

**DLF Homes Panchkula Pvt. Ltd.**

SCO - 190,191,192, Sector- 8-C,  
Chandigarh - 160009  
Phone - 0172-4607750, 4920000  
Website: www.dlf.in  
CIN No.U45400HR2007PTC038443



Date: 08-05-2019

To

**The Joint Director**  
Ministry of Environment, Forest & Climate Change,  
Regional Office (North)  
Government of India,  
Bay No. 24-25, Sector - 31 A,  
Chandigarh.

**Subject: Submission of Six Monthly Compliance Report for period ending 31.03.2019  
for the project namely "DLF Garden City" located at Bhagwanpur, Pinjore,  
Distt. Panchkula, Haryana by M/s. DLF Homes Panchkula Pvt. Ltd.**

Sir,

With reference to the EIA Notification & its amendments regarding submission of six monthly compliance report. We are hereby submitting the six monthly compliance report for period ending 31.03.2019 for the above said project in soft copy in compact disk (CD) of the compliance report for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you.

Sincerely,

**For M/s. DLF Homes Panchkula Pvt. Ltd.**

A handwritten signature in blue ink, appearing to read 'Manpreet Singh', written over a horizontal line.

(Authorized Signatories)

Name- Manpreet Singh  
Contact No.- 9988001070  
Designation- Sr. Manager  
Email- wahi-manpreet@dlf.in

CC to: 1) **Member Secretary**, SEIAA Haryana, Bay No.- 55-58, Paryatan Bhawan, 1<sup>st</sup> Floor,  
Sector-2, Panchkula, Haryana-134109.

2) **The Chairman**, HSPCB, C-11, Sector-6, Panchkula, Haryana-134109.

2019

# SIX MONTHLY COMPLIANCE REPORT

(Period ending 31.03.2019)

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For

**DLF GARDEN CITY  
VILLAGE ISLAM NAGAR, KALKA PINJORE  
URBAN COMPLEX, SECTOR-3,  
PANCHKULA, HAARYANA.**

**Project By:**

**M/s. DLF Homes Panchkula Pvt. Ltd.**

**SCO No. 190-192, Sector-8C, Chandigarh.**

**Prepared by:**

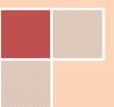


**Eco Laboratories and Consultants Private Limited**

**E-207, Industrial Area, Phase-VIIIB (Sector-74), SAS Nagar (Mohali) Punjab**

**[ems@ecoparyavaran.org](mailto:ems@ecoparyavaran.org), [www.ecoparyavaran.org](http://www.ecoparyavaran.org)**

**Phone: 0172-4616225, 8872043178**



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**Ministry of Environment, Forest & Climate Change  
Northern Regional Office,  
Chandigarh-160030**

**DATA SHEET**

1.	<b>Project Type</b>	Integrated Township Construction Project
2.	<b>Name of the Project</b>	DLF Garden City located at Village Islam Nagar, Kalka Pinjore Urban Complex, Sector-3, Panchkula.
3.	<b>Clearance letter (s)/O.M No. &amp; dates</b>	Revision and Expansion of Environment Clearance has been granted vide letter no. SEIAA/HR/2015/109 dated 05.02.2015. Copy of same is attached as <b>Annexure 1</b> .
4.	<b>Location</b>	
	<b>a) District (s)</b>	Panchkula
	<b>b) State (s)</b>	Haryana
	<b>c) Latitudes/ Longitudes</b>	30 <sup>0</sup> 45'08.66"N & 76 <sup>0</sup> 54'52.58"E
5.	<b>Address for correspondence</b>	<b>M/s. DLF Homes Panchkula Pvt. Ltd.</b> SCO No. 190-192, Sector-8C, Chandigarh.
6.	<b>Salient features</b>	
	<b>a) of the project</b>	As per the Environment Clearance, the project involves the Revision and Expansion of the project. After expansion and revision, the total plot area will be 209.603 acres and the total built up area will be 10,67,141.15 sq.m.
	<b>b) of the environmental management plans</b>	After Revision and Expansion of the project, the total water requirement will be 4,376 KLD. The fresh water requirement will be 2,917 KLD. Wastewater Generation: The total wastewater generation from the project will be 2,642 KLD which will be treated in a STP of 3,670 KLD capacity to be installed within project premises. Miscellaneous: The total quantity of solid waste generation will be 22,410.85 kg/day, which will be segregated into organic and inorganic waste. The power requirement will be 35,500 KVA.
7.	<b>Break-up of the project area</b>	
	<b>a) Submergence area: Forest and Non-forest</b>	Not applicable
	<b>b) Others</b>	Not applicable

8.	<b>Break-up of project affected population with enumeration of those losing houses/ dwelling units only, agricultural land only both dwelling units &amp; agricultural land and landless labourers/ artisans.</b>	Not applicable			
	<b>a) SC/ST/Adivasis</b>	Not applicable			
	<b>b) Others</b> <i>(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey).</i>	Not applicable			
9.	<b>Financial details:</b>				
	<b>a) Project cost as originally planned and subsequent revised estimates and the year of price reference.</b>	Estimated Project Cost is Rs. 594 Crores.			
	<b>b) Allocations made for environmental management plans with item wise and year wise break up.</b>	<b>S. No.</b>	<b>Environment Management Plan</b>	<b>Capital Investment</b>	<b>Recurring Expenditure</b>
		1.	Dust Management during construction phase as sprinkling of water	-	Rs. 5,000 per month
		2.	Provision of DG sets with acoustic enclosures	Rs. 30.8 Lacs	Rs. 50,000 per month
		3.	Provision of safe water supply to labours	-	Rs. 15,000 per month
		4.	Provision of septic tanks and other hygienic measures at labours coming site.	Rs. 4.0 lacs	Rs. 11,400 per month
		5.	Provision of First Aid	-	Rs. 36,000 per month
		6.	Tree plantation and landscaping	Rs. 200 Lacs	
		7.	Waste management	Rs. 45 Lacs	
		8.	Provision of	-	Rs. 80,000

		PPE to workers including safety measures at site		per month
	9.	Provisions of safe water supply and toilets with septic tanks for staff	Rs. 11.2 Lacs	Rs. 10,000 per month
	10.	Rain water harvesting Pits and Solar Lights	Rs. 567 Lacs	
	11.	Environmental monitoring	-	Rs.1,00,000 per six months
	<b>c) Benefit cost ratio/internal rate of return and the year of assessment</b>	Benefit cost ratio/ internal rate will be calculated and submitted.		
	<b>d) Whether (c) includes the cost of environmental management as shown in b) above.</b>	Yes		
	<b>e) Actual expenditure incurred on the project so far.</b>	Rs. 578 crores has been spent on the project till 31 <sup>st</sup> March 2019.		
	<b>f) Actual expenditure incurred on the environmental management plans so far.</b>	Expenditure on Environment Management Plan is done as per the allocation plan & only maintenance expense is there. The amount spent on the maintenance is approx. Rs. 1 Lakh till 31 <sup>st</sup> March, 2019.		
10.	<b>Forest land requirement:</b>			
	<b>a) the status of approval for diversion of forest land for non-forestry use</b>	Not Applicable.		
	<b>b) the status of clear felling, if any</b>	Not Applicable.		
	<b>c) the status of compensatory afforestation, if any.</b>	Not Applicable.		
	<b>d) Comments on the viability &amp; sustainability of compensatory Afforestation programme in the light of actual field experience so far.</b>	Not Applicable.		
11.	<b>The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information</b>	Not applicable		

12.	<b>Status of construction:</b>	
	<b>a) Date of commencement</b> (actual and/or planned)	October, 2011 (Actual)
	<b>b) Date of completion</b> (actual and/ or planned)	Construction work has been completed; only maintenance work is going on. Photographs showing the status of the project are attached along as <b>Annexure 2</b> .
13.	<b>Reasons for the delay, if the project is yet to start</b>	Not applicable

**Compliance report on conditions imposed in Environmental Clearance for Period ending  
31.03.2019**

**PART A - SPECIFIC CONDITIONS**

**I. Construction Phase**

<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
1.	"Consent to Establish" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the State level Environment Impact Assessment Authority (SEIAA), Haryana before the start of any construction work at the site.	Agreed.
2.	A first aid room as proposed in the project report shall be provided both during construction and operation of the project.	First Aid room has been provided at the project site.
3.	Adequate drinking water and sanitary facility shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labors is strictly prohibited. The safe disposal of waste water and solid wastes generated during construction phase should be ensured.	Agreed. Adequate drinking water and sanitary facility has been provided at the construction site for workers.
4.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site in the project.	Agreed. The excavated topsoil is stored within the project site for horticulture/ landscape development to the maximum possible extent.
5.	The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction of construction waste should not create any adverse effect on the neighboring communities and should be disposed off after taking precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Agreed. Muck including excavated material during construction phase is disposed off after taking the necessary precautions for general safety and health aspects of people.
6.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water courses and the dump sites for such	Construction spoils including bituminous material and other hazardous materials is being stored separately and not allowed to contaminate water



	material must be secured so that they should not leach to the ground water.	sources. The dump sites for such material are done on the designated sites to prevent leaching into the ground water.
7.	The diesel generator sets to be used during construction phase shall be of ultra low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Low sulphur diesel as per availability in the market is used as DG sets fuel and are used only as a source of backup.
8.	The diesel required for operating DG set shall be stored in underground tanks and if required, clearance from chief controller of explosives shall be taken.	Agreed. The diesel required for operating DG set is stored if the quantity that is stored increases the threshold limit, clearance from chief controller of explosive will be obtained.
9.	Ambient noise levels should conform to standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air pollution and noise level during construction phase, so as to conform to the stipulated residential standards of CPCB/ MoEF.	Standards are well followed to maintain the permissible limit of noise. Test reports are attached at <b>Annexure 3</b> .
10.	Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and as amended on 27 <sup>th</sup> August 2003.	Agreed.
11.	Storm water control and its re-use as per Central Ground Water Board and BIS Standards for various applications should be ensured.	Storm water control management as proposed in the environmental clearance is being complied.
12.	Water demand during construction should be reduced by use of pre mixed concrete, curing agents and other best practices referred.	Agreed. Adequate measures are taken to reduce the water demand during construction.
13.	Roof should meet the perspective requirement as per energy conservation building code by using appropriate thermal insulation material.	Agreed.

14.	Opaque wall should meet perspective requirement as per energy conservation building code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Agreed. Materials having appropriate R & U values are proposed that meets prescriptive requirement of Opaque Wall as per Energy Conservation Building Code.
15.	The approval of competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightning etc. if any forest land is involved in the proposed site clearance under the forest conservation act shall be taken from the competent authority.	The drawings of the project have been approved by Structural Consultant Vintec Consultants, New Delhi and duly approved by Town and Country Planning Department, Haryana and taking into consideration that building requirements as per Zone-IV w.r.t earthquakes.
16.	The project proponent as stated in proposal shall construct 251 nos. rain water harvesting pits for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.	251 numbers of RWH pits will be constructed in due course of time. 20 Nos. of rain water harvesting pits have already been constructed within project premises and some of the pits constructed within individual plots.
17.	The Project Proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instruction issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding the fire safety scheme/ NOC from competent Authority is required.	Agreed. Adequate fire safety measures and equipments will be provided by the Project Proponent as required by Haryana Fire Service Act, 2009 and instruction issued by the local Authority/ Directorate of fire from time to time. Photographs showing the same are enclosed as <b>Annexure 2</b> .
18.	The project proponent shall obtain assurance from the UHBVN for supply of 35,500 KVA of power supply before start of construction. In no case project will be	Agreed.

	operational solely on generators without any power supply from any external power utility.	
19.	Detail calculation of power load and ultimate power load of the project shall be submitted to UHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	Agreed. It will be provided.
20.	The project proponent shall not raise any construction in the natural land depression/ Nallah/ water course and shall ensure that the natural flow from the Nallah/ water course is not obstructed.	Agreed. The natural land depression Nallah/ Water course will not be obstructed.
21.	The project proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the project. Level of the other areas in the projects shall also keep suitably so as to avoid flooding.	The plinth level of the building block is above the level of the approach road as prescribed by laws. Levels are suitably maintained to avoid flooding.
22.	Construction shall be carried out so that density of population does not exceed norms approved by the Director General Town and Country Department, Haryana.	Agreed. Construction has been done as per Building Plan to maintain population density.
23.	The project proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.	Agreed.
24.	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	Agreed. Project landscaping is so planned that the existing trees, if any will be included.
25.	The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECBC norms.	Agreed. All the measures are followed to meet the ECBC norms.
26.	The project proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air	Agreed. Barricades are provided around the project area, proper sprinkling and covering of stored material is being practiced to restrict dust and air pollution during construction.

	pollution during construction.	
27.	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Agreed. A sedimentation basin is constructed in the lower level of the project site to trap pollutant and other wastes during rains.
28.	The project proponent shall provide proper rasta of proper width and proper strength for the project before start of construction.	Agreed. Roads of appropriate width and strength are being constructed for vehicular movement and to prevent traffic congestion before the start of construction.
29.	The project proponent shall ensure that the U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.	Agreed.
30.	The project proponent shall adequately control construction dusts like silica dust, non-silica dust and wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.	Agreed. Construction dust has been controlled properly by sprinkling and providing wind wall barriers.
31.	The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.	Agreed.
32.	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Agreed. The permission has been granted for disposal of mineral from Department of Mines and Geology, Panchkula vide letter no. STP/Pk1/506 dated 12.05.2017 and has already been submitted.
33.	The project proponent shall provide one refuge area till 24 meter and one till 39 meter each, as per National Building Code. The project proponent shall not convert any refuse area in the habitable space and it should not be sold out/commercialized.	Agreed.
34.	The project proponent shall seek specific prior approval from concerned local Authority/ HUDA regarding provision of storm drainage and sewerage system including their integration with external	Agreed and accepted. The approval for ground water abstraction has been obtained from CGWA vides letter No. 21-4(461)/NWR/CGWA/2011-1516. Copy of same is attached as <b>Annexure</b>

	services of HUDA/ Local authorities beside other required services before taking up any construction activity.	4.
35.	The site for solid waste management plant be earmarked on the layout plan and the detailed project for setting up the solid waste management plant shall be submitted to the authority within one month.	Agreed. The site for solid waste management is earmarked. The details on solid waste management will be submitted.
36.	The project proponent shall discharge excess of treated waste water/ storm water in the public drainage system and shall seek permission of HUDA before the start of construction.	Agreed. Permission of discharge of excess of treated waste water/storm water in the public drainage system will be taken and copy will be submitted.
37.	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Agreed. The project has been approved by Structural Safety Engineer so as to withstand earthquake.
38.	The Environmental Clearance to this project is subject to obtaining fresh clearance under the Wildlife (Protection) Act, 1972 from the Standing Committee of National Board for Wildlife and the project proponent shall start development work of the project only after the recommendation of Standing Committee of NBWL in this case.	Agreed.
39.	The project proponent shall ensure that the plinth level of the building block to be minimum 1.5 meter above highest flood level as per study carried out.	Agreed.
40.	The project proponent shall obtain NOC from irrigation Department before the start of development work.	Agreed.
41.	The project shall have the provision for infrastructure services (water supply, sewer, storm water lines, etc.) to accommodate the additional load arising from population residing in other lands falling within the project limits/ vicinity.	Agreed. Additional load has been considered while designing the facilities.
42.	The project shall provide the storm water drainage system in the project area strictly in accordance with the storm water drainage plan submitted with the SEIAA Haryana.	Agreed. The storm water drainage system is being provided as per the approved layout plan.

43.	The project proponent shall not raise any construction activity in the ROW reserved/ acquired from High Tension Wire passing through the project area and shall maintain horizontal and vertical ROW as required under Indian Electricity Rules, 1956/ DHBVN latest instructions.	Agreed and accepted.
44.	The project proponent shall provide water supply @ 135 lpcd instead of 111 lpcd water supply, sewerage, STP and other services shall be provided accordingly.	Agreed. All the services are being designed @ 135 lpcd.
45.	The project proponent shall development of Old age home as per the plan Marked"A-11/79th" earmarking space for Old age home.	Agreed.
46.	The project proponent shall take up construction activity in the flood prone area only after specific approval from Irrigation Department/ HUDA/ DGTP Haryana.	Agreed. The construction activity has been done as per specific approval from HUDA.

## II. Operation Phase:

S. No.	Conditions	Reply
1.	"Consent to Operate" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.	"Consent to Operate has been obtained from HSPCB vide letter No. HSPCB/Consent/2821216PANCTO251 7288 dated 01.02.2016 which is valid upto 31.03.2026. Copy of Consent to Operate is attached as <b>Annexure 5</b> .
2.	The sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including Odour and treated effluent will be recycled to achieve zero exit discharge. The installation of STP shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The project proponent shall remove not only Ortho-Phosphorus but total phosphorus to	Agreed. The sewage treatment plant has already been installed at the project site.

	<p>the extent of less than 2mg/liter. Similarly total Nitrogen level shall be less than 2mg/liter in tertiary treated waste water. Discharge of treated sewage shall be conform to the norms and standards of CPCB/ HSPCB, whichever is environmentally better. Project Proponent shall implement such STP technology which does not require filter backwash. The project proponent shall essentially provide two numbers of STPs preferably equivalent to 50% of total capacity or per the initial occupancy as the case may be.</p>	
3.	<p>Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/liter and the recycled water will be used for flushing, gardening and DG set cooling etc.</p>	<p>Agreed. Dual plumbing system is being followed.</p>
4.	<p>For disinfection of the treated wastewater, ultra-violet radiation or ozonization process should be used.</p>	<p>Agreed. UV radiation process is being followed for disinfection treatment of wastewater.</p>
5.	<p>Diesel power generation sets proposed as source of back-up power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the basement as promised by the project proponent with appropriate stack height above the highest roof level of the project as per the CPCB norms. The diesel used for DG sets shall be ultra low sulphur diesel (35 ppm sulphur), instead of low sulphur diesel.</p>	<p>Agreed.</p>
6.	<p>Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the proposed Township project</p>	<p>Agreed. Ambient noise has been monitored on regular basis. Test Reports are attached along as <b>Annexure 3</b>.</p>

7.	The project proponent as stated in the proposal shall maintain at least 33% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species which can provide protection against noise and suspended particulate matter. The open spaces inside the project shall be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.	Agreed. The adequate area is being maintained for the landscaping and tree plantation. Photographs showing the same are attached along as <b>Annexure 2</b> .
8.	The project proponent shall strive to minimize water in irrigation of landscape by minimize grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.	Agreed. Water minimization techniques are being followed to minimize the consumption of water for landscaping.
9.	Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain water Harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mesh and filters should be used wherever required.	Rain water harvesting has been implemented.
10.	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	Agreed. The copy of approval for ground water abstraction from CGWA is attached as <b>Annexure 4</b> .
11	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared	Agreed. It will be submitted along with next six monthly report.



	incorporating details about building materials & technology, R & U Factors etc and submitted to the SEIAA, Haryana in the three month time.	
12	Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adapted to the maximum energy conservation.	Agreed. The energy conservation measures are being followed like LED is being used for lighting. Photographs showing the solar panels are attached along as <b>Annexure 2</b> .
13.	The project proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditional and adhesive. Project proponent shall also provide Halon free fire suppression system.	Agreed.
14.	The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2000 and as from time to time. The bio-degradable waste should be treated by appropriate technology (proposed OWC) at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved site for land filling after recovering recyclable material.	Agreed. The solid waste generated is being collected & segregated and disposed off as Solid Waste Management Rules, 2016.
15.	The provision of the solar water heating system shall be as per norms specified by HAREDA and shall be made operational in each building block.	Agreed. Solar water heater has been provided as per HAREDA norms. Photographs showing the same are enclosed as <b>Annexure 2</b> .
16.	The traffic plan and the parking plan proposed by the project proponent should be meticulously adhered to with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed site. Parking should be fully internalized and no public space should be used.	Agreed. The parking is fully internalized.
17.	The project shall be operational only when HUDA/local authority will provide domestic water supply system in the area.	Agreed.
18.	Operation and maintenance of STP, solid	Agreed.

	waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of project.	
19.	Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment protection Act, 1986. Particularly E-waste and Battery waste shall be disposed of as existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent shall maintain a collection center for E-waste and it shall be disposed of to only registered and authorized dismantler as per existing E-waste Management Rules 2011.	The different type of waste is being disposed off as per the norms and provisions set by the authorities.
20.	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rules, 1986 shall be strictly complied with.	Agreed.
21.	The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall also identify acceptable outside for treated effluent.	Agreed.
22.	The project proponent shall ensure that the stack height of DG sets is as per the CPCB guide lines and also ensure that the emission standards of noise and air are within the CPCB latest prescribed limits. Noise and Emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets.	The stack height of DG set has been kept as per the CPCB guidelines. The test reports of the ambient air and ambient noise are attached as <b>Annexure 3</b> .
23.	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	Agreed.
24.	The project proponent shall minimize heat island effect through shading and reflective	Agreed.

	or pervious surface instead of hard surface.	
25.	The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by project proponent for cooling. if it is at all needed. The Project Proponent shall also use evaporative cooling technology and double stage cooling system for HVAC in order to reduce water consumption. Further temperature, relative humidity during drive summer and winter seasons should be kept at optimal level. Variable speed drive, best co-efficient of Performance (COP), as well as optimal Integrated Point Load Value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.	Agreed. Only treated wastewater will be used for the HVAC and DG set cooling.
26.	The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer's certificate also for that.	Agreed.
27.	Water supply shall be metered among different users and different utilities.	Agreed. Water meter has been installed. Photograph of the same is attached along as <b>Annexure 2</b> .
28.	The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.	Agreed.
29.	The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.	Agreed. The project proponent has provided water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EMP.
30.	The project proponent shall provide additional green area on terrace and roof top.	Agreed.
31.	The project proponent shall ensure proper	Agreed.

	Air Ventilation and lights system in the basements area for comfortable living of human being and shall ensure that number of Air Changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.	
32.	The project proponent shall install solar for energy conservation.	Agreed. Photographs showing the same are attached as <b>Annexure 2.</b>
33.	The project proponent shall ensure availability of sunlight and air in each part of the building block.	Agreed. Building has been done as per sun path analysis.

### Part B. General Conditions

S. No.	Conditions	Reply
1.	The project proponent shall ensure the commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are compiled with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.	Agreed. Environmental Safeguards is being implemented in true spirit.
2.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the northern Regional Office of MoEF, the respective Zonal Office of MoEF, the respective Zonal Office of CPCB, HSPCB and SEIAA, Haryana.	There is regularly submission of six monthly monitoring reports to the Northern Regional Office, MoEF, respective Zonal Office, Haryana. Acknowledgment of submission of previous compliance report for period ending 30.09.2018 is enclosed as <b>Annexure 6.</b>
3.	STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if	The environmental parameters will be monitored as per the guidelines. Environmental audit will be conducted and the details will be submitted with the next six monthly report.

	required, without delay.	
4.	The SEIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/ MoEF.	Agreed and accepted.
5.	The Project Proponent shall not violate any judicial orders/ pronouncements issued by any Court/ Tribunal.	Judicial orders/ pronouncements issued by any Court/ Tribunal will not be violated.
6.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.	Agreed. Copy of approval from Civil Aviation Department has already been submitted.
7.	The Project Proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.	Agreed. The advertisement has been published in the newspaper and copy has been submitted.
8.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the Project Proponent if it was found that construction of the project has been started before obtaining	The construction work was started only after obtaining the environmental clearance.

	prior Environmental Clearance.	
9.	Any appeal against the this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed and accepted.
10.	Corporate Environment and Social Responsibility (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MoEF, GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and Ministry of Corporate Affairs, GoI Notification dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.	Agreed and same will be followed.
11	The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to SEIAA/ RO MoEF, GoI under rules prescribed fro Environment Audit.	The funds will be maintained as per the guidelines.
12	The project proponent shall ensure the compliance of Forest Department, Haryana notification no. S.O.121/PA2/1900/S.4/97 dated 28.11.1997.	Agreed.
13.	The Project Proponent shall ensure that no vehicle during construction/ operation phase enter the project premises without valid "Pollution under Control" certificate from competent Authority.	Agreed. Copy of PUC is attached as <b>Annexure 7.</b>
14.	The project proponent shall seek fresh Environmental Clearance if at any stage there is change in the planning of the proposed project.	Agreed. In case of any change in proposed project, fresh EC will be obtained.
15.	Besides the developer/ applicant, the	Environmental safeguards/ conditions

	responsibility to ensure the compliance of Environmental Safeguards/ conditions imposed in the Environmental Clearance letter shall also lie on the licensee/ licenses in whose name/ names the license/ CLU has been granted by the town & Country Planning Department, Haryana	imposed in the Environmental Clearance are being complied.
16.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. it shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>x</sub> , NO <sub>x</sub> , Ozone, Lead, CO, Benzene, Ammonia, Benzopyrine, arsenic and Nickel. (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a conventional location near the main gate of the company in the public domain.	The status of the compliance of the stipulated Environment Clearance conditions, including results of monitored data will be uploaded on the website.
17.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the HSPCB, Panchkula as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of the EC conditions and shall also be sent to the respective regional Offices of MoEF by e-mail.	Agreed.
18.	The project proponent shall conduct environment audit at every three months interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the monitoring report.	Agreed. It will be conducted at regular intervals.

MS/SEA/MTR/2013/103

Date: 18.06.2013

To

M/s. D. F. Homes Panchkula Pvt. Ltd.  
 C/o Malvinder Singh AVP Chandigarh Technology Park,  
 Plot No. 2, Tower D Ground Floor, Chandigarh 160001.

**Subject: Environment Clearance for the Revision and Expansion of D.F. Township "D.F. Garden City" at village Islam Nagar, Kalka Panchore Urban Complex Sector-3, Panchkula.**

Dear Sir,

This letter is in reference to your application no. nil dated 28.11.2012 addressed to M. S. SEA, Gurgaon received on 03.12.2012 and subsequent letters dated 03.01.2013, 06.02.2013, 15.03.2013 and 25.05.2013 seeking prior Environmental Clearance for the above project under the E.A. Notification no. 2006. 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-I, Form-A, Conceptual Plan, EIA/EMP on the basis of approved TOR and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MOEF, GOI vide their Notification 23.3.2012, in its meetings held on 30.01.2014, 28.02.2013, 30.04.2013 and 18.06.2013 awarded "Gold" grading to the project.

[2]. It is inter-alia noted that the project involves the Revision and Expansion of D.F. Township "D.F. Garden City" at village Islam Nagar, Kalka Panchore Urban Complex, Sector-3, Panchkula with the proposal as given under:

Particulars	Existing	Expansion	Total
Land (in acres)	11142 acres	11176 acres	22318 acres
Build up area	211403 sqm	5523615 sqm	5735018 sqm
Open area		(25% for plantation and 09% landscaping)	
Land Water Requirement	226 KLD	1250 KLD	1476 KLD
Power Requirement	2800 KLD	167 KLD	2967 KLD
Waste Water Generation	284 KLD	109 KLD	393 KLD
Water Quality	500 KLD	100 KLD	600 KLD
Area of Soil cover	1000 sqm	1500 sqm	2500 sqm
Water	27 m <sup>3</sup>	1 m <sup>3</sup>	28 m <sup>3</sup>
Area of Soil cover	1000 sqm	1500 sqm	2500 sqm
Area of Soil cover	1000 sqm	1500 sqm	2500 sqm

[3]. The State Expert Appraisal Committee (SEAC) after due consideration of the proposal and comments submitted by the project proponent and additional clarifications submitted in response to the observations of the State Expert Appraisal Committee (SEAC) awarded "Gold" grading to the project. The project is compliant with the stipulated



conditions. Accordingly, the State Environment Impact Assessment Authority in its meeting held on 09.01.2018 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 specific and general conditions mentioned below.

**PART A-**

**SPECIFIC CONDITIONS:-**

**Construction Phase:-**

- [1] "Consent for Feasibility" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SE-IAA, Haryana before the start of any construction work at site.
- [2] A dust and noise as proposed in the project report shall be provided both during construction and operational phase of the project.
- [3] Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labourers is strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- [4] All the topsoil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site.
- [5] The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, especially at open sites with the approval of competent authority.
- [6] Construction spoil, including bituminous material and other hazardous materials and concrete should be collected in separate bins and the dump sites for such material must be selected so that they should not leak into the ground water and environment. The waste generated during construction phase, should be disposed off as per the applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.
- [7] The construction activities as specified during construction phase shall be of such a low nature that the same should not harm the environment. Pollution control measures should be taken during construction phase.
- [8] All the activities as specified in the project report shall be carried out in strict compliance with the provisions of the project report. All the activities shall be taken in strict compliance with the provisions of the project report.
- [9] The project proponent shall ensure that the construction activities shall be carried out in strict compliance with the provisions of the project report. All the activities shall be taken in strict compliance with the provisions of the project report.

reduce ambient air pollution and noise level during construction phase, so as to conform to the stipulated residential standards of C.O.D.M of U.

- [10] Fly ash shall be used as bedding material in the construction as per the provisions of Fly Ash Notification of September 1989 and as amended on 27th August 2003.
- [11] Storm water control and its reuse as per CGWB and BIS standards for various applications should be ensured.
- [12] Water consumed during construction shall be reduced by use of pre-mixed concrete curing agents and other best practices.
- [13] Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
- [14] Opaque wall must meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- [15] The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc. If any forest land is involved in the proposed site, clearance under forest Conservation Act shall be obtained from the competent Authority.
- [16] The Project Proponent as stated in proposal shall construct 25 nos. rain water harvesting pits for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silt trap and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that constructed water pit not enter any RAWHP.
- [17] The project proponent shall provide for adequate fire safety measures and equipments as required by Maharashtra Fire Service Act, 2000 and directions issued by fire safety authority (Directorate of Fire) from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from concerned authority as required.
- [18] The Project Proponent shall obtain insurance from the IRIS for supply of water to the project premises and for the shift of construction. In the case project want the generation of electricity generators without any power supply from any external agency.
- [19] Details of all the major electrical and electronic work load of the project shall be submitted to the Electrical Department, Maharashtra Government before the start of construction and the same shall be used as electrical design load for the project.

- [20] The Project Proponent shall not raise any contamination in the nature of land depression. Surface water course and shall ensure that the natural flow from the Nalla/water course is not obstructed.
- [21] The Project Proponent shall keep the ground level of the building blocks sufficiently above the level of the proposed road to the Project. Levels of the other areas in the Project site shall be kept suitably so as to avoid flooding.
- [22] Construction shall be carried out in such density of population does not exceed norms approved by Director General Town and Country Department Hyderabad.
- [23] The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.
- [24] The project proponent shall not cut any existing tree and project landscape plan should be modified to include those trees in green belt.
- [25] The project proponent shall ensure that ECW norms for composite climate zone are met, in particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECW norms.
- [26] The Project Proponent shall provide 3 meter high barbed wire around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.
- [27] The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.
- [28] The project proponent shall provide proper base of proper width and proper strength for the project before the start of construction.
- [29] The project proponent shall ensure that the U-value of the glass is less than 3.177 and the minimum solar heat gain coefficient is 0.28 for vertical fenestration.
- [30] The project proponent shall adequately control construction dusts like silica dust, non-silica dust and road dust. Such dust shall not spread outside project premises. Project rubber cut shall provide respiratory protective equipment to all construction workers etc.
- [31] The project proponent shall provide fire control room with fire officer for building project shall comply with the Building Code.
- [32] The project proponent shall obtain permission of limits from City Survey Department for the project and shall comply with the Building Code.
- [33] The height of the building shall not exceed 24 meter and not less than 24 meter and not less than 24 meter and not less than 24 meter.
- [34] The project proponent shall not use any hazardous material and it should not be used.

- [30] The project proponent shall seek specific prior approval from concerned local Authority (UDA) regarding provision of storm drainage and sewerage system including their integration with external services of UDA. Local authorities beside other required services before taking up any construction activity.
- [35] The site for solid waste management plant be earmarked on C-category plot and the detailed project for setting up the solid waste management plant shall be submitted to the Authority within one month.
- [36] The project proponent shall discharge excess of treated waste water/clean water in the public drainage system and shall seek permission of UDA before the start of construction.
- [37] The project proponent shall ensure that structure shall be withstand earthquake of magnitude 8 on Richter scale.
- [38] The Environmental Clearance to this project is subject to obtaining first clearance under the Wildlife (Protection) Act, 1972 from the Standing Committee of National Board for Wildlife and the project proponent shall start development work of the project only after the recommendation of Standing Committee of NBWL in this case.
- [39] The project proponent shall ensure that the plinth level of the building shall be minimum 1.5 meter above highest flood level as per study carried out.
- [40] The project proponent shall obtain ROC from Irrigation Department before the start of development work.
- [41] The project shall have the provision for infrastructure services (water supply, sewer, storm water line, etc) to accommodate the additional load arising from population residing in the lands falling within the project limits vicinity.
- [42] The project shall provide the storm water drainage system in the project area strictly as per outline with the storm water drainage plan submitted with the SEZ/UDA.
- [43] The project proponent shall not allow any construction activity in the ROW provided submitted for High Tension Wire passing through the project area and shall maintain the width and clearance as required under national Electricity Act and its subsidiary rules/notifications.
- [44] The project proponent shall provide water supply to 135 plots instead of 111 plots. Water supply, sewerage and other services shall be provided accordingly.
- [45] The project proponent shall be equipped with all age groups as per the plan submitted to the concerned authority for old age home.
- [46] The project proponent shall have an open construction site for the first one year and shall not allow any other construction activity in the land in one year.
- [47] The project proponent shall submit the approval from UDA (UDA/DA/RE



### Operational Phase:

- (a) "Consent to Operate" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SIAA, Haryana.
- (b) The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including sludge and treated effluent will be recycled to achieve zero effluent discharge. The installation of STP shall be certified by an independent expert and a report in this regard shall be submitted to the SIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The project proponent shall remove not only Ortho-Phosphorus but total Phosphorus to the extent of less than 2mg/liter. Similarly total Nitrogen level shall be less than 2mg/liter in tertiary treated waste water. Discharge of treated sewage shall conform to the norms and standards of CPCB/MSPCB, whichever is environmentally better. Project Proponent shall implement such STP technology which does not require filter backwash. The project proponent shall essentially provide two numbers of STPs preferably equivalent to 50% of total capacity or depending upon the initial occupancy as the case may be.
- (c) Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc.
- (d) For disinfection of the treated wastewater ultra-violet radiation or ozonation process should be used.
- (e) Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and for electric use should be of enclosed type and conform to noise levels under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the basement as promised by the project proponent with appropriate stack height above the highest point level of the project as per the CPCB norms. If diesel used for DG sets shall be ultra low sulphur diesel (ULSD) from any of the reputed low sulphur diesel.
- (f) Air quality monitoring should be conducted to ensure that it does not exceed the prescribed ambient air quality limit at the boundary of the Proposed Township Project.
- (g) The project proponent shall install fire equipment shall maintain at least 95% as prescribed in the fire regulation especially at the boundary of the project and shall install fire fighting equipment which can provide protection against fire accidents and shall have suitable fire escape stairs at the project structure.

appropriately landscaped and covered with vegetation (trees, herbs & shrubs). Only locally available plant species shall be used.

- (h) The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area using native variety, veriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapotranspiration data.
- (i) Rain water harvesting for roof-run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run-off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any RWD pit. The project proponent shall avoid Rain Water Harvesting of first 10 minutes of rain fall. Roof-top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mesh and filters should be used wherever required.
- (j) The ground-water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- (k) A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the SEEA, Haryana in three months time.
- (l) Energy conservation measures like installation of LED only for lighting the areas outside the building and inside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adopted to the maximum energy conservation.
- (m) The Project Proponent shall use zero ozone depleting potential material for insulation, refrigeration, air conditioning and adhesive. Project Proponent shall also provide helium free fire suppression system.
- (n) The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2000 and as amended from time to time. The biodegradable waste should be collected by appropriate technology and site earmarked for this purpose. Any non-biodegradable solid waste should be disposed off to the approved waste treatment plant after recovery of recyclable material.
- (o) The provision of the surface water recharge system shall be as per the as specified by Haryana govt. through appropriate authority at each building level.
- (p) The site plan and the plan and specifications for the project component should be approved by the local authority and the same should be submitted to the local authority for final approval. The project proponent shall also submit an application to the local authority for the same.



resisted for conservation of power and water. V oil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.

(k) The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silica steel and virgin electrolytic grade copper. The project proponent shall obtain manufacturer's certificate also for that.

(ka) Water supply shall be metered among different users and different utilities.

(kb) The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-wash under any meteorological conditions.

(kc) The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter's 'LMP'.

(kd) The project proponent shall provide additional green area on terrace and roof top.

(ke) The project proponent shall ensure proper Air Ventilation and light system in the basements area for comfortable living of human being and shall ensure that number of Air Changes per hour (ACH) in basement never falls below 10. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the project proponent.

(kf) The project proponent shall install solar panel for energy conservation.

(kg) The project proponent shall ensure availability of sunlight and air in each part of the building.

**PART B: GENERAL CONDITIONS:**

(i) The project proponent shall abide to the commitments made in Form 1, Form 1A, 1B, 1C, 1D, and other documents submitted to the SIA/CA for the protection of environment and proper environmental management as stipulated within letter and shall take all necessary measures to avoid any adverse impacts on the people and the environment. The project proponent shall be liable for any damage caused to the environment.

(ii) The project proponent shall submit quarterly reports on the status of activities and the compliance conditions including results of monitoring and control to the concerned authorities as well as to the Regional Directorate of Environment, Urban Planning and Construction and the SIA/CA.

(iii) The project proponent shall submit a copy of all the documents and information to the concerned authorities (as stipulated in the SIA/CA) and shall be available on a readily accessible manner for all concerned parties. The project proponent shall be liable for any damage caused to the environment.

(iv) The project proponent shall be liable for any damage caused to the environment and shall be liable for any damage caused to the environment.



revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF.

(vi) The Project proponent shall not violate any judicial order/pronouncements issued by any Court/Tribunal.

(vii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, P. FA, 1960, etc, shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.

(viii) The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Jharkhand State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Jharkhand. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.

(ix) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the Project Proponent if it was found that construction of the project has been started before obtaining prior Environmental Clearance.

(x) Any appeal against the this Environmental Clearance shall lie with the National Green Tribunal at New Delhi within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(xi) Corporate Environment and Social Responsibility (CSR) shall be undertaken by the project proponent (2% shall be earmarked) as per guidelines of MoEF, Govt Office Memorandum No. 7143, Dated 16/07/10, dated 18/05/02 and Ministry of Corporate Affairs, Govt of India, Dated 27/02/2014. A separate audit statement shall be submitted in the appropriate Government related work proposed to be carried out by the project proponent simultaneously. The public CSR activities shall be listed in the list of the work for implementation of CSR. The CSR activities shall start from the start of construction.

(xii) The audit reports of the environment protection measures shall be kept in the project file and shall be submitted in case you were asked for the same. The CSR activities shall be as per the guidelines presented in the MoEF, Govt Office Memorandum No. 7143, Dated 16/07/10, dated 18/05/02 and Ministry of Corporate Affairs, Govt of India, Dated 27/02/2014.

(xiii) The project proponent shall comply the stipulations of Forest Department, Jharkhand and other relevant departments as per the Forest Act, 1927, P. FA, 1960, etc.

- [xiii] The Project Proponent shall ensure that no vehicle during construction operation, pass that the project proceeds without valid Pollution Under Control certificate from competent authority.
- [xiv] The project proponent shall seek fresh Environmental clearance if at any stage there is change in the planning of the proposed project.
- [xv] Besides the developer/applicant, the responsibility to ensure the compliance of Environmental Safeguards/ conditions imposed in the Environmental Clearance letter shall also lie on the licensee/licensees in whose name/name/s the license/CLC has been granted by the Town & Country Planning Department, Paryaha.
- [xvi] The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall automatically be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The critical pollutants are namely: PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, Ozone, Lead, CO, Benzene, Ammonia, Benzopyrene, arsenic and Nickel. (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- [xvii] The environmental statement for each financial year ending 31<sup>st</sup> March in Form V as mandated to be submitted by the project proponent to the HSPCB Panchkula or, prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of the EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- [xviii] The project proponent shall conduct environment audit at every three months interval and thereafter corrective measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the form for aq report.

  
 Member Secretary  
 State Level Environmental Impact  
 Assessment Authority, Haridwar, Uttarakhand

Order No. SE/74/2019/2019

Dated: 

A copy of the order is forwarded to the following:

- 1. The Additional Chief Executive Officer, MoEF, SO, Haridwar, Uttarakhand
- 2. The Regional Office of Environment, Pollution Control and Hazardous Waste, Haridwar
- 3. The Chairman, Haridwar State Pollution Control Board

  
 Member Secretary  
 State Level Environmental Impact  
 Assessment Authority, Haridwar, Uttarakhand

**PHOTOGRAPHS OF THE PROJECT PREMISES**



(a)



(b)



(c)



(d)

**PARKING AREA PROVIDED WITHIN THE PROJECT**



(a)



(b)

**GREEN AREA AND FIRE FIGHTING EQUIPMENTS PROVIDED WITHIN THE PROJECT**



(a)





(b)



(c)

**DG SETS PROVIDED WITHIN THE PROJECT**



(a)

**WATER FLOW METER PROVIDED AT WATER OUTLET**



(a)



# Eco Laboratories & Consultants Pvt. Ltd.

CIN : U74140PB2011PTC034739



[A Govt. Approved, ISO 9001:2015, 14001 & OHSAS-18001:2007 certified & Approved by MOEF, PPCB]

## TEST REPORT



TC 7477

ULR No.	TC747719000000232F	EC-19-20/13871	Page 1 of 1
Test Report No.	EL240419NW003		
Customer	DLF Garden City, Vill - Bhagwanpur, Pinjore, Distt. - Panchkula, Haryana		
Work Order No. & Date	Email Order dated 11/04/2019		
Type of Sample	Ground Water		
Mode of Collection of Sample	Sampling by laboratory		
Date of Sampling	24/04/2019		
Sampling Location	From Borewell Near C-2 Block		
Sampling Protocol	IS: 3025 (P-1) 1987 R1998 Amdt-1		
Packing, Markings, Seal & Quantity	Plastic & Glass Bottle Marked 'B/24/01' 2litre + 250ml		
Date of Receipt of Sample	24/04/2019		
Period of Analysis	24/04/2019 to 29/04/2019		
Date of Reporting	29/04/2019		
Testing Protocol	IS 10500 (2012)		
Sample Observation	Clear colorless liquid		

## RESULTS

S. No.	Test Parameter	Units	Results	Acceptable limit	Permissible limit <sup>1</sup>	Test Method
1.	Colour	hazen	BDL(DL 5)	5	15	APHA-23rd Ed 2017-2120 B
2.	Total Hardness as CaCO <sub>3</sub>	mg/l	180	200	600	APHA-23rd Ed 2017-2340C
3.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 1983 RA 2017
4.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):1984 RA 2017
5.	Turbidity	NTU	BDL (DL 0.1)	1	5	APHA-23rd Ed 2017- 2130B
6.	Chloride as Cl	mg/l	18	250	1000	APHA-23rd Ed 2017- 4500 B
7.	pH	-	6.99	6.5 - 8.5	No Relaxation	APHA-23rd Ed 2017-4500B
8.	Iron as Fe	mg/l	0.12	0.3	No relaxation	APHA-23rd Ed 2017-3111B
9.	Total coliforms	MPN/100ml	<2 <sup>3</sup>	Absent	--	IS: 1622:1981 RA-2009
10.	E. coli	MPN/100ml	<2 <sup>3</sup>	Absent	--	IS: 1622:1981 RA-2009

**Remarks:** Sample complies with respect to above tests only with reference to IS 10500: 2012

**Abbreviations:** DL: Detection Limit, BDL: Below Detection Limit.

**Symbols** <sup>3</sup><2 is minimum detection limit as per IS 1622 method and is equal to absent

<sup>1</sup> Permissible limit in absence of alternate source.

**Note** Please refer Terms & Conditions overleaf.

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

*Mela Anand*  
Checked By

Format No.: F/7.8.2 Date:15.11.2018

*Simranjot Kaur*  
Authorized Signatory-Biological

*Dr. Roopak Kumar*  
Authorized Signatory-Chemical

**ECO BHAWAN** E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

TeleFax: 0172-4616225 M: 9781303109 consulteco@yahoo.com ecolab@ecoparyavaran.org www.ecoparyavaran.org



[A Govt. Approved, ISO 9001:2015, 14001 & OHSAS-18001:2007 certified & Approved by MOEF, PPCB]

## TEST REPORT




ULR No	TC747719000000233F	EC-19-20/13872	Page 1 of 1
Test Report No:	EL240419NS001		
Customer	DLF Garden City, Vill. - Bhagwanpur, Pinjore, Distt. - Panchkula, Haryana		
Work Order No. & Date	Email Order dated 11/04/2019		
Type of Sample	Soil		
Mode of Collection of Sample	Sampling by laboratory		
Date of Sampling	24/04/2019		
Sampling Location	Near B-1 Park		
Packing, Markings, Seal & Quantity	Poly Bag Marked '02' 1 kg		
Date of Receipt of Sample	24/04/2019		
Period of Analysis	24/04/2019 to 29/04/2019		
Date of Reporting	29/04/2019		
Sample Observation	Brown colored soil		

## RESULTS

S. No.	Test Parameter	Units	Results	Test Method
1.	pH	--	9.21	IS:2720 (P-26) 1987
2.	Conductivity	mmhos/cm	0.156	IS:14767: 2000
3.	Moisture Content	%	7.5	IS:2720 (P-II) 1973 R 2002
4.	Organic Matter	%	3.05	IS:2720 (Part XXII) 1972 R2010
5.	Texture	--	Sandy Loam	IS:2720 (Part 4) 1985
6.	Bulk Density	gm/cc	1.95	IS: 2720 (Part - III) 1980

**Remarks:** Party asked for above test only  
**Note** Please refer Terms & Conditions overleaf.

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



Dr. Roopak Kumar  
Authorized Signatory-Chemical



Checked By  
Format No: F/7.B.2, Date: 15.11.2018



[A Govt. Approved, ISO 9001:2015, 14001 & OHSAS-18001:2007 certified & Approved by MOEF, PPCB]

## TEST REPORT



TC 7477

ULR No.	TC747719000000238F	EL-19-20/13873	Page 1 of 1
Test Report No.	EL250419NA001		
Customer	DLF Garden City, Vill. - Bhagwanpur, Pinjore, Dist. - Panchkula, Haryana		
Work Order No. & Date	Email Order dated 11/04/2019		
Type of Sample	Ambient Air		
Mode of Collection of Sample	Sampling by laboratory		
Date of Sampling	24/04/2019		
Sampling Location	Near Pota Cabin		
Sampling Protocol	IS: 5182 (P-14) 2000, CPCB Guidelines and Customer's Requirements		
Date of Receipt of Sample	25/04/2019		
Period of Analysis	25/04/2019 to 27/04/2019		
Date of Reporting	29/04/2019		
Testing Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQM/36/2012-13) & NAAQS 2009		
Environmental Conditions	Clear Weather		

## RESULTS

S. No.	Test Parameter	Units	Results	Standards ('NAAQS 2009)	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	89	100	IS:5182 (P-23) 2006 RA 2017
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	48	60	Lab SOP EL/SOP/AAQ/01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	10	80	IS:5182 (P-2) 2001 RA 2017
4.	Oxides of Nitrogen (NO <sub>2</sub> )	µg/m <sup>3</sup>	23	80	IS:5182 (P-6) 2006 RA 2017
5.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	20	400	Lab SOP EL/SOP/AAQ/02
6.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	31	180	IS:5182 (P-9):2006 RA 2014
7.	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.39	04	IS 5182 Part-10:1999, RA 2014 (NDIR Method)

**Remarks:** Sample Complies with respect to Standards (NAAQS 2009)  
**Abbreviations:** ' National Ambient Air Quality Standards  
**Symbols** --  
**Note** Please refer Terms & Conditions overleaf.

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

  
Checked By

  
Dr. R. oopak Kumar  
Authorized Signatory-Chemical

Format No.: F/7.8.2 Date:15.11.2018

[A Govt. Approved, ISO 9001:2015, 14001 & OHSAS-18001:2007 certified & Approved by MOEF, PPCB]

## TEST REPORT



ULR No.	TC747719000000239F	EC79-20/13874	Page 1 of 1
Test Report No.	EL250419NN001		
Customer	DLF Garden City, Vill - Bhagwanpur, Pinjore, Distt. - Panchkula, Haryana		
Work Order No. & Date	Email Order dated 11/04/2019		
Type of Sample	Ambient Noise		
Mode of Collection of Sample	Sampling by laboratory		
Date of Sampling	24/04/2019		
Sampling Location	Project Site (Near Block B-1 Block)		
Sampling Protocol	IS: 9989:1981 R-2002 and as per customers requirements		
Date of Receipt of Sample	25/04/2019		
Period of Analysis	25/04/2019 to 26/04/2019		
Date of Reporting	29/04/2019		
Testing Protocol	IS 9989: 1981 R-2002		

### RESULTS

S. No.	Test Parameter	Units	Results	Test Method
1.	Ambient Day Time Noise Levels	dB(A)	63.5	IS: 9989:1981 R-2002

**Remarks:** Sample Complies with respect to The Noise Pollution (Regulation & Control) Rules, 2000 (CPCB)  
**Abbreviations:** -  
**Symbols** <sup>1</sup> as per CPCB Guidelines  
**Note** Please refer Terms & Conditions overleaf.

### <sup>1</sup>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
A	Industrial area	75
B	Commercial area	65
C	Residential area	55
D	Silence Zone	50

Note:

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

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

  
Checked By

Format No.: F/7.8.2.Date:15.11.2018

  
Dr. Poopek Kumar  
Authorized Signatory-Chemical

Central Ground Water Authority  
Ministry of Water Resources  
Government of India

No. 214(267)/NW/CGWA/2011-1516

Date: 20 OCT 2011

To,  
M/s DLF Homes Panchkula Pvt. Ltd.,  
Chandigarh Technology Park, P at No. 2,  
Tower 'D', Ground Floor,  
Chandigarh - 160101

Subj: Request for Ground Water clearance in respect of M/s DLF Homes Panchkula Pvt. Ltd. for their proposed Residential plotted colony "DLF Valley" at Sector 3, Panchkula-Kalla Division, village Mangwanpur & Kanchuagar, Block Patajore, Tehsil Kalla, District Panchkula, Haryana-reg.

Sir,  
The area where the project falls comes under safe category as per the ground water assessment carried out by Central Ground Water Board. Since the total requirement of ground water is 1502 m<sup>3</sup>/day, NOC is not required for ground water withdrawal from Central Ground Water Authority. However, to neutralize the adverse impact of ground water withdrawal that may arise on a long term basis, the industry/project is advised to undertake the following measures:

1. Ground Water withdrawal shall not exceed the proposed quantity of 1502 m<sup>3</sup>/day
2. All abstraction structures should be fitted with water meter by the industry and monitoring of ground water abstraction to be undertaken accordingly on regular basis, at least once in a month. The data may be submitted on a yearly basis to the Regional Director, Central Ground Water Board, North Western Region, Chandigarh for perusal and records.
3. The industry should adopt and implement artificial recharge measures such as water harvesting measures for augmenting the ground water resources of the area as per the hydrogeological investigation.
4. The industry shall ensure proper conservation measures, recycling and reuse of waste water after adequate treatment.
5. The industry shall monitor the ambient ground water regime of the area through piezometers and submit the data on a yearly basis to the Regional Director, Central Ground Water Board, North Western Region, Chandigarh for perusal and records.

Yours faithfully,  
*[Signature]*  
Scientist 'D'  
for Member Secretary

Copy for information to the:

1. Member Secretary, Haryana State Pollution Control Board, C-11, Sector 4, Panchkula, Haryana, with a request to ensure that Rain Water Harvesting and Artificial Recharge methods are being implemented by the firm and quantity of withdrawal is not exceeding 1502 m<sup>3</sup>/day.
2. Regional Director, Central Ground Water Board, North Western Region, Bhujal Bhawan, P at # 3-B, Sector 27 - A, Madhya Marg, Chandigarh 160019. This has reference to your letter No. 4(172)A/ER/DLF Valley/NW/CGWA/2011-1516 dated 20.10.2011.
3. TS to Chairman, Central Ground Water Board, NH-19, Faridabad.

Scientist 'D'  
for Member Secretary

West Block-2, Wing-3, Ground Floor, B. K. Puram, Sector-1, New Delhi-110066  
Tel: 011-26173362, 26173363, 26173337; Fax: 011-26173369 e-mail: [cgwa@cgwa.gov.in](mailto:cgwa@cgwa.gov.in) web site: [cgwa.gov.in](http://cgwa.gov.in)



**HARYANA STATE POLLUTION CONTROL BOARD  
C-11, SECTOR-6, PANCHKULA**

Website - [www.hspcb.gov.in](http://www.hspcb.gov.in) E-Mail - [hspcb.pat@sifymail.com](mailto:hspcb.pat@sifymail.com)

Tele Fax No. - 0172-2577870-73

No. HSPCB/Consent/ : 2821216PANCTO2517288

Dated: 01/02/2016

To

M/s : DLF Homes Panchkula Pvt. Ltd.  
Village Islam Nagar Bhagwanpur Sector 3 District Panchkula  
PANCHKULA

Subject: Grant of Consent to operate for discharge of effluent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974.  
from 01/04/2016 - 31/03/2026

Please refer to your consent application received on dated 2015-12-23 in Regional Office, Panchkula on the subject cited above.

With reference to your above application for consent for the discharge of domestic effluent and trade effluent under Water (Prevention & Control of Pollution) Act, 1974 hereinafter referred as the Act M/s DLF Homes Panchkula Pvt. Ltd. is hereby authorized by the Haryana State Pollution Control Board, to discharge their effluent arising out of their premises in accordance with the terms and conditions as mentioned below:-

1. The daily quantity of domestic effluent from the factory shall not exceed 443 KLD
2. The daily quantity of the industrial effluent (Process, floor & equipment wash, cooling and bleed water) from the factory shall not exceed 0 KLD
3. **The industry has been assessed for the purpose of Consent to operate fee with investment cost (land, building, plant and machinery) of Rs. 893.52 Lakh. In case the investment cost varies as per the annual report for the years duly audited by the Chartered Accountant, the difference of Consent to operate fee, if any, arises, the industry shall pay the same amount within one month of the receipt of notice from the Board in this regard.**
4. The consent to operate shall be valid for the period from 01/04/2016 - 31/03/2026
5. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
6. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent.  
In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc
7. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
8. **The industry shall not discharge any altered quantity/quality of the trade/domestic effluent without prior permission of the Board.**



9. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
10. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
11. In case the industrial unit uses the Municipal/HUDA/Industrial Estate Sewerage system for disposal of effluent for the final disposal they will submit the sewerage connection certificate.
12. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
13. The industry will plant minimum three varieties (Eucalyptus, Sa Bahul or any suitable variety) of trees in the vacant area.
14. The consent to operate under Air (Prevention & Control of Pollution) Act, 1981 should be obtained.
15. The industry shall obtain Authorization under Hazardous Waste (Management handling and transbanding movement) Rules, 2008 as amended to date.
16. The industry shall install separate Energy Meter for ETP and also maintain log book for energy and chemical consumption.
17. The industry shall obtain permission from Irrigation Department for discharging effluent into any drain/water bodies.
18. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
19. The industry shall provide non-leachate storage facilities for storage of Hazardous Waste or dispose off same in the common facilities & will adhere to the norms laid down as per the amended notification under HWTM Rules, 2008.
20. The industry shall submit A/R once in 3 months in case of 17 categories and other categories. The L&M shall submit A/R once in 6 months.
21. The industry shall comply the Public Liability Insurance Rules, 1991, as amended to date.
22. The industry shall submit Environmental Audit /Report once in a year.
23. The industry shall obtain Environmental Clearance, if applicable as per MOEF Notification.
24. The industry shall inform to HO/RO office immediately by FAX in case of failure of ETP.
25. In case of bye passing the effluent the consent to operate shall be deemed revoke.
26. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

Other Conditions :

1. 1. Unit will operate & maintain their STP efficiently & regularly. 2. Unit will keep the parameters within limit. 3. Unit will comply with the conditions of the Environmental clearance and submit six monthly report to board.

*Regional Officer, HQ  
For and on behalf of chairman  
Haryana State Pollution Control Board,  
Panchkula.*

**DLF Homes Panchkula Pvt. Ltd.**

SCO - 190, 191, 192, Sector- 8-C,  
Chandigarh - 160009  
Phone - 0172-4607750, 4920000  
Website - www.dlf.in  
GIN No. UHJ400HR2007PTC038443



Date: 21.11.2018

To

**The Joint Director,**  
Ministry of Environment, Forest & Climate Change,  
Regional Office (North),  
Government of India  
Bay No. 24-25, Sector-31A  
Chandigarh,

**Subject: Submission of Six Monthly Compliance Report for period ending 30.09.2018 for the project namely "DLF Garden City" located at Bhagwanpur, Pinjore, Distt-Panchkula, Haryana.**

Sir,

We are hereby submitting six monthly report for period ending 30.09.2018 in the form of Data Sheet along with compliance of the stipulated environmental conditions. All relevant details/ documents are attached as annexure for your kind consideration.

The test reports on Ambient Air, Water, Soil and Noise levels are also submitted. The soft copy of complete report in CD is also enclosed along.

Thanking you.

Sincerely,

For, M/s. DLF Homes Panchkula Pvt. Ltd.

(Authorized Signatory)

Name- Manpreet Singh  
Contact No- 998800107  
Designation- Sr. Manager  
Email- uoki-manpreet@dlf.in

प्राप्त किया/Received  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Min. of Environment, Forests & Climate Change  
उत्तर क्षेत्रीय कार्यालय/Northern Regional Office  
चण्डीगढ़/Chandigarh

CC to: 1) Member Secretary, SHAA Haryana, Bay No.- 55-58, Paryatan Bhawan, 1<sup>st</sup> Floor,  
Sector-2, Panchkula, Haryana-134109.

2) The Chairman, HSPCB, C-11, Sector-6, Panchkula, Haryana-134109.

**प्रदूषण नियंत्रित प्रमाणपत्र** LIC No. ₹ 50/-


Authorised by : STATE TRANSPORT AUTHORITY  
CHANDIGARH ADMINISTRATION

No.	PUCC No. पूजांक संख्या	Vehicle No. वाहन संख्या	Make ब्रांड	Model मॉडल	Category वर्ग	Year वर्ष	Fuel इंधन	Date दिनांक	Time समय	Valid upto वैधता	TESTING DATA					
											MIN RPM	MAX RPM	MIN K/m	MAX K/m		
	D0103000410	CH01TA3288	JCV	JCV	Others	2011	Diesel	11/Aug/2018	8:27:05 PM	16/Feb/2019	00015	02795	064	064		
											MIN RPM	MAX RPM	K/m	YS0%	Yemp	
											1	0100	0100	0100	050	050
											2	0100	0178	0178	056	057
											3	0100	0178	0178	056	057
											4	0100	0178	0178	056	057
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											Standard	Level	Standard	Level	Standard	

प्रमाणित किया जाता है कि इस वाहन का CO, उत्सर्जन स्तर के मो.वा. नियम 1989 की 115 (2) में निर्धारित स्तर के अनुसार है।

यदि आपको कोई शिकायत या टिप्पणी है तो कृपया एल.टी.ए. इण्डिया वू.टी. से संपर्क करें।

In case of any complaint/STA Chandigarh U.T.



ALL INDIA VALID

# प्रदूषण नियंत्रण प्रमाणपत्र

POLLUTION CONTROL CHECK CERTIFICATE  
 AUTHORISED BY TRANSPORT CONTROLLER  
 Licence No. PKL-D-0045

2679

**PUCG No.**

प्रमाणपत्र संख्या

000890030006

प्रमाणित किया जाता है

कि संचालन का CO

उत्सर्जन केरी या

**Vehicle No.**

वाहन पंजी सं०

HR 555 4834

1989 की मितस BS (2)

निर्धारित स्तर के अनुसार है।

**Make**

ब्रेक

JCB

यदि अप को कोई गिरफ्तार है

तो कृपया Right Top Authority

Panchkula में सम्पर्क करें।

**Model**

मॉडल

JCB

Certified that this vehicles CO

emission level conforms to the

standards prescribed under Rule

145 (2) of GM Rules, 1999.

**Category**

वर्ग

Others

In case of any complaint, please

write District Transport Authority

Panchkula

**Year**

वर्ष

03/01/2013

**Fuel**

ईंधन

Diesel

**Date**

दिनांक

26/Nov/2018

**Time**

समय

10:06:51 AM

Valid upto

तक

23/May/2019

Rs. 100/-

Flushing Cycle Mean RPM Min 0927 Max 1522

S.No.	RPM(Min)	RPM(Max)	X m-1	HSU%	Temp
1.	0644	2644	0.45#	0.42%	66
2.	0765	2795	0.42#	0.45%	70
3.	0644	2644	0.45#	0.42%	66
4.	0765	2795	0.42#	0.45%	70
5.	0644	2644	0.45#	0.42%	66
5.	0765	2795	0.42#	0.45%	70
7.					
8.					
9.					
10.					
Mean		PASS	0.42#	0.43%	



AUTHORISED SIGNATORY

आधिकारित हस्ताक्षर करें

Valid in Delhi (3 months)

INCORPORATION  
 Kalka Shimla Highway, NH-22,  
 Surajpur, Distt. Panchkula,  
 Haryana, M. 9356451913



923

3027200001425

HR490 1860

SWARAJ

735 FE

RECTOR

Step 4 Stage V

10-2-2011

0135-1

24.11.2018

10:13 AM

23.5.2019



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ALL INDIA VALID

# प्रदूषण नियंत्रण प्रमाणपत्र

POLLUTION CONTROL CHECK CERTIFICATE  
AUTHORISED BY TRANSPORT CONTROLLER  
Licence No. PKL-D-0045

2684

**PUC No.** प्रदूषण नियंत्रण प्रमाणपत्र संख्या  
00055003009

**Vehicle No.** वाहन पंजी संख्या  
HR 49A 8843

**Make** संस्था  
SWARAJ

**Model** मॉडल  
735FE

**Category** श्रेणी  
Others

**Year** वर्ष  
01/01/2005

**Fuel** ईंधन  
Diesel

**Date** दिनांक  
24/Nov/2018

**Time** समय  
11:30:33 AM

**Valid upto** वैधता  
23/May/2019

प्रदूषण नियंत्रण प्रमाणपत्र संख्या  
00055003009

वाहन पंजी संख्या  
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Diesel

दिनांक  
24/Nov/2018

समय  
11:30:33 AM

वैधता  
23/May/2019

Flushing Cycle S.No.	Mean RPM	Min RPM	Max RPM	Min O2 (%)	Max O2 (%)	Temp
1.	0644	2544	0.45%	0.35%	66	
2.	0765	2795	0.42%	0.45%	70	
3.	0544	2544	0.45%	0.35%	66	
4.	0765	2795	0.42%	0.45%	70	
5.	0544	2544	0.45%	0.35%	66	
6.	0765	2795	0.42%	0.45%	70	
7.						
8.						
9.						
10.						
Mean	0650	2650	0.43%	0.37%		



APPROVED  
Regional Transport Officer  
Bikaner  
18/11/2018

**Rs. 100/-**

# प्रदूषण नियंत्रण प्रमाणपत्र

POLLUTION CONTROL CHECK CERTIFICATE  
 AUTHORISED BY TRANSPORT CONTROLLER  
 Licence No. PKL-D-0045

2677

PUCG No.

पंजीयन संख्या

Vehicle No.

वाहन पंजी सं

Make

ब्रेक

Model

मॉडल

Category

वर्ग

Year

वर्ष

Fuel

ईंधन

Date

दिनांक

Time

समय

प्रमाणित किया जाता है कि संवाहन का Co उत्सर्जन के सं. या 1989 की नियम 115 (2) के निर्धारित स्तर के अनुसार है यदि आप को कोई विकार है तो कृपया Riginal Tpl Authority Panchkula में सम्पर्क करें।  
 Certified that this vehicles CO emission level conforms to the standards prescribed under Rule 115(2) of CM Rules, 1989. In case of any complaint, please write District Transport Authority Panchkula

0018503604  
 HK 49B 7500  
 SWARA  
 730RE  
 others  
 01/01/2008

Flushing Cycle Mean RPM Min 0525 Max 1514

S.No.	RPM(Min)	RPM(Max)	Km-1	HSU%	Temp.
1.	0644	2644	0.45#	0.35%	66
2.	0765	2795	0.42#	0.45%	70
3.	0644	2644	0.45#	0.35%	66
4.	0765	2795	0.42#	0.45%	70
5.	0644	2644	0.45#	0.35%	66
6.	0765	2795	0.42#	0.45%	70
7.					
8.					
9.					
10.					
Mean		PASS	0.42#	0.43%	



I.D. No. H200110  
 Valid till 26/05/2018



AUTHORISED SIGNATORY  
 अधिकृत हस्ताक्षर कर्ता

Valid In Delhi (3 month)

HECK SUPPLIER CORPORATION  
 Kalka Shimla Highway, NH-22,  
 Surajpur, Distt. Panchkula  
 Haryana, M. 9356451913

Valid upto  
 10:25:31 AM  
 25/May/2018  
**Rs. 100/-**

ALL INDIA VALID

# प्रदूषण नियंत्रण प्रमाणपत्र

POLLUTION CONTROL CHECK CERTIFICATE  
 AUTHORISED BY TRANSPORT CONTROLLER  
 Licence No. PKL-D-0045

2678

PUCC No.

प्रमाणपत्र संख्या

Vehicle No.

वाहन पंजी सं०

Make

ब्रेक

Model

मॉडल

Category

वर्ग

Year

वर्ष

Fuel

ईंधन

Date

दिनांक

Time

समय

प्रमाणित किया जाता है.

कि सवांइन का Co

उत्सर्जन के ली वा

1989 की नियम 115 (2)

के निर्धारित स्तर के अनुसार है

यदि आप को कोई शिकायत है

तो कृपया Riginal Top Authority

Panchkula में सम्पर्क करें।

Certified that this vehicles CO  
 emission level conforms to the  
 standards prescribed under Rule  
 115 (2) of CM Rules, 1989.

In case of any complaint, please  
 write District Transport Authority  
 Panchkula

00085000

HR 49A 73

SWARAJ

735FE

Others

01/01/2007

Diesel

24/Nov/2018

18-11-2018

23/May/2019

Valid upto

तक

Rs. 100/-

Flushing Cycle Mean RPM Min 6527 Max 7322

S.No.	RPM(Min)	RPM(Max)	% to 1	% to 2	Torque
1.	0644	2644	0.45%	0.42%	60
2.	0765	2795	0.42%	0.45%	70
3.	0644	2644	0.45%	0.42%	56
4.	0765	2795	0.42%	0.45%	70
5.	0644	2644	0.45%	0.42%	56
6.	0765	2795	0.42%	0.45%	70
7.					
8.					
9.					
10.					
Mean		PASS	0.42%	0.43%	

U.P. No.  
 Valid Up



AUTHORISED SIGNATORY  
 अधिकृत हस्ताक्षर कर्ता

Valid in Delhi (3 months)



TRANSPORT CORPORATION  
 Kalka Shimla Highway, NH-22,  
 Surajpur, Distt. Panchkula  
 Haryana, M. 9356451913



संख्या  
S.No.

प्रमाणपत्र संख्या **2321**

PUC No. **P29600000856**

वाहन पंजी. सं.  
Veh Reg No **HR01AH 0040**

ब्रेक  
Make **MARUTI**

मॉडल  
Model **SWIFT**

इंजन स्ट्रोक  
Engine Stroke **4 WHEEL**

वर्ग  
Category **4 STROKE**

उत्सर्जन  
Emission **1-1-2013**

वर्ष  
Year **BHARAT STAGE IV**

ईंधन  
Fuel **PETROL**

दिनांक  
Date **25-6-2018**

समय  
Time **12:17 PM**

वैधता  
Valid upto **22-12-2018**

# दिल्ली सहित प्रदूषण नियंत्रित प्रमाण-पत्र

## POLLUTION UNDER CONTROL CERTIFICATE

अधिकृत परिवहन उपायुक्त हरियाणा  
AUTHORISED BY TRANSPORT COMMISSIONER, HARYANA

प्रमाणित किया जाता है कि  
इस वाहन का CO उत्सर्जन  
स्तर कं. मो.वा. नियम 1989  
के नियम 115 (2) में निर्धारित  
स्तर के अनुसार है।  
यदि आपको कोई शिकायत  
या टिप्पणी है तो कृपया प्रादेशिक  
परिवहन अधिकारी को लिखें।

In case of any complaint  
comments. Please send  
your response to  
RTA

**Delhi Valid for  
3 Months**

हस्ताक्षरकर्ता  
Authorised Signatory



CO	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	HC	SO <sub>x</sub>	Other
0.3	0.010	200	nHexane	nHexane		



अधिकृत केंद्र  
Authorised Centre

**A.K. Pollution Checking Centre**  
C/o. Mahindera Fuel Junction  
Samana Ballu, Karnal

एक साल की पुरानी मान्य नहीं है



# POLLUTION CONTROL CHECK CERTIFICATE

AUTHORISED BY : TRANSPORT COMMISSIONER, HARYANA

## HAPPY SERVICE STATION, PANCHKULA

CHANDIGARH-KALKAROAD, PANCHKULA (HARYANA) M : 9417077780, 9780647378.

PUC No

Vehicle Reg. No: 00100014081

Make: DL3CAP 2177

Model: HYUNDAI MOTOR

Category: SANTRO

Year: 4 WHEEL

Fuel: 2005

Date: PETROL

Time: 5-11-2018

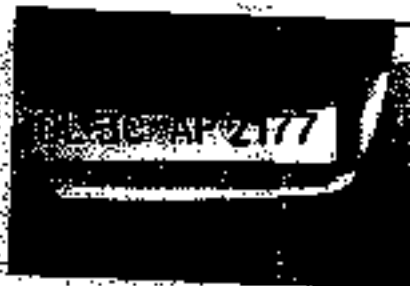
Valid upto: 03:48 PM

4-5-2019

It is Certified that smoke density of this vehicle is confirming the provisions of Rule 115 (2), L.M.V. Rules, 1989



IDLINE CO BY VOLUME		
FULE		
PETROL	0.5	0.056
CNG	750	198



Pollution Four Wheeler Rs. 80/-

In case of any complaint, Secretary, Regional Transport Authority



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# प्रदूषण नियंत्रण प्रमाणपत्र

POLLUTION CONTROL CHECK CERTIFICATE  
 AUTHORISED BY TRANSPORT CONTROLLER  
 Licence No. PKL-P-0044

8520

PUCC No.  
प्रमाणपत्र संख्या

P0027003078

Vehicle No.  
वाहन पंजी सं०

HR 26SD 5466

Make  
ब्रेक

Maruti

Model  
मॉडल

Alto

Category  
वर्ग

4W

Year  
वर्ष

01/01/2010

Fuel  
ईंधन

PETROL

Date  
दिनांक

12/07/2018

Time  
समय

11:48 AM

Valid upto  
वैधता

Jan 11, 2019

**VALID FOR 6 MONTH**  
**Valid In Delhi (3 month)**

प्रमाणित किया जाता है कि संदर्भित वाहन CO उत्सर्जन हेतु 1989 की नियम 115 (2) में निर्धारित स्तर के अनुसार है। यदि आप को कोई क्लेम यात्र से संबंधित Riginal Tpl Authority Panchkula में संपर्क करें।

Certified that this vehicles CO emission level conforms to the standards prescribed under Rule 115 (2) of CM Rules, 1989. In case of any complaint, please contact District Transport Authority Panchkula

Test Gases	Prescribed Value	Measured Value
CO%	3%	0.52
HC PPM	6000	487



AUTHORISED SIGNATORY  
 अधिकृत हस्ताक्षरकर्ता

Rs. 50/- for Two Wheelers (6 Months)  
 Rs. 100/- for Three / Four Wheelers (6 months)

**M/s TRUCKS SUPPLIER CORPORATION**  
 Kalka - Shimia Road,  
 NH-22, Panchkula (Haryana)  
 Mobile : 9356451913