, Issue No.01, Issue date-01/11/2024	<b>0.362</b>	g/kw-hr	3.5

### 3.6 Point Source (DG Noise) Monitoring

**Table 3.14 Details of Point Source Monitoring Stations**

S. No.	Location Code	Capacity
1.	DG1	125 KVA
2.	DG2	125 KVA
3.	DG3	125 KVA

**Table 3.15 DG Noise Monitoring Results**

S. No.	Parameter	Test Method	Open the Canopy of DG Set Result dB(A)	Close the Canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
1.	L <sub>eq</sub>	IS: 4758	95.6	70.3	25.3
2.	CPCB Limit in Leq dB(A)	--	--	75.0 (Max.)	25.0 (Min.)

**Table 3.16 DG Noise Monitoring Results**

S. No.	Parameter	Test Method	Open the Canopy of DG Set Result dB(A)	Close the Canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
1.	L <sub>eq</sub>	IS: 4758	96.5	71.7	25.4
2.	CPCB Limit in Leq dB(A)	--	--	75.0 (Max.)	25.0 (Min.)

**Table 3.17 DG Noise Monitoring Results**

S. No.	Parameter	Test Method	Open the Canopy of DG Set Result dB(A)	Close the Canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
1.	L <sub>eq</sub>	IS: 4758	97.4	71.1	26.3
2.	CPCB Limit in Leq dB(A)	--	--	75.0 (Max.)	25.0 (Min.)





 **GPS Map**  
**Camera Lite**

QW38+762, Islamnagar Aslamnagar, Haryana 134102, India

Latitude

30.7536925°

Local 11:30:54 am

GMT 06:00:54 am

Longitude

76.9155989°

Altitude 433 meters

Tuesday, 25.03.2025





 **GPS Map**  
**Camera Lite**

40, Panchkula, Islamnagar Aslamnagar, Haryana 134105, India

Latitude

30.755148333333334°

Longitude

76.91711833333333°

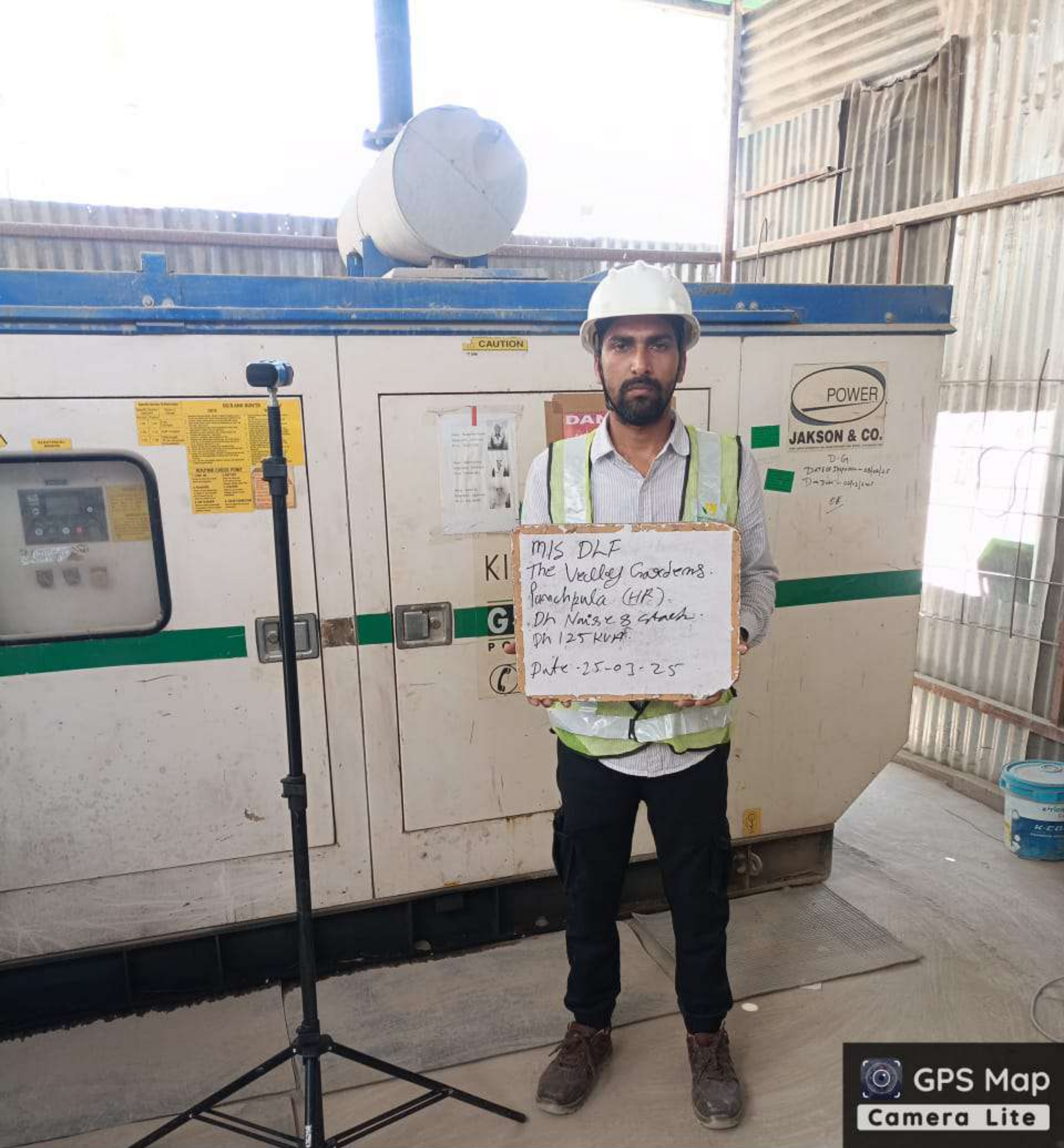
Local 11:48:45 am

GMT 06:18:45 am

Altitude 438 meters

Tuesday, 25.03.2025





 **GPS Map**  
**Camera Lite**

100, Panchkula, Islamnagar Aslamnagar, Haryana 134105, India

Latitude

30.75397666666667°

Longitude

76.91619°

Local 11:57:20 am

GMT 06:27:20 am

Altitude 432 meters

Tuesday, 25.03.2025





M/S DLF  
The Valley Gardens  
Panchpura (HR)  
Soil Sample  
Loc. Potajals Kute  
Date - 25.07.25





# THE VALLEY GARDENS

PANCHKULA



GPS Map  
Camera Lite

2F/A1-02, Panchkula, Islamnagar Aslamnagar, Haryana 134105,  
India

Latitude

30.754501666666667°

Longitude

76.91587666666666°

Local 11:22:55 am

GMT 05:52:55 am

Altitude 436 meters

Tuesday, 25.03.2025

ENVIRONMENTAL  
CLEARANCE

**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 HOMES PANCHKULA PRIVATE LIMITED

DLF Gateway Tower, 2nd Floor, R-Block, DLF City Phase-III, Gurugram-  
122002 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/77517/2022 dated 09 Jul 2022. The particulars of the environmental clearance granted to the project are as below.

- |  |  |
|--|--|
| 1. EC Identification No.                   | <b>EC22B039HR139137</b>  |
| 2. File No.                                | SEIAA/HR/2022/194  |
| 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 Residential Plotted Colony" over an land area measuring 34.0104 acres in the revenue estate of Village-Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex, District Panchkula , Haryana is being developed by M/s DLF Homes Panchkula Pvt. Ltd. |
| 7. Name of Company/Organization            | DLF HOMES PANCHKULA PRIVATE LIMITED  |
| 8. Location of Project                     | Haryana  |
| 9. TOR Date                                | 06 Jun 2022  |

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

Date: 19/09/2022

(e-signed)  
**Pardeep Kumar, IAS**  
**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.*

*This is a computer generated cover page.*

PARIVESH

*(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)*





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

**Tel: 0172-2565232, 4043956**

**E-mail Id: [seiaa-21.env@hry.gov.in](mailto:seiaa-21.env@hry.gov.in)**

**Subject: EC for Project “Proposed Residential Plotted Colony” over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana by M/s DLF Homes Panchkula Private Limited.**

This has reference to your Proposal No. SIA/HR/MIS/77517/2022 on 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.069544 dated 09.12.2021 in compliance of Haryana Government, Environment & Climate Change Notification No. DE&CCH/3060 dated 14<sup>th</sup> 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 22.08.2022 and 06.09.2022 awarded “Gold” rating / grading to the Project.

**2.** It is inter-alia, noted that the project involves in Proposed Residential Plotted Colony” over land measuring 34.229 acres in the Revenue Estate of Village Bhagwanpur, Sector 3, Pinjore Kalka Urban Complex, District Panchkula, Haryana.

**3.** The details of project are as under:

Sr. No.	Particulars	
1.	Online Proposal Number	SIA/HR/MIS/77517/2022
2.	Latitude	30°45'11.54"N
3.	Longitude	76°55'1.93"E
4.	Plot Area	1,38,519.8 m <sup>2</sup> / 34.229 Acres
5.	Net Plot Area	1,06,509.8 m <sup>2</sup> / 26.31 Acres
6.	Proposed Ground Coverage	46,600 m <sup>2</sup>
7.	Proposed FAR	1,57,644 m <sup>2</sup>
8.	Non FAR Area	1,15,161 m <sup>2</sup>
9.	Total Built Up area	2,72,805 m <sup>2</sup>
10.	Total Green Area with %	11,269 m <sup>2</sup> (25% of Balance plot area=total site area – (area under plots + area under sector road)
11.	Rain Water Harvesting Pits (with size)	For General Plots of 418.22 m <sup>2</sup> area- 107 RWH Pits (L=3.0M x B=1.8M x D=1.52M) For General Plots of 225 m <sup>2</sup> area- 56 RWH Pits (L=2.0M x B=1.5M x D=1.47M)  For Balance area of 26.328 m <sup>2</sup> (including EWS Plots, commercial area & Community area) - 11 RWH pits (Dia-4.2 m and depth -4 m) Total RWH 174
12.	STP Capacity	600 KLD
13.	Total Parking	Within the plots

14.	Organic Waste Converter	Total 3 nos. of OWC of capacity 1,650 Kg/day (1×1,250 Kg/day+1× 250Kg/day + 1 x 150 Kg/day)	
15.	Maximum Height of the Building (m)	15.65	
16.	Power Requirement	4,675 KW.	
17.	Power Backup	1 nos. DG sets of total capacity of 4000 KVA i.e. (1×4,000 KVA)	
18.	Water Requirement	597 KLD	
19.	Domestic Water Requirement	344 KLD	
20.	Fresh Water Requirement	344 KLD	
21.	Treated Water	253 KLD	
22.	Waste Water Generated	501 KLD	
23.	Solid Waste Generated	2,284 Kg/day	
24.	Biodegradable Waste	1,370 Kg/day	
25.	Basement	1 basement per plot	
26.	Number of Towers	NA	
27.	Dwelling Units/ EWS	General Plots-163 nos EWS Plots-42 nos	
28.	Community Center area	810 m2	
29.	Commercial area	5,544 m2	
30.	Aganwadi cum Crenche	NA	
31.	Stories	B+S+4 floor	
32.	R+U Value of Material used (Glass)	U Value: 5.5 w/sqm k SHGC: 0.9	
33.	Total Cost of the project:	i) Land Cost ii) Construction Cost	Total Cost of Project: 806 Cr.
34.	EMP Budget		
35.	Incremental Load in respect of:	i) PM 2.5	0.0683
ii) PM 10		0.12417	
iii) SO <sub>2</sub>		1.514	
iv) NO <sub>2</sub>		1.01822	
v) CO		0.000037	
36.	Construction Phase:	i) Power Back-up	Temporary electrical connection of 19 KW & 01 DG of 125 KVA
		ii) Water Requirement & Source	Fresh water – 10 KLD for drinking & sanitation. Treated wastewater 30 KLD for construction Source: Fresh water – HSVP Construction Water – HSVP
		iii) STP (Modular)	1 Nos of 5 KLD
		iv) Anti-Smoke Gun	01 Nos of Anti-smoke gun

**EMP Budget Table**

During Construction Phase				During Operation Phase			
Description	Capital Cost	Recurring Cost		Description	Capital Cost	Recurring Cost	
	(In Lakhs)	(In Lakhs for 3 Year)	Per Annum		(in Lakhs)	(In Lakhs for 10 Year)	Per Annum
Sanitation and Wastewater Management	2	3	1	Solid Waste Management	35	60	6
Mobile Toilet	2.00	6.00	2	(Dust bins & OWC)			

Disinfection / pest control	2.00	6.00	3.00				
Dust Mitigation Measures water sprinkling	10	15	5	Green Belt Development	100.00	170	20.00
Traffic management	3	1.5	.5	Monitoring for Air, Water, Noise & Soil	0.00	7.00	1.00
Waste Management	4	6	2				
PPE for workers & welfare	4	9	3	Rainwater harvesting system	80	72	8.00
Medical cum First Aid facility	1.00	3	1	DG Sets including stack height and acoustics	70	80	10
wheel washing	2.00	4.5	1.5	Sewerage Treatment plant	100	120	15.00
Barricading of site	180	4.5	1.5	Horticulture works	650	500	50
Anti-Smog gun with complete assembly	4	6	2				
Monitoring / testing (air, noise, water, soil, stack emission, STP effluent, DG noise)	2	3	1				
Horticulture works	2	3	1				
<b>Total</b>	<b>218</b>	<b>70.5</b>	<b>24.50</b>	<b>Total</b>	<b>1035</b>	<b>1009</b>	<b>110</b>

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 **145<sup>th</sup> meeting held on 8<sup>th</sup> – 9<sup>th</sup> September 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. That the project proponent shall maintain 25% green area of total plot area as submitted in the proposal of the said project.
2. That the project proponent will install 650 KLD STP for the proposed project.
3. 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
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 EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. 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 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.



7. 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.
8. 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.
9. 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 05 kms radius of the site in different scenarios of space and time
10. 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 11,269 m<sup>2</sup> (25% of Balance plot area=total site area – (area under plots + area under sector road) shall be provided for Green Area development for whole project, excluding plot areas.
11. 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.
12. 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.
13. 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.
14. The PP shall obtain the Fire NOC from the Competent Authority before taking the occupation of the building.
15. 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 SO<sub>2</sub> load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency
16. The PP shall enhance solar power capacity upto 3% total power demand.
17. PP has submitted an undertaking that they have applied for Wildlife Clearance from the standing Committee of National Board for Wildlife (NBWL) for the project. PP further enclosed acknowledgement to the effect that proposal (No. FP/HR/Others/6266/2022 dated 04.04.2022) seeking prior approval of Central Government under the Forest (Conservation) Act 1980 has been uploaded on the portal of MoEF&CC for necessary permission/approval for Eco Sensitive Zone of National Wildlife Sanctuary. There are three nearby WLS namely, Bir Shikargah WLS, Khol Hai Raitan WLS and Sukhna WLS.
18. The PP shall not give occupation or possession before the water supply and sewage connection permitted by the competent authority.
19. The PP shall not give occupation or possession before the electricity connection permitted by the competent Authority.
20. 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.
21. The PP shall carry out the quarterly awareness programs for the stakeholders of the project.
22. 174 Rain water harvesting recharge pits shall be provided for ground water recharging as per the CGWB norms
23. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits

24. The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
25. The PP may provide electric charging stations to facilitate electric vehicle commuters.
26. 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.
27. The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
28. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
29. The PP shall get agreement with individual plot holder to plant one tree in each plot.

**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 non-forest 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**

1. 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 lowsulphur 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,

- murram 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.

## **V 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.

## **VI 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.

## **VII 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.

### **VIII 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.

### **IX 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.

### **X 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 MoEFCC/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.

**(Pardeep Kumar, IAS)**  
**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

**(Pardeep Kumar, IAS)**  
**Member Secretary,**  
**State Level Environment Impact**  
**Assessment Authority, Haryana, Panchkula**



# HARYANA STATE POLLUTION CONTROL BOARD



**HSPCB** SCO 116, Ist & IInd Floor, Sector 25, Panchkula Ph.

**0172-2566286 Email:- hspcbropkl@gmail.com**

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

*Telephone No.: 0172-2577870-73*

No. HSPCB/Consent/ : 329962322PANCTE28675208

Dated:03/11/2022

To.

**M/s : DLF Homes Panchkula Private Limited**

**Village Bhagwanpur, Sector 3, Pinjore, Kalka, UrbanComplex, Panchkula.**

**PANCHKULA**

**134107**

## Sub. : Grant of consent to Establish to M/s DLF Homes Panchkula Private Limited

Please refer to your application no. 28675208 received on dated 2022-09-21 in regional office Panchkula.

With reference to your above application for consent to establish, M/s DLF Homes Panchkula Private Limited is hereby granted consent as per following specification/Terms and conditions.

<b>Consent Under</b>	AIR/WATER
<b>Period of consent</b>	03/11/2022 - 02/11/2029
<b>Industry Type</b>	Building and Construction projects having waste water generation more than 100 KLD in respective of their built-up area
<b>Category</b>	RED
<b>Investment(In Lakh)</b>	80600.0
<b>Total Land Area (Sq. meter)</b>	138520.0
<b>Total Builtup Area (Sq. meter)</b>	272805.0
<b>Quantity of effluent</b>	
1. Trade	0.0 KL/Day
2. Domestic	253.0 KL/Day
<b>Number of outlets</b>	1.0
<b>Mode of discharge</b>	
1. Domestic	STP
2. Trade	
<b>Permissible Domestic Effluent Parameters</b>	
1. pH	5.5 9.0
2. BOD	10 mg/l
3. COD	50 mg/l
4. TSS	20 mg/l
5. Total Nitrozen	10 mg/l

6. Total Phosphorus	1 mg/l
7. Faecal Coliform	100 less than 100
<b>Permissible Trade Effluent Parameters</b>	
1. NA	
Number of stacks	1
<b>Height of stack</b>	
1. As per norms	
<b>Permissible Emission parameters</b>	
1. As per emission Rules	
<b>Capacity of boiler</b>	
1. NA	0
<b>Type of Furnace</b>	
1. NA	0 NA
<b>Type of Fuel</b>	
1. Diesel	0.406 KL/day

**Regional Officer, Panchkula**

*Haryana State Pollution Control Board.*

## **Terms and conditions**

1. The industry has declared that the quantity of effluent shall be 253 KL/Day i.e 0KL/Day for Trade Effluent, 0 KL/Day for Cooling, 253 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 :**

1. That the unit shall obtain consent to operate before commissioning of the project.
2. That the unit will abide by the directions of CPCB/HSPCB/any other competent authority time to time.
3. That the unit will abide the directions/ orders of Hon'ble Supreme court /High Court/NGT/any other court.
4. The unit shall not discharge its treated effluent outside the premises.
5. The unit shall use treated domestic effluent only from STP's for development work in 34.229 Acre project.
6. Unit shall renew its license from town & country planning department as it is going to be expire on 10.03.2027 & 01.07.2027. The unit will not do any construction work of their project till the renewal of license from Town & Country Planning Department and the CTE so granted will become null & void if such units fail to renew their license for their project from Town & Country Planning Department.
7. The unit shall comply with all the general/specific conditions of EC.
8. The unit shall re-use its treated effluent for horticulture / flushing purpose only.
9. Unit shall obtain permission from HWRA for extraction of ground water through bore well.
10. Unit shall obtain necessary permission from any other departments, if applicable in future which are not applicable on the project at present scenario as per units undertaking.
11. The validity of CTE is upto 02.11.2029.

*Regional Officer, Panchkula*

*Haryana State Pollution Control Board.*

**HARYANA STATE**







# भारत का राजपत्र The Gazette of India

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EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)  
PART II—Section 3—Sub-section (ii)

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पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 11 नवम्बर, 2024

का.आ. 4874 (अ).— भारत के राजपत्र में, असाधारण में, संख्यांक का.आ. 1523(अ), तारीख 22 मार्च, 2024, द्वारा प्रारूप अधिसूचना प्रकाशित की गई थी, जिसमें ऐसे सभी व्यक्तियों से, जिनकी उससे प्रभावित होने की संभावना थी, उस तारीख से, जिसको उक्त अधिसूचना को अन्तर्विष्ट करने वाली राजपत्र की प्रतियां जनता को उपलब्ध करा दी गई थीं, साठ दिन की अवधि के भीतर आक्षेप और सुझाव आमंत्रित किए गए थे;

और, उक्त प्रारूप अधिसूचना अंतर्विष्ट करने वाली राजपत्र की प्रतियां जनता को तारीख 22 मार्च, 2024 को उपलब्ध करा दी गई थी;

और, उक्त प्रारूप अधिसूचना की बाबत व्यक्तियों से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया था;

और, सुखना वन्यजीव अभयारण्य, संघ राज्य क्षेत्र चंडीगढ़ के प्रशासनिक नियंत्रण में आता है और पंजाब और हरियाणा के साथ सीमा साझा करता है। यह अभयारण्य शिवालिक तलहटी में स्थित है जो पारिस्थितिकी रूप से संवेदनशील और भौगोलिक रूप से अस्थिर है। सुखना वन्यजीव अभयारण्य का कुल क्षेत्रफल 25.9849 वर्ग किमी (6420.99 एकड़) है। देशांतर और अक्षांश के अनुसार से यह (बाएँ - 76.810241पू, दाएँ - 76.888207 पू, ऊपर - 30.809699 उ, नीचे - 30.742053 उ) के बीच स्थित है।

और, सुखना वन्यजीव अभयारण्य में विभिन्न प्रकार की स्थलाकृतिक विशेषताएं और वनस्पतियों और जीवों की समृद्ध विविधता मौजूद है तथा इसके पारिस्थितिक, जीव-जंतु, पुष्प, भू-आकृति विज्ञान, प्राकृतिक और भूवैज्ञानिक महत्व के कारण, वन्यजीवों और उनके आवास की रक्षा, प्रसार और विकास के प्रयोजन से, यह क्षेत्र चंडीगढ़ प्रशासन की अधिसूचना संख्यांक 694, एचआईआई (4)-98/4519 तारीख 6 मार्च 1998 के द्वारा वन्यजीव अभयारण्य घोषित किया गया था;

और, 2010 के दौरान भारतीय वन्यजीव संस्थान, देहरादून के मार्गदर्शन में की गई वन्यजीव गणना के अनुसार, वन्यजीव (संरक्षण) अधिनियम 1972 की अनुसूची- I के अधीन सूचीबद्ध कई प्रजातियों के सुखना वन्यजीव अभयारण्य में पाये जाने की बात कही गई है। इनमें प्रमुख प्रजातियाँ हैं:- तेंदुआ (पेंथेरा पार्डस), सांभर (रुसा यूनिकलर), भारतीय साल (मैनिस् क्रैसिकाउडाटा), गोल्डन जैकल (कैनिस् ऑरियस), इंडियन पीफॉवल (पावो क्रिस्टेटस), किंग कोबरा (ओफियोफैगस हन्ना), अजगर/इंडियन रॉक पायथन (पायथन मोलुरस) और मॉनिटर लिजार्ड (वरनस बेंगालेंसिस)। सुखना वन्यजीव अभयारण्य में मौजूद वन्यजीव (संरक्षण) अधिनियम, 1972 के अधीन सूचीबद्ध अनुसूची- II प्रजातियों में रेड जंगल फाउल (गैलस गैलस), रसेल वाइपर (दबोइया रसेली) और ग्रे लंगूर (सेमोपिथेकस एंटेल्स) सम्मिलित हैं;

और, इस अभयारण्य में विभिन्न प्रकार की तितलियां और पतंगे भी पाये जाते हैं। इस अभयारण्य में दीमक एंथिल भी पाये जाते हैं जो माइक्रोटर्मिस और ओडोन्टोटर्मिस जैसे दीमकों को आश्रय देते हैं, जो कार्बनिक पदार्थों के अपघटन के लिए आवश्यक जीव हैं। क्षेत्र में मौजूद खाद्य कवक में पफ बॉल्स (लाइकोपर्डन पुसिलम) और टर्मिटोमाइसेस भी हैं;

और, जैव-विविधता समृद्धि की दृष्टि से, यह जन्तुओं की कई प्रजातियों का आवास है जिसमें संकटग्रस्त भारतीय पेंगोलिन और नाजुक सामान्य तेन्दुए आते हैं। हालाँकि, इस क्षेत्र में कोई भी प्रजाति गंभीर रूप से लुप्तप्राय या स्थानिक नहीं है, फिर भी संरक्षित क्षेत्र में मौजूद अवशेष जैव विविधता के लिए क्षेत्र का संरक्षण और सुरक्षा करना आवश्यक है;

और, अभयारण्य में पेड़ों, झाड़ियों, पर्वतारोहियों और जड़ी-बूटियों की कई प्रजातियाँ हैं, इसके अलावा थैलोफाइट्स, ब्रायोफाइट्स, टेरिडोफाइट्स और लाइकेन की अच्छी संख्या है। प्रमुख वृक्ष प्रजातियाँ हैं; खैर (अकाकिया कैटेचु), आंवला (एम्ब्लिका ऑफिसिनालिस), बहेड़ा (टर्मिनलिया बेलिरिका), सेन (टर्मिनलिया अल्ता), कचनार (बौहिनिया वेरिएगाटा), फुलाई (अकाकिया मोडेस्टा), कीकर (अकासियानिलॉटिका), रोंझ (वचेलिया ल्यूकोफ्लोआ), शीशम (डाल्बर्गियासिसू), छाल (एनोजीसस लैटिफोलिया), नीम (अज़ादिराचटेन्डिका), सेमल (बॉम्बैक्सइबा), ढाक (ब्यूटेमोनोस्पर्मा), कचनार (बौहिनिया वेरिएगाटा), शहतूत (मोरस अल्बा), पेपर शहतूत (ब्रोसोनेटिया पपीरीफेरा), झिंगन (लैनिया कोरोमंडेलिका), तेंदू (डायस्पायरो समोंटाना), कड़ी पत्ता (मुरैया कोएनिगी), मेस्काइट (प्रोसोपिसजुलिफ्लोरा), अमलतास (कैसिया फिस्टुला), बेर/ भारतीय बेर (ज़िज़िफस जुजुबे)। प्रमुख झाड़ियाँ हैं- अडूसा/कॉमन कफ क्योर (जस्टिसिया एडहाटोडा), करौंदा (कैरिसा कैरेंडस), कैथ (पाइरस पाशिया) और सम्हालु (वितेक्सनेगुंडो), आदि। मल्लान/ऊंट पैर पर्वतारोही (फेनेरा बाहली) अभयारण्य का प्रमुख पर्वतारोही है;

और, इस क्षेत्र में पाई जाने वाली मुख्य जीव-जंतु प्रजातियाँ सामान्य तेंदुआ (पेंथेरा पार्डस), सांभर (रुसा यूनिकलर), मुंजक (मुंटियाकस मुंटजैक), भारतीय साल (मैनिस् क्रैसिकाउडाटा), बनैला सूअर (सस स्क्रोफा), सियार (कैनिस् ऑरियस इंडिकस), छोटा भारतीय सिवेट (विवेरिकुला इंडिका), जंगली बिल्ली (फेलिस चाउस), इंडियन क्रेस्टेड साही (हिस्ट्रिक्स इंडिका), हनुमान लंगूर (सेमनोपिथेकस एंटेल्स), रीसस मकाक (मकाका मुलत्ता), भारतीय खरगोश (लेपस निग्रिकोलिस), सामान्य नेवला (उरवा एडवर्ड्स), पांच धारीदार गिलहरी (फनाम्बुलस पेनाटी) आदि हैं;

और, यहाँ जलीय पक्षियों सहित पक्षियों की 250 से अधिक प्रजातियाँ हैं। उनमें से प्रमुख हैं: कॉमन क्रो (कोरवस स्प्लेंडेन्स), इंडियन स्पैरो (पासर डोमेस्टिकस), बी ईटर (मेरोप्स ओरिएंटलिस), पर्पल सनबर्ड (सिनारिस एशियाटिकस) इंडियन पीफॉवल (पावो क्रिकाटाटस), रेड जंगल फाउल, ग्रे पार्टिज (ऑर्टीगोर्निस पांडिसरियनस), कोयल, इंडियन नाइट जार (कैप्रिमुलगस एशियाटिकस), यूरेशियन गोल्डन ओरिओल (ओरियोल्स ओरिओल्स), व्हाइट-थ्रोटेड किंगफिशर (हेल्सीओन स्मिरनेंसिस), पाइड किंगफिशर (सेरिल रुडिस), इंडियन स्विफ्ट (एरोड्रामस यूनिकलर), कॉमन हूपो (उपुपा एपाप्स), हॉर्नबिल्ल्स, कॉपरस्मिथ बारबेट (मेगालिमा हेमासेफला), ब्राउन हेडेड बारबेट (मेगालिमा ज़ेलेनिका), ब्लैक रम्पड फ्लेमबैक वुडपेकर (डिनोपियम बेंगालेंसिस), इंडियन रोलर (कोरासियास बेंगालेंसिस), बार्न आउल (टायटो अल्बा), रोज़ रिंगड पैराकिट (सिटकुला क्रमेरी), प्लम हेडेड पैराकिट (हिमालयैप्सिटा सायनोसेफला) एलेक्जेंड्राइन पैराकिट (सिटकुला यूपेट्रिया) रिंग नेकड डव (स्ट्रेप्टोपेलिया कैपिकोला), चित्तीदार कबूतर (स्पिलोपेलिया चिनेंसिस), ब्रॉज-विंगड जैकाना (मेटोपिडियस

इंडिकस), तीतर-पूँछ वाला जैकाना (*हाइड्रोफैसियनस चिरुर्गस*), रेड-वॉटल्ड लैपविंग (*वेनेलस इंडिकस*), यूरेशियन कूट (*फुलिका अत्रा*), शिकरा (*एक्सीपीटर बैडियस*), गीज़, हंस, बत्तख आदि;

और, इस अभयारण्य में पायी जाने वाली अन्य महत्वपूर्ण सरीसृप प्रजातियों में किंग कोबरा (*ओफियोफैगस हन्ना*), रैट स्लेक (*पाइटस म्यूकोसा*), कॉमन क्रेट (*बंगारस कैर्युलस*), रसेल वाइपर (*दबोइया रसेली*), इंडियन पायथन और कॉमन मॉनितर छिपकली, आदि सम्मिलित हैं। इसमें विभिन्न प्रकार की तितलियां भी पाई जाती हैं प्लेन टाइगर (*डैनास क्रिसिपस*), स्ट्रिप्ड टाइगर (*डैनास जेनुटिया*), कॉमन सार्जेंट (*एथिमा पेरियस*), कॉमन जेजेबेल (*डेलियास यूचेरिस*), पीकॉक पैसी (*जूनोनिया अल्माना*), लेमन बटरफ्लाई (*पैपिलियो डेमोलियस*), ब्लू टाइगर (*तिरुमाला लिमियास*), कॉमन तेंदुआ तितली (*फालांटा फालन्था*) और क्रो बटरफ्लाई (*यूप्लोइया कोर*) तो इस क्षेत्र में बहुत ही आम हैं। मधु मक्खियों (*एपिडे*) में इंडियन रॉक बी (*एपिस डोरसाटा*), इंडियन बी (*एपिस सेराना इंडिका*), इटालियन बी (*एपिस मेलिफेरा*) और लिटिल बी (*एपिस फ्लोरिया*) पायी जाती हैं;

और, सुखना वन्यजीव अभयारण्य के संरक्षित क्षेत्र के आसपास इस अधिसूचना के पैरा 1 में विनिर्दिष्ट क्षेत्र के विस्तार और सीमा को पारिस्थितिक और पर्यावरणीय दृष्टिकोण से पारिस्थितिकी संवेदी जोन के रूप में संरक्षित और सुरक्षित करना और उद्योगों को प्रतिसिद्ध करना आवश्यक है या उक्त पारिस्थितिकी संवेदी जोन में उद्योगों की श्रेणी और उनके प्रचालन और उनकी प्रक्रियाओं को भी प्रतिसिद्ध करना आवश्यक है;

और, हरियाणा सरकार ने अपने पत्र संख्यांक 682, दिनांक 16 फरवरी, 2024 के माध्यम से यह विनिर्दिष्ट रूप से कहा है कि हरियाणा की ओर के सुखना झील अभयारण्य के आसपास पारिस्थितिकी संवेदी जोन की घोषणा के लिए यह पंजाब और हरियाणा उच्च न्यायालय के तारीख 02 मार्च, 2020 के उस आदेश के अनुरूप है जो उसने रिट याचिका (सी) सं. 18253/2009 और 5809/2015 : न्यायालय का स्वयं का प्रस्ताव बनाम चण्डीगढ़ प्रशासन और अन्य सम्बद्ध विषय में दिया है।

और, हरियाणा सरकार ने अपने पत्र संख्यांक 682, तारीख 16 फरवरी, 2024 के द्वारा विनिर्दिष्ट रूप से कहा है कि निकटवर्ती राज्य पंजाब और संघ राज्य क्षेत्र, चंडीगढ़ को हरियाणा राज्य द्वारा सुखना वन्यजीव अभयारण्य (हरियाणा की ओर) के आसपास पारिस्थितिकी संवेदी जोन निर्धारित करने पर कोई आपत्ति नहीं है।

अतः अब, केन्द्रीय सरकार, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उपनियम (3) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) (जिसे एतश्मिन् पश्चात् पर्यावरण अधिनियम कहा गया है) की धारा 3 की उपधारा (1) और उपधारा (2) के खंड (v) और खंड (xiv) और उपधारा (3) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, हरियाणा राज्य के सुखना वन्यजीव अभयारण्य की सीमा के चारों ओर 1.0 किलोमीटर से 2.035 किलोमीटर तक विस्तृत क्षेत्र को सुखना वन्यजीव अभयारण्य पारिस्थितिकी संवेदी जोन (जिसे इसमें इसके पश्चात् पारिस्थितिकी संवेदी जोन कहा गया है) के रूप में अधिसूचित करती है, जिसका ब्यौरा, पर्यावरण की गुणवत्ता में सुधार तथा सुरक्षा, और पर्यावरण प्रदूषण के निवारण, नियंत्रण और उसके उपशमन के प्रयोजन के लिए पैरा 1 में विनिर्दिष्ट है, तथा निम्नलिखित उपाय किए गए हैं, अर्थात् :-

#### 1. पारिस्थितिकी संवेदी जोन का विस्तार और सीमा.-

(1) पारिस्थितिकी संवेदी जोन (ईएसजेड) साधारण तौर पर हरियाणा की ओर सुखना वन्यजीव अभयारण्य की सीमा से 1 किलो मीटर तक फैला हुआ है। उत्तरी भाग में यह आरक्षित वन में 2.0 किमी तक और विस्तारित हुआ है। पूर्वी भाग पर, पारिस्थितिकी संवेदी जोन सीमा लगभग 1.0 किलो मीटर है, जो आरक्षित वन की सीमा के साथ-साथ जाती है। हालाँकि, इसे आरक्षित वन की सीमा के साथ सह- विस्तारी बनाने के लिए दक्षिण-पूर्वी भाग का विस्तार किया गया है और इस पारिस्थितिकी संवेदी जोन का कुल क्षेत्रफल 24.60 वर्ग किलोमीटर है।

(2) प्रस्तावित पारिस्थितिकी संवेदी जोन के अंतर्गत दस गांव अर्थात् प्रेमपुरा, सोखोमाजरी, दामला, लोहगढ़, मानकपुर ठाकरदास, सूरजपुर, चंडीमंदिर कोटला, दर्गा खरौनी, रामपुर और सकेतरी और महादेवपुर आते हैं। प्रस्तावित कुल क्षेत्रफल 6078.98 एकड़ (2460.07 हेक्टेयर) होगा और प्रस्तावित पारिस्थितिकी संवेदी जोन में अन्य बातों के साथ-साथ निम्नलिखित क्षेत्र शामिल होंगे.-

i) हरियाणा शहरी विकास प्राधिकरण (एचएसवीपी) के अधीन आने वाले सेक्टर 1, सेक्टर 2 का कुछ भाग और जिमखाना क्लब सहित सेक्टर 3।

- ii) कुछ ट्यूबवेल चैंबर, पैरा ग्लाइडिंग उद्यान और सेक्टर-1 एमडीसी के अधीन आने वाला क्षेत्र।
  - iii) चंडीमंदिर छावनी के अधीन आने वाला क्षेत्र (सैन्य स्टेशन चंडीमंदिर की छोटे आयुधों की फायरिंग रेंज, केंद्रीय मृदा और जल संरक्षण अनुसंधान फार्म सहित क्षेत्र)।
  - iv) नगर निगम (एमसी), पंचकुला के अधीन आने वाले क्षेत्र का भाग।
  - v) प्रस्तावित पारिस्थितिकी संवेदी जोन में आने वाले दस गांवों में से दो गांव-सकेतरी और प्रेमपुरा सुखना वन्यजीव अभयारण्य की सीमा से 700 मीटर के दायरे के भीतर आते हैं। जबकि सकेतरी गांव के घर सुखना वन्यजीव अभयारण्य की सीमा पर स्थित हैं, प्रेमपुरा गांव की बस्ती सुखना वन्यजीव अभयारण्य की सीमा से 300 मीटर से 700 मीटर की दूरी पर है।
- (3) पारिस्थितिकी संवेदी जोन का सीमा विवरण **उपाबंध I** में संलग्न है।
- (4) पारिस्थितिकी संवेदी जोन का मानचित्र **उपाबंध II** में दिया संलग्न है।
- (5) सुखना वन्यजीव अभयारण्य (सारणी क) और इसके पारिस्थितिकी संवेदी जोन (सारणी ख) के अक्षांश और देशांतर को **उपाबंध III** के रूप में संलग्न है।
- (6) प्रमुख बिंदुओं के निर्देशांक के साथ पारिस्थितिकी संवेदी जोन के अंतर्गत आने वाले ग्रामों की सूची **उपाबंध IV** के रूप में संलग्न है।

## 2. पारिस्थितिकी संवेदी जोन की आंचलिक महायोजना. -

- (1) राज्य सरकार, पारिस्थितिकी संवेदी जोन के प्रयोजनों के लिए इस अधिसूचना में दिए गए उपबंधों के अनुसरण में राजपत्र में इस अधिसूचना के प्रकाशन की तारीख से दो वर्ष की अवधि के भीतर, स्थानीय व्यक्तियों के परामर्श से और में आंचलिक महायोजना तैयार और अधिसूचित करेगी।
- (2) राज्य सरकार आंचलिक महायोजना में सक्षम प्राधिकारी द्वारा अनुमोदित की जाएगी।
- (3) राज्य सरकार द्वारा पारिस्थितिकी संवेदी जोन के लिए आंचलिक महायोजना को इस अधिसूचना में विनिर्दिष्ट ऐसी रीति में तथा तत्समय प्रवृत्त विधि के लिए सुसंगत विधियों तथा केन्द्रीय सरकार द्वारा जारी मार्गदर्शक सिद्धांतों के अनुरूप यदि कोई हों, तैयार किया जायेगा।
- (4) आंचलिक महायोजना को उक्त योजना में पारिस्थितिकी तथा पर्यावरण विचारों को समाहित करने के लिए, राज्य सरकार निम्नलिखित विभागों के साथ परामर्श तैयार किया जाएगा, अर्थात्:-

- (i) पर्यावरण;
- (ii) वन;
- (iii) शहरी विकास;
- (iv) पर्यटन;
- (v) नगरपालिका;
- (vi) राजस्व;
- (vii) कृषि और
- (viii) हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड

(5) जब तक इस अधिसूचना में ऐसा विनिर्दिष्ट न हो, आंचलिक महायोजना में तब तक विद्यमान भू-उपयोग, अवसंरचना और क्रियाकलापों पर कोई निर्बंधन तब तक नहीं अधिरोपित किया जाएगा तथा आंचलिक महायोजना की सभी अवसंरचनाओं और उसके क्रियाकलापों में सुधार करके उन्हें अधिक दक्ष और पारिस्थितिकी-अनुकूल बनाने की व्यवस्था की जाएगी।

(6) आंचलिक महायोजना में, वनरहित क्षेत्रों के सुधार, विद्यमान जल निकायों के संरक्षण, आवाह क्षेत्रों के प्रबंधन, जल-संभरों के प्रबंधन, भू-जल के प्रबंधन, मृदा और नमी के संरक्षण, स्थानीय जनता की आवश्यकताओं तथा पारिस्थितिकी और पर्यावरण के ऐसे अन्य पहलुओं की, जिन पर ध्यान दिया जाना आवश्यक है, का उपबंध किया जाएगा।

(7) आंचलिक महायोजना में सभी विद्यमान पूजा स्थलों, ग्रामों और शहरी बस्तियों, वनों की श्रेणियों और किस्मों, कृषि क्षेत्रों, उपजाऊ भूमि, उद्यानों और उद्यानों की तरह के हरित क्षेत्रों, बागवानी क्षेत्रों, बगीचों, झीलों और अन्य जल निकायों की सीमा का, सहायक मानचित्रों के साथ जिनमें विद्यमान तथा प्रस्तावित भू-उपयोग विशेषताओं का ब्यैरा हो, निर्धारण किया जाएगा।

(8) आंचलिक महायोजना में स्थानीय जनता की आजीविका की सुरक्षा के लिए पारिस्थितिकी-अनुकूल विकास सुनिश्चित करने के लिए पारिस्थितिकी संवेदी जोन में होने वाले विकास का विनियमन किया जाएगा।

**3. राज्य सरकार द्वारा किए जाने वाले उपाय:-** राज्य सरकार इस अधिसूचना के उपबंधों को प्रभावी बनाने के लिए निम्नलिखित उपाय करेगी, अर्थात्:-

(1) **भू-उपयोग—** पारिस्थितिकी संवेदी जोन में वनों, बागवानी क्षेत्रों, कृषि क्षेत्रों, मनोरंजन के लिए अभिजात उद्यानों और खुले स्थानों का वृहद वाणिज्यिक या औद्योगिक संबंधित विकास क्रियाकलापों के लिए प्रयोग या इसके संपरिवर्तन की अनुमति नहीं होगी:

परंतु कि पारिस्थितिकी संवेदी जोन के भीतर, इस खंड में विनिर्दिष्ट प्रयोजन से भिन्न किसी प्रयोजन के लिए कृषि और अन्य भूमि के संपरिवर्तन को मॉनीटरी समिति की सिफारिश पर और क्षेत्रीय नगर योजना अधिनियम तथा यथा लागू केन्द्रीय सरकार या राज्य सरकार के अन्य नियमों और विनियमों के अधीन तथा इस अधिसूचना के उपबंधों के अनुसार सक्षम प्राधिकारी के पूर्व अनुमोदन से स्थानीय निवासियों की निम्नलिखित आवासीय जरूरतों को पूरा करने के लिए अनुमति दी जा सकेगी, जैसे कि:-

- (i) विद्यमान सड़कों को चौड़ा करना, उन्हें सुदृढ़ करना और नई सड़कों का निर्माण करना;
- (ii) बुनियादी ढांचों और नागरिक सुविधाओं का सन्निर्माण और नवीकरण;
- (iii) प्रदूषण उत्पन्न न करने वाले लघु उद्योग;
- (iv) कुटीर उद्योग सहित ग्राम उद्योग; पारिस्थितिकी पर्यटन में सहायक सुविधा भण्डार, और स्थानीय सुविधाएं तथा गृह वास; और
- (v) पैरा-4 में अधीन संबंधित क्रियाकलाप:

परंतु यह भी कि राज्य सरकार के पूर्व अनुमोदन के बिना और भारत के संविधान के अनुच्छेद 244 के उपबंधों तथा तत्समय प्रवृत्त विधि, जिसके अंतर्गत अनुसूचित जनजाति और अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 (2007 का 2) भी आता है, का अनुपालन किए बिना वाणिज्यिक और औद्योगिक विकास क्रियाकलापों के लिए जनजातीय भूमि के प्रयोग की अनुमति नहीं होगी।

परंतु यह भी कि पारिस्थितिकी संवेदी जोन के अंतर्गत आने वाली भूमि के अभिलेखों में हुई किसी त्रुटि को, मॉनीटरी समिति के विचार प्राप्त करने के पश्चात्, राज्य सरकार द्वारा प्रत्येक मामले में एक बार सुधारा जा सकेगा और उक्त त्रुटि को सुधारे जाने की सूचना केन्द्रीय सरकार के पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय को दी जाएगी:

परंतु यह भी कि त्रुटि को सुधारने में, इस उप-पैरा में अधीन यथा उपबंधित के सिवाय, किसी भी दशा में भू-उपयोग का परिवर्तन शामिल नहीं होगा।

परंतु यह भी कि हरित क्षेत्र, जैसे वन क्षेत्र और कृषि क्षेत्र में कोई परिणामिक कमी नहीं आने दी जायेगी।

(ख) अनुप्रयुक्त या अनुत्पादक कृषि क्षेत्रों में वनीकरण तथा पर्यावासों की बहाली के क्रियाकलापों से पुनः वनीकरण किए जाने के प्रयास किए जाएंगे।

(2) **प्राकृतिक जल स्रोत:-** आंचलिक महायोजना में सभी प्राकृतिक जलमार्गों के आवाह क्षेत्रों की पहचान की जाएगी और उनके संरक्षण और बहाली की योजना सम्मिलित की जाएगी और राज्य सरकार द्वारा मार्गदर्शक सिद्धांत इस रीति से बनाए जाएंगे कि इस क्षेत्र में या इसके नजदीक उन विकास क्रियाकलापों पर प्रतिषिद्ध किया जायेगा जो इस क्षेत्र के लिए घातक हों।

(3) **पर्यटन या पारिस्थितिकी-पर्यटन. —** (क) पारिस्थितिकी संवेदी जोन के भीतर पर्यटन से संबंधित विद्यमान क्रियाकलापों का विस्तार या सभी नये पारिस्थितिकी-पर्यटन क्रियाकलाप; पारिस्थितिकी संवेदी जोन के लिए पर्यटन महायोजना के अनुसार होंगे।

(ख) पारिस्थितिकी-पर्यटन महायोजना, राज्य सरकार के पर्यावरण और वन विभाग के परामर्श से पर्यटन विभाग द्वारा बनायी जाएगी।

(ग) पर्यटन महायोजना, आंचलिक महायोजना के एक घटक के रूप में होगी।

(घ) पर्यटन महायोजना, पारिस्थितिकी संवेदी जोन की वहन क्षमता के अध्ययन के आधार पर तैयार की जाएगी।

(ड.) पारिस्थितिकी-पर्यटन संबंधी क्रियाकलाप निम्नानुसार विनियमित किए जाएंगे, अर्थात्:-

- (ii) पारिस्थितिकी संवेदी जोन के भीतर सभी नए पर्यटन क्रियाकलापों या विद्यमान पर्यटन क्रियाकलापों का विस्तार, केन्द्रीय सरकार द्वारा जारी पारिस्थितिकी पर्यटन मार्गदर्शक सिद्धांतों तथा पारिस्थितिकी पर्यटन, पारिस्थितिकी-शिक्षा और पारिस्थितिकी-विकास पर बल देने वाले राष्ट्रीय व्याघ्र संरक्षण प्राधिकरण (समय-समय पर यथा संशोधित) द्वारा जारी पारिस्थितिकी-पर्यटन संबंधी मार्गदर्शक सिद्धांतों के अनुसार होगा;
- (iii) संरक्षित क्षेत्र की सीमा से एक किलोमीटर के भीतर या पारिस्थितिकी संवेदी जोन की सीमा तक, जो भी निकट हो, होटल और रिसॉर्ट के नए निर्माण की अनुमति नहीं दी जाएगी; परंतु कि संरक्षित क्षेत्र की सीमा से एक किलोमीटर की दूरी से परे पारिस्थितिकी संवेदी जोन की सीमा तक, आंचलिक महायोजना के अनुसार नए होटलों और रिसॉर्ट्स की स्थापना केवल पारिस्थितिकी-पर्यटन सुविधाओं के लिए पूर्व-परिभाषित और अभिहित क्षेत्रों में ही अनुज्ञात की जाएगी;
- (iv) जब तक इस आंचलिक महायोजना के अनुमोदन नहीं मिल जाता है तब तक सम्बन्धित विनियामक प्राधिकारी पर्यटन के विकास और विद्यमान पर्यटन क्रियाकलापों के विस्तार के लिए कोई भी अनुमति मानीटरी समिति के द्वारा वास्तविक स्थल विनिर्दिष्ट की संवीक्षा और उसकी सिफारिशों के आधार पर ही देंगे।

(4) **प्राकृतिक विरासत.**— पारिस्थितिकी संवेदी जोन के अंतर्गत आने वाले बहुमूल्य प्राकृतिक विरासत के सभी स्थलों जैसे कि जीन पूल रिज़र्व क्षेत्र, शैल संरचना, जल प्रपात, झरने, दर्रे, उपवन, गुफाएं, स्थल, वनपथ, रोहण मार्ग, उत्प्रपात आदि का पता लगाया जायेगा और उनकी सुरक्षा और संरक्षण, के लिए आंचलिक महायोजना के भाग के रूप में, एक विरासत संरक्षण योजना बनायी जाएगी।

(5) **मानव निर्मित विरासत स्थल.**— पारिस्थितिकी संवेदी जोन में भवनों, संरचनाओं, कलाकृति-क्षेत्रों तथा ऐतिहासिक, स्थापत्य संबंधी, सौंदर्यात्मक और सांस्कृतिक महत्व के क्षेत्रों की पहचान की जाएगी और उनके संरक्षण के लिए आंचलिक महायोजना के भाग के रूप में एक विरासत संरक्षण योजना बनायी जाएगी।

(6) **ध्वनि प्रदूषण.**— ध्वनि प्रदूषण (विनियमन और नियंत्रण) नियम 2000 के अनुसरण में पारिस्थितिकी संवेदी जोन में ध्वनि प्रदूषण की रोकथाम और नियंत्रण किया जाएगा।

(7) **वायु प्रदूषण.**— पारिस्थितिकी संवेदी जोन में वायु प्रदूषण का निवारण और नियंत्रण वायु (प्रदूषण निवारण और नियंत्रण) अधिनियम, 1981 (1981 का 14) और पर्यावरण अधिनियम, और उसके अधीन बनाए गए नियमों के उपबंधों के अनुसार किया जाएगा।

(8) **बहिस्त्राव का निस्सारण.**— पारिस्थितिकी संवेदी जोन में उपचारित बहिस्त्राव का निस्सारण जल (प्रदूषण निवारण तथा नियंत्रण) अधिनियम, 1974 (1974 का 6) और पर्यावरण अधिनियम और उसके अधीन बनाए गए नियमों के उपबंधों के अनुसार होगा।

(9) **ठोस अपशिष्ट.**— ठोस अपशिष्ट का निपटान और प्रबन्धन निम्नानुसार किया जाएगा:-

(क) पारिस्थितिकी संवेदी जोन में ठोस अपशिष्ट का निपटान और प्रबन्धन ठोस अपशिष्ट प्रबंधन नियम, 2016, अनुसार किया जाएगा, अकार्बनिक सामग्री का निपटान पर्यावरणीय रीति में पारिस्थितिकी संवेदी जोन से बाहर अभिज्ञात स्थल पर किया जाएगा।

(ख) पारिस्थितिकी संवेदी जोन में मान्य अभिज्ञात प्रौद्योगिकियों का प्रयोग करते हुए विद्यमान नियमों और विनियमों के अनुरूप ठोस अपशिष्ट का सुरक्षित और पर्यावरण अनुकूल प्रबंधन (ईएसएम) अनुज्ञात किया जायेगा।

(10) **जैव चिकित्सा अपशिष्ट.**— जैव चिकित्सा अपशिष्ट का प्रबंधन निम्नानुसार किया जाएगा:-

(क) पारिस्थितिकी संवेदी जोन में जैव चिकित्सा अपशिष्ट का निपटान जैव चिकित्सा अपशिष्ट प्रबंधन नियम, 2016 के उपबंधों के अनुसार किया जाएगा।

(ख) पारिस्थितिकी संवेदी जोन में अभिज्ञात प्रौद्योगिकियों का प्रयोग करते हुए विद्यमान नियमों और विनियमों के अनुरूप जैव चिकित्सा अपशिष्ट का सुरक्षित और पर्यावरण अनुकूल प्रबंधन (ईएसएम) अनुज्ञात किया जायेगा।

(11) **प्लास्टिक अपशिष्ट का प्रबंधन.**— पारिस्थितिकी संवेदी जोन में प्लास्टिक अपशिष्ट का प्रबंधन, प्लास्टिक अपशिष्ट प्रबंधन नियम, 2016 के उपबंधों के अनुसार किया जाएगा।



(12) **निर्माण और विध्वंस अपशिष्ट का प्रबंधन.-** पारिस्थितिकी संवेदी जोन में निर्माण और विध्वंस अपशिष्ट का प्रबंधन, संनिर्माण और विध्वंस अपशिष्ट प्रबंधन नियम, 2016 के उपबंधों के अनुसार किया जाएगा।

(13) **ई-अपशिष्ट.-** पारिस्थितिकी संवेदी जोन में ई-अपशिष्ट का प्रबंधन, ई-अपशिष्ट प्रबंधन नियम, 2016 के उपबंधों के अनुसार किया जाएगा।

(14) **सड़क-यातायात.-** सड़क-यातायात को पर्यावास-अनुकूल तरीके से विनियमित किया जाएगा और इस संबंध में आंचलिक महायोजना में विनिर्दिष्ट उपबंध शामिल किए जाएंगे। आंचलिक महायोजना के तैयार होने और राज्य सरकार के सक्षम प्राधिकारी से अनुमोदित होने तक, मॉनीटरी समिति सुसंगत अधिनियमों और उनके अधीन बनाए गए नियमों और विनियमों के अनुसार सड़क-यातायात के अनुपालन की मॉनीटरी करेगी।

(15) **वाहन जनित प्रदूषण- वाहन जनित प्रदूषण की रोकथाम और नियंत्रण, लागू विधियों के अनुसार किया जाएगा।** स्वच्छतर ईंधन के उपयोग के लिए प्रयास किए जाएंगे जैसे- संपीड़ित प्राकृतिक गैस, द्रवित पेट्रोलियम गैस आदि।

(16) **औद्योगिक ईकाइयां -.**

(क) राजपत्र में इस अधिसूचना के प्रकाशन पर या उसके पश्चात् पारिस्थितिकी संवेदी जोन के भीतर कोई नए प्रदूषणकारी उद्योगों की स्थापना की अनुज्ञा नहीं दी जाएगी।

(ख) केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा जारी मार्गदर्शक सिद्धान्तों में उद्योगों के वर्गीकरण के अनुसार, जब तक कि अधिसूचना में इस प्रकार विनिर्दिष्ट न हो, पारिस्थितिकी संवेदी जोन के भीतर केवल गैर-प्रदूषणकारी उद्योगों को अनुज्ञात किया जाएगा। और केवल, गैर प्रदूषणकारी कुटीर उद्योगों को बढ़ावा दिया जाएगा।

(17) **पहाड़ी ढलानों का संरक्षण.-** पहाड़ी ढलानों का संरक्षण निम्नानुसार किया जाएगा:-

(क) आंचलिक महायोजना में पहाड़ी ढलानों के उन क्षेत्रों को दर्शाया जाएगा जिनमें किसी भी निर्माण की अनुज्ञा नहीं होगी;

(ख) जिन ढलानों या विद्यमान खड़ी पहाड़ी ढलानों में अत्यधिक भू-क्षरण होता है उनमें किसी भी निर्माण की अनुज्ञा नहीं होगी।

**4. पारिस्थितिकी संवेदी जोन के भीतर प्रतिषिद्ध या विनियमित किया जाना है उन क्रियाकलापों की सूची-** पारिस्थितिकी संवेदी जोन में सभी क्रियाकलाप, पर्यावरण अधिनियम (संरक्षण), 1986(29 का 1986) के उपबंधों और उसके अधीन बने नियमों, जिसमें पर्यावरणीय प्रभाव आकलन अधिसूचना (ईआईए), शामिल 2006 है, सहित वन अधिनियम (संरक्षण), 1980 (69 का 1980), भारतीय वन अधिनियम, 1927(16 का 1927), वन्यजीव ,अधिनियम (संरक्षण)1972 )1972 का 53) अन्य लागू विधियों के उपबंधों तथा उनमें किए गए संशोधनों के अनुसार शासित होंगे और नीचे दी गई सारणी में विनिर्दिष्ट रीति से विनियमित होंगे, अर्थात्:-

#### सारणी

क्रम सं.	क्रियाकलाप	विवरण
(1)	(2)	(3)
<b>क. प्रतिषिद्ध क्रियाकलाप</b>		
1.	वाणिज्यिक खनन, पत्थर उत्खनन और अपघर्षण इकाइयां।	<p>(क) पारिस्थितिकी संवेदी जोन के अंतर्गत वास्तविक स्थानीय निवासियों की घरेलू आवश्यकताओं जिसमें मकानों के संनिर्माण या मरम्मत के लिए धरती को खोदना सम्मिलित है, के सिवाय सभी प्रकार के नए और विद्यमान खनन (लघु और वृहत खनिज), पत्थर उत्खनन और अपघर्षण इकाइयां तत्काल प्रभाव से प्रतिषिद्ध होंगी;</p> <p>(ख) खनन प्रचालन कार्य टी. एन. गोदावर्मन तिरुमुलपाद बनाम भारत संघ रिट याचिका सं. 202/1995 में गोवा फाउंडेशन बनाम भारत संघ रिट याचिका 435/2012 के मामले में और आईए. सं. 1000/2003 के तारीख 03.06.2022 के निर्णय में और उसके पश्चात् आईए. सं. 131377/2022 के तारीख 26.04.2023 और 28.04.2023 के निर्णय में माननीय उच्चतम न्यायालय के आये आदेशों के अनुसार ही किये जायेंगे।</p>

2.	नई आरा मिलों की स्थापना।	प्रतिषिद्ध।
3.	प्रदूषण (जल, वायु, मृदा, ध्वनि, आदि) उत्पन्न करने वाले उद्योगों की स्थापना।	प्रतिषिद्ध।
4.	किसी परिसंकटमय पदार्थ का प्रयोग या उत्पादन या प्रसंस्करण।	प्रतिषिद्ध।
5.	जलावन लकड़ी का वाणिज्यिक उपयोग।	प्रतिषिद्ध।
6.	प्राकृतिक जल निकायों या भूमि क्षेत्र में अनुपचारित बहिस्त्रावों का निस्सारण।	प्रतिषिद्ध।
7.	भूजल संचयन सहित वाणिज्यिक जल संसाधन।	पारिस्थितिकी संवेदी जोन में भूजल सहित प्राकृतिक जल संसाधनों का व्यावसायिक उपयोग प्रतिषिद्ध होगा और पानी के संदूषण या प्रदूषण को रोकने के लिए सभी कदम उठाए जाएंगे।
8.	नए थर्मल और बड़ी जल विद्युत परियोजनाओं की स्थापना।	प्रतिषिद्ध।
9.	नए लकड़ी-आधारित उद्योग।	पारिस्थितिकी संवेदी जोन की सीमा के भीतर किसी भी नए लकड़ी-आधारित उद्योग की स्थापना की अनुमति नहीं दी जाएगी: परंतु कि विद्यमान लकड़ी-आधारित उद्योग विधि के अनुसार जारी रह सकता है: परंतु यह और कि विद्यमान आरा मिलों की अनुज्ञप्ति का नवीनीकरण उनकी समाप्ति पर नहीं किया जाएगा।
10.	फर्मी, कॉर्पोरेट और कंपनियों द्वारा बड़े पैमाने पर वाणिज्यिक पशुधन और पोल्ट्री फार्म की स्थापना।	लागू कानूनों के अनुसार निषिद्ध (अन्यथा उपबंधित के सिवाय)। परंतु कि स्थानीय किसानों द्वारा अपनी आजीविका के निर्वाह के लिए केवल छोटे पैमाने के पोल्ट्री फार्म ही स्थापित किए जा सकें।
<b>ख. विनियमित क्रियाकलाप</b>		
11.	होटलों और रिसोर्टों की वाणिज्यिक स्थापना।	21.09.2004 में भारतीय सर्वेक्षण द्वारा चित्रित मानचित्र के अनुसार और पंजाब और हरियाणा उच्च न्यायालय के रिट में 02 मार्च, 2020 के आदेश के अनुरूप, सुखना वन्यजीव अभयारण्य के जलग्रहण क्षेत्र में किसी भी नए वाणिज्यिक होटल और रिसोर्ट की अनुमति नहीं दी जाएगी। याचिका (सी) संख्या 18253/2009 और 5809/2015: कोर्ट अपने स्वयं के प्रस्ताव बनाम चंडीगढ़ प्रशासन तथा पुनर्विलोकन याचिका सी एम-14026- सी डब्लू पी -2021 के साथ आर ए -सी डब्लू -259 -2020, आर ए- सी डब्लू -252-2020, आर ए- सी डब्लू -261-2020, आर ए- सी डब्लू -268-2020 तथा आर ए- सी डब्लू 69-2021, सिविल रिट याचिका -18253-2009 जहाँ तक सुखना वन्यजीव अभयारण्य के पारिस्थितिकी संवेदी जोन को लागू हो। परंतु कि, संरक्षित क्षेत्र की सीमा से एक किलोमीटर से परे या पारिस्थितिकी संवेदी जोन की सीमा तक, जो भी निकट हो, सभी नए पर्यटन विकासात्मक क्रियाकलाप या विद्यमान विकासात्मक क्रियाकलापों का विस्तार पर्यटन महायोजना और लागू मार्गदर्शक सिद्धांतों के अनुरूप होगा।
12.	निर्माण क्रियाकलाप।	(क) 21.09.2004 में भारतीय सर्वेक्षण द्वारा चित्रित मानचित्र के अनुसार और पंजाब और हरियाणा उच्च न्यायालय के आदेश तारीख 02 मार्च, 2020 के अनुरूप सुखना वन्यजीव अभयारण्य

		<p>के जलग्रहण क्षेत्र में किसी भी प्रकार के नए निर्माण की अनुमति नहीं दी जाएगी। हरियाणा रिट याचिका (सी) संख्या 18253 वर्ष 2009 और 5809 वर्ष 2015 में: न्यायालय अपने स्वयं के प्रस्ताव बनाम चंडीगढ़ प्रशासन तथा पुनर्विलोकन याचिका सी एम-14026- सी डब्लू पी -2021 के साथ आर ए -सी डब्लू -259 -2020, आर ए- सी डब्लू -252-2020, आर ए- सी डब्लू -261-2020, आर ए- सी डब्लू -268-2020 तथा आर ए- सी डब्लू 69-2021, सिविल रिट याचिका -18253-2009 जहाँ तक सुखना वन्यजीव अभयारण्य के पारिस्थितिकी संवेदी जोन को लागू हो।</p> <p>परंतु कि स्थानीय निवासियों को स्थानीय निवासियों की आवासीय जरूरतों को पूरा करने के लिए भवन उपनियमों के अनुसार वास्तविक आवासीय उपयोग के लिए अपनी भूमि पर निर्माण करने की अनुमति दी जाएगी।</p> <p>(ख) प्रदूषण न फैलाने वाले लघु उद्योगों से संबंधित निर्माण क्रियाकलाप को लागू नियमों और विनियमों, यदि कोई हो, के अनुसार सक्षम प्राधिकारी की पूर्व अनुमति से विनियमित किया जाएगा।</p> <p>(ग) एक किलोमीटर से परे इसे आंचलिक महायोजना के अनुसार विनियमित किया जाएगा।</p>
13.	विद्युत और संचार टॉवर लगाने।	हरियाणा राज्य सरकार द्वारा विनियमित होगा; भूमिगत केबल बिछाने को बढ़ावा दिया जाएगा
14.	वृक्षों की कटाई।	<p>(क) पारिस्थितिकी संवेदी जोन क्षेत्र के भीतर प्रधान मुख्य वन संरक्षक (वन बल प्रमुख) या तत्समय प्रवृत्त विधि के अधीन प्राधिकारी जिसे शक्तियां प्रत्यायोजित की गई है की पूर्व अनुमति के बिना वन भूमि या सरकारी या राजस्व या निजी भूमि पर वृक्षों की कटाई नहीं होगी।</p> <p>(ख) वृक्षों की कटाई सुसंगत विधियों या उसके अधीन बनाए गए नियमों के उपबंधों के अनुसार विनियमित होगी।</p>
15.	विद्यमान सड़कों को चौड़ा करना, उन्हें सुदृढ़ बनाना और नई सड़कों का निर्माण।	पारिस्थितिकी संवेदी जोन में नई सड़कों का निर्माण और विद्यमान सड़कों को चौड़ा करना या सुदृढ़ करना लागू नियमों और विनियमों, यदि कोई हो, के अनुसार विनियमित होगा।
16.	उच्च-तनाव पारेषण लाइनों का निर्माण।	लागू विधियों के अनुसार विनियमित होगा; भूमिगत केबल बिछाने को बढ़ावा दिया जाएगा।
17.	विदेशी प्रजातियों को लाना।	पारिस्थितिकी संवेदी जोन में विदेशी प्रजातियों को लाना लागू विधियों के अनुसार विनियमित होगा।
18.	होटल और लॉज के परिसर की बाड़ लगाना।	पारिस्थितिकी संवेदी जोन में होटल और लॉज के परिसरों की बाड़ लगाना लागू विधियों के अनुसार विनियमित होगा।
19.	वायु (ध्वनि सहित) और वाहन प्रदूषण।	लागू विधियों के अनुसार विनियमित होगा।
20.	वाणिज्यिक संकेत बोर्ड और होर्डिंग का प्रयोग।	लागू विधियों के अनुसार विनियमित होगा।
21.	पारिस्थितिकी-अनुकूल पर्यटन क्रियाकलाप के लिए पर्यटकों के	लागू विधियों के अनुसार विनियमित होगा।

	अस्थायी कब्जे के लिए पर्यावरण-अनुकूल कॉटेज जैसे टेंट, लकड़ी के घर आदि।	
22.	प्राकृतिक जल निकायों या भू क्षेत्र में उपचारित बहिर्वाह का निस्सारण।	उपचारित अपशिष्टों के पुनर्चक्रण को प्रोत्साहित किया जाएगा और कीचड़ या ठोस कचरे के निपटान के लिए लागू नियमों का पालन किया जाएगा।
23.	प्रदूषण रहित लघु उद्योग।	केंद्रीय प्रदूषण नियंत्रण बोर्ड द्वारा जारी उद्योगों के वर्गीकरण के अनुसार गैर-प्रदूषणकारी उद्योग, समय-समय पर संशोधित और गैर-परिसंकटमय, लघु-स्तरीय और सेवा उद्योग, कृषि, फूलों की खेती, बागवानी या कृषि-आधारित उद्योग जो पारिस्थितिकी-संवेदी जोन से स्वदेशी सामग्री से उत्पादों का उत्पादन करते हैं। की अनुमति सक्षम प्राधिकारी द्वारा दी जाएगी।
24.	पर्यटन से संबंधित क्रियाकलाप जैसे कि राष्ट्रीय उद्यान क्षेत्र के ऊपर से हवाई जहाज, गर्म हवा के गुब्बारे से उड़ान भरना।	लागू विधियों के अनुसार विनियमित होगा।
25.	ठोस अपशिष्ट प्रबंधन।	लागू विधियों के अनुसार विनियमित होगा।
26.	प्लास्टिक कैरी बैग का उपयोग।	लागू विधियों (अन्यथा उपबंधित के सिवाय) के अनुसार विनियमित होगा।
27.	पारिस्थितिकी-पर्यटन क्रियाकलाप।	लागू विधियों के अनुसार विनियमित होगा।
<b>ग.संवर्धित क्रियाकलाप</b>		
28.	डेयरी, डेयरी फार्मिंग और मत्स्य पालन के साथ-साथ स्थानीय समुदायों द्वारा की जा रही कृषि और बागवानी प्रथाएं।	पारिस्थितिकी कृषि और बागवानी की अनुमति दी जाएगी।
29.	वर्षा जल संचय।	सक्रिय रूप से बढ़ावा दिया जाएगा।
30.	नवीकरणीय ऊर्जा और ईंधन का प्रयोग।	सक्रिय रूप से बढ़ावा दिया जाएगा, परंतु उपयोग की गई सामग्री पक्षियों और जानवरों को परेशान करने वाली रोशनी उत्पन्न और प्रतिबिंबित न करे।
31.	सभी क्रियाकलापों के लिए हरित प्रौद्योगिकी का अंगीकरण।	अनुमत होगा।
32.	कार्बनिक खेती।	विधि के अधीन यथा अनुमत होगा।
33.	वनस्पति बाड़ लगाना।	विधि के अधीन यथा अनुमत होगा।
34.	ग्रामीण कारीगरों आदि सहित कुटीर उद्योग।	ग्रामीण कारीगरों सहित गैर-प्रदूषणकारी कुटीर उद्योगों को अनुमति दी जाएगी।
35.	कृषि वानिकी।	अनुमत होगा।
36.	पर्यावरण के प्रति जागरूकता।	सक्रिय रूप से बढ़ावा दिया जाएगा।
37.	कौशल विकास।	अनुमत होगा।

##### 5. पारिस्थितिकी संवेदी जोन अधिसूचना की मॉनीटरी के लिए मॉनीटरी समिति.-

केंद्रीय सरकार, पारिस्थितिकी संवेदी जोन में क्रियाकलापों की प्रभावी मॉनीटरी के लिए एक मॉनीटरी समिति का गठन करती है, जो निम्नलिखित से मिलकर बनेगी, अर्थात्:-

1.	उपायुक्त, जिला पंचकुला	अध्यक्ष, पदेन;
2.	उप मुख्य वन्यजीव वार्डन, पंचकुला/मंडल वन्यजीव अधिकारी	सदस्य, पदेन;
3.	ग्रामीण विकास एवं पंचायत विभाग, हरियाणा के प्रतिनिधि	सदस्य, पदेन;
4.	जिला नगर योजनाकार, पंचकुला	सदस्य, पदेन;
5.	एच.एस.वी.पी. हरियाणा के प्रतिनिधि।	सदस्य, पदेन;
6.	भारत सरकार के पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के प्रतिनिधि	सदस्य, पदेन;
7.	एम.सी. पंचकुला के प्रतिनिधि	सदस्य, पदेन;
8.	क्षेत्रीय अधिकारी, हरियाणा प्रदूषण नियंत्रण बोर्ड	सदस्य, पदेन;
9.	वन्यजीव संरक्षण के क्षेत्र में काम करने वाले गैर-सरकारी संगठन का एक प्रतिनिधि, जिसे हरियाणा सरकार द्वारा समय-समय पर तीन वर्ष की अनधिक के लिए नामनिर्दिष्ट किया जाता है।	सदस्य;
10.	हरियाणा सरकार द्वारा समय-समय पर तीन वर्ष से अनधिक अवधि के लिए नामनिर्दिष्ट जैव विविधता में एक विशेषज्ञ	शासकीय सदस्य;
11.	जैव विविधता विशेषज्ञ जो हरियाणा सरकार द्वारा समय-समय पर तीन वर्ष से अनधिक अवधि के लिए नामित किया जाए।	शासकीय सदस्य;
12.	आवास विकास के प्रतिनिधि, हरियाणा	सदस्य, पदेन;
13.	कृषि विकास के प्रतिनिधि, हरियाणा	सदस्य, पदेन;
14.	जिला कलेक्टर का प्रतिनिधि, यू.टी	सदस्य, पदेन;
15.	राज्य जैव विविधता बोर्ड के प्रतिनिधि, हरियाणा	सदस्य, पदेन;
16.	प्रभागीय वन अधिकारी (राज्य क्षेत्रीय) मोरनी-पिंजौर, हरियाणा	सदस्य सचिव, पदेन;

**6. मॉनीटरी समिति के कार्य:-** (1) मॉनीटरी समिति इस अधिसूचना के उपबंधों के अनुपालन की मॉनीटरी करेगी।

(2) मॉनीटरी समिति का कार्यकाल अगले आदेशों तक होगा, परन्तु यह भी कि समिति के गैर-सरकारी सदस्यों को हरियाणा सरकार द्वारा हर तीन साल में समय-समय पर नामित किया जाएगा।

(3) मॉनीटरी समिति, वास्तविक स्थल विनिर्दिष्ट परिस्थितियों के आधार पर उन क्रियाकलापों की संवीक्षा करेगी जो कि भारत सरकार, के तत्कालीन पर्यावरण और वन मंत्रालय, की अधिसूचना संख्या का.आ. 1553 (अ), तारीख 14 सितंबर, 2006, की अनुसूची के अंतर्गत आते हों और जो उसके पैरा 4 के अधीन सारणी में विनिर्दिष्ट प्रतिषिद्ध क्रियाकलापों के सिवाय पारिस्थितिकी संवेदी जोन में आते हों, और उक्त अधिसूचना के उपबंधों के अधीन पूर्व पर्यावरणीय अनुमति के लिए केन्द्रीय सरकार के यथास्थिति, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय या राज्य पर्यावरण समाघात निर्धारण निर्दिष्ट किया जाएगा।

(4) अधिसूचना की अनुसूची में आने वाले क्रियाकलाप और, उसके पैरा 4 के अधीन सारणी में विनिर्दिष्ट प्रतिसिद्ध क्रियाकलापों के सिवाय, पारिस्थितिकी संवेदी जोन में आने वाले क्रियाकलापों की मॉनीटरी समिति द्वारा वास्तविक स्थल विनिर्दिष्ट परिस्थितियों के आधार पर संवीक्षा की जाएगी और सम्बद्ध विनियामक प्राधिकरणों को निर्दिष्ट की जाएगी।

(5) मॉनीटरी समिति के सदस्य सचिव या-सम्बद्ध कलेक्टर या सम्बद्ध उप वन संरक्षक पर्यावरण अधिनियम की धारा 19 के अधीन इस अधिसूचना के उपबंधों का उल्लंघन करने वाले किसी भी व्यक्ति के विरुद्ध शिकायत दर्ज करने के लिए सक्षम होंगे।

(6) मामले दर मामले की अपेक्षा के आधार पर मॉनीटरी समिति सम्बद्ध विभागों के प्रतिनिधियों या विशेषज्ञों, उद्योग संगमों के प्रतिनिधियों या सम्बद्ध पणधारियों को अपने विचार-विमर्श में सहायता के लिए आमंत्रित कर सकती है।

- (7) मॉनीटरी समिति इस अधिसूचना में संलग्न **उपाबंध-V** में विनिर्दिष्ट प्ररूप में प्रत्येक वर्ष 31 मार्च तक के अपने क्रियाकलापों की वार्षिक कार्यवाही रिपोर्ट उस वर्ष के 30 जून तक राज्य के मुख्य वन्यजीव संरक्षक को प्रस्तुत करेगी।
- (8) केन्द्रीय सरकार का पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय मॉनीटरी समिति को उसके कृत्यों के प्रभावी निर्वहन के लिए ऐसे निदेश दे सकेगी जो वह उचित समझे।
7. **अतिरिक्त उपाय:-** इस अधिसूचना के उपबंधों को प्रभावी बनाने के लिए केन्द्रीय सरकार और राज्य सरकार अतिरिक्त उपाय, यदि कोई हों, भी विनिर्दिष्ट कर सकेंगी।
8. **उच्चतम न्यायालय, आदि के आदेश:-** इस अधिसूचना के उपबंध भारत के माननीय उच्चतम न्यायालय या उच्च न्यायालय या राष्ट्रीय हरित अधिकरण द्वारा पारित या पारित किए जाने वाले आदेश, यदि कोई हो, के अध्वधीन होंगे।

[फा.सं. 25/35/2018-ईएसजेड]

डॉ. सु. केरकेट्टा, वैज्ञानिक-‘जी’

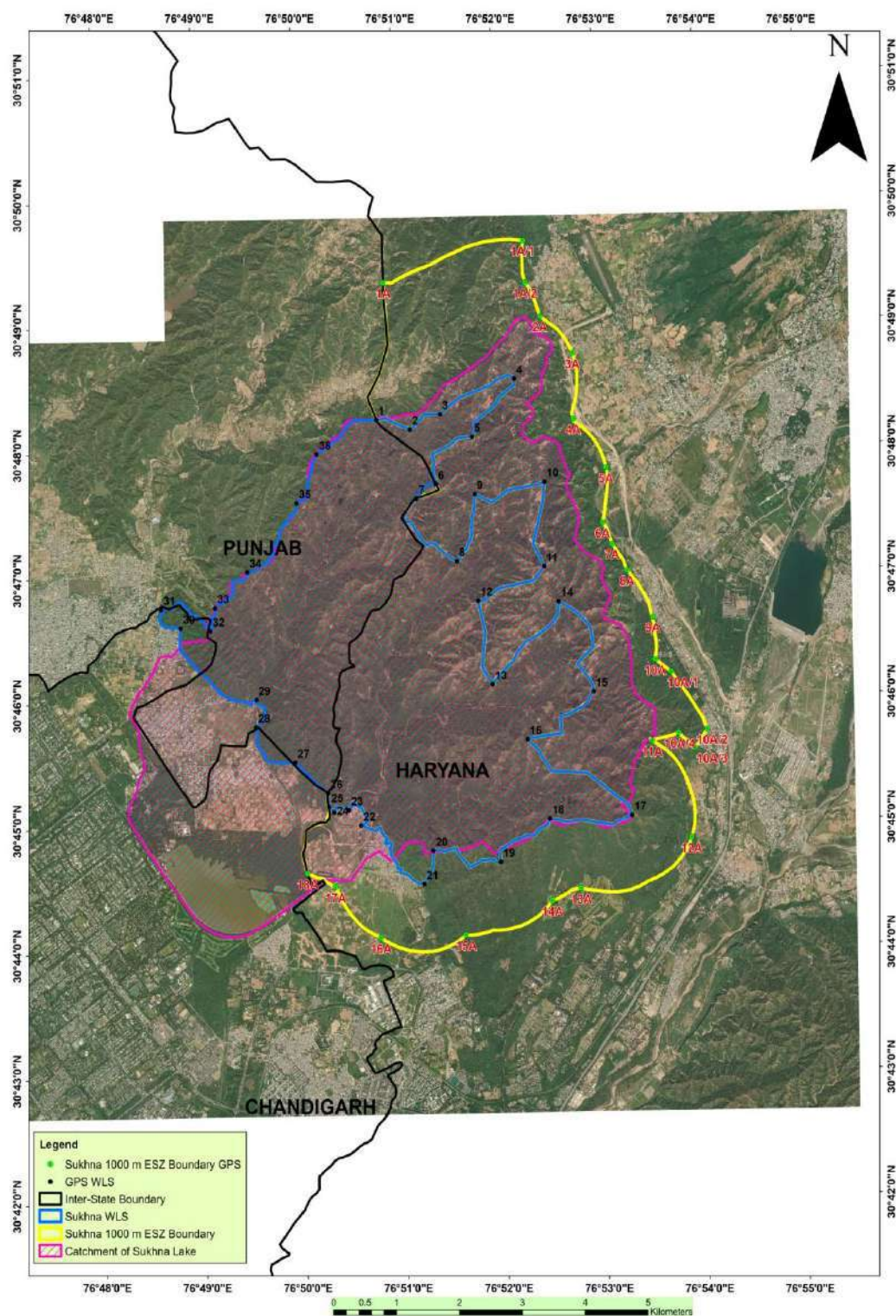
**उपाबंध- I****सुखना वन्यजीव अभयारण्य के पारिस्थितिकी संवेदी जोन की सीमा का विवरण**

बिंदु 1ए से 1ए/1	सुखना वन्यजीव अभयारण्य (एसडब्ल्यूएस) के उत्तरी भाग पर पारिस्थितिकी संवेदी जोन सीमा सुखना वन्यजीव अभयारण्य की सीमा से 2 किमी तक फैली हुई है और पूर्वी हिस्से की ओर जाती है। इस क्षेत्र में रिजर्व वन आते हैं। प्रेमपुरा गांव की बस्ती सुखना वन्यजीव अभयारण्य की उत्तरी सीमा के ऊपर स्थित है और यह प्रस्तावित पारिस्थितिकी संवेदी जोन सीमा के दायरे में आती है।
बिंदु 1ए/1 से 2ए	पारिस्थितिकी संवेदी जोन सीमा दक्षिण की ओर 2ए तक जाती है और रिजर्व वन के साथ-साथ समाप्त होती है।
बिंदु 2ए से 6ए	सुखना वन्यजीव अभयारण्य की उत्तर-पूर्वी सीमा हरियाणा की ओर है। पारिस्थितिकी संवेदी जोन सीमा आरएफ की सीमा से शुरू होकर और सुखोमाजरा, धमाला, लोहगढ़ और मानकपुर ठाकरदास गांवों की राजस्व भूमि से होकर गुजरती है। पारिस्थितिकी संवेदी जोन सीमा आरएफ की सीमा पर समाप्त होती है। प्रस्तावित सीमा झाझरा नदी से होकर गुजरती है।
बिंदु 6ए से 8ए	सुखना वन्यजीव अभयारण्य की सीमा पूर्वी भाग हरियाणा की ओर और पारिस्थितिकी संवेदी जोन सीमा आरएफ की सीमा के साथ दक्षिण की ओर 8ए तक जाती है।
बिंदु 8ए से 10ए	सुखना वन्यजीव अभयारण्य की सीमा का पूर्वी भाग हरियाणा की ओर और पारिस्थितिकी संवेदी जोन सीमा रिजर्व वन की सीमा से शुरू होती है और रेलवे ट्रैक और गांव सूरजपुर के बस्ती क्षेत्र से होकर गुजरती है। इसका समापन सूरजपुर गांव में आरएफ की सीमा पर होता है।
बिंदु 10ए से 11ए (10ए/1, 10ए/2, 10ए/3, 10ए/4)	सुखना वन्यजीव अभयारण्य की सीमा का पूर्वी भाग हरियाणा की ओर और पारिस्थितिकी संवेदी जोन सीमा रामपुर पीएफ की सीमा के साथ जाती है और नेपाली आरएफ की सीमा पर समाप्त होती है।
बिंदु 11ए से 14ए	सुखना वन्यजीव अभयारण्य की सीमा का दक्षिण पूर्वी भाग हरियाणा की ओर है। पारिस्थितिकी संवेदी जोन सीमा नेपाली आरएफ क्षेत्र से शुरू होती है और चंडीमंदिर, कोटला और दर्गा खरौनी गांवों की राजस्व भूमि से होकर गुजरती है।
बिंदु 14ए से 15ए	सुखना वन्यजीव अभयारण्य की सीमा दक्षिणी भाग हरियाणा की ओर है। पारिस्थितिकी संवेदी जोन सीमा दर्गा खरौनी की राजस्व भूमि से शुरू होती है और केंद्रीय मृदा और जल संरक्षण अनुसंधान फार्म, पंचकुला के अंतर्गत क्षेत्र से होकर गुजरती है।



बिंदु 15ए से 16ए	सुखना वन्यजीव अभयारण्य की सीमा का दक्षिणी भाग हरियाणा की ओर है। पारिस्थितिकी संवेदी जोन सीमा केंद्रीय मृदा और जल संरक्षण अनुसंधान फार्म, पंचकुला के अंतर्गत आने वाले क्षेत्र से शुरू होती है और एचएसवीपी के अंतर्गत आने वाले क्षेत्र से होकर गुजरती है।
बिंदु 16ए से 18 ए	सुखना वन्यजीव अभयारण्य की सीमा पारिस्थितिकी संवेदी जोन दक्षिणी भाग हरियाणा की ओर है। पारिस्थितिकी संवेदी जोन सीमा एचएसवीपी क्षेत्र से शुरू होती है और अंतरराज्यीय सीमा पर समाप्त होती है।

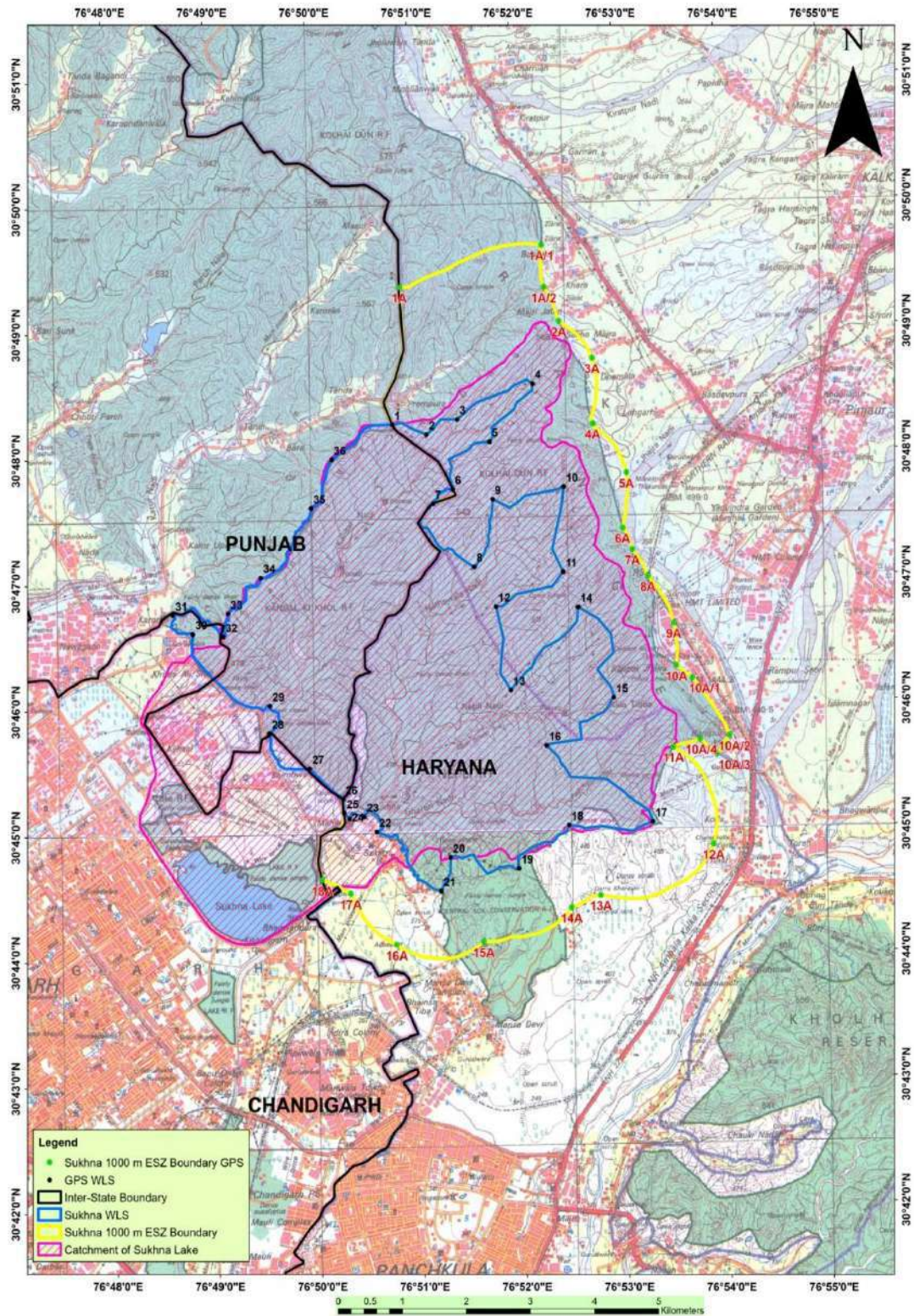
## उपाबंध- II





### सुखना वन्यजीव अभयारण्य, हरियाणा का स्थान मानचित्र (गूगल अर्थ)

सुखना वन्यजीव अभयारण्य, हरियाणा के आसपास पारिस्थितिकी संवेदी जोन का स्थान मानचित्र (टोपो शीट)



## सारणी क: सुखना वन्यजीव अभयारण्य सीमा के भू-निर्देशांक (डीएमएस प्रारूप में)

क्र.	हरियाणा की ओर सुखना वन्यजीव अभयारण्य के निर्देशांक	
	अक्षांश	देशांतर
(1)	(2)	(3)
1	30° 48' 14.489" उ,	76° 50' 48.118" पू
2	30° 48' 9.556" उ,	76° 51' 8.197" पू
3	30° 48' 16.577" उ,	76° 51' 26.254" पू
4	30° 48' 33.081" उ,	76° 52' 10.877" पू
5	30° 48' 5.626" उ,	76° 51' 45.077" पू
6	30° 47' 43.209" उ,	76° 51' 23.111" पू
7	30° 47' 36.410" उ,	76° 51' 11.337" पू
8	30° 47' 5.947" उ,	76° 51' 34.995" पू
9	30° 47' 38.053" उ,	76° 51' 46.305" पू
10	30° 47' 43.498" उ,	76° 52' 28.145" पू
11	30° 47' 2.914" उ,	76° 52' 27.175" पू
12	30° 46' 46.820" उ,	76° 51' 47.427" पू
13	30° 46' 6.758" उ,	76° 51' 55.363" पू
14	30° 46' 45.963" उ,	76° 52' 35.541" पू
15	30° 46' 2.483" उ,	76° 52' 55.636" पू
16	30° 45' 40.040" उ,	76° 52' 15.764" पू
17	30° 45' 2.847" उ,	76° 53' 17.545" पू
18	30° 45' 1.878" उ,	76° 52' 28.357" पू
19	30° 44' 41.538" उ,	76° 51' 58.565" पू
20	30° 44' 47.294" उ,	76° 51' 18.401" पू
21	30° 44' 31.391" उ,	76° 51' 12.683" पू
22	30° 45' 0.082" उ,	76° 50' 35.416" पू
23	30° 45' 7.383" उ,	76° 50' 28.231" पू
24	30° 45' 6.564" उ,	76° 50' 19.556" पू
25	30° 45' 9.252" उ,	76° 50' 16.411" पू
26	30° 45' 15.891" उ,	76° 50' 15.946" पू

## सारणी ख: पारिस्थितिकी संवेदी जोन सीमा के भू-निर्देशांक (डीएमएस प्रारूप में)

क्र.	हरियाणा की ओर सुखना वन्यजीव अभयारण्य के प्रस्तावित ईएसजेड के निर्देशांक		
	देशांतर	अक्षांश	सुखना वन्यजीव अभयारण्य की सीमा से दूरी (हरियाणा की ओर)
(1)	(2)	(3)	(4)
1ए	76° 50' 53.415" पू	30° 49' 20.144" उ	2026 मीटर
1ए/1	76° 52' 17.169" पू	30° 49' 39.304" उ	2035 मीटर
1ए/2	76° 52' 18.259" पू	30° 49' 19.125" उ	1421 मीटर
2ए	76° 52' 26.758" पू	30° 49' 2.753" उ	1000 मीटर
3ए	76° 52' 45.952" पू	30° 48' 44.854" उ	1000 मीटर
4ए	76° 52' 45.899" पू	30° 48' 13.469" उ	1000 मीटर
5ए	76° 53' 5.038" पू	30° 47' 49.818" उ	1000 मीटर
6ए	76° 53' 2.459" पू	30° 47' 23.490" उ	1000 मीटर
7ए	76° 53' 7.911" पू	30° 47' 13.111" उ	1260 मीटर
8ए	76° 53' 16.740" पू	30° 47' 0.340" उ	1000 मीटर
9ए	76° 53' 31.572" पू	30° 46' 37.702" उ	1000 मीटर
10ए	76° 53' 32.723" पू	30° 46' 17.305" उ	1000 मीटर
10ए/1	76° 53' 42.032" पू	30° 46' 11.391" उ	1301 मीटर
10ए/2	76° 54' 3.129" पू	30° 45' 43.585" उ	2327 मीटर
10ए/3	76° 53' 55.616" पू	30° 45' 34.673" उ	2129 मीटर
10ए/4	76° 53' 45.934" पू	30° 45' 42.011" उ	1862 मीटर
11ए	76° 53' 30.142" पू	30° 45' 38.376" उ	1000 मीटर
12ए	76° 53' 52.855" पू	30° 44' 51.739" उ	1000 मीटर
13ए	76° 52' 46.294" पू	30° 44' 28.126" उ	1000 मीटर
14ए	76° 52' 28.969" पू	30° 44' 22.391" उ	1000 मीटर
15ए	76° 51' 37.105" पू	30° 44' 6.716" उ	1000 मीटर
16ए	76° 50' 46.226" पू	30° 44' 5.977" उ	1000 मीटर
17ए	76° 50' 19.551" पू	30° 44' 30.679" उ	1000 मीटर
18ए	76° 50' 2.957" पू	30° 44' 37.444" उ	1000 मीटर



## उपाबंध-IV

भू-निर्देशांक सहित पारिस्थितिकी संवेदी जोन के अंतर्गत आने वाले ग्रामों की सूची (डीएमएस प्रारूप में)

क्र. सं.	ग्राम का नाम	देशांतर	अक्षांश
(1)	(2)	(3)	(4)
1.	प्रेमपुरा (तहसील कालका, जिला पंचकुला)	76° 50' 54.917" पू	30° 48' 25.164" उ
2.	सुखोमाजरी (तहसील कालका, जिला पंचकुला)	76° 52' 36.656" पू	30° 48' 51.287" उ
3.	दामला (तहसील कालका एवं जिला पंचकुला)	76° 52' 46.111" पू	30° 48' 32.996" उ
4.	लोहगढ़ (तहसील कालका, जिला पंचकुला)	76° 52' 52.806" पू	30° 48' 3.862" उ
5.	मानकपुर, ठाकरदास (तहसील कालका, जिला पंचकुला)	76° 53' 2.776" पू	30° 47' 45.900" उ
6.	सूरजपुर (तहसील कालका, जिला पंचकुला)	76° 53' 25.241" पू	30° 46' 42.880" उ
7.	रामपुर (तहसील कालका, जिला पंचकुला)	76° 53' 53.841" पू	30° 45' 48.277" उ
8.	चंडीमंदिर कोटला (तहसील कालका, जिला पंचकुला)	76° 53' 44.730" पू	30° 44' 55.689" उ
9.	दारा खानोरी (तहसील कालका, जिला पंचकुला)	76° 52' 43.802" पू	30° 44' 34.904" उ
10.	सकेतडी/महादेवपुर (तहसील, जिला पंचकुला)	76° 50' 37.554" पू	30° 44' 53.046"

## उपाबंध-V

की गई कार्रवाई सम्बन्धी रिपोर्ट का प्रपत्र:- पारिस्थितिकी संवेदी जोन मॉनीटरी समिति

1. बैठकों की संख्या और तारीख ।
2. बैठकों का कार्यवृत्त: कृपया मुख्य उल्लेखनीय बिंदुओं का वर्णन करें। बैठक के कार्यवृत्त को एक पृथक उपाबंध में प्रस्तुत करें।
3. पर्यटन महायोजना सहित आंचलिक महायोजना की तैयारी की प्रास्थिति ।
4. भू-अभिलेखों की स्पष्ट त्रुटियों के सुधार के लिए निपटाए गए मामलों का सार (पारिस्थितिकी संवेदी जोन वार)। विवरण अनुलग्नक के रूप में संलग्न करें।
5. पर्यावरण समाघात निर्धारण अधिसूचना, 2006 के अधीन आने वाले गतिविधियों से संबंधित संवीक्षा किए गए मामलों का सार। विवरण उपाबंध के रूप में संलग्न करें।

6. पर्यावरण समाघात निर्धारण अधिसूचना, 2006 के अधीन न आने वाले क्रियाकलापों से संबंधित संवीक्षा किए गए मामलों का सारा विवरण एक पृथक उपाबंध के रूप में संलग्न करें।
7. पर्यावरण अधिनियम (संरक्षण), 1986 की धारा 19 के अधीन दर्ज की गई शिकायतों का सारा।
8. कोई अन्य महत्वपूर्ण विषय।

## MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

### NOTIFICATION

New Delhi, the 11<sup>th</sup> November, 2024

**S. O. 4874(E).**— WHEREAS, a draft notification was published in the Gazette of India, Extraordinary, vide notification number S.O. 1523(E), dated the 22<sup>nd</sup> March, 2024, inviting objections and suggestions from all persons likely to be affected thereby within the period of sixty days from the date on which copies of the Gazette containing the said notification were made available to the public;

**AND WHEREAS**, copies of the Gazette containing the said draft notification were made available to the public on the 22<sup>nd</sup> March, 2024;

**AND WHEREAS**, objections and suggestions received from persons in response to the said draft notification have been considered by the Central Government;

**AND WHEREAS**, Sukhna Wildlife Sanctuary is under the administrative control of the Union territory of Chandigarh and shares boundary with Punjab and Haryana and located in Shivalik foothills which are ecologically sensitive and geologically unstable. The total area the Sukhna Wildlife Sanctuary of 25.9849 sq. km. (6420.99 acres) situated in between the longitude and latitude (Left - 76.810241 E, Right - 76.888207 E, Top - 30.809699 N, Bottom - 30.742053 N).

**AND WHEREAS**, Sukhna Wildlife Sanctuary has a variety of topographical features and rich diversity of flora and fauna and due to its ecological, faunal, floral, geo-morphological, natural and geological significance, and for the purpose of protecting, propagating and developing wildlife and its habitat, this area was declared as Wildlife Sanctuary vide Chandigarh Administration notification No. 694, HII (4)-98/4519, dated the 6<sup>th</sup> March, 1998;

**AND WHEREAS**, as per wildlife census carried out under the guidance of Wildlife Institute of India, Dehradun during 2010, many species as listed under Schedule-I of the Wildlife (Protection) Act 1972, have been reported in Sukhna Wildlife Sanctuary. The prominent species among them includes common Leopard (*Panthera pardus*), Sambar (*Rusa unicolor*), Indian Pangolin (*Manis crassicaudata*), Golden Jackal (*Canis aureus*), Indian Peafowl (*Pavo cristatus*), King Cobra (*Ophiophagus hannah*), Ajar/ Indian Rock Python (*Python molurus*) and Monitor Lizard (*Varanus bengalensis*). Schedule-II species listed under the Wildlife (Protection) Act, 1972, present in Sukhna Wildlife Sanctuary includes Red Jungle Fowl (*Gallus gallus*), Russell's Viper (*Daboia russelii*) and Grey Langur (*Semnopithecus entellus*);

**AND WHEREAS**, the sanctuary harbours a variety of butterflies and moths. The sanctuary inhabits termite anthills which harbour termites like *Microtermes* and *Odontotermis*- the organisms necessary for the decomposition of organic matter. The edible fungi present in the area include Puff Balls (*Lycoperdon pusillum*) and *Termitomyces*;

**AND WHEREAS**, from biodiversity richness point of view, it is home to a number of faunal species including the endangered Indian Pangolin and vulnerable Common leopard. Although, no critically endangered or endemic species is found in the area, yet it is necessary to conserve and protect the area for the remnant biodiversity present in the Protected Area;

**AND WHEREAS**, there are a number of species of trees, shrubs, climbers and herbs in the sanctuary besides a good representation of Thallophytes, Bryophytes, Pteridophytes and lichens. The prominent tree species are: Khair (*Acacia catechu*), Amla (*Emblica officinalis*), Baheda (*Terminalia bellirica*), Sain (*Terminalia alata*), Kachnar (*Bauhinia variegata*), Phulai (*Acacia modesta*), Kikar (*Acacia nilotica*), Ronjh (*Vachellia leucophloea*), Shisham (*Dalbergiasissoo*), Chhal (*Anogeissus latifolia*), Neem (*Azadirachta indica*), Semal (*Bombaxceiba*), Dhak (*Buteamonosperma*), Kachnar (*Bauhinia variegata*), Mulberry (*Morus alba*), Paper Mulberry (*Brossounetia papyrifera*), Jhingan (*Lannea coromandelica*), Tendu (*Dyospyros montana*), Karhi Patta (*Murraya koenigii*), Mesquite (*Prosopis juliflora*), Amaltas (*Cassia fistula*), Ber/ Indian Jujube (*Ziziphus jujube*). The prominent shrubs are Adusa/Common Cough Cure (*Justicia adhatoda*), Karaunda (*Carissa carandus*), Kainth (*Pyrus pashia*) and Samhalu (*Vitex negundo*) etc. Maljhan/Camel Foot Climber (*Phanera vahlii*) is the prominent climber of the sanctuary;

**AND WHEREAS**, the main faunal species found in the area are Common Leopard (*Panthera pardus*), Sambar (*Rusa unicorn*), Barking Deer (*Muntiacus muntjak*), Indian Pangolin (*Manis crassicaudata*), Wild Boar (*Sus scrofa*), Jackal (*Canis aureus indicus*), Small Indian Civet (*Viverricula indica*), Jungle Cat (*Felis chaus*), Indian Crested Porcupine (*Hystrix indica*), Hanuman Langur (*Semnopithecus entellus*), Rhesus Macaque (*Macaca mulatta*), Indian Hare (*Lepus nigricollis*), Common Mongoose (*Urva edwardsii*), Five Striped Squirrel (*Funambulus pennati*) etc.;

**AND WHEREAS**, there are more than 250 species of birds including aquatic water fowls. Prominent among them are: Common Crow (*Corvus splendens*), Indian Sparrow (*Passer domesticus*), Bee Eater (*Merops orientalis*), Purple Sunbird (*Cinnyris asiaticus*) Indian Peafowl (*Pavo cristatus*), Red Jungle Fowl, Grey Partridge (*Ortygornis pondicerianus*), Cuckoos, Indian Night Jar (*Caprimulgus asiaticus*), Eurasian Golden Oriole (*Oriolus oriolus*), White Throated Kingfisher (*Halcyon smyrnensis*), Pied Kingfisher (*Ceryle rudis*), Indian Swift (*Aerodramus unicorn*), Common Hoopoe (*Upupa epops*), Hornbills, Coppersmith Barbet (*Megalaima haemacephala*), Brown Headed Barbet (*Megalaima zeylanica*), Black Rumped Flameback Woodpecker (*Dinopium benghalense*), Indian Roller (*Coracias benghalensis*), Barn Owl (*Tyto alba*), Rose Ringed parakeet (*Psittacula krameri*), Plum Headed Parakeet (*Himalayapsitta cyanocephala*) Alexandrine Parakeet (*Psittacula eupatria*) Ring Necked Dove (*Streptopelia capicola*), Spotted Dove (*Spilopelia chinensis*), Bronze-winged Jacana (*Metopidius indicus*), Pheasant-tailed Jacana (*Hydrophasianus chirurgus*), Red-wattled Lapwing (*Vanellus indicus*), Eurasian coot (*Fulica atra*), Shikra (*Accipiter badius*), Geese, Swan, Ducks etc.;

**AND WHEREAS**, other important reptilian species in the sanctuary includes King Cobra (*Ophiophagus hannah*), Rat Snake (*Ptyas mucosa*), Common Krait (*Bungarus caeruleus*), Russell's Viper (*Daboia russelii*), Indian Python and Common Monitor Lizard etc. It also harbours variety of Butterflies among which Plain Tiger (*Danaus chrysippus*), Stripped Tiger (*Danaus genutia*), Common sergeant (*Athyma perius*), Common Jezebel (*Delias eucharis*), Peacock Pansy (*Junonia almana*), Lemon Butterfly (*Papilio demoleus*), Blue Tiger (*Tirumala limniace*), Common Leopard Butterfly (*Phalanta phalantha*) and Crow Butterfly (*Euploea core*) are very common in the area. The honey bees (Apidae) are represented by Indian Rock Bee (*Apis dorsata*), Indian Bee (*Apis cerana indica*), Italian Bee (*Apis mellifera*) and Little Bee (*Apis florea*);

**AND WHEREAS**, it is necessary to conserve and protect the area the extent and boundaries of which is specified in paragraph 1 of this notification around the protected area of Sukhna Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive Zone;

**AND WHEREAS**, the Government of Haryana vide its letter No. 682, dated 16<sup>th</sup> February, 2024 have specifically stated that the declaration of Eco-sensitive Zone around Sukhna Lake Sanctuary on the Haryana side is in conformity with the Order dated 02<sup>nd</sup> March, 2020 of the High Court of Punjab and Haryana in Writ Petition (C) No. 18253 of 2009 and 5809 of 2015: Court on its own motion Vs Chandigarh Administration and other connected matters;

**AND WHEREAS**, the Government of Haryana vide its letter No. 682, dated 16<sup>th</sup> February, 2024 has specifically stated that the adjoining State of Punjab and Union territory of Chandigarh do not have any objection to the State of Haryana delineating Eco-Sensitive Zone around Sukhna Wildlife Sanctuary (towards Haryana Side);

**NOW, THEREFORE**, in exercise of the powers conferred by sub-section (1) and clauses (v) and (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) (hereafter in this notification referred to as the Environment Act), read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent varying from **1.0 km to 2.035 km** from the boundary of the Sukhna Wildlife Sanctuary, in the State of Haryana as **Sukhna Wildlife Sanctuary Eco-sensitive Zone** (hereafter in this notification referred to as the Eco-sensitive Zone, the details of which are specified in paragraph 1 for the purpose of protecting and improving the quality of environment and preventing, controlling and abating environment pollutions and taken the following measures, namely:-

#### 1. Extent and boundaries of Eco-sensitive Zone-

- (1) The Eco-sensitive Zone in general extends up to 1.0 kilometre from the boundary of the Sukhna Wildlife Sanctuary on the Haryana side. It is further extended to 2.0 kilometres in the Reserved Forest on the northern side. On the eastern side; the Eco-sensitive Zone boundary is mostly 1.0 kilometre, running along the boundary of the Reserved Forest; it is extended on the south-eastern side to make it co-terminous with the boundary of the Reserved Forest and the total area of the Eco-Sensitive Zone is **24.60 sq. kms.**

- (2) Ten villages namely Prempura, Sokhomajri, Damala, Lohgarh, Manakpur Thakardas, Surajpur, Chandimandir Kotla, Darra Kharauni, Rampur, Saketari and Mahadevpur fall within the proposed Eco-sensitive Zone, the total area proposed will be 6078.98 acres (2460.07 ha) and will encompass and include, *inter-alia*, following areas namely:-
- (i) area comprising of Sector 1 and part of Sector 2 and sector 3 including Gymkhana Club under the Haryana Shahari Vikas Pradhikaran(HSVP).
  - (ii) some tube well chambers, Para Gliding Parks and area falling under Sector-1, MDC.
  - (iii) area falling under Chandi mandir Cantonment (area including small arms firing range of military station Chandi mandir, Central Soil and Water Conservation Research Farm.
  - (iv) part of area falling under Municipal Corporation (MC), Panchkula;
  - (v) out of ten villages falling in the proposed Eco-Sensitive Zone, two villages namely, Saketri and Prempura fall within a radius of 700 meters from the boundary of Sukhna Wildlife Sanctuary. While the houses in Village Saketri are located along the boundary of Sukhna Wildlife Sanctuary, the habitation of village Prempura is at a distance of 300 m to 700 m from the boundary of Sukhna Wildlife Sanctuary.
- (3) The boundary description of Eco-Sensitive Zone is appended **Annexure I**.
- (4) The map of Eco sensitive Zone is appended as Annexure II.
- (5) The latitudes and longitudes of the Sukhna Wildlife Sanctuary (Table A) and its Eco-Sensitive Zone (Table B) is appended as **Annexure III**.
- (6) The list of villages falling within Eco-Sensitive Zone along with co-ordinates of prominent points is appended as **Annexure IV**.

**2. Zonal Master Plan for the Eco-sensitive Zone-** (1) The State Government shall, for the purpose of the Eco-sensitive Zone, prepare and notify a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, in consultation with local people in accordance with the provisions of this notification.

(2) The Zonal Master Plan shall be approved by the competent authority in the State Government.

(3) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government in such manner as is specified in this notification and also in consonance with the relevant laws for the time being in force and the guidelines issued by the Central Government, if any.

(4) The Zonal Master Plan shall be prepared in consultation with the following departments of the state government, for integrating the ecological and environment consideration into the said plan, namely: -

- (i) Environment;
- (ii) Forest;
- (iii) Urban Development;
- (iv) Tourism;
- (v) Municipality;
- (vi) Revenue;
- (vii) Agriculture; and
- (viii) Haryana State Pollution Control Board.

(5) The Zonal Master Plan shall not impose any restriction on the approved existing land use, infrastructure and activities, unless so specified in this notification and the Zonal Master Plan shall factor in improvement of all infrastructure and activities to be more efficient and eco-friendly.

(6) The Zonal Master plan shall provide for restoration of denuded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of the ecology and environment that need attention.

(7) The Zonal Master Plan shall demarcate all the existing worshipping places, village and urban settlements, types and kinds of forests, agricultural areas, fertile lands, green areas, such as, parks and like places, horticultural areas,



orchards, lakes and other water bodies with supporting maps giving details of existing and proposed land use features.

(8) The Zonal Master Plan shall regulate development in Eco-sensitive Zone as to ensure Eco-friendly development for the security of local communities livelihood.

**3. Measures to be taken by the State Government-** The State Government shall take the following measures for giving effect to the provisions of this notification, namely: -

1. **Land use.-** Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or industrial related development activities:

Provided that the conversion of agricultural and other lands, for the purposes other than that specified in this clause, within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee, and with the prior approval of the competent authority under the Regional Town Planning Act and other rules and regulations of the Central Government or the State Government as applicable and the provisions of this notification, to meet the residential needs of the local residents and for activities such as:-

- (i) widening and strengthening of existing roads and construction of new roads;
- (ii) construction and renovation of infrastructure and civic amenities;
- (iii) small scale industries not causing pollution;
- (iv) cottage industries including village industries; convenience stores and local amenities supporting eco-tourism including home stay; and
- (v) promoted activities given under para 4;

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the State Government and without compliance of the provisions of article 244 of the Constitution or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007):

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the respective State Governments, after obtaining the views of the Monitoring Committee, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forests and Climate Change:

Provided also that the correction of error shall not include change of land use in any case except as provided under this sub-paragraph:

Provided also that there shall be no consequential reduction in green area, such as forest area and agricultural area.

(b) efforts shall be made to reforest the unused or unproductive agricultural areas with afforestation and habitat restoration activities.

(2) **Natural water bodies.** - The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Governments in such a manner as to prohibit development activities at or near these areas which are detrimental to such areas.

(3) **Tourism or Eco-tourism:** - (a) All new eco-tourism activities or expansion of existing tourism activities within the Eco-Sensitive Zone shall be as per the Tourism Master Plan for the Eco-sensitive Zone;

- (b) the Eco-Tourism Master Plan shall be prepared by Department of Tourism in consultation with Departments of Environment and Forests of the State Government.
- (c) The Tourism Master Plan shall form a component of the Zonal Master Plan.
- (d) The Tourism Master Plan shall be drawn based on the study of carrying capacity of the Eco-Sensitive Zone.
- (e) The activities of eco-tourism shall be regulated as under, namely: -

(i) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the eco-tourism guidelines issued by the central government and the eco-tourism guidelines issued by the National Tiger Conservation Authority (as amended from time to time) with emphasis on eco-tourism, eco-education and eco-development;

(ii) All new construction of hotels and resorts shall not be allowed within one kilometre from the boundary of the protected area or upto the extent of the Eco-sensitive Zone, whichever is nearer:

Provided that beyond the distance of one kilometer from the boundary of the protected area till the extent of the Eco-sensitive Zone, the establishment of new hotels and resorts shall be allowed only in pre-defined and designated areas for eco-tourism facilities as per Tourism Master Plan;

(iii) until the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site-specific scrutiny and recommendation of the Monitoring Committee.

**(4) Natural heritage.** - All sites of valuable natural heritage in the Eco-sensitive Zone, such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and a heritage conservation plan shall be drawn up for their preservation and conservation as a part of the Zonal Master Plan.

**(5) Man-made heritage sites-** Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and heritage conservation plan for their conservation shall be prepared as part Zonal Master Plan.

(6) **Noise pollution.** - Prevention and Control of noise pollution in the Eco-sensitive Zone shall be complied with in accordance with the Noise Pollution (Regulation and Control) Rules, 2000.

(7) **Air pollution.** - Prevention and control of air pollution in the Eco-sensitive Zone shall be compiled in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the Environment Act, and the rules made there under.

(8) **Discharge of effluents.** - The discharge of treated effluent in the Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) and the Environment Act, and the rules made there under.

(9) **Solid wastes.** - Disposal and management of solid wastes shall be as under: -

(a) the solid waste disposal and management in the Eco-sensitive Zone shall be carried out in accordance with the Solid Waste Management Rules, 2016 the inorganic material may be disposed in an environmental acceptable manner at site identified outside the Eco-sensitive Zone;

(b) safe and environmentally sound management of solid wastes in conformity with the existing rules and regulations using identified technologies may be allowed within Eco-Sensitive Zone.

(10) **Bio-medical waste** – Bio medical waste management shall be as under:

a. the bio-medical waste disposal in the Eco-sensitive Zone shall be carried out in accordance with the Bio-Medical Waste Management Rules, 2016.

b. safe and environmentally sound management of bio-medical wastes in conformity with the existing rules and regulations using identified technologies may be allowed within Eco-Sensitive Zone.

**(11) Plastic Waste Management.** - The plastic waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Plastic Waste Management Rules, 2016.

**(12) Construction and demolition waste management** - The construction and demolition waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Construction and Demolition Waste Management Rules, 2016.

**(13) E-waste.** - The e-waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the E-Waste Management Rules, 2016.

**(14) Vehicular traffic** – The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal Master plan is prepared and approved by the Competent Authority in the State Government, the Monitoring Committee shall monitor compliance of vehicular movement under the relevant Acts and the rules and regulations made thereunder.

**(15) Vehicular pollution** - Prevention and control of vehicular pollution shall be complied with in accordance with applicable laws and efforts shall be made for use of cleaner fuel such as Compressed Natural Gas, Liquefied Petroleum Gas, etc.

**(16) Industrial units -**

- (a) No new polluting industries shall be allowed to be set up within the Eco-sensitive Zone on or after the publication of this notification in the Official Gazette.
- (b) Only non-polluting industries shall be allowed within Eco-sensitive Zone as per classification of Industries in the Guidelines issued by the Central Pollution Control Board unless so specified in this notification. and only, non-polluting cottage industries shall be promoted.

**(17) Protection of hill slopes -** The protection of hill slopes shall be as under:-

- (a) The Zonal Master Plan shall indicate areas on hill slopes where no construction shall be permitted.
- (b) Construction on existing steep hill slopes or slopes with a high degree of erosion shall not be permitted.

**4. List of activities prohibited or to be regulated within the Eco-sensitive Zone-**

All activities in the Eco sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made there and the Environmental Impact Assessment (EIA) Notification, 2006 and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act, 1972 (53 of 1972), and amendments made thereto and be regulated in the manner specified in the Table below, namely:

**TABLE**

S No.	Activity	Description
1.	2.	3.
<b>A. Prohibited Activities</b>		
1.	Commercial Mining, stone quarrying and crushing units.	(a) All new and existing (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses within Eco-sensitive Zone;  (b) The mining operations shall be carried out in accordance with the orders of the Supreme Court in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No.202 of 1995 and Goa Foundation Vs. UOI in W.P.(C) No.435 of 2012 and IA No. 1000 of 2003 judgment dated 03.06.2022 and subsequent IA No. 131377 of 2022 judgment dated 26.04.2023 and 28.04.2023.
2.	Setting of new saw mills.	Prohibited.
3.	Setting of industries causing pollution (Water, Air, Soil, Noise, etc.).	Prohibited.
4.	Use or production or processing of any hazardous substances.	Prohibited.
5.	Commercial use of firewood.	Prohibited.
6.	Discharge of untreated effluents in natural water bodies or land area.	Prohibited.

7.	Commercial water resources including ground water harvesting.	Commercial use of natural water resources including ground water shall be prohibited in the Eco-sensitive Zone and all steps shall be taken to prevent contamination or pollution of water.
8.	Establishment of new thermal and major hydroelectric project.	Prohibited
9.	New wood-based industry.	No establishment of new wood-based industry shall be permitted within the limits of Eco-sensitive Zone: Provided the existing wood-based industry may continue as per law: Provided further that renewal of licenses of existing saw mills shall not be done on their expiry.
10.	Establishment of large-scale commercial livestock and poultry farms by firms, corporate and companies.	Prohibited (except as otherwise provided) as per applicable laws. Provided that only small-scale poultry farms by local farmers can be established for sustenance of their livelihood.
<b>B. Regulated Activities</b>		
11.	Commercial establishment of hotels and resorts.	<p>No new commercial hotels and resorts shall be permitted within the catchment of the Sukhna Wildlife Sanctuary as per map delineated by the Survey of India on 21.09.2004 and in conformity with the Order dated 02<sup>nd</sup> March, 2020 of the High Court of Punjab and Haryana in Writ Petition (C) No. 18253 of 2009 and 5809 of 2015 title Court on its own motion Vs Chandigarh Administration and also in conformity with the judgment of the High Court in review petition CM-14026-CWP-2021 with RA-CW-259-2020, RA-CW-252-2020, RA-CW-261-2020, RA-CW-268-2020 and RA-CW-69-2021 in CWP-18253-2009 in so far as its applicability to the Eco-sensitive Zone of the Sukhna Wildlife Sanctuary:</p> <p>Provided that, beyond one kilometer from the boundary of the Protected Area or upto the extent of Eco-sensitive Zone, whichever is nearer, all new tourism developmental activities or expansion of existing developmental activities shall be in conformity with the Tourism Master Plan and guidelines as applicable.</p>
12.	Construction activities.	<p>(a) No new constructions of any kind shall be permitted within the catchment of the Sukhna Wildlife Sanctuary as per map delineated by the Survey of India on 21.09.2004 and in conformity with the Order dated 02<sup>nd</sup> March, 2020 of the High Court of Punjab and Haryana in Writ Petition (C) No. 18253 of 2009 and 5809 of 2015 title Court on its own motion Vs Chandigarh Administration and also in conformity with the final judgment of the High Court in review petition CM-14026-CWP-2021 with RA-CW-259-2020, RA-CW-252-2020, RA-CW-261-2020, RA-CW-268-2020 and RA-CW-69-2021 IN CWP-18253-2009 in so far as its applicability to the Eco-sensitive Zone of the Sukhna Wildlife Sanctuary:</p> <p>Provided that, local residents shall be permitted to undertake construction in their land for their bonafide residential use as per building bye-laws to meet the residential needs of the local residents.</p> <p>(b) The construction activity related to small scale industries not causing pollution shall be regulated, with prior permission from</p>



		the competent authority as per rules and regulations, applicable, if any.  (c) Beyond one kilometer it shall be regulated as per the Zonal Master Plan.
13.	Erection of electrical and telecommunication towers.	Shall be regulated by the State Government of Haryana and underground cabling shall be promoted.
14.	Felling of Trees.	(a) There shall be no felling of trees on the forest land or Government or revenue or private land within the Eco-sensitive Zone area without prior permission of the Principal Chief Conservator of Forests (Head of Forest Force) or the Authority to whom the powers have been delegated under any law to or in the time being in force.  (b) The felling of trees shall be regulated in accordance with the provisions of the relevant laws for the time being in force.
15.	Widening and strengthening of existing roads and construction of new roads.	Construction of new roads and widening or repair of existing roads in the Eco-sensitive Zone shall be regulated as per rules and regulations applicable, if any.
16.	Erection of high-tension transmission lines.	As per regulations, as applicable and underground cabling shall be permitted.
17.	Introduction of exotic species.	Introduction of exotic species shall be regulated in the Eco sensitive Zone as per applicable laws.
18.	Fencing of premises of hotels and lodges.	Fencing of premises of hotels and lodges shall be regulated in the Eco-sensitive Zone as per applicable laws.
19.	Air (including noise) and vehicular pollution.	Regulated as per the applicable laws.
20.	Commercial sign boards and hoardings.	Regulated as per the applicable laws.
21.	Eco-friendly cottages for temporary occupation of tourists such as tents, wooden houses, etc. for eco-friendly tourism activities.	Regulated as per the applicable laws.
22.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluents shall be encouraged and for disposal of sludge or solid wastes, the applicable regulations shall be followed.
23.	Small scale industries not causing pollution.	Non polluting industries as per classification of industries issued by the Central Pollution Control Board. as amended from time to time and non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous materials from the Eco-sensitive Zone shall be permitted by the competent Authority.
24.	Undertaking activities related to tourism like over-flying the national park area by aircraft, hot air balloons.	Regulated as per the applicable laws.
25.	Solid Waste Management.	Regulated as per the applicable laws.
26.	Uses of plastic carry bags.	Regulated (except as otherwise provided) as per applicable laws.

27.	Eco-Tourism Activity.	Regulated as per the applicable laws.
<b>C. Promoted Activities</b>		
28.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming and fisheries.	Eco-friendly agriculture and horticulture will be permitted.
29.	Rain water harvesting.	Shall be actively promoted.
30.	Use of renewable energy sources.	Shall be actively promoted provided that material used does not produce and reflect light that disturb birds and animals.
31.	Adoption of green technology for all activities.	Shall be permitted.
32.	Organic farming.	As permitted under the applicable law.
33.	Vegetative fencing.	As permitted under the applicable law.
34.	Cottage industries including village artisans, etc.	Non-polluting Cottage industries including village artisans will be permitted.
35.	Agro forestry.	Shall be permitted.
36.	Environmental awareness.	Shall be actively promoted.
37.	Skill development.	Shall be permitted.

**5. Monitoring Committee for Monitoring the Eco-sensitive Zone Notification-** The Central Government for effective monitoring of the activities in the Eco-sensitive Zone, hereby constitutes a Monitoring Committee consisting of the following, namely: -

1	Deputy Commissioner, District Panchkula	Chairman, <i>ex-officio</i> ;
2	Deputy Chief Wildlife Warden, Panchkula or Divisional Wildlife Officer	Member; <i>ex-officio</i> ;
3	Representative of Department of Rural Development & Panchayat, Haryana	Member; <i>ex-officio</i> ;
4	District Town Planner, Panchkula	Member; <i>ex-officio</i> ;
5	Representative of H.S.V.P. Haryana	Member; <i>ex-officio</i> ;
6	Representative of Ministry of Environment, Forest & Climate Change, Government of India	Member; <i>ex-officio</i> ;
7	Representative of M.C. Panchkula	Member; <i>ex-officio</i> ;
8	Regional Officer, Haryana Pollution Control Board	Member; <i>ex-officio</i> ;
9	A representative of Non-governmental Organization working in the field of wildlife conservation to be nominated by the Government of Haryana for a period not exceeding three years, from time to time	Member;
10	An expert in Biodiversity to be nominated by the Government of Haryana for a period not exceeding three years, from time to time	Official member;
11	One expert in Ecology from reputed institution or University of the State to be nominated by the Government of Haryana for a period not exceeding three years, from time to time	Official member;
12	Representative of Housing Development, Haryana	Member; <i>ex-officio</i> ;
13	Representative of Agriculture Development, Haryana	Member; <i>ex-officio</i> ;
14	Representative of District Collector, U.T	Member; <i>ex-officio</i> ;
15	Representative of State Biodiversity Board, Haryana	Member; <i>ex-officio</i> ;
16	Divisional Forest Officer (Territorial ) Morni- Pinjore, Haryana	Member Secretary <i>ex-officio</i> ;

**6. Functions of the Monitoring Committee.** – (1) The Monitoring Committee shall monitor the compliance of the provisions of this notification.

(2) The tenure of the Monitoring Committee shall be till further orders provided that the non-official members of the committee shall be nominated by Government of Haryana from time to time every three years.

(3) The Monitoring Committee shall, based on the actual site-specific conditions, scrutinise the activities covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest, *vide* number S.O. 1533 (E), dated the 14<sup>th</sup> September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, and refer to the Central Government in the Ministry of Environment, Forest and Climate Change or the State Environment Impact Assessment Authority, as the case maybe, for prior environmental clearances under the provisions of the said notification.

(4) The activities not covered in the Schedule to the notification referred to in sub-paragraph (3) and falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the Regulatory authorities concerned.

(5) The Member Secretary of the Monitoring Committee or the Collector or the Deputy Conservator of Forests concerned shall be competent to file complaint under section 19 of the Environment Act, against any person who contravenes the provisions of this notification.

(6) The Monitoring Committee may invite representative or expert from Department representative from industry associations or concerned stakeholders to assist in its deliberations depending on the requirements on case-to-case basis.

(7) The Monitoring Committee shall submit the annual action taken report of its activities for the period up to the 31<sup>st</sup> March of every year by the 30<sup>th</sup> June of that year to the Chief Wildlife Warden of the State in form specified in **Annexure-V**, appended to this notification.

(8) The Central Government may give such directions in writing, as it deems fit, to the Monitoring Committee for effective discharge of its functions.

7. **Additional measures:** - The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.

8. **Orders, Supreme Court, etc.:** - The provisions of this notification shall be subject to the orders, if any passed or to be passed by the Hon'ble Supreme Court of India or High Court or the National Green Tribunal.

[F.No.25/35/2018-ESZ]  
Dr. S. Kerketta, Scientist 'G'

## ANNEXURE I

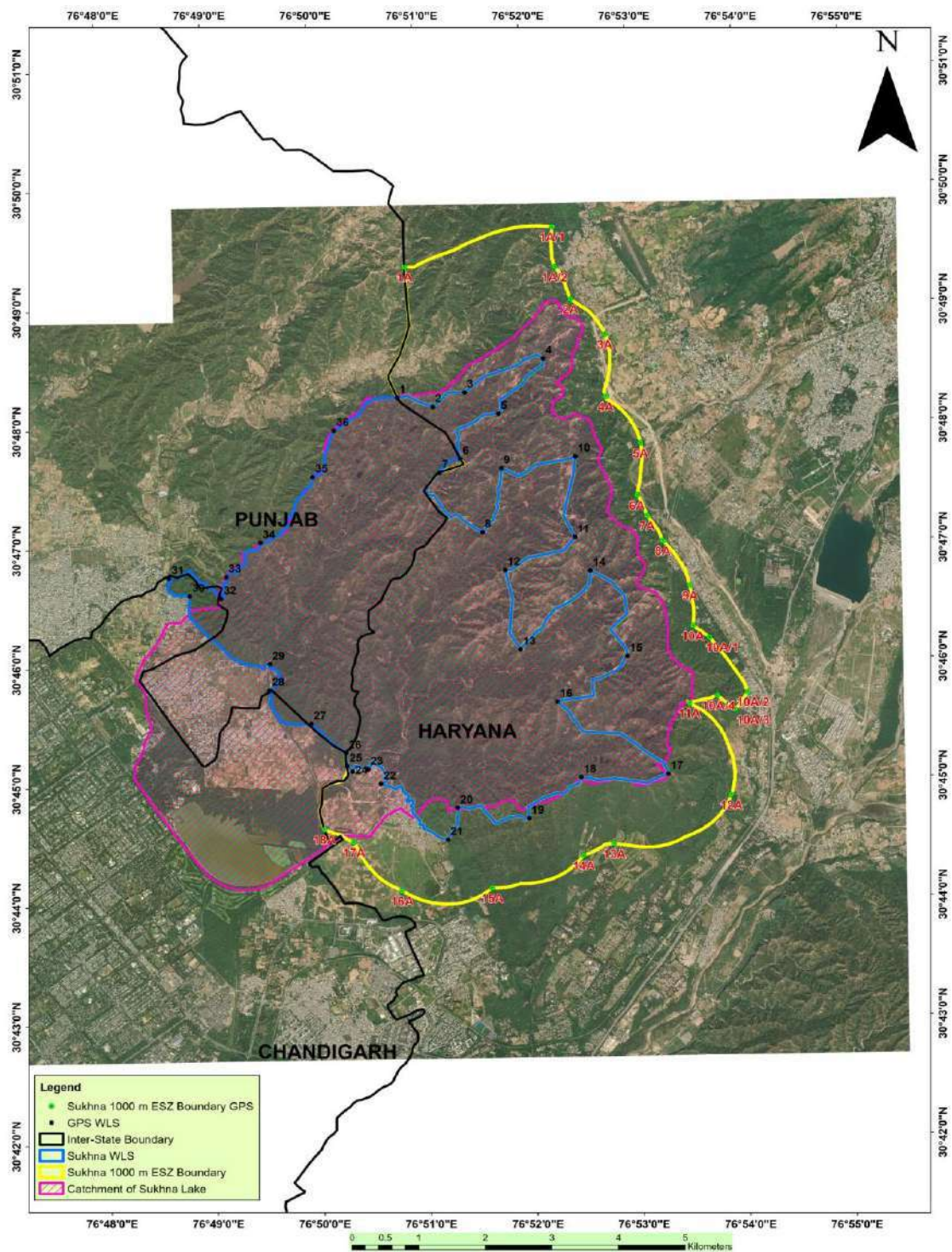
**BOUNDARY DESCRIPTION OF ECO-SENSITIVE ZONE OF THE SUKHNA WILDLIFE  
SANCTUARY**

<b>1</b>	<b>2</b>
<b>Point 1A to 1A/1</b>	ESZ boundary on the Northern side of Sukhna Wildlife Sanctuary (SWS) is extended upto 2 km from the boundary of SWS and runs towards eastern side. The area consists of Reserve Forest. The habitation of village Prempura is located above the northern boundary of Sukhna Wildlife Sanctuary and falls within the proposed ESZ boundary.
<b>Point 1A/1 to 2A</b>	ESZ boundary runs south wards upto 2A and is co-terminous with Reserve Forest.
<b>Point 2A to 6A</b>	North-Eastern boundary of Sukhna Wildlife Sanctuary towards Haryana side. The ESZ boundary starts from the boundary of RF and runs through revenue land of villages Sukhomajra, Dhamala, Lohgarh and Manakpur Thakardas. The ESZ boundary culminates on the boundary of RF. The proposed boundary passes through Jhajra River.
<b>Point 6A to 8A</b>	Eastern side of boundary of Sukhna Wildlife Sanctuary towards Haryana side and ESZ boundary runs south wards upto 8A along the boundary of RF.
<b>Point 8A to 10A</b>	Eastern side of boundary of Sukhna Wildlife Sanctuary towards Haryana side and ESZ boundary starts from the boundary of Reserve Forest and passes through railway track and habitation area of village Surajpur. It culminates at the boundary of RF at Surajpur village.
<b>Point 10A to 11A (10A/1, 10A/2, 10A/3, 10A/4)</b>	Eastern side of boundary of Sukhna Wildlife Sanctuary towards Haryana side and ESZ boundary runs along the boundary of Rampur PF and culminates on the boundary of Nepli RF.
<b>Point 11A to 14A</b>	South Eastern side of boundary of Sukhna Wildlife Sanctuary towards Haryana side. The ESZ boundary starts from Nepli RF area and runs through Revenue land of villages Chandimandir, Kotla and Darra Kharauni.
<b>Point 14A to 15A</b>	Southern side of boundary of Sukhna Wildlife Sanctuary towards Haryana side. The ESZ boundary starts from revenue land of Darra Kharauni and passes through area under Central Soil and Water Conservation Research Farm, Panchkula.
<b>Point 15A to 16A</b>	Southern side of boundary of Sukhna Wildlife Sanctuary towards Haryana side. The ESZ boundary starts from area under Central Soil and Water Conservation Research Farm, Panchkula and runs through area under HSVP.
<b>Point 16A to 18 A</b>	Southern side of boundary of Sukhna Wildlife Sanctuary towards Haryana side. The ESZ boundary starts from and runs through HSVP area and culminates at interstate boundary.



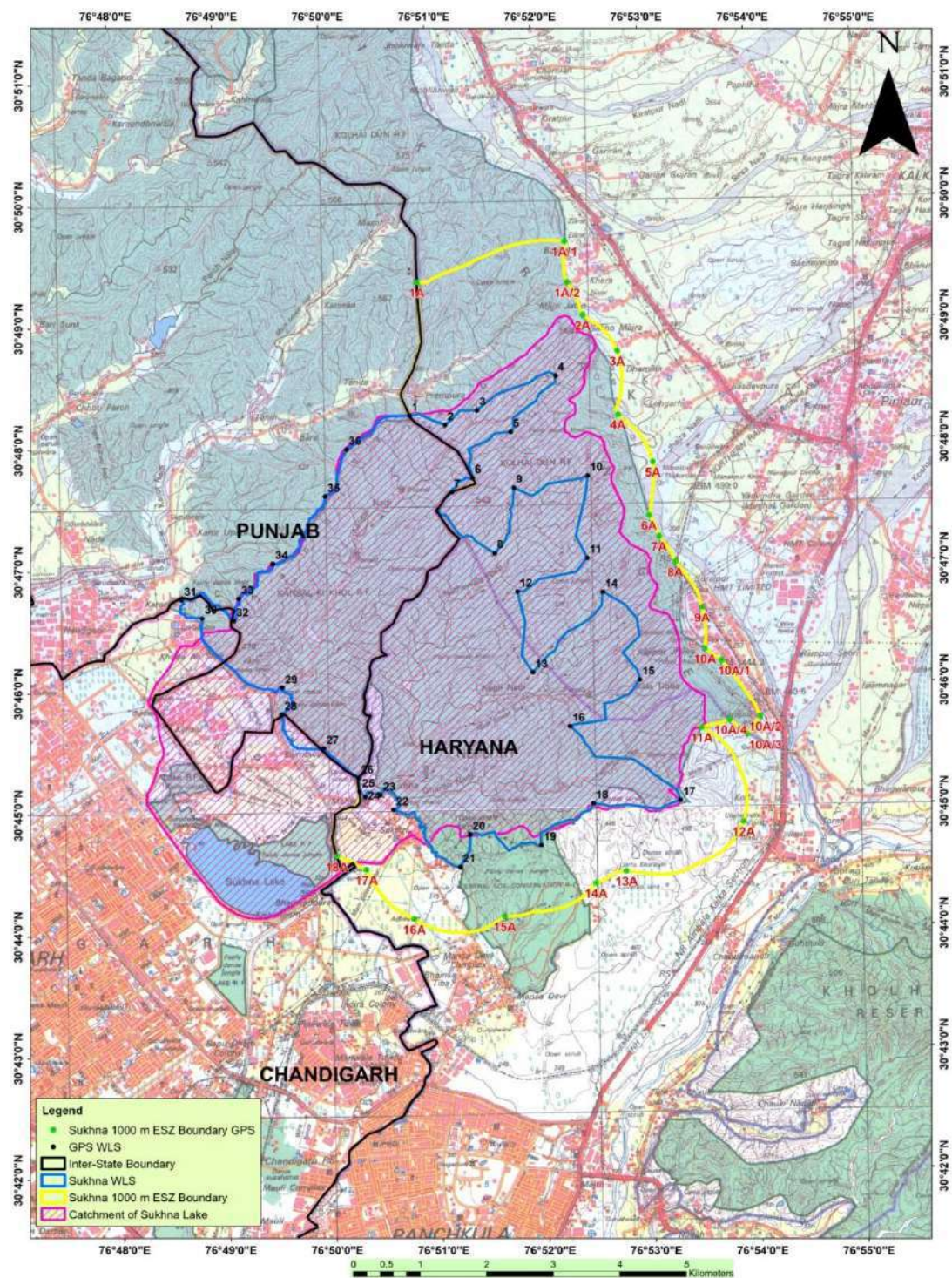
## ANNEXURE- II

## LOCATION MAP OF SUKHNA WILDLIFE SANCTUARY, HARYANA (GOOGLE EARTH)





# **LOCATION MAP OF ECO-SENSITIVE ZONE AROUND SUKHNA WILDLIFE SANCTUARY, HARYANA (TOPO SHEET)**



## ANNEXURE-III

TABLE-A: GEO-COORDINATES OF SUKHNA WILDLIFE SANCTUARY (IN DMS FORMAT)

No.	Coordinates of Sukhna WLS towards Haryana Side	
	Latitude	Longitude
(1)	(2)	(3)
1	30° 48' 14.489" N,	76° 50' 48.118" E
2	30° 48' 9.556" N,	76° 51' 8.197" E
3	30° 48' 16.577" N,	76° 51' 26.254" E
4	30° 48' 33.081" N,	76° 52' 10.877" E
5	30° 48' 5.626" N,	76° 51' 45.077" E
6	30° 47' 43.209" N,	76° 51' 23.111" E
7	30° 47' 36.410" N,	76° 51' 11.337" E
8	30° 47' 5.947" N,	76° 51' 34.995" E
9	30° 47' 38.053" N,	76° 51' 46.305" E
10	30° 47' 43.498" N,	76° 52' 28.145" E
11	30° 47' 2.914" N,	76° 52' 27.175" E
12	30° 46' 46.820" N,	76° 51' 47.427" E
13	30° 46' 6.758" N,	76° 51' 55.363" E
14	30° 46' 45.963" N,	76° 52' 35.541" E
15	30° 46' 2.483" N,	76° 52' 55.636" E
16	30° 45' 40.040" N,	76° 52' 15.764" E
17	30° 45' 2.847" N,	76° 53' 17.545" E
18	30° 45' 1.878" N,	76° 52' 28.357" E
19	30° 44' 41.538" N,	76° 51' 58.565" E
20	30° 44' 47.294" N,	76° 51' 18.401" E
21	30° 44' 31.391" N,	76° 51' 12.683" E
22	30° 45' 0.082" N,	76° 50' 35.416" E
23	30° 45' 7.383" N,	76° 50' 28.231" E
24	30° 45' 6.564" N,	76° 50' 19.556" E
25	30° 45' 9.252" N,	76° 50' 16.411" E
26	30° 45' 15.891" N,	76° 50' 15.946" E

**TABLE B: GEO-COORDINATES OF ECO-SENSITIVE ZONE BOUNDARY (IN DMS FORMAT)**

No.	Coordinates of Proposed ESZ of Sukhna WLS towards Haryana Side		
	Longitude	Latitude	Distance from the boundary of Sukhna Wildlife Sanctuary (toward Haryana side)
(1)	(2)	(3)	(4)
1A	76° 50' 53.415" E	30° 49' 20.144" N	2026 metre
1A/1	76° 52' 17.169" E	30° 49' 39.304" N	2035 metre
1A/2	76° 52' 18.259" E	30° 49' 19.125" N	1421 metre
2A	76° 52' 26.758" E	30° 49' 2.753" N	1000 metre
3A	76° 52' 45.952" E	30° 48' 44.854" N	1000 metre
4A	76° 52' 45.899" E	30° 48' 13.469" N	1000 metre
5A	76° 53' 5.038" E	30° 47' 49.818" N	1000 metre
6A	76° 53' 2.459" E	30° 47' 23.490" N	1000 metre
7A	76° 53' 7.911" E	30° 47' 13.111" N	1260 metre
8A	76° 53' 16.740" E	30° 47' 0.340" N	1000 metre
9A	76° 53' 31.572" E	30° 46' 37.702" N	1000 metre
10A	76° 53' 32.723" E	30° 46' 17.305" N	1000 metre
10A/1	76° 53' 42.032" E	30° 46' 11.391" N	1301 metre
10A/2	76° 54' 3.129" E	30° 45' 43.585" N	2327 metre
10A/3	76° 53' 55.616" E	30° 45' 34.673" N	2129 metre
10A/4	76° 53' 45.934" E	30° 45' 42.011" N	1862 metre
11A	76° 53' 30.142" E	30° 45' 38.376" N	1000 metre
12A	76° 53' 52.855" E	30° 44' 51.739" N	1000 metre
13A	76° 52' 46.294" E	30° 44' 28.126" N	1000 metre
14A	76° 52' 28.969" E	30° 44' 22.391" N	1000 metre
15A	76° 51' 37.105" E	30° 44' 6.716" N	1000 metre
16A	76° 50' 46.226" E	30° 44' 5.977" N	1000 metre
17A	76° 50' 19.551" E	30° 44' 30.679" N	1000 metre
18A	76° 50' 2.957" E	30° 44' 37.444" N	1000 metre



## ANNEXURE-IV

## LIST OF VILLAGES INSIDE THE ESZ AREA ALONGWITH GEO- COORDINATES (IN DMS FORMAT)

S. No.	Village name	Longitude	Latitude
(1)	(2)	(3)	(4)
1.	Prempura (Tehsil Kalka, District Panchkula)	76° 50' 54.917" E	30° 48' 25.164" N
2.	Sukhomajri (Tehsil Kalka, District Panchkula)	76° 52' 36.656" E	30° 48' 51.287" N
3.	Damla (Tehsil Kalka & District Panchkula)	76° 52' 46.111" E	30° 48' 32.996" N
4.	Lohgarh (Tehsil Kalka, District Panchkula)	76° 52' 52.806" E	30° 48' 3.862" N
5.	Manakpur, Thakardas (Tehsil Kalka, District Panchkula)	76° 53' 2.776" E	30° 47' 45.900" N
6.	Surajpur (Tehsil Kalka, District Panchkula)	76° 53' 25.241" E	30° 46' 42.880" N
7.	Rampur (Tehsil Kalka, District Panchkula)	76° 53' 53.841" E	30° 45' 48.277" N
8.	Chandimandir Kotla (Tehsil Kalka, District Panchkula)	76° 53' 44.730" E	30° 44' 55.689" N
9.	Dara Khanori (Tehsil Kalka, District Panchkula)	76° 52' 43.802" E	30° 44' 34.904" N
10.	Saketri/Mahadevpur (Tehsil, District Panchkula)	76° 50' 37.554" E	30° 44' 53.046" N

## Annexure-V

## Performa of Action Taken Report: - Eco-Sensitive Zone Monitoring Committee -

1. Number and date of Meetings.
2. Minutes of the meetings: Mention main noteworthy points. Attach Minutes of the meeting as separate Annexure.
3. Status of preparation of Zonal Master Plan including Tourism Master Plan.
4. Summary of cases dealt for rectification of error apparent on face of land record (Eco-sensitive Zone wise). Details may be attached as Annexure.
5. Summary of cases scrutinised for activities covered under the Environment Impact Assessment Notification, 2006. Details may be attached as separate Annexure.

6. Summary of cases scrutinised for activities not covered under the Environment Impact Assessment Notification, 2006. Details may be attached as separate Annexure.
7. Summary of complaints lodged Under Section 19 of the Environment (Protection) Act, 1986
8. Any other matter of importance.

OFFICE OF THE EXECUTIVE ENGINEER HSVP DIVISION NO. II PANCHKULA

To

✓ DLF Homes Panchkula Pvt. Ltd.  
2nd floor DLF Gateway Tower  
DLF City Phase-III, NH-8  
Gurugram - 122002

Memo No. 106861

Dated: 29.06.2022

Sub:- Assurance of fresh water supply of 400 KLD for drinking purpose for residential plotted colony area measuring 34.229 acres sector-3, Bhagwanpur, Pinjore Kalka Urban Complex Distt. Panchkula

Ref:- Your office letter dated 16.06.2022.

\*\*\*

In this regard, it is intimated that the water connection in Master Water supply line for 400 KLD after commissioning of residential plotted Colony over an area measuring 34.229 Acres bearing License No.20 of 2022 falling in Sector-3, Bhagwanpur, Pinjore Kalka Urban Complex Distt. Panchkula being developed by your firm could be given after completion of the Master Water supply line in the area.

This is for your kind information and necessary action please.

Endst No.

*Norder*  
EXECUTIVE ENGINEER,

Dated:

A copy of above is forwarded to the SDE-V HSVP, Panchkula for information.

↑  
EXECUTIVE ENGINEER,  
HSVP, DIVISION NO. II,  
PANCHKULA

# DLF HOMES PANCHKULA PRIVATE LIMITED

Regd. Office: 2<sup>nd</sup> Floor, DLF Gateway Tower, DLF City Phase III, NH-8, Gurugram-122002  
CIN NO. U45400HR2007PTC038443

June 06<sup>th</sup>, 2022

~~EXECUTIVE~~  
The ~~Superintending~~ Engineer,  
UHBVN, Sector 45  
Panchkula

Subject: Assurance Certificate of UHBVN for 4675 KW Electrical Load requirement for Residential Plotted Colony area measuring 34.229 acres, Sector 3 Bhagwanpur, Pinjore Kalka Urban Complex, District Panchkula

Sir,

1. With reference to the above subject, it is submitted that we have received the license from DTCP for Residential Plotted Colony, Sector 3, Pinjore Kalka Urban Complex (34.229 acres) (attached as "Annexure A"). We are in the process of Obtaining Environment Clearance (EC) from State Environment Impact Assessment Authority (SEIAA), Haryana.
2. The total estimated electrical load as per design calculation (on actual basis) for above project will be approximately 4675 KW. Copy of calculation is attached for your reference as Annexure "B".
3. In view of the above, it is requested to issue an Assurance Certificate, stating that entire electrical load will be provided/supplied by UHBVN, whenever electrical connection for the same is applied.
4. Submitted for your kind consideration and issuance of an assurance certificate, at an early date.

Thanking you,

Yours faithfully,  
For DLF Homes Panchkula Private Limited,

  
Authorized Signatory

Encl: As above.

UHBVN.L.	
OP DIVN. PANCHKULA	
XEN	
HC	
HD	
DIACCTT	
DIARY NO	

*Handwritten notes and signatures are present over the stamp, including "21/07/22" and "In Panchkula".*



CAF Pin: 8014665083  
PAN No: AABCH8735M

Memo No.: STP/PKL/

1093

Form PIM-6  
(See rule 32(2))

STP No. 91

Dated: 21/8/2022

Standard permits for the grant of permission for disposal of mineral extracted incidental to developmental activities

Where as M/s DLF Homes Panchkula Private Limited, Gateway Tower 2<sup>nd</sup> floor R Block City Phase-III Gurugram applied for the grant of a permit for disposal of Ordinary clay 241 MT and Gravel 663 MT excavation/removed from Sector-03, Pinjore Kalka Urban Complex, District Panchkula, Under Rule 32 (1) of State Mining Rule 2012. The applicant has have paid advance royalty Plus STP fees total amounting to Rs. 43499/- vide GRN No. 0093056463 dated 02.08.2022 and Security amount to Rs. 21250/- vide GRN No. 0093056585 dated 02.08.2022 & TCS Rs. 850 vide Challan no. 02002, BSR Code-0510077 dated 02.08.2022.

2. The permission is hereby granted for disposal of the mineral i.e. Ordinary clay and Gravel of 904 MT from land having dimension (15x25x1.4 mtr & 30.754524'N, 76.91605' E) for a period starting from Dated 02.08.2022 to 25.08.2022 excavated/ removed from the aforesaid area subject to the condition that the holder will abide by the safety guards for such excavation of removal

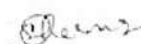
3. The permit holder shall transport/disposed off the ordinary clay/stone/sand/earth from the site of the excavation only by issuing a Mineral Transit pass.

4. The permit holder shall transport/disposed of mineral covered by tarpaulin from the site of the excavation only by issuing a Mineral Transit pass

5. The amount security deposit shall entail no interest. The security amount shall be refunded within a period of three months in case the same is not forfeited or required to be detained for any other purpose under this permit.

6. Any sum due from the permit holder shall be recovered from him as an arrear of Land Revenue

The permission shall be valid from 02.08.2022 to 25.08.2022.

  
Mining Officer  
Mines and Geology Deptt  
Panchkula

Endst. No. STP/PKL/

A copy is forwarded to the following for kind information please.

1. The Deputy Commissioner, Panchkula
2. Police Station Kalka, Panchkula
3. Field Checking Team Distt. Panchkula

  
Mining Officer  
Mines and Geology Deptt



# वन विभाग हरियाणा सरकार

कार्यालय :- वन मण्डल अधिकारी, मोरनी पिंजौर वन मण्डल, पिंजौर  
वन परिसर पिंजौर, दूरभाष / फैक्स नं० 01733-230537  
e-mail-dfomorni@gmail.com

दिनांक:- 18/05/2022

क्रमांक:- 1407  
सेवा में:-

DLF Homes Panchkula Pvt Ltd.,  
SCO 188-189, Sector 8 C,  
Chandigarh-160009.

विषय:-

Issuance of Forest NOC for land of 34.229 acres situated at village Bhagwanpur (H.B. no. 193) Tehsil Kalka, Distt. Panchkula to be developed by M/s DLF Homes Panchkula Pvt Ltd.

संदर्भ:-

आपका प्रार्थना पत्र दिनांक 16.05.2022

संदर्भांकित पत्र के सम्बन्ध में आपको अवगत करवाया जाता है कि आपकी मलकीयत भूमि जोकि गांव भगवानपुर जिला पंचकूला में आपके प्रार्थना पत्र व संलग्न जमाबंदी में अंकित खसरा नम्बरान पर इस कार्यालय में उपलब्ध रिकार्ड अनुसार पंजाब भूमि संरक्षण अधिनियम 1900 की धारा 4 व 5 लागू नहीं होती है।

इस भूमि पर पंजाब भूमि संरक्षण अधिनियम 1900 की सामान्य धारा 4 लागू होती है। उक्त भूमि में किसी भी प्रकार के कार्य को करने से पूर्व पंजाब भूमि संरक्षण अधिनियम 1900 की सामान्य धारा 4 के प्रावधानों के तहत इस कार्यालय से अनुमति प्राप्त करें। उक्त क्षेत्र में सुखना वन्य प्राणी अभियारण का ईको-सैसिटिव जोन भी प्रस्तावित है। जिसके सम्बन्ध में आप उक्त भूमि में किसी भी प्रकार के कार्य को करने से पूर्व ईको-सैसिटिव जोन में लागू प्रावधानों के तहत अनुमति भी प्राप्त करें। इसके अतिरिक्त वन राजिक अधिकारी, पिंजौर के पत्र क्र० 63 दिनांक 25.04.2022 के अनुसार आपकी मलकीयत भूमि के साथ बक्शीवाला सुरक्षित वन भूमि लगती है तो किसी भी प्रकार के कार्य को करने से पूर्व उक्त भूमि की निशानदेही करवाये

वन मण्डल अधिकारी,  
मोरनी-पिंजौर वन मण्डल,  
पिंजौर।

18/5/2022



# वन विभाग हरियाणा सरकार

कार्यालय:- वन मण्डल अधिकारी, मोरनी वन मण्डल, पिंजौर

वन परिसर पिंजौर, दूरभाष/फैक्स नं० 01733-230537

फैलिंग परमिट नं०

निम्नलिखित भू-स्वामियों को उनकी अपनी मलकीयत भूमि में खड़े निम्न अंकित वृक्षों को काटने की अनुमति प्रदान की जाती है:-

मालिक का नाम	गांव का नाम	प्रजाति	V	IV	III	II-A	II-B	I-A	I-B	कुल	वायुम	खसरा नं०/खाला नं०
कैथना विल्डर्स एंड कन्स्ट्रक्शन प्रा० लि० द्वारा प्राधिकृत श्री मनप्रीत सिंह पुत्र श्री मनमोहन सिंह, मकान नं० 89बी, अम्बेडकर मॉडल, हाउस, लुधियाना, पंजाब।	भगवानपुर	खैर	33	7	0	0	0	0	0	40	10.92	गांव भगवानपुर, हबदस्ता नं० 193, खसरा नं० 257 तादादी, 60-10 वा खसरा नं० 357/1/2 तादादी 14-18
		शीशम	1	0	0	0	0	0	0	1	0.14	
		विविध	8	4	1	0	0	0	1	14	8.07	
		कुल	42	11	1	0	0	0	1	55	19.13	

खैर/शीशम/विविध प्रकार के वृक्षों को काटने की स्वीकृति निम्नलिखित शर्तों पर दी जाती है:-

फैलिंग परमिट में वृक्षों को काटने की अनुमति दिनांक 10.01.2022 से दिनांक 25.01.2022 तक जारी रहेगी तथा वृक्षों की निकासी की मियाद दिनांक 25.01.2022 तक जारी रहेगी। वृक्षों की कटाई सुबह 9:00 से 5:00 बजे तक रहेगी।

1. प्राथी कैथना विल्डर्स एंड कन्स्ट्रक्शन प्रा० लि० द्वारा प्राधिकृत श्री मनप्रीत सिंह पुत्र श्री मनमोहन सिंह, मकान नं० 89बी, अम्बेडकर मॉडल, हाउस, लुधियाना, पंजाब द्वारा मैनेजर, दी पंचकूला सैटल कोऑपरेटिव बैंक लिमिटेड, ब्रांच सैक्टर-2, पंचकूला एफ०डी०आर० नं० 027292 दिनांक 06.01.2022 द्वारा 19950/- रु० की राशि जमा करवाई जा चुकी है। यह प्रतिभूति परमिट की मियाद खत्म होने के बाद अगर जब्त नहीं हुई तो वापिस कर दी जाएगी। यदि परमिट की किसी शर्त की उल्लंघना की गई या कोई नाजायज कटाई हुई या कोई धनराशि सरकार की बकाया हुई तो वन मण्डल अधिकारी मोरनी को पूर्ण हक है कि वह इस प्रतिभूति का कुछ हिस्सा या सारी प्रतिभूति सरकार के पक्ष में जब्त कर सकते हैं।
2. केवल उक्त सूचि के अनुसार मार्क किए गये वृक्ष ही काटे जायें और कोई भी बिना मार्क किया हुआ वृक्ष नहीं काटा जाएगा।
3. वन मण्डल अधिकारी मोरनी-पिंजौर एवं वन राजिक अधिकारी यदि अनुभव करते हैं कि उक्त वृक्षों की कटाई नियमों तथा शर्तों के अनुसार नहीं हो रही है, तो यह परमिट तुरन्त रद्द किया जा सकता है। इसके रद्द करने के परिणाम स्वरूप भू-स्वामियों को यदि किसी प्रकार की हानि होगी तो वन विभाग/सरकार उसके लिए कोई मुआवजा नहीं देगी।
4. यदि मालिक मार्क किए गये वृक्षों के अतिरिक्त और कोई अन्य वृक्ष काटता है तो प्राथी को दुगुना मुआवजा देना पड़ेगा।
5. वृक्ष को इस प्रकार से काटा जाए कि मुट्ठी पर लगा हथोड़े का निशान साफ दिखाई दे और किसी भी वृक्ष की जड़ पतान नहीं करेगा।
6. परमिट धारक को अपने एजेंट/मुन्शी तथा अन्य दूसरे करिन्दों की सूची वृक्ष कटाई शुरू करने से एक सप्ताह पहले सम्बन्धित वन राजिक अधिकारी के कार्यालय में देनी होगी।
7. यदि परमिट धारक तथा उसके हिस्सेदारों का आपस में कोई झगड़ा होगा तो उसको परमिट धारक तथा उसके हिस्सेदार स्वयं निपटाएँ और वन विभाग/सरकार की इसकी कोई जिम्मेवारी नहीं होगी।
8. परमिट धारक द्वारा वृक्षों की कटाई आरम्भ करने से पूर्व सम्बन्धित वन रक्षक/वन दरोगा/उप वन राजिक/वन राजिक अधिकारी को सूचित करना अनिवार्य होगा।
9. यह परमिट भूमि परिरक्षण अधिनियम 1900 की धारा 4 तथा 5 के तहत भूमि संरक्षण के उद्देश्यों को ध्यान में रखते हुए जारी किया जाता है। यदि परमिट धारक का किसी अन्य जिम्मेदार से भूमि विवाद हुआ तो उस स्थिति में परमिट रद्द समझा जाये। परमिट धारक को कोई मुआवजा राशि देय नहीं होगी।
10. सरकारी जंगल से निकासी का कोई रास्ता ना बनाया जाये।
11. उपरोक्त हिदायतों या किसी भी अन्य वन अधिनियम के उल्लंघन पर परमिट तुरन्त ही रद्द कर दिया जायेगा।
12. वन रक्षक/वन दरोगा/उप वन राजिक वन राजिक अधिकारी के द्वारा मौके का निरीक्षण करने उपरान्त प्राथी को उसकी मलकीयत भूमि में जिसकी नकल जमाबन्दी प्राथी द्वारा शपथ पत्र में अंकित खसरा नं० की लगाई है, में खैर/शीशम/विविध प्रकार के 55 पेड़ जो सूखे/मैच्योर तथा कटवाने योग्य हैं उनको नियमानुसार कटवाने हेतु वर्ष 2021-22 में खुले गांव का परमिट जारी किया जाता है। जमाबन्दी, जो प्राथी द्वारा गई दी गई, अनुसार सभी अन्य भू-भाग मालिकों से एन०ओ०सी० प्राप्त करके सम्बन्धित वन रक्षक/वन दरोगा/उप वन राजिक/वन राजिक अधिकारी को दिखायेगा।
13. जमाबन्दी में प्राथी के अलावा अन्य भू-मालिकों का हिस्सा ना दिखाया गया हो तो भू-राजस्व रिकार्ड भी पेड़ों की कटाई से पहले दस्तुन कर लें।
14. प्राथी काटे गये पेड़ों से दुगुने पेड़ लगायेगा यदि ऐसा नहीं किया गया तो व्याना राशि सरकार के हक में जब्त समझी जाये।
15. काटे गये मुड्डियों पर भी नं० अंकित करेगा।
16. काटे गये पेड़ों के टुकड़ों को वन राजिक अधिकारी से हेमर लगावाने उपरान्त ही मौके से खाना चलान लेकर उठायेगा। खाना चालान शाम 4:00 बजे के बाद जारी नहीं होगा।
17. आदेशों की पालना ना करने पर परमिट को रद्द समझा जायेगा तथा काटे गये पेड़ों के लिए प्राथी के खिलाफ Indian Forest Act 1927 के तहत अवैध कटान से सम्बन्धित दिखे गये प्रावधानों के तहत कार्यवाही की जायेगी।

वन मण्डल अधिकारी  
मोरनी, पिंजौर।

पृ०क०:- 10/4/22-49

दिनांक:- 10-01-22

एक प्रति निम्न को:-

1. वन राजिक अधिकारी, पिंजौर को उनके पत्र क्रमांक 564 दिनांक 28.12.2021 के सन्दर्भ में भेजे हुए निर्देश दिये जाते हैं कि आप स्वयं सम्बन्धित वन दरोगा/वन रक्षक को मौके पर जाकर सुनिश्चित करें तथा मौके पर भू-स्वामियों द्वारा स्वीकृति अनुसार ही पेड़ काटे जाये व परमिट से सम्बन्धित सभी Term & Conditions की शर्त प्रतिशत पालना की जाये। यदि मौके पर अनियमितता पाई जाती है तो उसके लिए आप तथा सम्बन्धित वन दरोगा व वन रक्षक जिम्मेवार होंगे। अगर प्राथी उपर अंकित 1 से 17 शर्तें मानता हो तो ही कटाई करने दी जाये।
2. प्राथी श्री मनप्रीत सिंह पुत्र श्री मनमोहन सिंह, मकान नं० 89बी, अम्बेडकर मॉडल, हाउस, लुधियाना, पंजाब को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

वन मण्डल अधिकारी  
मोरनी, पिंजौर।



श्रीमान जी,

प्रार्थियों ने जो हस्ताक्षर / अंगूठा निशान प्रार्थना पत्र पर लगाये हुए हैं उन्हें मैंने सत्यापित कर लिया है। सभी प्रार्थियों के हस्ताक्षर व अंगूठा निशान सही हैं। प्रार्थी की मलकियत भूमि में केवल निम्नलिखित वृक्ष खड़े हैं।

S.No.	Species	U/S	V	IV	III	II-A	II-B	I-A	I-B	Total	Vol.
1.	2.8	38	33	7	-	-	-	-	-	106	
2.	11	10	2	-	-	-	-	-	-	23	
	2.9	18	8	4	-	-	-	-	1	60	
	Total	68	66	43	11	-	-	-	1	189	

प्रार्थी उनमें से निम्नलिखित वृक्ष कटवाना चाहते हैं जो कि नियमानुसार कटवाये जाने हैं।

S.No.	Species	U/S	V	IV	III	II-A	II-B	I-A	I-B	Total	Vol.
1.	-	-	-	33	7	-	-	-	-	40	10.12
2.	-	-	-	8	4	1	-	-	1	14	8.02
	Total									55	19.13

इन वृक्षों के कटने उपरांत मौका पर 134 वृक्ष खड़े रह जाएंगे। गांव कटाई के लिए बन्द है। प्रार्थी द्वारा उपरोक्त 55 वृक्ष विविध वृक्ष कटाने की अनुमति देने की अनुकम्पा करें।

Ravinder Kumar  
(हस्ताक्षर वन रक्षक)  
(बीट इन्चार्ज)

प्रार्थी जिन वृक्षों को काटना चाहता है उनका मैंने स्वयं मौका देख लिया है। वन रक्षक द्वारा की गई रिपोर्ट ठीक है, मैं इस रिपोर्ट से सहमत हूँ।

Pankaj Singh (for)  
(ब्लॉक ऑफिसर)

मैं, वन रक्षक व वन दरोगा की रिपोर्ट से सहमत हूँ।

वन राजिक अधिकारी,  
पिंजौर





# Vardan Envirolab LLP

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



## Test Report

Page No. 1/2

Sample Number : VEL/AP/01

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280017

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : AMBIENT AIR

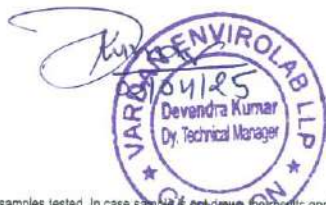
Sample Group : Atmospheric Pollution

### General Information

Sampling Location : Near Main Gate  
Sample Collected By : VEL Representative (Mr. Ravi)  
Sampling Equipment used : RDS/FPS  
Instrument Code : VEL/INS/RDS/FPS/02  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/03/2025 To 27/03/2025  
Time of Monitoring : 10:00 AM to 10:00 AM  
Ambient Temperature (°C) : Min.23°C, Max.33°C  
Surrounding Activity : Human & Vehicular Activities  
Scope of Monitoring : Regulatory Requirement  
Sampling & Analysis Protocol : IS : 5182  
Sampling Duration : 24.0 Hours  
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
<b>Discipline : Chemical</b>					
1	Particulate Matter (as PM -10)	IS:5182 (P-23) : 2006 RA :2017	85.12	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24) :2019	46.21	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6) :2006 RA:2022	28.64	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2 ) : RA:2023	18.54	µg/m³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.84	mg/m³	4.0
6	Benzene (as C6H6)	IS:5152 (Part-11)	BLQ(LOQ - 0.5)	µg/m³	5.0
7	Ammonia (as NH3)	VEL/EN/STP/155, Issue No.-01, Issue Date 01/11/2023	24.10	µg/m³	400.0
8	#Ozone (as O3)	IS:5182 (P-9)	18.24	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ - 0.1)	µg/m³	1.0
10	Arsenic (as As)	VEL/EN/STP/110, Issue No.1, Issue date 01/11/2023	BLQ(LOQ - 0.1)	ng/m³	6.0
11	Nickel (as Ni)	IS:5182 (P-26)	BLQ(LOQ - 5.0)	ng/m³	20.0

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## Test Report

Page No. 2/2

Sample Number : VEL/AP/01

Report No. : VEL/AP/2503280017

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
12	Benzo (alpha) Pyrene	VEL/EN/STP/157 Issue No.1, Issue date 01/11/2023	BLQ(LOQ - 0.5)	ng/m <sup>3</sup>	1.0

Note - # indicates 1 hour monitoring of CO & Ozone.

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

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## Test Report

Page No. 1/2

Sample Number : VEL/AP/02

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village

Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280018

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : AMBIENT AIR

Sample Group : Atmospheric Pollution

### General Information

Sampling Location	: Center of the Project
Sample Collected By	: VEL Representative (Mr. Ravi)
Sampling Equipment used	: RDS/FPS
Instrument Code	: VEL/INS/RDS/FPS/03
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 26/03/2025 To 27/03/2025
Time of Monitoring	: 10:30 AM to 10:30 AM
Ambient Temperature (°C)	: Min.23°C, Max.33°C
Surrounding Activity	: Human & Vehicular Activities
Scope of Monitoring	: Regulatory Requirement
Sampling & Analysis Protocol	: IS : 5182
Sampling Duration	: 24.0 Hours
Parameter Required	: As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23) : 2006 RA :2017	88.24	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24) :2019	47.31	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6) :2006 RA:2022	27.52	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : RA:2023	19.45	µg/m³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.76	mg/m³	4.0
6	Benzene (as C6H6)	IS:5152 (Part-11)	BLQ(LOQ - 0.5)	µg/m³	5.0
7	Ammonia (as NH3)	VEL/EN/STP/155, Issue No.-01, Issue Date 01/11/2023	25.10	µg/m³	400.0
8	#Ozone (as O3)	IS:5182 (P-9)	19.67	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ - 0.1)	µg/m³	1.0
10	Arsenic (as As)	VEL/EN/STP/110, Issue No.1, Issue date 01/11/2023	BLQ(LOQ - 0.1)	ng/m³	6.0
11	Nickel (as Ni)	IS:5182 (P-26)	BLQ(LOQ - 5.0)	ng/m³	20.0

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## Test Report

Page No. 2/2

Sample Number : VEL/AP/02

Report No. : VEL/AP/2503280018

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
12	Benzo (alpha) Pyrene	VEL/EN/STP/157 Issue No.1, Issue date 01/11/2023	BLQ(LOQ - 0.5)	ng/m <sup>3</sup>	1.0

Note - # indicates 1 hour monitoring of CO & Ozone.

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

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## Test Report

Page No. 1/2

Sample Number : VEL/AP/03

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280019

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : AMBIENT AIR

Sample Group : Atmospheric Pollution

### General Information

Sampling Location : Back Side of the Project  
Sample Collected By : VEL Representative (Mr. Ravi)  
Sampling Equipment used : RDS/FPS  
Instrument Code : VEL/INS/RDS/FPS/04  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/03/2025 To 27/03/2025  
Time of Monitoring : 10:45 AM to 10:45 AM  
Ambient Temperature (°C) : Min.23°C, Max.33°C  
Surrounding Activity : Human & Vehicular Activities  
Scope of Monitoring : Regulatory Requirement  
Sampling & Analysis Protocol : IS : 5182  
Sampling Duration : 24.0 Hours  
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23) : 2006 RA :2017	83.45	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24) :2019	48.20	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6) :2006 RA:2022	26.54	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2 ) : RA:2023	19.37	µg/m³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.76	mg/m³	4.0
6	Benzene (as C6H6)	IS:5152 (Part-11)	BLQ(LOQ - 0.5)	µg/m³	5.0
7	Ammonia (as NH3)	VEL/EN/STP/155, Issue No.-01, Issue Date 01/11/2023	23.10	µg/m³	400.0
8	#Ozone (as O3)	IS:5182 (P-9)	16.27	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ - 0.1)	µg/m³	1.0
10	Arsenic (as As)	VEL/EN/STP/110, Issue No.1, Issue date 01/11/2023	BLQ(LOQ - 0.1)	ng/m³	6.0
11	Nickel (as Ni)	IS:5182 (P-26)	BLQ(LOQ - 5.0)	ng/m³	20.0

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## Test Report

Page No. 2/2

Sample Number : VEL/AP/03

Report No. : VEL/AP/2503280019

S.No.	Parameters	Test Method	Results	Units	Limit as per NAAQS
12	Benzo (alpha) Pyrene	VEL/EN/STP/157 Issue No.1, Issue date 01/11/2023	BLQ(LOQ - 0.5)	ng/m <sup>3</sup>	1.0

Note - # indicates 1 hour monitoring of CO & Ozone.

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

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## Test Report

Page No. 1/1

Sample Number : VEL/AP/04

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village

Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,

District Panchkula, Haryana

Report No. : VEL/AP/2503280020

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : AMBIENT NOISE

Sample Group : Atmospheric Pollution

### General Information

Sampling Location

: Near Main Gate

Sample Collected By

: VEL Representative (Mr. Ravi)

Sampling Equipment used

: Sound Level Meter

Instrument Code

: VEL/INS/ENV/SLM/01

Instrument Calibration Status

: Calibrated

Meteorological condition during monitoring

: Clear Sky

Date of Monitoring

: 26/03/2025 To 27/03/2025

Time of Monitoring

: 11:00 AM to 11:00 AM

Ambient Temperature (°C)

: Min.23°C, Max.33°C

Surrounding Activity

: Human & Vehicular Activities

Scope of Monitoring

: Regulatory Requirement

Sampling & Analysis Protocol

: IS:9989 RA:2020

Sampling Duration

: 24.0 Hours

Parameter Required

: As Per Work Order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	IS:9989 RA:2020	62.20	50.29	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

Page No. 1/1

Sample Number : VEL/AP/05

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280021

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : AMBIENT NOISE

Sample Group : Atmospheric Pollution

### General Information

Sampling Location : Center of the Project  
Sample Collected By : VEL Representative (Mr. Ravi)  
Sampling Equipment used : Sound Level Meter  
Instrument Code : VEL/INS/ENV/SLM/02  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/03/2025 To 27/03/2025  
Time of Monitoring : 11:20 AM to 11:20 AM  
Ambient Temperature (°C) : Min.23°C, Max.33°C  
Surrounding Activity : Human & Vehicular Activities  
Scope of Monitoring : Regulatory Requirement  
Sampling & Analysis Protocol : IS:9989 RA:2020  
Sampling Duration : 24.0 Hours  
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	IS:9989 RA:2020	57.31	42.61	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

Page No. 1/1

Sample Number : VEL/AP/06

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village

Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,

District Panchkula, Haryana

Report No. : VEL/AP/2503280022

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : AMBIENT NOISE

Sample Group : Atmospheric Pollution

### General Information

Sampling Location

: Back Side of the Project

Sample Collected By

: VEL Representative (Mr. Ravi)

Sampling Equipment used

: Sound Level Meter

Instrument Code

: VEL/INS/ENV/SLM/03

Instrument Calibration Status

: Calibrated

Meteorological condition during monitoring

: Clear Sky

Date of Monitoring

: 26/03/2025 To 27/03/2025

Time of Monitoring

: 11:45 AM to 11:45 AM

Ambient Temperature (°C)

: Min.23°C, Max.33°C

Surrounding Activity

: Human & Vehicular Activities

Scope of Monitoring

: Regulatory Requirement

Sampling & Analysis Protocol

: IS:9989 RA:2020

Sampling Duration

: 24.0 Hours

Parameter Required

: As Per Work Order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
Discipline : Chemical					
1	Leq	IS:9989 RA:2020	50.71	40.36	dB (A)

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

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

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

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

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

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## Test Report

Page No. 1/1

Sample Number : VEL/AP/07

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280023

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : Stack Emission Monitoring

Sample Group : Atmospheric Pollution

### General Information

Sampling Location : DG Set Area  
Sample Collected By : VEL Representative (Mr. Ravi)  
Date of Sampling : 26/03/2025  
Sampling duration (Minutes) : 40.0  
Stack attached to : DG Set No.1 (125 KVA)  
Make of stack : MS  
Type of Fuel Used : HSD  
Diameter of stack(m) : 0.15 Mtr.  
Height of stack(m) : 2.74 Mtr.  
Instrument calibration status : Calibrated  
Meteorological Condition : Clear Sky  
Ambient Temperature - Ta (°C) : 32.0  
Temperature of Stack Gases - Ts (°C) : 170.0  
Velocity of Stack Gases (m/sec.) : 8.75  
Flow rate of PM (LPM) : 42.0  
Flow rate of Gas (LPM) : 2.0  
Sampling condition : Isokinetic  
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM)	IS 11255 (P-1) :2019	0.017	g/kw-hr	0.02
2	Oxide of Nitrogen (as NOx)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.254	g/kw-hr	0.40
3	Total Hydrocarbon (as HC)	VEL/EN/STP/137, Issue No.-01, Issue date 01/11/2023	0.076	g/kw-hr	0.19
4	Carbon Monoxide (as CO)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.352	g/kw-hr	3.5

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## Test Report

Page No. 1/1

Sample Number : VEL/AP/08

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280024

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : Stack Emission Monitoring

Sample Group : Atmospheric Pollution

### General Information

Sampling Location : DG Set Area  
Sample Collected By : VEL Representative (Mr. Ravi)  
Date of Sampling : 26/03/2025  
Sampling duration (Minutes) : 41.0  
Stack attached to : DG Set No.2 (125 KVA)  
Make of stack : MS  
Type of Fuel Used : HSD  
Diameter of stack(m) : 0.15 Mtr.  
Height of stack(m) : 2.74 Mtr.  
Instrument calibration status : Calibrated  
Meteorological Condition : Clear Sky  
Ambient Temperature - Ta (°C) : 32.0  
Temperature of Stack Gases - Ts (°C) : 185.0  
Velocity of Stack Gases (m/sec.) : 7.65  
Flow rate of PM (LPM) : 23.0  
Flow rate of Gas (LPM) : 2.0  
Sampling condition : Isokinetic  
Protocol used : IS 11255 & EPA

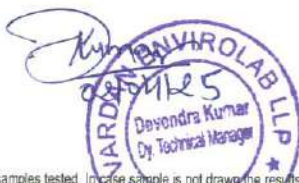
S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM)	IS 11255 (P-1) :2019	0.019	g/kw-hr	0.02
2	Oxide of Nitrogen (as NOx)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.275	g/kw-hr	0.40
3	Total Hydrocarbon (as HC)	VEL/EN/STP/137, Issue No.-01, Issue date 01/11/2023	0.082	g/kw-hr	0.19
4	Carbon Monoxide (as CO)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.345	g/kw-hr	3.5

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## Test Report

Page No. 1/1

Sample Number : VEL/AP/09

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280025

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : Stack Emission Monitoring

Sample Group : Atmospheric Pollution

### General Information

Sampling Location : DG Set Area  
Sample Collected By : VEL Representative (Mr. Ravi)  
Date of Sampling : 26/03/2025  
Sampling duration (Minutes) : 40.0  
Stack attached to : DG Set No.3 (125 KVA)  
Make of stack : MS  
Type of Fuel Used : HSD  
Diameter of stack(m) : 0.15 Mtr.  
Height of stack(m) : 2.74 Mtr.  
Instrument calibration status : Calibrated  
Meteorological Condition : Clear Sky  
Ambient Temperature - Ta (°C) : 32.0  
Temperature of Stack Gases - Ts (°C) : 152.0  
Velocity of Stack Gases (m/sec.) : 8.65  
Flow rate of PM (LPM) : 22.0  
Flow rate of Gas (LPM) : 2.0  
Sampling condition : Isokinetic  
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM)	IS 11255 (P-1) :2019	0.016	g/kw-hr	0.02
2	Oxide of Nitrogen (as NOx)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.280	g/kw-hr	0.40
3	Total Hydrocarbon (as HC)	VEL/EN/STP/137, Issue No.-01, Issue date 01/11/2023	0.065	g/kw-hr	0.19
4	Carbon Monoxide (as CO)	VEL/EN/STP/146, Issue No.-01, Issue date 01/11/2023	0.362	g/kw-hr	3.5

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## Test Report

Page No. 1/1

Sample Number : VEL/AP/10

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280026

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : DG Noise

Sample Group : Atmospheric Pollution

### General Information

Sampling Location : DG Set No.1 (125 KVA)

Sample Collected By : VEL Representative (Mr. Ravi)

Sampling Equipment used : Sound Level Meter

Instrument Code : VEL/INS/ENV/SLM/04

Instrument Calibration Status : Calibrated

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 26/03/2025

Scope of Monitoring : Regulatory Requirement

Sampling & Analysis Protocol : IS 4758

Sampling duration (Minutes) : 30.0

Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close the canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
Discipline : Chemical					
1	Leq	IS: 4758	95.6	70.3	25.3
2	CPCB Limit in Leq dB (A)	--	--	75.0 (Max.)	25.0 (Min.)

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## Test Report

Page No. 1/1

Sample Number : VEL/AP/11

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280027

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : DG Noise

Sample Group : Atmospheric Pollution

### General Information

Sampling Location : DG Set No.2 (125 KVA)  
Sample Collected By : VEL Representative (Mr. Ravi)  
Sampling Equipment used : Sound Level Meter  
Instrument Code : VEL/INS/ENV/SLM/04  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/03/2025  
Scope of Monitoring : Regulatory Requirement  
Sampling & Analysis Protocol : IS 4758  
Sampling duration (Minutes) : 30.0  
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close the canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
Discipline : Chemical					
1	Leq	IS: 4758	96.5	71.7	25.4
2	CPCB Limit in Leq dB (A)	--	--	75.0 (Max.)	25.0 (Min.)

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ISO 9001 | ISO 14001 | ISO 45001



## Test Report

Page No. 1/1

Sample Number : VEL/AP/12

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/AP/2503280028

Format No : 7.8 F-03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Name of Sample : DG Noise

Sample Group : Atmospheric Pollution

### General Information

Sampling Location : DG Set No.3 (125 KVA)

Sample Collected By : VEL Representative (Mr. Ravi)

Sampling Equipment used : Sound Level Meter

Instrument Code : VEL/INS/ENV/SLM/04

Instrument Calibration Status : Calibrated

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 26/03/2025

Scope of Monitoring : Regulatory Requirement

Sampling & Analysis Protocol : IS 4758

Sampling duration (Minutes) : 30.0

Parameter Required : As Per Work Order

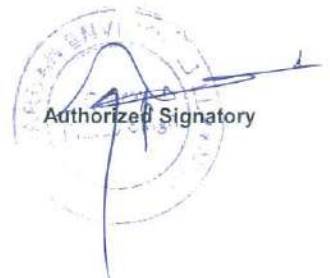
S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close the canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
Discipline : Chemical					
1	Leq	IS: 4758	97.4	71.1	26.3
2	CPCB Limit in Leq dB (A)	--	--	75.0 (Max.)	25.0 (Min.)

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## Test Report

Page No. 1/2

Sample Number : VEL/PE/01

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited.  
"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Name of Sample : SOIL  
Sample Group : Pollution & Environment  
Location : Project Site  
Sample Collected By : VEL Representative (Mr. Ravi)  
Environmental Condition : 25±2°C  
Parameter Required : As Per Work Order  
Sampling and Analysis Protocol : IS:2720 & STP

Report No. : VEL/PE/2503280001  
Format No : 7.8 F-03  
Party Reference No : Nil  
Reporting Date : 02/04/2025  
Period of Analysis : 28/03/2025-02/04/2025  
Receipt Date : 28/03/2025  
Sampling Date : 26/03/2025  
Sampling Quantity : 2.0 Kg  
Sampling Type : Composite  
Packing Status : Temp. Sealed

S.No.	Parameters	Test Method	Results	Units
Discipline : Chemical				
1	pH (at 25°C)	IS : 2720 (P-26)	7.68	--
2	Electrical Conductivity	IS :14767	0.352	mS/cm
3	Colour	VEL/EN/STP/67, Issue No.- 01, Issue date 01/11/2023	Yellowish Brown	--
4	Water holding capacity	VEL/EN/STP/86, Issue No.- 01, Issue date 01/11/2023	35.12	%
5	Bulk density	VEL/EN/STP/59, Issue No.- 01, Issue date 01/11/2023	1.56	gm/cc
6	Chloride (as Cl)	VEL/EN/STP/69, Issue No.- 01, Issue date 01/11/2023	152.10	mg/kg
7	Calcium (as Ca)	VEL/EN/STP/72, Issue No.- 01, Issue date 01/11/2023	135.26	mg/kg
8	Sodium (as Na)	VEL/EN/STP/62, Issue No.- 01, Issue date 01/11/2023	112.10	mg/kg
9	Potassium (as K)	VEL/EN/STP/61, Issue No.- 01, Issue date 01/11/2023	89.64	mg/kg
10	Organic Matter	IS 2720 (P-22)	0.53	%
11	Magnesium (as Mg)	VEL/EN/STP/72, Issue No.- 01, Issue date 01/11/2023	25.10	mg/kg
12	Available Nitrogen (as N)	IS:14684	210.54	kg. /hec.

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## Test Report

Page No. 2/2

Sample Number : VEL/PE/01

Report No. : VEL/PE/2503280001

S.No.	Parameters	Test Method	Results	Units
13	Available Phosphours	VEL/EN/STP/73, Issue No.- 01, Issue date 01/11/2023	28.64	kg. /hec.
14	Total Zinc (as Zn)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	13.24	mg/kg
15	Total Manganese (as Mn)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	16.24	mg/kg
16	Total Chromium (as Cr)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	1.57	mg/kg
17	Total Lead (as Pb)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	3.20	mg/kg
18	Total Cadmium (as Cd)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	BLQ(LOQ-0.5)	mg/kg
19	Total Copper (as Cu)	VEL/HW/STP/03, Issue No.- 01, Issue date 01/11/2023	5.10	mg/kg
20	Soil Texture	VEL/EN/STP/64, Issue No.- 01, Issue date 01/11/2023	Sandy Loam	--

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

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## Test Report

Page No. 1/4

Sample Number : VEL/W/01

Name & Address of the Party : M/S DLF Homes Panchkula Private Limited,

"Residential Plotted Colony Village  
Bhagwanpur, Sector-3, Pinjore Kalka Urban Complex,  
District Panchkula, Haryana

Report No. : VEL/W/2503280005

Format No : 7.8 F 03

Party Reference No : Nil

Reporting Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Sampling Date : 26/03/2025

Sampling Quantity : 5.0 Ltr. + 250 ml

Sampling Type : Grab

Name of Sample : Drinking Water

Sample Group : Water/Residues and contaminants in Water

Location : Project Site

Sample Collected by : VEL Representative (Mr. Ravi)

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 (Part 11):2022 (Using by Electrode)	7.66	--	6.5 to 8.5	No Relaxation
2	Colour,max	IS:3025 (Part-4) :2021 (Visual Comparison Method)	BLQ(LOQ-1.0)	Hazen	5	15
3	Turbidity,max	IS:3025:P-10: 2023 (Nephelometric	<1.0	NTU	1	5
4	Odour	IS:3025 Part-5: 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS 3025 (Part 8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Dissolved Solids (at 180°C ± 1°C),max	IS:3025:P-16: 2023 (Gravimetric Method)	132.00	mg/L	500	2000
7	Calcium (as Ca),max	IS:3025:Part-40: 1991 (EDTA Titrimetric Method)	14.20	mg/L	75	200
8	Alkalinity (as CaCO3)	IS:3025:Part 23:2023 (Indicator Method)	75.42	mg/L	200	600
9	Chloride (as Cl),max	IS:3025:Part-32:1988 (Argentometric Method)	18.20	mg/L	250	1000
10	Magnesium (as Mg),max	IS:3025:P-46:2023 (Volumetric method using EDTA)	4.62	mg/L	30	100
11	Total Hardness (as CaCo3),max	IS:3025:P-21:2009 (EDTA Method)	56.24	mg/L	200	600
12	Sulphate (as SO4),max	IS:3025: (Part 24/Sec-1):2022(Turbidity Method)	11.25	mg/L	200	400

Reviewed By



Authorized Signatory



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## Test Report

Page No. 2/4

Sample Number : VEL/W/01

Report No. : VEL/W/2503280005

S.No.	Test Parameters	Test Method	Results	Units	Requirement as per IS:10500-2012	
					Acceptable Limits	Permissible Limits
13	Fluoride (as F),max	APHA 4500 F-D: 24th Edition : 2023 (SPADNS Method)	0.23	mg/L	1.0	1.5
14	Nitrate (as NO <sub>3</sub> ),max	IS :3025 P-34/Sec1)2023: (Screening Method)	1.21	mg/L	45.0	No Relaxation
15	Iron (as Fe),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.01)	mg/L	1.0	No Relaxation
16	Aluminium (as Al),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.005)	mg/L	0.03	0.2
17	Boron (as B),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.01)	mg/L	0.5	2.4
18	Total Chromium (as Cr),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.002)	mg/L	0.05	No Relaxation
19	Phenolic Compounds (C <sub>6</sub> H <sub>5</sub> OH),max	Clause-6 of IS:3025 (P-43/Sec-1):2022, (With Chloroform Extraction Method)	BLQ(LOQ-0.001)	mg/L	0.001	0.002
20	Mineral Oil,max	IS 3025 (Part 39),Infrared Spectroscopic Method	BLQ(LOQ-0.5)	mg/L	1.0	No Relaxation
21	Anionic Detergents (as MBAS),max	IS:3025:P-68:2019 (Methylene Blue Method)	BLQ(LOQ-0.005)	mg/L	0.2	1.0
22	Zinc (as Zn),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.001)	mg/L	5.0	15.0
23	Copper (as Cu),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.002)	mg/L	0.05	1.5
24	Manganese (as Mn),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.001)	mg/L	0.1	0.3
25	Selenium (as Se),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.001)	mg/L	0.01	No Relaxation
26	Cadmium (as Cd),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.002)	mg/L	0.003	No Relaxation
27	Lead (as Pb),max	VEL/W/STP/03, Issue No. - 01,Issue date-01/11/2023:2023	BLQ(LOQ-0.002)	mg/L	0.01	No Relaxation
28	Cyanide (as CN),max	IS 3025 (P-27/Sec1) :2021(Pyridine Barbituric Acid Method)	BLQ(LOQ-0.002)	mg/L	0.05	No Relaxation

Reviewed By



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## Test Report

Page No. 3/4

Sample Number : VEL/W/01

Report No. : VEL/W/2503280005

S.No.	Test Parameters	Test Method	Results	Units	Requirement as per IS:10500-2012	
					Acceptable Limits	Permissible Limits
29	Arsenic (as As),max	VEL/W/STP/03, Issue No. - 01, Issue date-01/11/2023:2023	BLQ(LOQ-0.005)	mg/L	0.01	No Relaxation
30	Mercury (as Hg),max	VEL/W/STP/03, Issue No. - 01, Issue date-01/11/2023:2023	BLQ(LOQ-0.005)	mg/L	0.001	No Relaxation

Reviewed By   
  
Technical Manager

  
Authorized Signatory

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## Test Report

Page No. 4/4

Sample Number : VEL/W/01

Report No. : VEL/W/2503280005

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	--

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

\*\*\*End of Report\*\*\*

NITIN KUMAR  
Sr. Microbiologist  
@iHn  
02/04/25

Reviewed By

Authorized Signatory

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**MUNICIPAL CORPORATION CHANDIGARH**  
**C&D WASTE PROCESSING PLANT.**  
INDUSTRIAL AREA ,PHASE-1,CHANDIGARH.

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SERIAL NO.:	022086	VEH. NO. :	CH01TB7825	VEH. TYPE :	P
CHARGE 1ST:	0/-	MATERIAL :	C&D WASTED	PARTY REF.:	AMERABATI DLF

GROSS WEIGHT :	3920 Kg	25/03/23,11:38
TARE WEIGHT :	2155 Kg	25/03/23,12:02
NET WEIGHT :	1765 Kg	

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THANKS TO SAVE ENVIRONMENT





Shot on OnePlus  
By Sumitpuwar





## Environment Policy

Feb 2025

DLF recognizes the importance of protecting the environment through adopting appropriate mitigating and control measures, during Construction, Operations and Maintenance of its projects/ assets.

We will ensure adequate controls and processes to safeguard the environment in accordance with the relevant regulations/ standards/ guidelines.

We are committed to:

- Compliance of environmental legislation and regulation stipulated by statutory bodies from time to time.
- Maintain transparency in matters of Environmental compliance.
- Creating the required awareness on Environmental requirements and statutory norms with the aim of increasing environmental stewardship amongst employees, public, and other stake holders.
- Conducting our activities in an environmentally responsible manner that fosters sustainability.
- Minimizing the negative impact of our operations on the environment by improving the efficiency of natural resources usage, waste management processes and encouraging the integration of renewable energy resources wherever possible.
- Deploying/ developing the right resources and competence to understand and implement environmental measures as per best management practices applicable to the industry.
- Working for continual improvement of our environmental performance through focused objectives, performance targets and certifications as required.
- Reviewing this policy at regular intervals.

A handwritten signature in black ink, appearing to read 'P. Ramakrishnan'.

P. Ramakrishnan

Chief Technical Officer, DLF LTD



## पर्यावरण नीति

फरवरी 2025

डीएलएफ अपनी परियोजनाओं/ संपत्तियों के निर्माण, संचालन और रखरखाव के दौरान उपयुक्त न्यूनीकरण और नियंत्रण उपायों को अपनाकर पर्यावरण की रक्षा करने के महत्व को पहचानता है। हम संबंधित विनियमों/ मानकों/ दिशानिर्देशों के अनुसार पर्यावरण की सुरक्षा के लिए पर्याप्त नियंत्रण और प्रक्रियाएं सुनिश्चित करेंगे।

हम इसके लिए प्रतिबद्ध हैं:

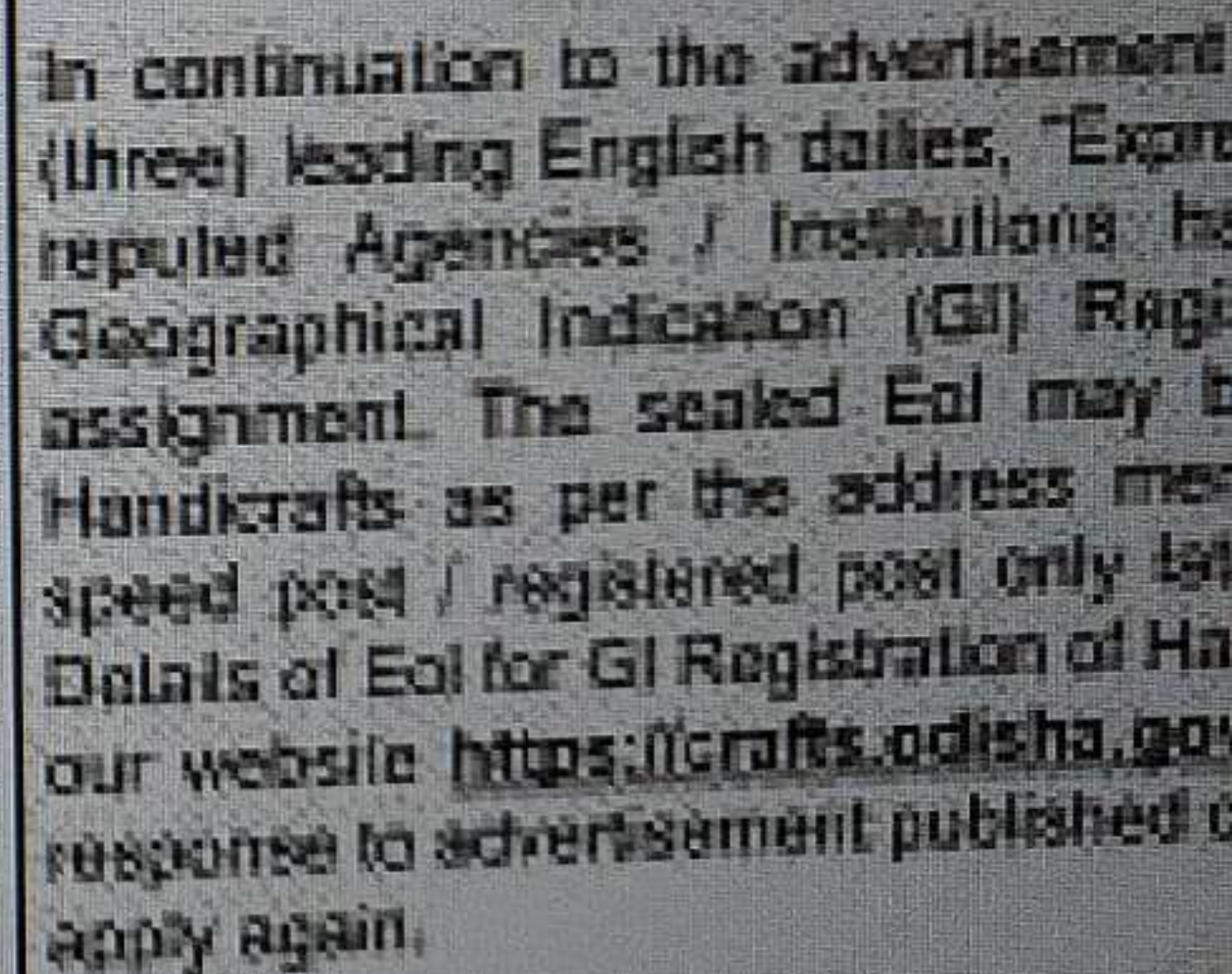
- समय-समय पर वैधानिक निकायों द्वारा निर्धारित पर्यावरणीय कानून और विनियमन का अनुपालन।
- पर्यावरण अनुपालन के मामलों में पारदर्शिता बनाए रखना।
- कर्मचारियों, जनता और अन्य हितधारकों के बीच पर्यावरणीय नेतृत्व बढ़ाने के उद्देश्य से पर्यावरणीय आवश्यकताओं और वैधानिक मानदंडों पर आवश्यक जागरूकता करना।
- हमारी गतिविधियों को पर्यावरणीय रूप से जिम्मेदार तरीके से संचालित करना जो निरंतरता को बढ़ावा देता है।
- प्राकृतिक संसाधनों, अपशिष्ट प्रबंधन प्रक्रियाओं के उपयोग की दक्षता में सुधार करके और जहां भी संभव हो नवीकरणीय ऊर्जा संसाधनों के एकीकरण को प्रोत्साहित करके पर्यावरण पर हमारे संचालन के नकारात्मक प्रभाव को कम करना।
- उद्योग पर लागू सर्वोत्तम प्रबंधन प्रथाओं के अनुसार पर्यावरणीय उपायों को समझने और कार्यान्वित करने के लिए सही संसाधनों और क्षमता को तैनात/ विकसित करना।
- केंद्रित उद्देश्यों, प्रदर्शन लक्ष्यों और आवश्यकतानुसार प्रमाणपत्रों के माध्यम से हमारे पर्यावरणीय प्रदर्शन के निरंतर सुधार के लिए काम करना।
- नियमित अंतराल पर इस नीति की समीक्षा करना।

पी. रामकृष्णन

चीफ टेक्निकल ऑफिसर, डीएलएफ लिमिटेड



Authorized Signatory  
For DLF Home Panchkula Pvt. Ltd.,  
Bhagwanpura, Surajpur, Panchkula,  
Haryana - 133301





## सार्वजनिक सूचना

आम जनता को एतद्वारा सूचित किया जाता है कि राज्य पर्यावरण प्रभाव मूल्यांकन प्राधिकरण (एसईआईए), हरियाणा, बे नं. 55-58, पर्यटन भवन, सेक्टर-2, पंचकुला, हरियाणा ने अपनी पर्यावरणीय स्वीकृति पहचान संख्या ईसी22बी039एचआर139137 दिनांक 19/09/2022 के तहत पर्यावरण (संरक्षा) अधिनियम, 1986 के अधीन ईआईए अधिसूचना, 2006 के प्रावधानों के अनुरूप ग्राम भगवानपुर, सेक्टर 3, पिंजौर कालका शहरी परिसर, जिला पंचकुला, हरियाणा की राजस्व संपत्ति में 34.229 एकड़ भूमि क्षेत्र में "प्रस्तावित आवासीय प्लॉट कॉलोनी" मैसर्स डीएलएफ होम्स पंचकुला प्राइवेट लिमिटेड द्वारा विकसित की जा रही है। आम जनता को आगे सूचित किया जाता है कि उपर्युक्त पर्यावरणीय स्वीकृति पत्र पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय/एसईआईए, हरियाणा की वेबसाइट: (<http://www.environmentclearance.nic.in>) प्रदर्शित किया गया है। यह सार्वजनिक सूचना ऊपर वर्णित पर्यावरणीय स्वीकृति पत्र की विविध शर्त सं. X(i) के अनुपालन में जारी की गई है।

स्थान-चंडीगढ़  
दिनांक: 22.09.2022

अधिकृत हस्ताक्षरी  
कृते डीएलएफ होम पंचकुला प्राइवेट लिमिटेड  
भगवानपुरा, सूरजपुर, पंचकुला,  
हरियाणा, 133301.



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड

Nuclear Power Corporation of India Limited