

DLF Homes Panchkula Pvt. Ltd.

SCD - 190,191,192, Sector- B-C,
Chandigarh - 160017
Phone - 0172-4607750,
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Date:- 04/06/2018

To

Advisor

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 31.03.2018 for the project namely " DLF Garden City" at Bhagwanpur, Pinjore, Distt-Panchkula.

Sir,

We are hereby submitting six monthly report for period ending 31.03.2018 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.- 9988001070
Designation- Sr. Mgr
Email- waki-manpreet@dlf.in

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

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

2018

**SIX MONTHLY COMPLIANCE
REPORT
(Period ending 31.03.2018)**

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

Project By:
M/s. DLF Homes Panchkula Pvt. Ltd.
Chandigarh Technology Park, Plot No. 2, Tower-D,
Ground Floor, Chandigarh-160101.

Prepared by:



Eco Laboratories and Consultants Private Limited
E-207, Industrial Area, Phase-VIIB (Sector-74), SAS Nagar (Mohali) Punjab
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Ministry of Environment, Forest & Climate Change
Northern Regional Office,
Chandigarh-160030

DATA SHEET

1.	Project Type	Integrated Township Construction Project
2.	Name of the Project	DLF Garden City Village Islam Nagar, Kalka Pinjore Urban Complex, Sector-3, Panchkula. Project by: M/s. DLF Homes Panchkula Pvt. Ltd.
3.	Clearance letter (s)/O.M No. & dates	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 Annexure I .
4.	Location	
	a) District (s)	Panchkula
	b) State (s)	Haryana
	c) Latitudes/ Longitudes	30°45'08.66"N & 76°54'52.58"E
5.	Address for correspondence	M/s. DLF Homes Panchkula Pvt. Ltd. SCO No. 190-192, Sector-8C, Chandigarh.
6.	Salient features	
	a) of the project	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) of the environmental management plans	Water Requirement: 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.	Break-up of the project area	
	a) Submergence areas: Forest and Non-forest	Not applicable

8.	b) Others	Not applicable
	Break-up of project affected population with enumeration of those losing houses/ dwelling units only, agricultural land only both dwelling units & agricultural land and landless labourers/ artisans.	Not applicable
	a) SC/ST/Adivasis	Not applicable
	b) Others (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).	Not applicable

9.	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference.	Estimated Project Cost: Rs. 594 Crores.

	b) Allocations made for environmental management plans with item wise and year wise break up.	<table border="1"> <thead> <tr> <th data-bbox="901 963 973 1052">S. No.</th> <th data-bbox="981 963 1181 1052">Environment Management Plan</th> <th data-bbox="1189 963 1348 1052">Capital Investment</th> <th data-bbox="1356 963 1532 1052">Recurring Expenditure</th> </tr> </thead> <tbody> <tr> <td data-bbox="901 1064 973 1299">1.</td> <td data-bbox="981 1064 1181 1299">Dust Management during construction phase as sprinkling of water</td> <td data-bbox="1189 1064 1348 1299">-</td> <td data-bbox="1356 1064 1532 1299">Rs. 5,000 per month</td> </tr> <tr> <td data-bbox="901 1310 973 1433">2.</td> <td data-bbox="981 1310 1181 1433">Provision of DCG sets with acoustic enclosures</td> <td data-bbox="1189 1310 1348 1433">Rs. 30.8 Lacs</td> <td data-bbox="1356 1310 1532 1433">Rs. 50,000 per month</td> </tr> <tr> <td data-bbox="901 1444 973 1579">3.</td> <td data-bbox="981 1444 1181 1579">Provision of safe water supply to labours</td> <td data-bbox="1189 1444 1348 1579">-</td> <td data-bbox="1356 1444 1532 1579">Rs. 15,000 per month</td> </tr> <tr> <td data-bbox="901 1590 973 1814">4.</td> <td data-bbox="981 1590 1181 1814">Provision of septic tanks and other hygienic measures at labours coming site.</td> <td data-bbox="1189 1590 1348 1814">Rs. 4.0 lacs</td> <td data-bbox="1356 1590 1532 1814">Rs. 11,400 per month</td> </tr> <tr> <td data-bbox="901 1825 973 1881">5.</td> <td data-bbox="981 1825 1181 1881">Provision of First Aid</td> <td data-bbox="1189 1825 1348 1881">-</td> <td data-bbox="1356 1825 1532 1881">Rs. 36,000 per month</td> </tr> <tr> <td data-bbox="901 1892 973 1982">6.</td> <td data-bbox="981 1892 1181 1982">Tree plantation and landscaping</td> <td data-bbox="1189 1892 1348 1982">Rs. 200 Lacs</td> <td data-bbox="1356 1892 1532 1982"></td> </tr> <tr> <td data-bbox="901 1993 973 2060">7.</td> <td data-bbox="981 1993 1181 2060">Waste management</td> <td data-bbox="1189 1993 1348 2060">Rs. 45 Lacs</td> <td data-bbox="1356 1993 1532 2060"></td> </tr> </tbody> </table>	S. No.	Environment Management Plan	Capital Investment	Recurring Expenditure	1.	Dust Management during construction phase as sprinkling of water	-	Rs. 5,000 per month	2.	Provision of DCG 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	
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		8.	Provision of PPE for workers including safety measures at site	-	Rs. 80,000 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. 100,000 per six months
	c) Benefit cost ratio/internal rate of return and the year of assessment	Benefit cost ratio/ internal rate will be calculated and submitted.			
	d) Whether (c) includes the cost of environmental management as shown in b) above.	Yes			
	e) Actual expenditure incurred on the project so far.	Rs. 574 Crores			
	f) Actual expenditure incurred on the environmental management plans so far.	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. 2 Lakhs.			
10.	Forest land requirement:				
	a) the status of approval for diversion of forest land for non-forestry use	Not Applicable.			
	b) the status of clear felling, if any	Not Applicable.			
	c) the status of compensatory afforestation, if any.	Not Applicable.			
	d) Comments on the viability & sustainability of compensatory Afforestation programme in the light of actual field experience so far.	Not Applicable.			
11.	The status of clear felling in non forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information	Not applicable			
12.	Status of construction:				

	a) Date of commencement (actual and/or planned)	October, 2011 (Actual)
	b) Date of completion (actual and/or planned)	December, 2013 (Planned) Photographs showing the status of the project are attached along as Annexure 2 .
13.	Reasons for the delay, if the project is yet to start	Not applicable

Compliance report on conditions imposed in Environmental Clearance for Period ending 31.03.2018

PART A - SPECIFIC CONDITIONS

I. Construction Phase

S. No.	EC Conditions	Compliance Status
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. "Consent to Establish" has been obtained from Haryana State Pollution Control Board Under Air and Water Act.
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 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 project site for construction 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 material must be secured so that they	Construction spoils including bituminous material and other hazardous materials is being stored separately and not allowed to contaminate water sources. The dump sites for such

	should not leach to the ground water.	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 Annexure 3.
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 th 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 Vindec 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 Nos. of RWH pits will be constructed in due course of time.
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.
18.	The project proponent shall obtain assurance from the CHBVN 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 SEJAA 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 is being 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 included 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 practical 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 roads 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 is being 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/Pk/506 dated 12.05.2017 and is valid upto 12.06.2018. Copy of the same is attached as Annexure 4.
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 refuge 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	Agreed and accepted. The approval for ground water abstraction has been obtained from CGWA vides letter No. 21-4(461)/NWR/CGWA/2011-1516

	including their integration with external services of HUDA/ Local authorities beside other required services before taking up any construction activity.	Copy of same is attached as Annexure 5.
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 SFLAA	Agreed. The storm water drainage system is being provided as per the approved layout plan.

43.	Haryana 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/ DIBVN 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:

Sr. 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/2821216PANC102517288 dated 01.02.2016 which is valid upto 31.03.2026. Copy of Consent to Operate is attached as Annexure 6.
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	Agreed. The sewage treatment plant has already been installed at the project site.

	<p>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 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 is being followed for tertiary 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. Test Reports are attached along as Annexure 3.</p>

<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.</p>	<p>Agreed. The adequate area is being maintained for the landscaping and tree plantation. Photographs showing the same are attached along as Annexure 2.</p>
<p>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 evapotranspiration data.</p>	<p>Agreed. Water minimization techniques are being followed to minimize the consumption of water for landscaping.</p>
<p>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.</p>	<p>Rain water harvesting has been implemented.</p>
<p>10. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.</p>	<p>Agreed. The copy of approval for ground water abstraction from CGWA is attached as Annexure 5.</p>
<p>11. A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared</p>	<p>Agreed. It will be submitted along with next six monthly report.</p>

	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 Annexure 2.
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 MSW 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 Annexure 2.
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. All measures are being followed to maintain the environment.
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 Annexure 3 .
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 shall be installed.
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 Air Ventilation and lights system in the	Agreed.

	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 Annexure 2 .
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 complied 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 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 is enclosed as Annexure 7 .
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 required, without delay.	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.

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 prior Environmental Clearance.	The construction work was started only after obtaining the 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 (CESR) 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.11(1) 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 CESR 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 STIAA/RO MoEF, GoI under rules prescribed for 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 Annexure 8.
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, fresh EC will be obtained.
15.	Besides the developer/ applicant, the responsibility to ensure the compliance of	Environmental safeguards/ conditions imposed in the Environmental Clearance

	Environmental Safeguards' conditions imposed in the Environmental Clearance letter shall also lie on the licensee/ licensees in whose name/ names the license/ CLU has been granted by the town & Country Planning Department, Haryana	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 _{2.5} , PM ₁₀ , SO _x , NO _x , 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 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 statements for each financial year ending 31 st 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. Form V will be submitted with the next six monthly report.
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 interval.

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY HARYANA
 Plot No. 55/58, Prayagrah Bhawan, Sector-2, PANCHKULA.

No. SEIAA/HRE/2015/109

Dated: 22.05.2015

To

M/s DLF Homes Panchkula Pvt. Ltd.
 C/o Maulander Singh AVZ Chandigarh Technology Park,
 Plot No 2, Tower D, Ground Floor, Chandigarh 160001

Subject: Environment Clearance for the Revision and Expansion of DLF Township "DLF Garden City" at village Islam Nagar, Kalka Phase 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. SEIAA, Haryana received on 04.12.2012 and subsequent letters dated 03.01.2013, 06.07.2013, 15.03.2013 and 25.05.2013 seeking prior Environmental Clearance for the above project under the EIA Notification, 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, 25.12.2013, 30.04.2013 and 18.06.2013 regarding "GoI" grading to the project.

It has been approved that the project involves the Revision and Expansion of DLF Township "DLF Garden City" at village Islam Nagar, Kalka Phase Urban Complex Sector-3, Panchkula. The project is recommended.

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It is advised that the project is approved on the condition that the applicant shall comply with the conditions stipulated in the EIA/EMP and other relevant documents. The applicant shall also ensure that the project is implemented in accordance with the approved TOR and other relevant documents.

conditions. Accordingly, the State Environment Impact Assessment Authority in its meeting held on 09.01.2015 decided to agree with the recommendations of SEAC in respect 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 Establishment" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the start of any construction work at site.
- [2] A fog and rain 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 neighbouring communities and should be disposed of after taking necessary precautions for

reduce ambient air pollution and noise level during construction phase, so as to conform to the stipulated residential standards of CPCB (March).

110] Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and its amendment 27th August 2003.

111] Storm water control and its use as per CCMB and BIS standards for various applications should be ensured.

112] Water demand during construction shall be reduced by use of pre-mixed concrete, curing agents and other best practices.

113] Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.

114] Outer walls 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.

115] 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.

116] The Project Proponent as stated in proposal shall construct 25 lpcd per cu water harvesting pits for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silt chamber and removal of floating matter before entering harvesting pit. Maintenance budget and person responsible for maintenance shall be provided. There shall also be a tank for collection of water for domestic use.

117] The project proponent shall provide 25 lpcd per sq. ft. of area for rain water harvesting for every 100 sq. ft. of built up area. The rain water harvesting system shall be designed to collect rain water from the roof of the building and store it in a tank for domestic use.

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- [20] The Project Proponent shall not raise any construction in the natural Low depression / Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed.
- [21] The Project Proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding.
- [22] Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department, Jharkhand.
- [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 landscaping plan should be modified to include those trees in green area.
- [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.
- [26] The Project Proponent shall provide 3 meter high barricade around the project area, dust sheet 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 dust control, proper width and proper

[29] The Project Proponent shall ensure that the construction is carried out in such a manner

[30] The Project Proponent shall ensure that the construction is carried out in such a manner

[31] The Project Proponent shall ensure that the construction is carried out in such a manner

[32] The Project Proponent shall ensure that the construction is carried out in such a manner

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- [34] The project proponent shall seek specific plan approval from concerned Local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA. Local authorities beside offer required services before taking up any construction activity.
- [35] The site for solid waste management plan be earmarked on the layout plan and the detailed project for setting up the solid waste management plan shall be submitted to the Authority within five months.
- [36] The project proponent shall discharge excess of treated waste water into water in the public drainage system and shall seek permission of HUDA before the start of construction.
- [37] The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.
- [38] The Environmental Clearance to this project is subject to obtaining forest 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 this project only after the recommendation of Standing Committee of NBWL in this case.
- [39] The project proponent shall ensure that the ground level of the building block to be minimum 1.5 meter above highest flood level as per study carried out.
- [40] The project proponent shall obtain NOC from Irrigation Department before the start of development work.
- [41] The project shall have the provision for infrastructure services (water supply, sewer, storm water lines etc.) to accommodate the additional load arising from development and to be done before start of the project in its vicinity.
- [42] The project shall be built in the storm water drainage system in the project area and shall be connected to the main storm water drainage system of the project.
- [43] The project shall be built in the storm water drainage system of the project and shall be connected to the main storm water drainage system of the project.
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Operational Phases:

(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 SIDA, Haryana.

(b) The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including odor and inerted 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 SIDA, 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/ 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 depending upon the initial accuracy as the case may be.

(c) Separation of the grey and blackwater 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 re-cycled water will be used for flushing, gardening and DCR set cooling etc.

(d) For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.

(e) The project proponent shall provide adequate resources or back-up power for life support of the effluent treatment plant. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply.

(f) The project proponent shall provide adequate resources or back-up power for life support of the effluent treatment plant. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply.

(g) The project proponent shall provide adequate resources or back-up power for life support of the effluent treatment plant. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply.

(h) The project proponent shall provide adequate resources or back-up power for life support of the effluent treatment plant. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply. The plant shall be designed to handle the peak flow of effluent and shall be equipped with a standby power supply.

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

- (ii) The project proponent shall strive to minimize water irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilize an efficient irrigation system, scheduling irrigation, only water checking evapo-transpiration data.
- (iii) Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before receiving the surface run-off, pre-treatment through sedimentation tank 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 RWTP pit. The project proponent shall adopt 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.
- (iv) The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- (v) 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 & F Factors etc and submitted to the SFERA, Jharkhand in three month's time.
- (vi) 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 included in the project cost estimation. Use of solar panels for power generation should be included in the project cost estimation.
- (vii) The project proponent shall have to prepare a plan to plant an equal number of saplings for every tree cut down during construction and also have to install components of afforestation system in the site of the project.
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101. The project manager shall ensure that the project is completed within the specified time frame and that the project is completed within the specified budget.

102. The project manager shall ensure that the project is completed within the specified time frame and that the project is completed within the specified budget.

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109. The project manager shall ensure that the project is completed within the specified time frame and that the project is completed within the specified budget.

resorted for conservation of power and water. Cold type cooling DCI Sets shall be used for saving cooling water consumption for water cooled DCI Sets.

- (vii) 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.
- (viii) Water supply shall be metered among different users and different utilities.
- (ix) 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.
- (x) 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.
- (xi) The project proponent shall provide additional green areas on terraces and roof top.
- (xii) The project proponent shall ensure proper Air Ventilation and light system in the basement 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.

(xiii) The project proponent shall install water filter for drinking water in the project area to ensure the safety of drinking water. The project proponent shall ensure that the water supply system is maintained in good condition.

TERMS AND CONDITIONS

(i) The project proponent shall ensure that the project is completed within the stipulated time frame. The project proponent shall ensure that the project is completed within the stipulated time frame. The project proponent shall ensure that the project is completed within the stipulated time frame.

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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.

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

(vi) 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.F.A. 1960, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.

(vii) The Project proponent should inform the public that the project has been accorded Government 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.

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

(ix) Any violation of the clearance conditions shall be liable to National Environmental Enforcement Act, 1986 and the provisions of Environment (Protection) Act, 1986.

(x) The project proponent shall ensure that the project is implemented in accordance with the clearance conditions and shall submit a compliance report to SEIAA Haryana at the end of the project.

(xi) The project proponent shall ensure that the project is implemented in accordance with the clearance conditions and shall submit a compliance report to SEIAA Haryana at the end of the project.

(xii) The project proponent shall ensure that the project is implemented in accordance with the clearance conditions and shall submit a compliance report to SEIAA Haryana at the end of the project.

- (xiii) The Project Promoter shall ensure that no vehicle during construction/operation, please enter the project premises without valid Pollution Under Control Certificate from competent Authority.
- (xiv) The project promoter shall seek fresh environmental clearance if at any stage there is change in the planning of the proposed project.
- (xv) Besides the developer/prop.com, the responsibility to ensure the compliance of Environmental Safeguards conditions imposed by the Environmental Clearance letter shall also lie on the licensee/licensees in whose name/names the license/CLD has been granted by the Town & Country Planning Department, Biryani.
- (xvi) The promoter 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 M&ES, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels, namely: PM_{2.5}, PM₁₀, SO₂, NO_x, Ozone, Lead, CO, Benzene, Ammonia, Benzopyrene, arsenic and Nickel (Archieve levels as well as stack emissions) or critical sectoral parameters, specified 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 31st March in Form-V as is mandated to be submitted by the project promoter to the HSPCB Parbhani 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 M&ES by e-mail.
- (xviii) The project promoter 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 monitoring report.

PHOTOGRAPHS OF THE PROJECT



**PHOTORPAPHS OF THE GREEN AREA PROVIDED WITHIN THE
PROJECT PREMISES**







Eco Laboratories & Consultants Pvt. Ltd.

MOEF / PPCB / HSPCB / BIS approved Laboratory
 ISO - 9001 : 2015, 14001 : 2015 OHSAS-18001:2007
 CIN : U74140PB2011PTC034739




TEST REPORT

Test Report No.: EL300518EC017	SC 11-19/2014	Date of Issue: 04/06/2018	Page: 1 of 1
Customer	DLF Garden City Vill.- Bhagwanpur, Pinjore, Distt.- Panchkula, Haryana		
Work Order No. & Date	Telephonic Order Dt. 22/05/2018		
Type of Sample	Ground Water		
Mode of Sample Collection	Sampling by laboratory		
Sampling Protocol	IS: 3025 (P-1) 1987 R1998 Amdt-1		
Date of Sampling	30/05/2018		
Sampling Location/Source of sample	From Tap (E-3 Block)		
Packing, Marking, Seal & Quantity	Plastic Bottle & Glass Bottle Marked 'M/30/01' 2 Litre + 250ml		
Date of Sample Receipt	30/05/2018		
Sample Receipt No.	053098118		
Period of Analysis	30/05/2018 to 04/06/2018		
Sample Condition/Observation	Clear colourless liquid		
Testing Protocol	IS:3025 & APHA 22 nd Ed. 2012		


RESULTS

S. No.	Test Parameter	Units	Results	Requirement (Acceptable Limit)	Permissible Limit in absence of Alternate Source	Test Method
1	Colour	Hazen	BDL [MDL.5]	5	15	APHA-22 nd Ed 2012-2120 B
2	Total Hardness as CaCO ₃	mg/l	228	200	600	APHA-22 nd Ed 2012-2340C
3	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5)1983, RA2002
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8)1984, RA 2006
5	Turbidity	NTU	BDL [MDL0.1]	1	5	APHA-22 nd Ed 2012- 2130B
6	Chloride as Cl	mg/l	23	250	1000	APHA-22 nd Ed 2012- 4500 B
7	pH	-	7.30	6.5-8.5	No relaxation	APHA-22 nd Ed 2012 -4500B
8	Iron as Fe	mg/l	BDL [MDL0.05]	0.3	No relaxation	APHA-22 nd Ed 2012-3500Fe-B
9	Total Coliforms	MPN/100ml	<2*	Absent	-	IS:1622-1981 RA 2003-3.3.1
10	E.Coli	MPN/100ml	<2*	Absent	-	IS:1622-1981 RA2003-3.3.1/3.3.4

Remarks (if any): *<2 is minimum detection limit as per IS 1622 method and is equal to absent.
 BDL Below Detection Level; MDL Method Detection Level.


 Analyst/Lab In-charge

Authorized Signatory (Chemical)


 (Er. Sandeep Garg)
 Managing Director

End of Report

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PTO

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
 Format No. : F/5.10-01/01



Eco Laboratories & Consultants Pvt. Ltd.

MOEF / PPCB / HSPCB / BIS approved Laboratory
ISO - 9001 : 2015, 14001 : 2015 OHSAS-18001:2007
CIN : U74140PB2011PTC034739



TEST REPORT

Test Report No.: EL300518EC018	22-12-19/2018	Date of Issue, 04/06/2018	Page-1/1	
Customer	DLF Garden City Vill.- Bhagwanpur, Pinjore, Distt.- Panchkula, Haryana			
Work Order No. & Date	Telephonic Order Dt. 22/05/2018			
Type of Sample	Soil			
Mode of Collection of Sample	Sampling by Laboratory			
Date of Sampling	30/05/2018			
Sampling Location	Near Block (E-2)			
Packing, Markings, Seal & Quantity	Poly Bag Marked 'M/30/01' 1kg			
Date of Receipt of sample	30/05/2018			
Sample Receipt No.	053098018			
Period of Analysis	30/05/2018 to 04/06/2018			
Remarks & Observation	Brown Colored Soil			
S. No	Test Parameters	Unit	Results	Test Method
1.	pH	-	8.01	IS : 2720 (P-26) 1987
2.	Electrical Conductivity	mmhos/cm	0.342	IS:14767,2000
3.	Soil Moisture Content	%	8.0	IS 2720 (P- 2) 1973 RA 2002
4.	Soil Texture	-	Loam	IS 2720 (P-4)1985
5.	Bulk Density	gm/cc	1.76	IS 2720 (P-3) 1980
6.	Organic Matter	%	0.79	IS 2720 (P- 22)1972 RA 2010


Analyst/Lab In-charge

(Chemical)

Authorized Signatory (Chemical)



(Er. Sandeep Garg)
Managing Director

****End of Report****



Eco Laboratories & Consultants Pvt. Ltd.

MOEF / PPCB / HSPCB / BIS approved Laboratory
ISO - 9001 : 2015, 14001 : 2015 OHSAS-18001:2007
CIN : U74140PB2011PTC034739



TEST REPORT

Test Report No.: EL310518EC009	EL-14-19/2016	Date of Issue: 04/06/2018	Page No. 1/1
Customer	DLF Garden City Vill.- Bhagwanpur, Pinjore, Distt.- Panchkula, Haryana		
Work Order No. & Date	Telephonic Order Dt. 22/05/2018		
Type of Sample	Ambient Air		
Sampling Protocol	IS: 5182 (P-14) 2000/CPCB Guidelines & Customer's Requirements		
Date of Sampling	30/05/2018		
Mode of Collection of Sample	Sampling by Laboratory		
Name of Sampling Location	Near Pota Cabin		
Date of Sample Receipt	31/05/2018		
Sample Receipt No.	053199018		
Period of Analysis	31/05/2018 to 02/06/2018		
Testing Protocol	NAAQS 2009		

TEST RESULTS

S. No	Test Parameter	Unit	Results	NAAQ Standard	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	110	100	IS:5182 (P-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	64	60	Lab SOP EL/SOP/AA/Q/01, Issue No.03 & Dated 01.01.2016
3.	Sulphur Dioxide (SO ₂)	µg/m ³	9.9	80	IS:5182 (P-2) 2001
4.	Oxides of Nitrogen	µg/m ³	20	80	IS:5182 (P-6) 2006
5.	Ammonia (NH ₃)	µg/m ³	32	400	Lab SOP EL/SOP/AAQ/02, Issue No. & Issue Date 03 & 01.01.16
6.	Ozone (O ₃)	µg/m ³	19	180	IS:5182 (Part-9)2006
7.	Carbon Monoxide (CO)	mg/m ³	BDL[MDL1.5]	04	Lab SOP EL/SOP/AAQ/03, Issue No.03 & Date 03 & 01.01.16

Note: BDL-Below Detection Level; MDL Method Detection Level

Analyst/Lab In-charge


(Chemical)

Authorized Signatory (Chemical)


(Er. Sandeep Garg)
Managing Director

End of Report

ॐ

PTO

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

Format No. : F/5.10-01/01



Eco Laboratories & Consultants Pvt. Ltd.

MOEF / PPCB / HSPCB / BIS approved Laboratory
 ISO - 9001 : 2015, 14001 : 2015 OHSAS-18001:2007
 CIN : U74140PB2011PTC034739



TEST REPORT

Test Report No.: EL310518EC010	EL-18-19/2017	Date of Issue: 04/06/2018	Page: 1 of 1
Customer	DLF Garden City Vill.- Bhagwanpur, Pinjore, Distt.- Panchkula, Haryana		
Work Order No. & Date	Telephonic Order Dt. 22/05/2018		
Type of Sample	Ambient Noise		
Mode of Sample Collection	Sampling by Laboratory		
Sampling Protocol	IS: 9989 1981 (Reaff. 2002) & Customer's Requirements		
Date of Sampling	30/05/2018		
Name of Sampling Location	Near Pota Cabin		
Date of Sample Receipt	31/05/2018		
Sample Receipt No.	053198918		
Period of Analysis	31/05/2018 to 01/06/2018		
Testing Protocol	IS: 9989 1981 (Reaff. 2002)		

TEST RESULTS

S. No.	Test Parameter	Unit	Results	Test Method
1.	Day Time Noise Level	dB(A)	53	IS: 9989 1981 (Reaff. 2002)

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

Analyst/Lab In-charge

(Chemical)

Authorized Signatory (Chemical)

(Er. Sandeep Garg)
Managing Director

End of Report

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PTO

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
 Format No. : F/5.10-01/01

Memorandum No. 414/P/14

Dated: 25/5/14

Form IM-6
(Sec rule 22(2))

STP No. 200

Standard permits for the grant till on disposal of disposal of mine or closed incidental to development/land activities

Whereas M/s. Sarda Infra Projects (P) Pvt. Ltd. C-103/402, 2nd Floor, Lal Bahadur Nagar, New Delhi, has applied for the grant of a permit under Rule 27 to 35 of the Haryana (Mines) Mineral Concessions, Stocking & Transportation of Minerals and Prevention of Illegal Mining Rules, 2012 for disposal of O'Clay 2695 MT, Stone 291 MT and Baux 355 MT from excavation/ removal from Vill. Bhagwanpur, Sector-3, Panipat, District of Haryana incidental to their development project. The applicant has have submitted all amount of Rs. 5000/- (with STP Fee) and security is already of Rs. 500/- (the amount of tax/levy)

The permission is hereby granted for disposal of the mineral O'Clay, Stone & Bauxite 2695 MT excavated/removed from the storage area subject to the condition that the disposal will be done by the safety guards for such excavation or removal. The permit holder shall be responsible for the disposal of the ordinary clay, stone and bauxite from the site on the excavation only of the said mineral. The permit is granted for a period of 12 months from the date of issue of the permit.

The amount of security deposit shall be Rs. 5000/-. The security amount shall be refunded within a period of 12 months from the date of issue of the permit. The permit holder shall be responsible for the disposal of the ordinary clay, stone and bauxite from the site on the excavation only of the said mineral.

It is directed that the permit holder shall be responsible for the disposal of the ordinary clay, stone and bauxite from the site on the excavation only of the said mineral.

It is directed that the permit holder shall be responsible for the disposal of the ordinary clay, stone and bauxite from the site on the excavation only of the said mineral.

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It is directed that the permit holder shall be responsible for the disposal of the ordinary clay, stone and bauxite from the site on the excavation only of the said mineral.

Central Ground Water Authority

Ministry of Water Resources

Government of India

No. 21-4(461)/NW/R/CGWA/2011-1516

Date: 10 OCT 2011

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

Subject: 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-Kaifia Village Complex, Village Bhagwanpur & Bhaini Nagar, Block Panchkula, Tehsil Kaifia, District Panchkula, Haryana - 150101.

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 m³/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 m³/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/rain 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)
Secretary

for Member Secretary

Copy for information to the:

1. Member Secretary, Haryana State Pollution Control Board, C-11, Sector 1, Panchkula, Haryana, with a request to ensure that Rain Water Harvesting and Artificial Recharge measures are being implemented by the firm and quantity of withdrawal is not exceeding 1502 m³/day.
2. Regional Director, Central Ground Water Board, North Western Region, Panchkula, P.O. No. 2/3-N, Sector 27 A, Madhya Marg, Chandigarh - 160019. This has reference to your letter No. 4(172)/HR/DLF Valley/WR/S&A/2011-1595 dated 20.07.2011.
3. TS to Chairman, Central Ground Water Board, NH-IV, Yandrubad.

Secretary
for Member Secretary

Wing: Block-2, Wing-J, Ground Floor, B. K. Pitam, Sector-3, New Delhi - 110006
Tel: (011) 26175362, 26175373, 26175387; Fax: (011) 26175336
e-mail: cgwa@cgwa.gov.in web site: <http://cgwa.gov.in>



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

Website - www.hspcb.gov.in E-Mail - hspcb.pkh@xifynmail.com

Tele Fax No. - 0177-2577870-73

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 officers/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/UDA/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 Babul 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 transboundary 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 HWTRM 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 H/O/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.

SCG - EBD.191,192, Sector- R-C,
Chandigarh - 160009
Phone - 0172-4237750, 4921020
Website: www.dlf.in
CIN No. L4540214071017911 (Panchkula)



Date:

To

Advisor
Ministry of Environment, Forests, & 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 30.09.2017 for the project namely " DLF Garden City" at Bhagwanpur, Panchkula, Distt-Panchkula.

Sir,

We are hereby submitting six monthly report for period ending 30.09.2017 in the form of Data Sheet along with compliance of the stipulated environmental conditions. All relevant details/documents are attached as enclosure 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.

For DLF Homes Panchkula Pvt. Ltd.

(Handwritten Signature)
Authorized Signatory

(Authorized Signatory)
Name- *MANPREET SINGH*
Contact No- *998801070*
Designation- *Sr. Mgr*
Email- *wahl-manpreet@gmail.com*

Manpreet Singh
26/12/17

CC to: Member Secretary, SEIAA Haryana, C/o Haryana Pollution Control Board, Panchkula, 1st Floor Sector-2, Panchkula Haryana

प्रदूषण नियंत्रण प्रमाणपत्र

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

PUCG No.
 प्रमाणपत्र संख्या
 Vehicle No.
 वाहन पंजी सं०
 Make
 ब्रेक
 Model
 मॉडल
 Category
 वर्ग
 Year
 वर्ष
 Fuel
 ईंधन
 Date
 दिनांक
 Time
 समय

प्रदर्शन किस तरह है
 00033016 सिटी इन्डिया को. लि.
 उत्तरांचल के. सी. वा.
 1989 की नियम 115 (2)
 के अनुसार वाहन के अनुसार है।
 यदि अथवा कोई शिकायत है
 तो प्रदूषण Regional Tpt. Authority
 Panchkula से 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
 write District, Transport Authority,
 Panchkula
 01/01/2012
 Digital
 22/Dec/2017
 03:17:36 PM

Sl.No.	RPM (Min)	RPM (Max)	CO (g/km)	HC (g/km)	PM10 (g/km)	PM2.5 (g/km)	Result
1.	0365	3254	0.51*	42.6%	66		
2.	0532	2544	0.35*	35.4%	70		
3.	0565	3254	0.51*	42.6%	66		
4.	0532	2544	0.35*	35.4%	70		
5.	0365	3254	0.51*	42.6%	66		
6.	0532	2544	0.35*	35.4%	70		
7.							
8.							
9.							
10.							
Mean			PASS	0.45*	40.05%		



AUTHORIZED SIGNATORY
 अधिकृत हस्ताक्षर कार्की

Kalka Shimla Road,
 NH-22, Panchkula (Haryana)
 Mobile : 9356451913

Valid upto
 संवत्स 21/Jan/2018
 VALID FOR 6 MONTH
 Valid in Delhi (3 months) } Rs. 100/-



POLLUTION CONTROL CHECK CERTIFICATE

प्रदूषण नियंत्रित प्रमाण पत्र

Authorised By : STATE TRANSPORT AUTHORITY
CHANDIGARH ADMINISTRATION

LIC No. STA/2013

Rs. 50/-

PUGC NO. Pb.
प्रमाण पत्र संख्या

AFISAAT-00319031

प्रमाणित किया जाता है कि
इस वाहन का Co.

आइडलिंग पर Co स्तर (%
Co Level at Idling (% volume)

Vehicle Reg. No.
वाहन पंजीकरण संख्या

DL30-AP-2177

उत्सर्जन स्तर को नो. वा.
नियम, 2001 के नियम 170
E (2) से निर्धारित स्तर के
अनुसार है।

Fuel	Prescribed Co Standard	Measured Co Level	Prescribed HC Level	Measured HC Level
Petrol				
CNG & LPG	0.5	0.3	751 nHexas	477 nHexas

Make
ब्रांड

HMJKDA

यदि आपको कोई
शिकायत या टिप्पणी है तो
कृपया एम टी ए चण्डीगढ़
यू.टी. से सम्पर्क करें।

Model
संस्करण

Santro Neo

In Case of any complaint STA
Chandigarh U.T.

Category
श्रेणी

4 Wheeler

हस्ताक्षर

Year
वर्ष

2010/2015

Authorised Signatory

Fuel - Petrol/CNG, LPG.
इंधन

Date
दिनांक

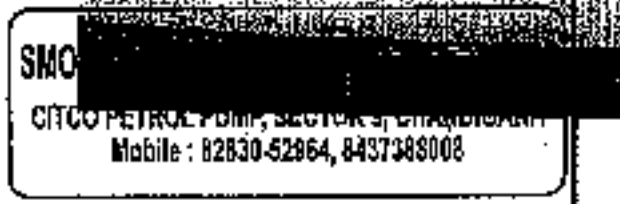
22/04/2018

Time
समय

05:27:24 PM

Valid Upto
वैधता

26/10/2018



Valid for Six Months.
Valid for Three Months in Delhi.

FIRST & THIRD PARTY INSURANCE DONE HERE

ALL INDIA VALID

प्रदूषण नियंत्रण प्रमाणपत्र

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

PUC No.

प्रमाणपत्र संख्या

Vehicle No.

वाहन संख्या

Make

ब्रेक

Model

मॉडल

Category

वर्ग

Year

वर्ष

Fuel

ईंधन

Date

दिनांक

Time

समय

प्रमाणित किया जाता है

दोषरहित है कि वाहन का CO

उत्सर्जन 0.51% है।

1989 की नियम 15 (2)

HR 1986 अधिनियम के अनुसार है।

यदि आप इसे कोई निम्नलिखित है

ते, प्रमाण Regional Tpi. Authority

Panchkula में वापस करें।

Certified that this vehicle is in
 (grossing level) conforms to the
 standards prescribed under Rule
 115 (2) of CM Fuses, 1989.
 In case of any complaint, please
 write to: State Transport Authority,
 Panchkula

Flushing Cycle Mean RPM Min 0542 Max 1833

S.No.	RPM(Min)	RPM(Max)	K.m-1	%SD%	Temp
1.	0532	2544	0.35%	48.4%	70
2.	0365	3254	0.51%	47.6%	66
3.	0532	2544	0.35%	40.4%	70
4.	0365	3254	0.51%	49.8%	66
5.	0532	2544	0.35%	39.4%	70
6.	0365	3254	0.51%	45.0%	66
7.					
8.					
9.					
10.					
Mean		0.45%		48.5%	



AUTHORISED SIGNATORY
 अधिकृत हस्ताक्षर करें

Kaika SP Infra Road
 NH-22, Panchkula (Haryana)
 Mobile : 9356451013

Valid upto 21/Jun/2019
 वैधता 21/06/2019
 VALID FOR 5 MONTH } Rs. 100/-
 Valid in Delhi (3 months)

ALL INDIA VALID

प्रदूषण नियंत्रण प्रमाणपत्र

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

PUC No.

प्रमाणपत्र क्रमांक

20023018690

प्रमाणित किया जाता है

कि संकेतन का CO

उत्सर्जन को सी. सी.

1989 की नियम 116 (2)

के विहित स्तर से अधिक है।

HR 45A 096

पुणे और कोयंबटूर में

से राज्य Regional Tpl. Authority

Panaji के अधीन है।

MAHARAJ

Model

मॉडल

Category

श्रेणी

753 PE

Year

वर्ष

01/03/2006

Fuel

ईंधन

Diesel

Date

दिनांक

24/Dec/2017

Time

समय

12:13:59 PM

Valid upto 23/Jun/2018
वैधता

VALID FOR 6 MONTHS } Rs. 100/-
Valid in: Delhi (3 months)

Flushing Cycle Program Run No. 0527 Max 1522

S.No.	RPM(Min)	HPM(Max)	K (lit)	HSQ%	Temp
1.	0532	2544	0.334	35.4%	70
2.	0385	3254	0.314	38.6%	66
3.	0532	2544	0.284	35.4%	70
4.	0385	3254	0.314	38.6%	66
5.	0532	2544	0.354	35.4%	70
6.	0385	3254	0.314	38.6%	66
7.					
8.					
9.					
10.					
MIRPT		PASS	0.454		38.9%

01/03/2006

Fuel

ईंधन

Diesel

Date

दिनांक

24/Dec/2017

Time

समय

12:13:59 PM

Valid upto 23/Jun/2018
वैधता

VALID FOR 6 MONTHS } Rs. 100/-
Valid in: Delhi (3 months)



AUTHORISED SIGNATURE
अधिकृत हस्ताक्षर यहाँ

M/s. TRUCKS SUPPLIER CORPORATION
Kalka-Shimla Road,
NH-22, Panchkula (Harayanal)
MOB No: 9355451913

ALL INDIA VALID

प्रदूषण नियंत्रण प्रमाणपत्र

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

PUGC No. प्रमाणन संख्या
 00023015
 Vehicle No. वाहन संजी सं
 HR 49A 7605
 Make ब्रेक
 SWARAJ
 Model मॉडल
 755 7E
 Category वर्ग
 Tempo
 Year वर्ष
 01/03/2008
 Fuel ईंधन
 Diesel
 Date दिनांक
 27/06/2017
 Time समय
 03:11:47 PM

प्रारित किया जाय है
 एलकॉम एल सी ए
 1989 की नियम 115 (2)
 में निर्धारित दर के अनुसार है।
 यदि आप को कोई शिकायत है
 तो कृपया Regional Tol. Authority
 Panchkula से 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
 write District, Transport Authority,
 Panchkula

Polluting Cycle Mean RPM Min 0542 Max 1855					
S.No.	RPM(Min)	RPM(Max)	Km-1	HSU%	Temp
1.	0365	3254	0.51#	42.6%	66
2.	0532	2544	0.35#	35.4%	70
3.	0365	3254	0.51#	42.6%	66
4.	0532	2544	0.35#	35.4%	70
5.	0365	3254	0.51#	42.6%	66
6.	0532	2544	0.35#	35.4%	70
7.					
8.					
9.					
10.					
Mean		PASS	0.45#	40.4%	



AUTHORISED SIGNATORY
 अधिकृत हस्ताक्षर कर्ता

Mr. PRADIP SINGH RAJAN
 Kalka -Shimla Road,
 NH-22, Panchkula (Haryana)
 Mobile : 9356451913

Valid upto 21/Jun/2018
 वैधता
 VALID FOR 6 MONTH
 Valid in Delhi (3 months) } Rs. 100/-

प्रदूषण नियंत्रण प्रमाणपत्र

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

PUC No. **गामिन किया जाता है**
 प्रमाणपत्र संख्या **UHQ27038**
 Vehicle No. **उत्तरक के जी 4**
 गाहन पंजी No **HR 49A 73**
 Make **SWARAJ**
 Model **ते ह्या Regional Tpt Authority Panchkula के माफिक रहे**
 Category **Tempo**
 Year **01/01/2007**

S.No.	RPM(Min)	RPM(Max)	R m-1	MSD%	Temp
1.	0532	2344	0.39#	45.4%	70
2.	0365	3254	0.51#	40.6%	66
3.	0532	2544	0.35#	49.4%	70
4.	0365	3254	0.51#	47.6%	66
5.	0532	2544	0.35#	40.4%	70
6.	0365	3254	0.51#	43.6%	66
7.					
8.					
9.					
10.					
Mean			PASS 0.45#	43.4%	

Fuel **Diesel**
 ईंधन
 Date **22/Dec/2017**
 दिनांक
 Time **03:19:37 PM**
 समय

(Signature)



AUTHORISED SIGNATORY
 अधिकृत हस्ताक्षर कर्ता

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

Valid upto **21/Jan/2018**
 वैधता
VALID FOR 6 MONTH
 Valid in Delhi (3 month) } **RS. 100/-**

संख्या
S.No

प्रमाणपत्र संख्या
P.U.C.C No

यान संख्या / चं.
Veh Reg. No.

ब्रेक
Make

मॉडल
Model

इंजन मॉडल
Engine Model

श्रेणी
Category

अवधि
Expiry

वर्ष
Year

इंधन
Fuel

दिनांक
Date

समय
Time

वैधता
Valid upto

दिल्ली सहित प्रदूषण नियंत्रित प्रमाण-पत्र

POLLUTION UNDER CONTROL CERTIFICATE

अधिकृत परिवहन तथापुनरावृत्ति विभाग
AUTHORISED BY TRANSPORT COMMISSIONER, HARYANA

All India
VALID

DIESEL

PETROL

City: Hisar Dist: Haryana Reg. No: Haryana

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

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

Bharat Stage IV

22-12-2017

Delhi Valid for
3 Months



देवीया वाहन आ-
जा पहिना बहन महोत : 884-
जा पहिना बहन महोत : 8801-

25-11-2018

R.K Pollution Checking Centre

G/o Banarashi Das Bakshi Das
Chandhi Mandir

एक साल की पचास मान्य नहीं है।

बेटी बचाओ बेटी पढ़ाओ

PLU/PM	CO	HC	PM10	PM2.5	Temp
1	490	1400	24.00	00.87	85
2	580	1700	28.00	04.02	88
3	530	1650	24.00	00.87	88
4	670	1800	24.00	00.87	87
5	520	1500	24.00	00.87	87
6	520	1500	24.00	00.87	87



अधिकृत केंद्र कोड

P K L P 0 0 9 2

Authorised Centre Code

P K L D 0 0 8 3

CHD5312001566

POLLUTION CHECK CENTRE

OPP. TRIBUNE, Vishal Service Station, Sector 31-D, Chandigarh

POLLUTION UNDER CONTROL CHECK CERTIFICATE

Authorised by : STA, U.T. CHANDIGARH

(ALL INDIA VALID)

PUC NO.

CHD5312001566

Vehicle Reg.

PR12X6508

Date of Manufacture

2015

Make

MARUTI

Model

SWIFT

Category

Car

Engine Stroke

इंजिन स्ट्रोक

Emission Norms

उत्सर्जन मानक

Time

16:57:00

Fuel

Diesel

Date

Mar 1, 2018

Valid Upto

Aug 31, 2018 Rs. 50/-

Flushing Cycle Mean RPM Min 614 Max 2338

S.No.	RPM(Min)	RPM(Max)	K/m-1	HSB%	D.Temp
1.	812	2378	0.414	16.2	69
2.	815	2341	0.450	17.4	69
3.	813	2290	0.428	16.8	70
4.	814	2318	0.462	17.9	70
5.	815	2319	0.463	17.9	70
Mean:			PASS 0.439	17.20	



* Valid for 6 Months.

** Valid for 3 Months in Delhi.

51

Def. attach not taken care

प्रदूषण नियंत्रित प्रमाण पत्र POLLUTION UNDER CONTROL CERTIFICATE

परिवहन विभाग, दिल्ली सरकार
TRANSPORT DEPARTMENT, GOVT. OF NCT OF DELHI

प्रमाण पत्र संख्या
PUCC No. **P973002173**
UL-
वाहन पंजी संख्या
Vehicle Reg. No. **DL2CAV2314**

ब्रैंड
Make **MARUTI SUZUKI INDIA LTD**

मॉडल
Model **Motor Car**

श्रेणी
Category **4 Wheeler**

इंधन चक्र
Engine Stroke **4-Stroke**

निर्माण की तिथि
Date of Manufacture **01-2016**

उत्सर्जन मानक
Emission Norms **BS-4**

इंधन
Fuel **PETROL**

दिनांक
Date **08-11-2017**

समय
Time **11:53:31 AM**

वैधता
Valid upto **07-11-2018**

प्रमाणित किया जाता है कि
इस वाहन का CO, HC
उत्सर्जन स्तर के मो. वा.
नियम, 1990 के नियम 205
(2) में निर्धारित स्तर के
अंदर है।

यदि आपको कोई शिकायत
या टिप्पणी है, तो कृपया
शीघ्र इसे प्रारूप में अनुसूचित
करें।

In case
Complaint
Please do
response

Vehicle Type

संश्लेषण
compliant 4 Wheeler
इंजन प्रकार
Engine Type
वाहन का नाम
Vehicle Name

अधिकृत केंद्र कोड
Authorized Centre Code **P 873**
KRISH AUTOMOTORS Pvt. Ltd.
B-11, Industrial, Gurgaon - Haryana
Delhi-110033 Ph : 011-43261889

आइडलिंग पर CO एवं HC स्तर (%आयतन) (ppm)
CO & HC level at Idling (% volume) (ppm)
आइडलिंग पर RPM/Idling RPM **700**

इंधन Fuel	निर्धारित स्तर CO Prescribed Standard CO.	मापित स्तर CO Measured Level CO.	निर्धारित स्तर HC Prescribed Standard HC	मापित स्तर HC Measured Level HC
Petrol	0.3	0.0	200	0
की एन सी / एन सी सी ONG/PSI				

At High Idle RPM 2500±200 Measured RPM.....

CO	HC	CO ₂	O ₂	2440
0.02	25	13.4	0.12	1.005

08-11-2017 11:53 AM



Prescribe Pollution Checking Charge: 2 & 3 Wheeled Vehicle Rs. 50/- 4 & above wheeled Vehicle Rs. 80/-Rupees Eighty + extra service tax

प्रदूषण नियंत्रण प्रमाणपत्र

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

PUCC No.

001579

गारंटेड किया जाता है

प्रमाणपत्र संख्या

कि संबंध का CO

उत्तरदाता के सं. या.

Vehicle No.

HR 01AF 924862

की श्रेणी IS (1)

वाहन संजी सं.

में निर्धारित स्तर के अनुसार है।

यदि उपरोक्त कोई विषय है

Make

CHEVROLET

तो कृपया Regional Tpt. Authority

ब्रेक

Panchkula में दर्ज करें।

Model

BEAT

Confirm that this vehicle's CO
 emission level conforms to the
 standards prescribed under Rule
 115(1) of CM Rules, 1989.

मॉडल

Category

Car

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

वर्ग

Year

21/12/2012

Panchkula

वर्ष

Fuel

Diesel

ईंधन

Date

09/Apr/2018

दिनांक

Time

01:57:36 PM

समय

Flashing Cycle Mean RPM Min 05.27 Max 1522

S.No.	RPM(Min)	RPM(Max)	Km-h	HC%	Temp
1.	0654	2733	0.38#	30.9%	70
2.	0532	2566	0.40#	32.9%	65
3.	0654	2733	0.38#	30.5%	70
4.	0532	2556	0.40#	32.9%	65
5.	0654	2733	0.38#	30.9%	70
6.	0532	2566	0.40#	32.9%	65
7.					
8.					
9.					
10.					
Mean		PASS	0.38#	35.6%	



AUTHORIZED SIGNATORY
 अधिकृत हस्ताक्षर कर्ता



Inspector of Pollution Control, Panchkula

Kalka - Shimla Road,
 NH-22, Panchkula (Haryana)
 Mobile : 9356451913

Valid upto

08/Oct/2018

वैधता

VALID FOR 6 MONTH

Valid in Delhi (3 months)

Rs. 100/-