

DLF HOMES PANCHKULA PRIVATE LIMITED

SCO - 190-192, Sector B - C, Chandigarh

Date: 13/12/2016

To

Advisor

Ministry of Environment & Forests, Regional Office (North)
Government of India,
Box No. 34-25, Sector 5, A
Chandigarh

Subject: Six Monthly Report Submission for the project namely "DLF Garden City" at
Bhogswapur, Panchkula, Distt-Panchkula

Sir,

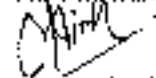
We are hereby submitting six monthly report for period ending 30/09/2016 in the form of Data Sheet along with compliance of the stipulated environmental conditions. All relevant details regarding compliance are attached as annexure for your kind consideration.

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)

M/s Manpreet Wahi
9988001070

CC to:- Member Secretary, N/A Haryana, Chandigarh Pollution Control Board, Panchkula Branch, 1st Floor Sector 5, Panchkula, Haryana.

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SIX MONTHLY COMPLIANCE REPORT

(Period ending 30.09.2016)

For

DLF GARDEN CITY

**VILLAGE ISLAM NAGAR, KALKA PINJORE URBAN
COMPLEX, SECTOR-3,
PANCHKULA**

Project by:

M/s DLF Homes Panchkula Pvt. Ltd.

Office: DLF Home Developers Ltd.

Chandigarh Technology Park, Plot No. 2, Tower-D,

Ground Floor, Chandigarh-160101

**Ministry of Environment, Forests & 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 Isare, Nagar, Kalka Panchkula Urban Complex, Sector-3, Panchkula
3.	Clearance letter (s)/O.M No. & dates	Project By: M/s DLF Homes Panchkula Pvt. Ltd. Environment Clearance has been granted vide letter no. SEIAA/EIR/2015/109 dated 05.02.2015. Copy of same has already been submitted.
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. Candigarh Technology Park, Plot No.-2, Tower-D, Ground Floor, Chandigarh.
6.	Salient features	
	a) of the project	The project comprises of the construction of multi-storied residential building plus Clubhouse, Nursery, Primary School, High School, dispensary, Club, Community Centre, Sub Post office and religious buildings. 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 1067141.15 sq.m.
	b) of the environmental management plans	After Revision and Expansion of the project, the total water requirement will be 4376 KLD. The total wastewater generation from the project will be 2642 KLD which will be treated in a STP of 3670 KLD capacity to be installed within project premises. The total quantity of solid waste generation will be 22410.85 kg/day, which will be segregated into organic and inorganic waste. The power requirement will be 35500 KVA.
7.	Break-up of the project area	
	a) Submergence area: Forest and Non-forest	Not applicable
	b) Others	Not applicable
8.	Break-up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only both dwelling units and agricultural land and landless labourers/artisans.	Not applicable
	a) SC/ST/Adivasis	Not applicable

<p>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)</p>	Not applicable																																						
<p>9. Financial details: a) Project cost as originally planned and subsequent revised estimates and the year of price reference.</p>	Total cost: Rs. 594 Crore																																						
<p>b) Allocations made for environmental management plans with item wise and year wise break up.</p>	<table border="1"> <thead> <tr> <th data-bbox="727 685 778 842">S. N o.</th> <th data-bbox="785 685 1027 842">Environment Management Plan</th> <th data-bbox="1034 685 1187 842">Capital Investment</th> <th data-bbox="1193 685 1422 842">Recurring Expenditure</th> </tr> </thead> <tbody> <tr> <td data-bbox="727 851 778 882">1</td> <td data-bbox="785 851 1027 1120">Dust Management during construction phase as sprinkling of water</td> <td data-bbox="1034 851 1187 882">-</td> <td data-bbox="1193 851 1422 882">Rs. 5,000/month</td> </tr> <tr> <td data-bbox="727 1128 778 1160">2</td> <td data-bbox="785 1128 1027 1240">Provision of DG sets with acoustic enclosures</td> <td data-bbox="1034 1128 1187 1240">Rs. 30.8 Lacs</td> <td data-bbox="1193 1128 1422 1240">Rs. 50,000/month</td> </tr> <tr> <td data-bbox="727 1249 778 1281">3</td> <td data-bbox="785 1249 1027 1361">Provision of safe water supply to labours</td> <td data-bbox="1034 1249 1187 1281">-</td> <td data-bbox="1193 1249 1422 1361">Rs. 15,000/month</td> </tr> <tr> <td data-bbox="727 1370 778 1402">4</td> <td data-bbox="785 1370 1027 1594">Provision of toilet tanks and other hygienic measures at labourers canteen site.</td> <td data-bbox="1034 1370 1187 1482">Rs. 4.0 lacs</td> <td data-bbox="1193 1370 1422 1482">Rs. 11,400/month</td> </tr> <tr> <td data-bbox="727 1603 778 1635">5</td> <td data-bbox="785 1603 1027 1671">Provision of First Aid</td> <td data-bbox="1034 1603 1187 1635">-</td> <td data-bbox="1193 1603 1422 1671">Rs. 36,000/month</td> </tr> <tr> <td data-bbox="727 1680 778 1711">6</td> <td data-bbox="785 1680 1027 1747">Tree plantation and landscaping</td> <td data-bbox="1034 1680 1187 1747">Rs. 200 Lacs</td> <td data-bbox="1193 1680 1422 1747"></td> </tr> <tr> <td data-bbox="727 1756 778 1787">7</td> <td data-bbox="785 1756 1027 1823">Waste management</td> <td data-bbox="1034 1756 1187 1823">Rs. 45 Lacs</td> <td data-bbox="1193 1756 1422 1823"></td> </tr> <tr> <td data-bbox="727 1832 778 1863">8</td> <td data-bbox="785 1832 1027 1944">Provision of PPE to workers including safety</td> <td data-bbox="1034 1832 1187 1863">-</td> <td data-bbox="1193 1832 1422 1944">Rs. 80,000/monthly</td> </tr> </tbody> </table>			S. N o.	Environment Management Plan	Capital Investment	Recurring Expenditure	1	Dust Management during construction phase as sprinkling of water	-	Rs. 5,000/month	2	Provision of DG sets with acoustic enclosures	Rs. 30.8 Lacs	Rs. 50,000/month	3	Provision of safe water supply to labours	-	Rs. 15,000/month	4	Provision of toilet tanks and other hygienic measures at labourers canteen site.	Rs. 4.0 lacs	Rs. 11,400/month	5	Provision of First Aid	-	Rs. 36,000/month	6	Tree plantation and landscaping	Rs. 200 Lacs		7	Waste management	Rs. 45 Lacs		8	Provision of PPE to workers including safety	-	Rs. 80,000/monthly
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	measures at site		
	9 Provisions of safe water supply and toilets with septic tanks for staff	Rs. 11.2 Lacs	Rs.10,000/month
	10 Rain water harvesting Pits and Solar Lights	Rs. 56.7 Lacs.	
	11 Environmental monitoring	-	Rs.100000/year
	c) Benefit cost ratio/internal rate of return and the year of assessment	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 512 crore (upto September 16)	
	f) Actual expenditure incurred on the environmental management plans so far.	Rs. 13.44 lacs in last 6 months	
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 roads) if any, with quantitative information	Not applicable	
12.	Status of construction:		
	a) Date of commencement (actual and/or planned)	October, 2013 (Actual)	
	b) Date of completion (actual and/or planned)	April, 2017 (planned)	
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 30.09.2016

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. Copy of consent to establish has already been submitted earlier.
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 facility and Community toilets at construction site for workers are provided. Open defecation by the labors and any staff is strictly prohibited
4.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site or the project.	The excavated topsoil is stored within the project site and being used for horticulture/landscape development. Photographs are attached as Annexure -1
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	Agreed. Muck including excavated material during construction phase is disposed off taking the necessary precautions for general safety and health aspects of people.

	approved sites with the approval of competent authority.	
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 should not leach to the ground water.	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 material is 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 is used as D/G sets fuel and are used only as a source of backup
8.	The diesel required for operating D/G 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 D/G 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	Ambient noise levels are conformed to residential standards both during day and night. Pollution loads on the ambient air and noise quality are closely monitored during construction phase. Test reports are attached at Annexure-2.
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 27th August 2003.	During construction fly ash based material/products is proposed as per the provisions of fly ash notification of September, 1999 and as amended on 27 th August, 2003.
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. The drawing showing location of RWH pits and cross section of RWH pits has already been submitted
12.	Water demand during construction should be reduced by use of pre mixed concrete, curing agents and other best practices referred.	Adequate measures are taken to reduce the water demand during construction
13.	Roof should meet the prospective requirement as per energy conservation building code by using	Agreed and accepted

	appropriate thermal insulation material.	
14.	Opaque wall should 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.	Agreed. Materials having appropriate R & U Values is proposed meet 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 are made by approved structural consultant Vintec Consultants N Delhi engaged by us and duly approved by town and 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 siltling 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. Drawing showing the schematic view has already been submitted.
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 as 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 UHBVN for supply of 3500 KVA of power supply before start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	Agreed and accepted. It will be obtained.
19.	Detail calculation of power load and ultimate power load of the project shall be submitted to UHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	Agreed and accepted.
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 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 and accepted.
24.	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	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 and accepted.

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 pollution during construction.	Agreed and accepted.
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 and accepted. 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 is 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. It will be ensured 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.
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 dusts like silica dust, non silica dust and wooden dust will be controlled properly by sprinkling and providing wind wall barriers. Moreover respiratory protective equipment, such as masks etc is provided to all construction workers.
31.	The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.	Agreed and accepted.
32.	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Agreed and accepted.
33.	The project proponent shall provide one refuse area till 24 meter and one till 39 meter each, as per National Building Code. The project proponent shall not convert any refuse area in the habitable space and it should not be sold out commercialized.	Agreed and accepted.
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.

	including their integration with external services of HUDA/ Local authorities beside other required services before taking up any construction activity.	
35.	The site for solid waste management plant be earmarked on the layout plan and the detailed project for setting up the solid waste management plant shall be submitted to the authority with a no-objection.	Agreed and accepted. The site for solid waste management is earmarked. The details on solid waste management will be submitted within next six monthly report.
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 before the same generating.
37.	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Agreed and accepted.
40.	The project proponent shall obtain NOC from irrigation Department before the start of development work.	Agreed and Accepted.
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.	The load on water supply storm and sewer has been calculated accordingly.
42.	The project shall provide the storm water drainage system in the project area strictly in accordance with the storm water drainage plan submitted with the SEIAA Haryana.	Agreed. The storm water drainage system is being provided as per the plan.
43.	The project proponent shall not raise any construction activity in the ROW reserved/ acquired from High Tension Wire passing through the project area and shall maintain horizontal and vertical ROW as required under Indian Electricity Rules, 1956/ DHEM's 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 and accepted.
45.	The project proponent shall development of Old age home as per the plan Marked "A-1179a" earmarking space for Old age home	Agreed and accepted.
46.	The project proponent shall take up construction activity in the flood prone area only after specific approval from Irrigation Department/ HUDA/ DGT/ Haryana	Agreed and accepted.

(i. Operation Phase: The project is still under construction phase so compliances of operation phase is not applicable.

Part B. General conditions

Sr. No.	Conditions	Reply
1.	The project proponent shall ensure the commitments made in Form-I, Form-1A, EIA/EMP and other documents submitted to the SECAA 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 SECAA, Haryana.	We are regularly submitting six monthly monitoring reports to the northern regional office, MoEF, respective zonal office, Haryana.
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 SECAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental Clearance	Agreed and accepted.

	<p>clearance 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.</p>	
5.	<p>The Project Proponent shall not violate any judicial orders/ pronouncements issued by any Court/ Tribunal.</p>	<p>We promise to comply the condition satisfactorily and not to violate any judicial orders/ pronouncements issued by the any Court/ Tribunal.</p>
6.	<p>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.</p>	<p>Agreed, Copy of approval from civil aviation department has already been submitted</p>
7.	<p>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 proponents web site for public awareness.</p>	<p>Agreed and accepted</p>
8.	<p>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.</p>	<p>The construction work was started only after obtaining the environmental clearance.</p>
9.	<p>Any appeal against the EIA's 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</p>	<p>Agreed and accepted.</p>
10.	<p>Corporate Environment and Social</p>	<p>Agreed and accepted.</p>

	Responsibility (CSER) shall be laid down by the project proponent (2 % shall be earmarked) as per guidelines of MoEF, Govt Office Memorandum No. J-1101341/2005-IA.11(I) dated 18.05.2012 and Ministry of Corporate Affairs, Govt Notification Dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. the project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.	
11.	The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to SEIAA/ RO MoEF, Govt 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/PA2/900/S.4/97 dated 28.11.1997.	Agreed and accepted.
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-3
14.	The project proponent shall seek fresh Environmental Clearance if at any stage there is change in the planning of the proposed project.	Agreed and accepted.
15.	Besides the developer/ applicant, the responsibility to ensure the compliance of Environmental Safeguards/ conditions imposed in the Environmental Clearance letter shall also lie on the licensee/ licensees in whose name/ names the license/ CLC has been granted by the town & Country Planning Department, Haryana.	It will be ensured that compliance of environmental safeguards/ conditions imposed in the Environmental Clearance are complied by all.
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 pollution levels namely; PM _{2.5} , PM ₁₀ , SO ₂ , NO _x , Ozone,	The status of the compliance of the stipulated Environment Clearance conditions, including results of monitored data will be uploaded after submission of the hard copy of MoEF & CC.

	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.	
17.	The environmental statement 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.

PHOTOGRAPHS



PROJECT PREMISES



PROJECT PREMISES



GREEN BELT AREA



Eco Laboratories & Consultants Pvt. Ltd.

Environment Due-diligence, Monitoring and Analysis Services

ISO-14001:2008 OHSAS-18001:2007 CIN : U74140PB2011P1C05739

Annexure - 2



TEST REPORT

EL-16-17/	1880/29/11/16	Lab No.	EL22116EC001	Page: 01	
Customer:	DLF Garden City Village Islam Nagar, Keika Pinjore Urban Complex, Sector-3, Panchkula By M/s DLF Homes Panchkula Pvt. Ltd.				
Type of Sample:	Ambient Air				
Work Order No. & Date:	Six Monthly Work Order				
Mode of Collection of Sample:	Sampling by Laboratory				
Sampling Location:	Near Site office				
Date of Sampling:	22/11/16				
Sampling Protocol:	IS: 3182 (P-14) 2000, CPCB Guidelines and Customer's Requirements.				
Date of Receipt of Sample:	22/11/16				
Date of Reporting:	25/11/16				
Testing Protocol:	National Ambient Air Quality Standards (NAAQS) 2009				
Environmental Condition:	Clear Sky				
S.No	Test Parameters	Units	Results	Limit	Test Method
1.	Particulate Matter (PM _{2.5})	µg/m ³	46.92	60	Lab SOP No. EL/SOP/AAQ/01, Issue No. & Issue Date 03 & 01.03.2016
2.	Particulate Matter (PM ₁₀)	µg/m ³	105.10	100	IS: 3182 (P-23) 2004
3.	Sulphur Dioxide (SO ₂)	µg/m ³	5.53	80	IS: 3182 (P-2) 2001
4.	Nitrogen Oxides (as NO ₂)	µg/m ³	11.19	80	IS: 3182 (P-6) 2006
5.	Amonia	µg/m ³	<3	420	Lab SOP No. EL/SOP/AAQ/00, Issue No. & Issue Date 01 & 01.01.2016
6.	Ozone	µg/m ³	<5	180	IS: 3182 (Part-9) -1974 (R2004)
7.	Carbon Monoxide (CO)	mg/m ³	<1.5	04	Lab SOP No. EL/SOP/AAQ/04, Issue No. & Issue Date 03 & 01.01.2016

Lab Incharge

Authorized Signatory



Eco Laboratories & Consultants Pvt. Ltd.

Environment Due-diligence, Monitoring and Analysis Services

ISO-14001:2004 DHSAS-18001:2007 CIN:U74546PB2011PTC034739



TEST REPORT

RL-16-177	1003/09/11/16	Lab No.	EL171116EC002	Page-1/1	
Customer:	DLF Garden City Village Islam Nagar, Kaifia Pinjore Urban Complex, Sector-3, Panchkula By M/s DLF Homes Panchkula Pvt. Ltd.				
Type of Sample:	Noise Levels (Ambient)				
Work Order No. & Date:	Six Monthly Work Order				
Mode of Collection of Sample:	Sampling by Laboratory				
Sampling Location:	Average Noise Level Near Site Office				
Date of Sampling:	22/11/16				
Sampling Protocol:	IS: 9989:1981 R-2002 and as per customers requirements				
Date of Receipt of Sample:	22/11/16				
Date of Reporting:	24/11/16				
Testing Protocol:	Ambient Air Quality Standards for Noise				
S.No	Test	Location	Unit	Results	Test Method
1	Ambient Day Time Noise Levels 1 Hour Log	Average Noise Level Near Site Office	dB(A)	54.2	IS: 9989:1551 R-2002

Note: The Noise-Ambient Air Quality Standards are given for reference.

W.L.
Lab Incharge

G. Singh
Authorized Signatory

Noise: Ambient Air Quality Standards

Area Code	Category of Area	Limit dB (A) Leq	
		Day Time (6AM-50PM)	Night Time (10PM-6AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40



Eco Laboratories & Consultants Pvt. Ltd.

Environment Due-diligence, Monitoring and Analysis Services

ISO-14001:2006 OHSAS-18001:2007 CIN U74140PB2011PTC034739



TEST REPORT

RL-16-177	22/11/16	Lab No.	BL221116RC003	Page-1/1
Customer:	DLF Garden City Village Islam Nagar, Kalka Piazare Urban Complex, Sector-3, Panchkula By M/s DLF Homes Panchkula Pvt. Ltd.			
Type of Sample:	Water			
Work Order No. & Date:	Six Monthly Work Order			
Mode of Collection of Sample:	Sampling By Laboratory			
Packing, Marking, Seal & Identity:	Plastic Bottle & Sterilized Glass Bottle Marked '22/8/01'			
Quantity:	2litre + 250ml			
Sampling Location:	Boawell			
Sampling Protocol:	IS: 3025-(P-1)-1987-R-1998 Amd-1			
Date Of Sampling:	22/11/16			
Date of Receipt of Sample:	22/11/16			
Date of Reporting:	28/11/16			
Testing Protocol:	IS: 10500-2012			
Sample Observation:	Clear colorless liquid			

S.No	Test Parameters	Units	Results	Requirements		Test Method
				Acceptable Limits	Permissible limit In Absence of Alternate Source	
1.	Colour	Hazer. units	<5	5	15	APHA 2291E: 2012-2011 Visual Comparison (Pt. Color) Method
2.	Odour	--	Agreeable	Agreeable	Agreeable	IS 3025 (P 3) 1987 R 1986
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (P 3) 1987 R 1986
4.	Turbidity	NTU	<0.1	-	5	APHA 2291.2: 2012 21501 Nephelometric Method
5.	pH	-	7.32	6.5 - 8.5	No relaxation	APHA 2291.2: 2012 21501
6.	Hardness (as CaCO ₃)	mg/l	250.2	200	600	APHA 2291.2: 2012 21501 EDTA Method
7.	Iron (as Fe)	mg/l	0.08	0.3	No relaxation	APHA 2291.2: 2012 21501 Ferrous Phenanthroline Method
8.	Chlorides (as Cl)	mg/l	18	250	1000	APHA 2291.2: 2012 21501 Mercurimetric Method
9.	Coliforms	MPN/100ml	<2*	Absent	--	IS: 1632-1987 I.S. 2603-1971 Multiple tube Dilution Tube
10.	E.Coli/100ml	MPN/100ml	<2*	Absent	--	IS: 1632-1987 I.S. 2603-1971 Multiple tube Dilution Tube

Remarks: * <2 is minimum detection limit as per IS 1622 method and is equal to Absent.

Lab Incharge

Authorized Signatory

PTO



Eco Laboratories & Consultants Pvt. Ltd.

Environment Due-diligence, Monitoring and Analysis Services

ISO-14001:2008 OHSAS-18001:2007 CIN : U74140PB2911PTC034739



TEST REPORT

EL-16-17/	1226/89/1111a	Lab No.	EL221116EC004	Page-1/1
Customer:	D.F Garden City Village Islam Nagar, Kalka Pinjore Urban Complex, Sector-3, Panchkula By M/s D.F Homes Panchkula Pvt. Ltd.			
Type of Sample:	Soil			
Work Order No. & Date:	Slx Monthly Work Order			
Mode of Collection of Sample:	Sampling by Laboratory			
Packing, Markings, Seal:	Poly bag			
Quantity:	1kg			
Date Of Sampling:	22/11/16			
Sampling Location:	Near Main Gate			
Date of Receipt of Sample:	22/11/16			
Date of Reporting:	28/11/16			
Remarks & Observation:	Brown colored soil			

S.No	Test Parameters	Units	Results	Test Method
1.	pH	-	8.16	CI-2, IS: 2720 (P-26) 1987
2.	Conductivity	µmhos/cm	0.370	IS: 14707:2000
3.	Moisture Content	%	9.2	Sec-1, IS: 2720 (P-16) 1973 R 2012
4.	Texture	-	Clay loam	CI-2, IS: 2720 (Part-4) 1985
5.	Bulk Density	gm/cc	1.31	IS: 2720 (Part-11): 1980
6.	Organic Matter	%	0.89	Sec-1, IS: 2720 (Part-22) 1972 R 2010

[Signature]
I. Anil Chaurgo

[Signature]
Authorized Signatory

ALL INDIA VALID

प्रदूषण नियंत्रण प्रमाणपत्र

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

PUCC No. 20022005512

शक्ति निरा कार्ड है
कि सर्वर का CO
उत्पत्ति के से र

Vehicle No. HZ 92U 6276

वाहन कंपनी का SWARAJ
रेणु 735XE

Model: Other

Category

06/07/2009

Fuel Diesel

Date 08/11/2016

Time 03:00:51 PM

Valid upto 08/11/2016
VALID FOR 6 MONTHS
Vehicle Deptt. Chandigarh

Running Cycle Measurements Min 1045 Max 1200
km/h RPM (rev/min) Km/h Rev/min Temp

1.	0535	3254	0.30%	65.4%	66
2.	0537	2524	0.35%	66.7%	70
3.	0535	2524	0.50%	61.4%	66
4.	0537	2524	0.35%	74.7%	70
5.	0535	2254	0.50%	50.4%	65
6.	0522	2524	0.35%	53.7%	70
7.					
8.					
9.					
10.					
Mean			PASS	6.43%	56.1%

Certified that the vehicles CO
emissions comply conform to the
standards prescribed under Rule
115 (2) of CM Rules, 1988.
In case of any complaint, please
write District Transport Authority,
Panchkula

Regional Tpt. Authority
Panchkula



AUTHORISED SIGNATORY
अधिकृत सिग्नेचर कार्ड
Vikas Eas Masrani Panchkula
Kalka - Shimla Road,
NH-22, Panchkula (Haryana)
Mobile : 9368451310

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प्रदूषण नियंत्रण प्रमाणपत्र

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

PCCC No. 0000005024

पंजीकृत कंपनी

प्रदूषण नियंत्रण कर्ता है

कि. प्रमाणिका को

जमाना के लिए

अपने क्षेत्र में

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Sl. No.	City	Mean Speed (km/h)	Min. Temp. (°C)	Max. Humidity (%)	Wind Speed (km/h)	Temp. (°C)
1	0635	2254	0.504	42.3%	56	
2	0632	2574	0.354	34.7%	70	
3	0615	3754	0.504	42.4%	60	
4	0628	2524	0.254	34.7%	70	
5	0625	3034	0.504	42.4%	56	
6	0627	2024	0.254	34.7%	70	

Classified for this vehicle CO emission level conforms to the standards prescribed under Rule 115 (2) of CM Rules, 1988. In case of any complaint, please write Director, Transport Authority, Patancheru.

06/02/2017 06:35 0.504 42.0%

पंजीकृत

दिनांक

06/02/2017

06:35 AM

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Ms. TRUCKS SUPPLIER CORPORATION
Kalya Shrinia Road,
NH-28, Patancheru (Hyderabad)
Mobile : 98335451613

AUTHORIZED SIGNATORY

अधिकृत हस्ताक्षर कर्ता

Valid For 3 Months, 28th

06/02/2017

06/02/2017

06/02/2017

06/02/2017

06/02/2017

06/02/2017

06/02/2017

06/02/2017

06/02/2017

06/02/2017

(Rs. 100/-)

20

NRMCL
27/08/2017

ALL INDIA VALID

पराचक्र प्रमाणित प्रमाणित

POLLUTION CHECK CERTIFICATE
AUTHORISED TRANSPORT CONTROLLER
Licence No. PKL-D-0044

00023005025

FUCC No.

पराचक्र संख्या

0-11-1562

Vehicle No.

वाहन संख्या

0441MUL24

Make

ब्रांड

023 DI

Model

मॉडल

Others

Category

श्रेणी

03702/2011

Year

वर्ष

0-000

Fuel

ईंधन

11-001-010

Date

दिनांक

11-03-2017

Time

समय

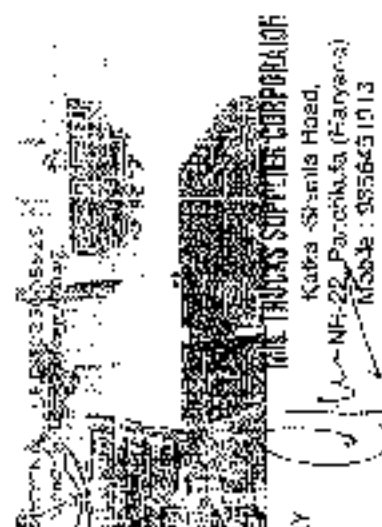
11-03-2017

Valid upto 18/04/2017
वैधता अवधि

VAED EREG MGNRTH
वाहन प्रमाणित प्रमाणित

Sl.No.	Speed (kmph)	PM10 (µg/m ³)	PM2.5 (µg/m ³)	CO (ppm)	HC (ppm)	NOx (ppm)
1	50.00	3254	2.502	46.036	66	7.7
2	60.00	2374	0.354	42.137	7.7	7.7
3	50.00	3254	0.500	43.490	66	7.7
4	65.00	4524	0.450	42.786	70	7.7
5	60.00	3254	0.500	46.476	60	7.7
6	05.00	2254	0.350	43.786	70	7.7
Mean		3455	0.450	45.476		

पर्याप्त मात्रा में
पराचक्र प्रमाणित प्रमाणित
वाहन संख्या 0441MUL24
वाहन ब्रांड 023 DI
वाहन मॉडल Others
वाहन श्रेणी 03702/2011
वाहन वर्ष 0-000
वाहन ईंधन 11-001-010
वाहन दिनांक 11-03-2017
वाहन समय 11-03-2017



THE PARBHANI SUPPLIER CORPORATION
Katra Shani Road,
NH-22, Parbhani (Mahara)
Mobile : 9856431913

Rs. 100/-
21

