

Countrywide Promoters Private Limited

Ref. No. CPPL/Com/Env/20-21/08

Dated.. 01/06/2021

To,

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

Sub: Six Monthly Compliance Report for Construction of Plotted development project located at Sector- 70 & 70A, Village- Palra, Gurugram (Haryana)

Ref: 1. E.C. No. SEIAA/HR/2013/456 Dated 12.07.2013

2. F. No. 4-1176/2013 RO (NZ)

Dear Sir,

This is with reference to Point No. ii of general conditions of the above referred Environmental Clearance, we are hereby submitting the 6 monthly monitoring report in soft copy as per applicable MoEF&CC notification published vide S.O. 5845 (E) dated 26th November, 2018 due in the month of 01st June 2021 for the compliances executed for the period during 01/10/2020 to 31/03/2021 and detailed status of the project for your ready references and record.

We hope that this will meet your requirement. Further, the undersigned can be contacted over phone on 8800092162 and via email on countrywide.promoters@gmail.com for any additional requirement.

Thanking You,

Sincerely,

Sanjeev Kumar Sharma

Sanjeev Kumar Sharma
Authorized Signatory

Copy to:

1. Member Secretary, State Environment Impact Assessment Authority, Haryana
2. Member Secretary, Haryana State Pollution Control Board, Panchkula
3. Regional Officer, Haryana State Pollution Control Board, Gurugram (South)

HALF YEARLY COMPLIANCE

SESSION: October '2020 TO March '2021

EC. NO. SEIAA/HR/2013/456 dated 12-07-2013

FOR

**“PLOTTED DEVELOPMENT
PROJECT”**

at

Sector-70 & 70A ,

Village- Palra, Gurgaon, Haryana

By

M/s Countrywide Promoters Pvt. Ltd.

LIST OF ANNEXURE

S.NO.	Particulars	Annexure
1.	Environment clearance	Annexure I
2.	Ambient Air, Ambient Noise and Soil Test Report	Annexure II
3.	CTE NOC	Annexure III
4.	Photographs of First Aid Facility	Annexure IV
5.	Forest NOC	Annexure V
6.	Photographs of STP	Annexure VI
7.	Photographs of RWH Pit	Annexure VII
8.	DHBVN Permission	Annexure VIII
9.	Photograph of Green Belt	Annexure IX
10.	Consent To Operate	Annexure X
11.	EMP	Annexure XI
12.	Aravali NOC	Annexure XII

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

SPECIFIC AND GENERAL CONDITIONS AS PER THE ENVIRONMENTAL CLEARANCE LETTER NO: /SEIAA/HR/2013/456 Dated 12-07-2013, (ANNEXURE I) FOR CONSTRUCTION AND OPERATION PHASES OF THE PROJECT PERIOD OCTOBER'2020 TO MARCH'2021.

Lab monitoring reports for the month of April 2021 for Ambient Air, Ambient Noise, Soil & STP Inlet/Outlet are attached as an Annexure II.

PART A – SPECIFIC CONDITIONS

I. Construction Phase

S.NO.	CONDITIONS	COMPLIANCE
1	"Consent For Establish" 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 start of any construction work at site.	Complied. We have already obtained Consent to Establish (NOC) from Haryana State Pollution Control Board before start of the work at site and copy thereof already submitted to your esteemed office, which subsequently validated. Copy of validated CTE (NOC) is enclosed as Annexure III.
2	A First aid room as proposed in the project report shall be provided both during construction and operational phase of the project	Complied. First aid room has been provided both during construction and operation phase. The photograph of First Aid box is enclosed as Annexure IV.
3	Adequate drinking water and sanitary facilities should 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.	Complied. Adequate drinking water and sanitary facilities have been provided for construction workers at the project site. Safe disposal of waste water and solid waste from construction activities is being ensured.
4	All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	Complied. All the top soil excavated during construction activities should 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	Complied. The building material required during construction phase is being stored within the project premises. No adverse impact caused to the

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	construction waste should not create any adverse effect on the neighbouring communities and should be disposed off after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	neighbouring communities as muck including excavated material is being backfilled and waste material being disposed to approved sites with necessary precautions for general public health and safety.
6	Construction spoils including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed of as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.	Complied. No construction spoil including bituminous material or other hazardous material is contaminating watercourse as the dump site for these material is secured so that no leaching occurs in the ground water.
7	The diesel generator sets to be used during construction phase should be of ultra-low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Complied. Low sulphur content diesel being used and all the DG sets are enclosed to prevent noise and conform to rules under Environment (Protection) Act 1986, prescribing Noise and Air emission standards. The Ambient Air and Noise Monitoring report for the month of April 2021ref as Annexure -II.
8	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller Of Explosives shall be taken.	Complied. Diesel required for operating DG Set is stored in HDPE drums and kept at separate designated area.
9	Ambient noise levels should conform to the residential 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 and noise level during construction phase, so as to conform to the stipulated residential standards.	Complied. Ambient noise levels conform to the stipulated standards both during day and night time. Noise monitoring report for the month of April 2021ref as Annexure - II

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

10	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amendment as on 27 th August 2003.	Complied. Fly ash mixed concrete and bricks for the pavement are being used at the project site.
11	Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.	Completed. 08 no. RWH pits has been constructed as per CGWA approval and BIS standards. And 10 will be constructed.
12	Water demand during construction phase should be reduced by use of pre-mixed concrete, curing agents and other best practices.	Complied. Ready mix concrete is being used to reduce water demand.
13	In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/utility provider indicating source of water supply and quantity of water with details of intended use of water-potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and RO, MoEF, Chandigarh before the start of construction.	Complied. No ground water is being used for the project; hence NOC from CGWA is not required. For construction activities, we are using HUDA's STP treated water. HUDA is providing drinking water for the construction labourers. We have received assurance from GMDA/HSVP regarding supplying of drinking water during operation phase. Copy submitted to your office vide our letter dated 20.08.14
14	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.	Noted. And acting accordingly.
15	Opaque wall should meet prescriptive requirements 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 to fulfil requirement.	Complied. We are following the ECBC norms for air conditioned and non-air conditioned spaces.
16	The approval of competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy in firefighting equipment's etc. as per national building code including	Complied. Designing of the building as per NBC norms and take utmost care for structural safety, firefighting, lightening etc. The NOC obtained from Forest Department

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	protection measures from lightening etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be taken from the competent authority.	has been submitted and copy thereof once again attached as an <i>Annexure-V</i>
17	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency/savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MoEF, GOI, Chandigarh.	Is being complied STP is being installed for treatment of waste water and treated water is being reused to be minimum extent for minimization of fresh water requirement. Photograph of STP enclosed as an <i>Annexure VI</i> .
18	The Project Proponent shall construct 18 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.	Complied. RWH Pits have been constructed. Photographs of the same have been attached as Annexure VII .
19	The Project Proponent shall provide minimum one hydraulic ladder of sufficient length for escape of people in case of fire.	Noted.
20	The project proponent shall submit assurance from the DHBVN for supply of 15000 KVA of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	Complied. The permission from DHBVN has been obtained for the power supply. The copy of the power supply permission letter no. 3/SE/C-EP-205 date 23.02.2017. A copy of same is attached as <i>Annexure VIII</i> .
21	Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under	Complied. Detailed calculation of power load and ultimate power load of the project which has already been submitted.

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	intimation to SEIAA Haryana before the start of the construction. Provisions shall be made for electrical infrastructure in the project area.	
22	The Project Proponent shall obtain NOC from nearest fire station before the start of construction.	Complied. Fire NOC has been obtained before the start of construction work.
23	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.	Noted. There is no Nallah/Depression/water course within the project site.
24	The project proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project as per prescribed by laws. Levels of the other areas in the projects shall also be kept suitably so as to avoid flooding.	Complied. Plinth levels of the building blocks are as per the building bye laws and will be kept above the level of the approach road to the project.
25	Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.	Complied. The construction of the project is as per the sanctioned plans by the office of the Director General Town and Country Department Haryana.
26	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.	Complied. No ground water is being used for the construction activities at the project site.In this regard, an undertaking in the form of affidavit has already been submitted during appraisal of project
27	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	Noted. At Construction site we will try to conserve the existing trees during landscape design.
28	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	Noted.
29	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	Complied. Barricades provided around the construction site, adopted water sprinkling, etc to restrict dust and air pollution from construction activities.

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	dust and air pollution during construction	
30	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other waste during rains.	Complied.
31	The project proponent shall provide proper Rasta of proper width and proper strength for each project before the start of construction.	Noted. Proper rasta of proper width has been provided before the start of construction.
32	Vertical fenestration shall not exceed 40% of total wall area.	Noted.
33	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.	Noted.
34	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.	Complied. During the construction activity respiratory protective equipments like helmets, face mask, gloves etc. has been provided to all the construction laborers.
35	The project proponent shall ensure that no construction activity is undertaken either on surface or below or above surface of revenue rasta passing through the project area.	Noted. We have not undertaken any activity on, above or below the revenue Rasta.
36	The project proponent shall indicate the width and length of revenue rasta passing through the project area on sign board and shall display the same at both the ends of revenue rasta stretch for awareness of public. Sign board shall also display the message that this is public rasta/road and any citizen can use it. There shall not be any gate with or without guards on revenue rasta.	Noted.
37	The project proponent shall not raise any construction activity in the ROW reserved/acquired for High Tension Wire passing through the project area and shall maintain horizontal and vertical ROW as	Noted. During construction activity no works done under the High Tension Wire and will follow Indian Electricity Rules/latest norms of DHBVN.

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	required under Indian Electricity Rules, 1956/DHBNV latest instructions.	
38	The project proponent shall shift the location of school site (1 Acre) proposed near the HT line and relocate the same in the centre of the area while seeking additional license from DTCP Haryana as per undertaking given.	Noted.
39	The project proponent shall provide additional STP near 60 meter wide sector road southern side and shall submit details of STPs before the start of the construction.	Complied.
40	The project proponent shall submit revised green belt development plan by replacing centrally located water body with green area before the start of construction.	Noted.
41	The project proponent shall develop complete infrastructure of the Residential Plotted colony i.e. internal roads, green belt development, sewerage line, rain water harvesting structures, STP, water supply line, dual plumbing line, electric supply lines, convenient shopping centre, parking spaces, schools, nursing home etc and shall sell the plots thereafter.	Complied. At construction site, developing of internal road, green belt, STP has been installed at site, 8 water harvesting pit has been developed.STPalso installed at site. Green belt photograph attached as an AnnexureIX.
42	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Complied. Mines and Geology Department for excavation of soil has been obtained before the start of construction

II. Operation Phase

S.NO.	CONDITIONS	COMPLIANCE
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 SEIAA, Haryana.	To be complied. Consent to Operate has been obtainedfrom HSPCBvide letter no.- <i>HSPCB/Consent/:329962320GUSOCTO5081418 Dated:21/08/2020</i> is attached an Annexure.X
b	The Sewage Treatment Plant (STP)	Is Being Complied. STP of adequate capacity

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	shall be installed for the treatment of sewage to the prescribed standards including odour and treated effluent shall be recycled to achieve zero exit discharge. The installation of STP should be certified by an independent expert and a report in this regard should be submitted to SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. Discharge of treated sewage shall conform to the norms and standards of HSPCB, Panchkula. Project proponent shall implement such STP technology which does not require filter backwash.	and efficiency shall be provided, to meet the prescribed standards for effluent treatment. Treated water is being used for DG cooling, gardening, etc. within the project premises.
c	Separation of black and grey water should be done by 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 10 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc to achieve zero exit discharge.	Complied. Separation of grey and black water is done by use of dual plumbing line. Treatment and reuse of 100% grey water in gardening, DG set cooling, etc.
d	For disinfections of treated waste water ultra-violet radiation or ozonization process should be used.	To be complied. For disinfection of water, we will use UV technology.
e	The solid waste generated should be properly collected and segregated. Biodegradable waste shall be decomposed at site and dry/inert solid waste should be disposed off to approved sites for land filling after recovering recyclable material.	Is being Complied. Solid waste is being properly collected and segregated. Adequate measures have been taken to prevent odor problem from solid waste. Currently, solid waste being disposed of through by approved vendor.
f	Diesel power generating sets proposed as source of backup power for lifts, common area illumination and for domestic use should be of	Complied. DG sets to be used for power back-up will be of enclosed type in accordance with the Environment (Protection) Act, 1986. The stack height provided is as per provideCPCB

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	enclosed type and conform to the rules made under Environment Protection Act, 1986. The location of DG sets should be in the basement as promised by the project proponent with appropriate stack height i.e. above the roof level as per the CPCB norms. The diesel used for DG should be ultra-low sulphur diesel (0.05% sulphur), instead of low sulphur diesel.	norms.
g	Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of Proposed Commercial Complex.	Complied. Ambient noise monitoring report for the month of May has been done at the project site and the reports of the same is attached as <i>Ref. Annexure II.</i>
h	The project proponent should maintain at least 30% 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 particulates matter. The open spaces inside the plot should be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.	Complied. Green cover is being provided. Native species of herbs/shrubs/trees which act as barrier against noise and suspended particulate matter has been planted. Photograph of green belt attached as an <i>Annexure IX.</i>
i	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapotranspiration data.	Noted.
j	Rain water harvesting for runoff and surface runoff, as per plan submitted should be implemented. Before recharging the surface runoff, pre-treatment through sedimentation tanks must be done to remove	Complied. 8 no. of Rain water harvesting (RWH) pits have been constructed. Photograph of RWH pit attached as a ref. <i>Annexure VII.</i>

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	suspended matter, oil and grease. The bore well for rain water 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 RWH pit. The project proponent shall avoid rain water harvesting of first 10 minutes of rainfall. 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.	
k	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	Noted. Ground water level and its quality are being monitored at regular intervals.
l	There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be utilized.	Complied. The parking plan has been designed as per MoEF and State bye- laws to ensure that there will be no traffic congestion at entry and exit points.
m	A report on energy conservation measures conforming to energy conservation norms finalize by Bureau Of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U factors etc and submit to SEIAA, Haryana in three months' time.	Noted. We will follow the BEE norms for energy efficiency. Report on Energy Conservation to be submitted just immediate after the project undergo occupation stage.
n	Energy conservation measures like installation of LED for the lighting the areas outside 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 conversion.	To be complied. We will make provision for LED lighting and solar panels for energy conservation as per HAREDA solar power policy 2016.
o	The project proponent shall use zero ozone depleting potential material in	Noted.

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	insulation, refrigeration, air-conditioning and adhesive. Project proponent shall also provide halon free fire suppression system.	
p	The solid waste generated should be properly collected and segregated as per requirement of the MSW Rules, 2000 and as amended from time to time. The bio-degradable waste should be composted by vermin-composting at the site ear marked within the project area and dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Complied. Solid waste generated is collected and segregated. Biodegradable waste is composted at site and non-biodegradable solid waste is disposed-off to approve landfill site after recovering recyclable material.
q	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.	To be complied. The provision of the solar water heating system will be as per norms specified by HAREDA.
r	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 project site. Parking should be fully internalized and no public space should be used.	Complied. Parking facility have been provided within the premises. There is no any traffic congestion on the site during construction phase as well as operation phase.
s	The project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area.	Noted. Project operationalized after securing municipal water supply connection from GMDA.
t	Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of sale.	Complied. Maintenance of STP, Solid waste management system, electrical, infrastructure and pollution control measures will be ensured.
u	Different type of wastes should be disposed of as per provisions of municipal solid waste, biomedical	To be complied. We will collect and segregate the solid waste. Solid waste will be collected and segregated.

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	waste, hazardous waste; e waste, batteries & plastic rules made under Environment Protection Act, 1986, Particularly E-waste and battery waste shall be disposed off as per existing E- waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent should maintain a collection center for E-waste and it should be disposed of to only registered and authorized dismantler/recycler.	Biodegradable waste shall be composted at site and non-biodegradable solid waste would be disposed-off to approved landfill site after recovering recyclable material as per provision provided under solid waste management rules 2016 E-waste and Battery waste shall be disposed of as per existing E-waste Management Rules 2016 and Batteries Management Rules 2001. Further, we shall maintain a collection center to dispose-off E-waste to registered authorized dismantler/recycler..
v	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environmental Protection Rules 1986 shall be strictly complied with.	Noted.
w	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 outfall for treated effluent.	Noted.
x	The project proponent shall ensure that the stack height of DG sets is as per the CPCB guidelines and also ensure that emission standards of noise and air are within the CPCB prescribed limits. Noise and Emission level of DG sets greater than 800 KVA shall be as per the CPCB latest standards for high capacity DG sets.	Complied. Stack height provided is as per CPCB norms and shall ensure that the emission levels of noise and air are within the prescribed limit.
y	All electric supply exceeding 100 Amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	Noted.
z	The project proponent shall minimize heat island effect through	Noted. We shall minimize heat island effect through appropriate shading and reflective

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	shading and reflective or pervious surface instead of hard surface.	surface.
aa	The Project Proponent shall use only treated water instead of fresh water for HVAC & DG cooling. 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 summer and winter seasons should be kept at optimum 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 waste. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.	To be complied. We will utilize only STP treated water for HVAC & DG cooling instead of fresh water. The evaporative cooling technology and double stage cooling system shall be used for HVAC and Coil type cooling DG sets shall be used to save cooling water consumption for water cooled DG sets. Further temperature, relative humidity, during summer and winter seasons shall be kept at optimal level.
ab	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.	Noted.
ac	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-water under any meteorological conditions.	Noted. We will design the stack as per CPCB guidelines and ensure that the exit velocity is sufficiently high.

PART B – GENERAL CONDITIONS

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

S.NO.	CONDITIONS	COMPLIANCE
i	The project proponent shall ensure the commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are compiled with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment shall be taken as commitment by project proponent.	Noted. All the safeguards and measures mentioned in the form IA will be implemented along with the environment management plan as submitted to SEIAA. Environment management plan is attached as <i>Annexure XI</i> .
ii	Six monthly compliance reports should be submitted to the HSPCB and Regional Office, MOEF,GOI, Northern Region, Chandigarh and a copy to the SEIAA, Haryana.	Complied. Six monthly compliance reports on the status of compliance of the stipulated Environmental clearance conditions including results of monitored data is submitting to the HSPCB, Northern Regional office-MoEF, SEIAA-Haryana.
iii	Noise, STP outlet and stack emission shall be monitored daily. After every 3 months, the project proponent shall conduct environmental audit and shall take corrective measure, If required, without delay.	Noted.
iv	The SEIAA, Haryana reserves the right to add additional safeguards 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 10 satisfaction of SEIAA / MoEF.	Noted.
v	The Project proponent shall not violate any judicial orders /pronouncements issued by any Court/Tribunal.	Noted.
vi	All other statutory clearance such as approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department ,Forest Conservation Act,1980, and Wildlife	Noted. Forest and Aravali NOC has been obtained. <i>Ref Annexure V.</i>

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	(Protection) Act, 1972, Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponent from the respective authorities prior to construction of the project.	
vii	The project proponent should inform the public that the project has been accorded Environmental clearance by SEIAA and copies of the clearance letter are available with the State Pollution Control Board & SEIAA. This should be advertised within 7 days from date of issue of clearance letter at least in two local newspapers that are widely circulated in the region and copy of the same should be forwarded to SEIAA Haryana. A copy of environmental clearance conditions shall also be put on the project proponent's web site for public awareness.	Public notice regarding EC of this project was issued in two local newspapers, a copy of which has been submitted to SEIAA, Haryana
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.	Complied. We have obtained the Environment Clearance before start of construction activities. A copy is enclosed <i>Ref. Annexure I.</i>
ix	Any appeal against 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.	No appeal against this Environment Clearance preferred within a specified period of 30 days under Section 16 of the national green Tribunal Act 2010.
x	The project proponent shall put in place Corporate Environment Policy as mentioned in MoEF, Gol OM No. J-11013/41/2006-IA II (I) dated 26.4.2012 within 3 months period. Latest Corporate Environment policy should be submitted to SEIAA within 3 months of issuance of this letter.	A copy of our Corporate Environment Policy was submitted to SEIAA, Haryana vide our letter dated 10th October, 2013.
xi	The funds ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure report shall be reported to the SEIAA/RO MoEF, Gol under rules	Noted. The funds earmarked and designated for Environment management plan, pollution control devices and Environment monitoring plan will be implemented and used exclusively for the environment commissioning in the

ASTAIRE GARDEN "PLOTTED DEVELOPMENT PROJECT" SECTOR- 70 & 70A, VILLAGE – PALRA, GURGAON

COMPLIANCE REPORT

	prescribed for Environmental Audit.	project.
xii	The Project Proponent shall obtain NOC under Aravalli Notification from CEC of Hon'ble Supreme court regarding coverage under Aravalli Notification before start of construction.	Complied. AravaliNOC Enclosed as an <i>Annexure XI</i> .
xiii	The project proponent shall ensure that no vehicles during construction/ operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority.	Noted. PUC of the vehicles are being checked deliberately and then allowed into the premises.
xiv	The project proponent is responsible for compliance of all conditions in Environmental Clearance letter and project proponent cannot absolve himself/herself of the responsibility by shifting it to any contractor engaged by the project proponent.	Noted.
xv	The project proponent shall seek fresh Environment Clearance if at any stage there is change in the planning of the proposed project.	Noted.

Annexure I
Environment Clearance

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HARYANA
Bay No. 55-58, Prayatan Bhawan, Sector-2, PANCHKULA.

No. SEIAA/HR/2013 **456**

Dated: 12-7-13

To

M/s Countrywide Promoters Pvt. Ltd.
 M-11, Middle Circle, Connaught Circus,
 New Delhi- 110001

Subject: Environmental Clearance for Construction of plotted development project, Sector-70 & 70A, Village – Palra, Gurgaon, Haryana.

Dear Sir,

This letter is in reference to your application no. Nil dated 15-02-2011 addressed to Director, IA (III) MOEF GOI received on 21-10-2011 and transferred to M.S. SEIAA on 18-05-2012 and subsequent letters dated 20-10-2011 and 09-01-2013 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-1, Form1-A & Conceptual Plan, EIA/EMP on the basis of 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 20-11-2012 and 27-02-2013 awarded "Gold" grading to the project.

[2] It is inter-alia, noted that the project involves the Construction of plotted development project, Sector-70 & 70A, Village – Palra, Gurgaon, Haryana on a plot area of 413588.73 sqmt. (102.20 acre). The total built up area shall be 422479.04 sqmt. The Town ship shall comprise of 637 Residential Plots including NPNL and EWS. The Town ship shall also have Nursery School, Primary School, Nursing Home, Club/Community center multi-purpose booths etc. The total water requirement shall be 1789 KLD. The fresh water requirement shall be 902 KLD. The waste water generation shall be 1109 KLD, which will be treated in the STP of 1330 KLD capacity leading to zero exit discharge. The total power requirement shall be 15000 KVA which will be supplied by DHBYN. The Project Proponent has proposed to develop green belt on 30% of project area (20% tree plantation + 10% landscaping). The Project Proponent proposed to construct 18 rain water harvesting pits. The solid waste generation will be 5758 kg/day. The bio-degradable waste will be converted to compost in the project area and manure produced will be used for horticulture and green belt development. The total parking spaces proposed are 630 ECS.

[3] The State Expert Appraisal Committee, Haryana after due consideration of the relevant documents submitted by the project proponent and additional clarification furnished in response to its observations have recommended the grant of environmental

clearance for the project mentioned above, subject to compliance with the stipulated conditions. Accordingly, the State Environment Impact Assessment Authority in its meeting held on 28-06-2013 decided to agree with the recommendations of SEAC to accord necessary environmental clearance for the project under Category 8(b) of EIA Notification 2006 subject to the strict compliance with the specific and general conditions mentioned below:-

PART A-
SPECIFIC CONDITIONS:-
Construction Phase:-

- [1] "Consent for Establish" 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 first aid room 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 should 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 should be stored for use in horticulture/landscape development within the project site.
- [5] The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- [6] Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.
- [7] The diesel generator sets to be used during construction phase should be of ultra low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
- [8] The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
- [9] Ambient noise levels should conform to the residential 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 and noise level during construction phase, so as to conform to the stipulated residential standards.

- [10] Fly ash should 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.
- [11] Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.
- [12] Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- [13] In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/ utility provider indicating source of water supply and quantity of water with details of forecasted use of water – potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and (ii) MOEF, Chandigarh before the start of construction.
- [14] Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
- [15] Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- [16] 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 fire – lightning etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent Authority.
- [17] Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency /savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MOEF, GOI, Chandigarh.
- [18] The Project Proponent shall construct 18 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 RWL pit.

- [19] The Project Proponent shall provide minimum one hydraulic ladder of sufficient length for escape of people in case of fire.
- [20] The Project Proponent shall submit assurance from the DHBVN for supply of 15000 KVA of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.
- [21] Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.
- [22] The Project Proponent shall obtain NOC from nearest fire station before the start of construction.
- [23] 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.
- [24] The Project Proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project as per prescribed by-laws. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding.
- [25] Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.
- [26] 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.
- [27] The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.
- [28] 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.
- [29] The Project Proponent shall provide 3 meter high barricades 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.
- [30] The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.
- [31] The project proponent shall provide proper Rasta of proper width and proper strength for each project before the start of construction.

- [32] Vertical fenestration shall not exceed 40% of total wall area.
- [33] 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.
- [34] The project proponent shall adequately control construction dusts like silica dust, non-silica dust, wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.
- [35] The project proponent shall ensure that no construction activity is undertaken either on surface or below or above surface of revenue rasta passing through the project area.
- [36] The project proponent shall indicate the width and length of revenue rasta passing through the project area on sign board and shall display the same at both the ends of revenue rasta stretch, for awareness of public. Sign board shall also display the message that this is public rasta/road and any citizen can use it. There shall not be any gate with or without guards on revenue rasta.
- [37] The project proponent shall not raise any construction activity in the ROW reserved/acquired for High Tension Wire passing through the project area and shall maintain horizontal and vertical ROW as required under Indian Electricity Rules, 1956/DHBVN latest instructions.
- [38] The project proponent shall shift the location of school site (1 Acre) proposed near the HT line and relocate the same in the centre of the area while seeking additional license from DTCP Haryana as per undertaking given.
- [39] The project proponent shall provide additional STP near 60 meter wide sector road on Southern side and shall submit details of STPs before the start of the construction.
- [40] The project proponent shall submit revised green belt development plan by replacing centrally located water body with green area before the start of construction.
- [41] The project proponent shall develop complete infrastructure of the residential plotted colony i.e. internal roads, green belt development, sewerage line, rain water harvesting structures, STP, water supply line, dust plumbing line, gas supply lines, convenient shopping centre, parking spaces, schools, Nursing home etc and shall sell the plots thereafter.
- [42] The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.

Operational Phase:

- [a] "Consent to Operate" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.
- [b] 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 should be certified by an independent expert and a report in this regard should be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. Discharge of treated sewage shall conform to the norms and standards of HSPCB, Panchkula. Project Proponent shall implement such STP technology which does not require filter backwash.
- [c] Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 10 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc.
- [d] For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.
- [e] The solid waste generated should be properly collected and segregated. Bio-degradable waste shall be decomposed at site and dry inert solid waste should be disposed off to approved sites for land filling after recovering recyclable material.
- [f] Diesel power generating 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 should be in the basement as promised by the project proponent with appropriate stack height i.e. above the roof level as per the CPCB norms. The diesel used for DG sets should be ultra low sulphur diesel (0.05% sulphur), instead of low sulphur diesel.
- [g] 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 Commercial Complex.
- [h] The project proponent should maintain at least 30% 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 particulates matter. The open spaces inside the project should be preferably landscaped and covered with vegetation:grass, herbs & shrubs. Only locally available plant species shall be used.

- [i] The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapotranspiration data.
- [j] Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any 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.
- [k] The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- [l] There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be utilized.
- [m] A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the SELAA, Haryana in three months time.
- [n] Energy conservation measures like installation of LED for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adopted to the maximum energy conservation.
- [o] The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide halon free fire suppression system.
- [p] The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2000 and as amended from time to time. The biodegradable waste should be composted by vermi-composting at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- [q] 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.
- [r] 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 project site. Parking should be fully internalized and no public space should be used.


- [s] The Project shall be operationalized only when HUDA/public authority will provide domestic water supply system in the area.
- [t] Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of sale.
- [u] 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 per existing E-waste Management Rules 2011 and Batteries Management Rules 2001. The project proponent should maintain a collection center for E-waste and it should be disposed of to only registered and authorized dismantler / recycler.
- [v] Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.
- [w] The project proponent shall make provision for guard rails and other provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall also identify acceptable outfall for treated effluent.
- [x] 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 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.
- [y] All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.
- [z] The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.
- [aa] The project proponent shall use only treated water instead of fresh water for HVAC and DG cooling. 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 summer and winter seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance, as well as optimal integrated part 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.

- [ab] The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolytic grade copper. The project proponent shall obtain manufacturer's certificate also for that.
- [ac] 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-water under any meteorological conditions.

PART-B. GENERAL CONDITIONS:

- [i] 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.
- [ii] Six monthly compliance reports should be submitted to the HSPCB and Regional Office, MOEF, GOI, Northern Region, Chandigarh and a copy to the SEIAA, Haryana.
- [iii] Noise, STP outlet and stack emission shall be monitored daily. Other environmental parameters shall be monitored on monthly basis. After every 3 months the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.
- [iv] 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.
- [v] The Project proponent shall not violate any judicial orders/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, PLPA 1900, 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 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 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 appeal against 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.
- [x] The project proponent shall put in place Corporate Environment Policy as mentioned in MoEF, GoI OM No. J-11013/41/2006-IA II (I) dated 26.4.2012 within 3 months' period. Latest Corporate Environment Policy should be submitted to SEIAA within 3 months of issuance of this letter.
- [xi] 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 the SEIAA/RO MoEF, GoI under rules prescribed for Environment Audit.
- [xii] The Project Proponent shall obtain NOC under Aravalli Notification from CEC of Hon'ble Supreme court regarding coverage under Aravalli Notification before start of construction.
- [xiii] 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.
- [xiv] The project proponent is responsible for compliance of all conditions in Environmental Clearance letter and project proponent shall not absolve himself /herself of the responsibility by shifting it to any contractor engaged by project proponent.
- [xv] The project proponent shall seek fresh Environmental clearance if at any stage there is change in the planning of the proposed project.



 Member Secretary,
 State Level Environment Impact
 Assessment Authority, Haryana, Panchkula.

Endst. No. SEIAA/HR/2013

Dated:..... 

A copy of the above is forwarded to the following:

1. The Additional Director (IA Division), MOEF, GoI, CGO Complex, Lodhi Road, New Delhi.
2. The Regional office, Ministry of Environment & Forests, Govt. of India, Sector 31, Chandigarh.
3. The Chairman, Haryana State Pollution Control Board, Ferozpur.


 Member Secretary,
 State Level Environment Impact
 Assessment Authority, Haryana, Panchkula.

Annexure II

Ambient Air, Ambient Noise and Soil Test Report



NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

(An ISO :9001 : 2015 & ISO 45001 : 2018 Certified Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Outgoing for an Assured
Future

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Waste Water	WW-050421-5	10/04/2021

Issued To: M/s. Countrywide Promoters Pvt. Ltd
Project of Name: Astaire Garden "Plotted Development Project"
 Sector-70 & 70a, Village- Palra, District- Gurgaon

SAMPLING & ANALYSIS DATA

Sample Received On : 05/04/2021
 Sample Drawn By : NTL
 Sample Description : STP Inlet (100 KLD)-01
 Sampling Location : Project Site
 Sample Drawn On : 05/04/2021
 Sample Quantity/Packing detail : 1 lt/Plastic Cane
 Analysis Duration : 05/04/2021 to 09/04/2021

TEST RESULT

S.No	Parameter	Test Method	Results	Units
1.	pH	IS:3025(Part-11):1983	7.78	-
2.	Total Suspended Solid (TSS)	IS:3025(Part-17):1984	210	mg/l
3.	Chemical Oxygen Demand(as O ₂)	APHA 5220 B:2005	589	mg/l
4.	Biological Oxygen Demand(as O ₂)	IS:3025(Part-44):1993	223	mg/l
5	Oil & grease	IS:3025(Part-39):1984	4.8	mg/l

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. This test report will not be used for any publicity/legal purpose.
5. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttarakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttarakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com



NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

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MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

TEST CERTIFICATE

Test Report of Waste Water	Report Code WW-050421-4	Date of Issue 10/04/2021
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Issued To: M/s. Countrywide Promoters Pvt. Ltd
 Project of Name: Astaire Garden "Plotted Development Project"
 Sector-70 & 70a, Village- Palra, District- Gurgaon

SAMPLING & ANALYSIS DATA

Sample Drawn On : 05/04/2021
 Sample Collected By : NTL
 Sample Description : STP Outlet (100 KLD) -01
 Sampling Location : Project Site
 Sample Quantity/Packing detail : 2 lt/Plastic Cane
 Weather Conditions : Normal
 Analysis Duration : 05/04/2021 to 09/04/2021

TEST RESULTS

S. No.	Parameter	Test Method	Results	Units	Limits as per CPCB norms
1.	pH	IS:3025(Part-11):1983	7.44	-	5.0-9.0
2.	Total Suspended Solid	IS:3025(Part-17):1984	32.0	mg/l	100.0
3.	Chemical Oxygen Demand(as O ₂)	APHA 5220 B:2005	115.0	mg/l	250
4.	Biological Oxygen Demand(as O ₂)	IS:3025(Part-44):1993	21.8	mg/l	30
5.	Oil & grease	IS:3025(Part-39):1984	<1.0	mg/l	10

Remarks: Test parameters coming in under limit, Prescribe limits are given by MoEF/Central Pollution Control Board.

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. This test report will not be used for any publicity/legal purpose.
5. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttarakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttarakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com



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MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Gautam Budh Nagar
Laboratory

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Waste Water	WW-050421-7	10/04/2021

Issued To: M/s. Countrywide Promoters Pvt. Ltd
 Project of Name: Astaire Garden "Plotted Development Project"
 Sector-70 & 70a, Village- Palra, District- Gurgaon

SAMPLING & ANALYSIS DATA

Sample Received On : 05/04/2021
 Sample Drawn By : NTL
 Sample Description : STP Inlet (100 KLD)-02
 Sampling Location : Project Site
 Sample Drawn On : 05/04/2021
 Sample Quantity/Packing detail : 1 lt/Plastic Cane
 Analysis Duration : 05/04/2021 to 09/04/2021

TEST RESULT

S.No	Parameter	Test Method	Results	Units
1.	pH	IS:3025(Part-11):1983	7.62	-
2.	Total Suspended Solid (TSS)	IS:3025(Part-17):1984	219	mg/l
3.	Chemical Oxygen Demand(as O ₂)	APHA 5220 B:2005	602	mg/l
4.	Biological Oxygen Demand(as O ₂)	IS:3025(Part-44):1993	248	mg/l
5.	Oil & grease	IS:3025(Part-39):1984	4.1	mg/l

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. This test report will not be used for any publicity/legal purpose.
5. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttarakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttarakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com



NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

(An ISO :9001 : 2015 & ISO 45001 : 2018 Certified Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Established in the Year 1992
Lab No.

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Waste Water	WW-050421-6	10/04/2021

Issued To: M/s. Countrywide Promoters Pvt. Ltd
 Project of Name: Astaire Garden "Plotted Development Project"
 Sector-70 & 70a, Village- Palra, District- Gurgaon

SAMPLING & ANALYSIS DATA

Sample Drawn On : 05/04/2021
 Sample Collected By : NTL
 Sample Description : STP Outlet (100 KLD)-02
 Sampling Location : Project Site
 Sample Quantity/Packing detail : 2 lt/Plastic Cane
 Weather Conditions : Normal
 Analysis Duration : 05/04/2021 to 09/04/2021

TEST RESULTS

S. No.	Parameter	Test Method	Results	Units	Limits as per CPCB norms
1.	pH	IS:3025(Part-11):1983	7.59	-	5.0-9.0
2.	Total Suspended Solid	IS:3025(Part-17):1984	36.0	mg/l	100.0
3.	Chemical Oxygen Demand(as O ₂)	APHA 5220 B:2005	122.0	mg/l	250
4.	Biological Oxygen Demand(as O ₂)	IS:3025(Part-44):1993	23.5	mg/l	30
5.	Oil & grease	IS:3025(Part-39):1984	<1.0	mg/l	10

Remarks: Test parameters coming in under limit, Prescribe limits are given by MoEF/Central Pollution Control Board.

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. This test report will not be used for any publicity/legal purpose.
5. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.


 CHECKED BY


 AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttarakhand

Branch Office : Gayatri Nagar, Katgodam, Haridwari, Uttarakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com

Annexure III
Consent To Establish



HARYANA STATE POLLUTION CONTROL BOARD

**Haryana State Pollution Control Board, 3rd Floor,
HSIIDC Office Complex, IMT Manesar, Gurugram**

Website: www.hspcb.gov.in E-Mail - hspcb.pkl@sifymail.com

Telephone No.: 0172-2577870-73



No. HSPCB/Consent/ : 329962319GUSOCTE5787164

Dated:14/03/2019

To.

M/s : M/s Countrywide Promoters Pvt Ltd
Residential Plotted colony, sector 70 & 70 A, Village Palra, Gurgaon
GURGAON
122001

Sub. : Grant of consent to Establish to M/s M/s Countrywide Promoters Pvt Ltd

Please refer to your application no. 5787164 received on dated 2019-02-27 in regional office Gurgaon South.

With reference to your application for consent to establish, M/s M/s Countrywide Promoters Pvt Ltd is here by granted consent as per following specification/Terms and conditions.

Consent Under	AIR/WATER
Period of consent	14/03/2019 - 11/07/2020
Industry Type	Building and construction project having waste water generation more than 100 KLD
Category	RED
Investment(In Lakh)	18312.0
Total Land Area (Sq. meter)	413588.7
Total Builtup Area (Sq. meter)	422479.0
Quantity of effluent	
1.Trade	0.0 KL/Day
2.Domestic	1109.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1.Domestic	Recycling/Reuse of Gardening/Horticulture
2.Trade	0
Permissible Domestic Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. pH	5.5-9.0

5. Oil & Grease	10 mg/l
Permissible Trade Effluent Parameters	
1. NA	mg/l
Number of stacks	3
Height of stack	
1. Attached to D.G.Set 1000 KVA above roof level	6.32 meter
2. Attached to D.G.Set 500 KVA above roof level	4.47 meter
3. Attached to D.G.Set 2000 KVA above roof level	8.94 meter
Permissible Emission parameters	
1. NA	
Capacity of boiler	
1. N.A.	Ton/hr
Type of Furnace	
1. N.A.	
Type of Fuel	
1. Diesel	0.025 KL/day

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

Terms and conditions

1. The industry has declared that the quantity of effluent shall be 1179 KL/Day i.e 0KL/Day for Trade Effluent, 70 KL/Day for Cooling, 1109 KL/Day for Domestic and the same should not exceed .
2. The above 'Consent to Establish' is valid for 12 months from the date of its issue to be extended for another one year at the discretion of the Board or till the time the unit starts its trial production whichever is earlier. The unit will have to set up the plant and obtain consent during this period.
3. The officer/official of the Board shall have the right to access and inspection of the industry in connection with the various processes and the treatment facilities being provided simultaneously with the construction of building/machinery. The effluent should conform the effluent standards as applicable
4. That necessary arrangement shall be made by the industry for the control of Air Pollution before commissioning the plant. The emitted pollutants will meet the emission and other standards as laid/will be prescribed by the Board from time to time.
5. The applicant will obtain consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of the Air (Prevention & Control of Pollution) Act,1981 as amended to-date-even before starting trial production
6. The above Consent to Establish is further subject to the conditions that the unit complies with all the laws/rules/decisions and competent directions of the Board/Government and its functionaries in all respects before commissioning of the operation and during its actual working strictly.

7. No in-process or post-process objectionable emission or the effluent will be allowed, if the scheme furnished by the unit turns out to be defective in any actual experience
8. The Electricity Department will give only temporary connection and permanent connection to the unit will be given after verifying the consent granted by the Board, both under Water Act and Air Act.
9. Unit will raise the stack height of DG Set/Boiler as per Board's norms.
10. Unit will maintain proper logbook of Water meter/sub meter before/after commissioning.
11. That in the case of an industry or any other process the activity is located in an area approved and that in case the activity is sited in an residential or institutional or commercial or agricultural area, the necessary permission for siting such industry and process in an residential or institutional or commercial or agricultural area or controlled area under Town and Country Planning laws CLU or Municipal laws has to be obtained from the competent Authority in law permitting this deviation and be submitted in original with the request for consent to operate.
12. That there is no discharge directly or indirectly from the unit or the process into any interstate river or Yamuna River or River Ghaggar.
13. That the industry or the unit concerned is not sited within any prohibited distances according to the Environmental Laws and Rules, Notification, Orders and Policies of Central Pollution control Board and Haryana State Pollution Control Board.
14. That of the unit is discharging its sewage or trade effluent into the public sewer meant to receive trade effluent from industries etc. then the permission of the Competent Authority owing and operating such public sewer giving permission letter to his unit shall be submitted at time of consent to operate.
15. That if at any time, there is adverse report from any adjoining neighbor or any other aggrieved party or Municipal Committee or Zila Parishad or any other public body against the unit's pollution; the Consent to Establish so granted shall be revoked.
16. That all the financial dues required under the rules and policies of the Board have been deposited in full by the unit for this Consent to Establish.
17. In case of change of name from previous Consent to Establish granted, fresh Consent to Establish fee shall be levied.
18. Industry should adopt water conservation measures to ensure minimum consumption of water in their Process. Ground water based proposals of new industries should get clearance from Central Ground Water Authority for scientific development of previous resource.
19. That the unit will take all other clearances from concerned agencies, whenever required.
20. That the unit will not change its process without the prior permission of the Board.
21. That the Consent to Establish so granted will be invalid, if the unit falls in Aravali Area or non conforming area.
22. That the unit will comply with the Hazardous Waste Management Rules and will also make the non-leachate pit for storage of Hazardous waste and will undertake not to dispose off the same except for pit in their own premises or with the authorized disposal authority.
23. That the unit will submit an undertaking that it will comply with all the specific and general conditions as imposed in the above Consent to Establish within 30 days failing which Consent to Establish will be revoked.
24. That unit will obtain EIA from MoEF, if required at any stage.

25. In case of unit does not comply with the above conditions within the stipulated period, Consent to Establish will be revoked.
26. That unit will obtain consent to operate from the board before the start of product activity.

Specific Conditions

Other Conditions :

1. During construction phase unit will comply with the guidelines issued by MoEF as well as the Direction issued by NGT in Original Application No. 21 of 2014 titled as vardhman Kaushik V/s Union of India & Ors as well as will comply with the guidelines issued under C & D waste Management Rules, 2018.
2. The unit will revalidate the licence from DTCP.

Shakti Singh Digitally signed by Shakti Singh
Regional Officer, Gurgaon South
Haryana State Pollution Control Board.



Annexure IV
First Aid Facility

FIRST AID BOX



Annexure V
FOREST NOC

प्रेषक

उपायुक्त, गुडगांव।

सेवा में

M/s Countrywide Promoters Pvt.Ltd.

क्रमांक 923 /एसओसी दिनांक 18-4-14

विषय

Verification regarding applicability of Aravali notification for deciding the NOC case of Consent to Establish from Pollution Angle for residential Township project at sector 70&70A, Village Palra Gurgaon, Haryana.

धदि

उपरोक्त विषय पर आपके द्वाराका पत्र को सम्बन्ध में।

विषयाधीन मामले में इस कार्यालय द्वारा तहसीलदार गुडगांव व उप-वन संरक्षक गुडगांव से रिपोर्ट प्राप्त की गई जो निम्न प्रकार है :-

तहसीलदार गुडगांव के कार्यालय के पत्र दिनांक 10.03.2011 द्वारा प्राप्त रिपोर्ट अनुसार सीज पलरा के किल्ला नं० 3//21, 4//25, 6//18, 19, 20, 21, 22, 23/1, 23/2/1, 23/2/2, 24/1, 24/2, 25/2/1, 7//25, 16, 8//5, 6/2, 7, 15, 16/1, 16/2, 17/1, 9//1, 2/1, 2/2/1, 3, 4, 5, 6, 7, 8, 9/1, 10/1, 10/2, 11/1, 13/2, 14/1, 14/2, 15, 16, 17, 25, 10//10, 11/2, 11/3, 16/2, 20, 21, 22/1, 25, 31//13/2, 14/2, 14/3, 15, 17/1, 18/1, 18/2, 19/1, 19/2, 20/1/1, 20/1/2, 20/3, 21, 23/2/1, 23/2/2, 24/1, 12//1/1, 2, 9, 11, 12/1, 12/2/1, 16, 17, 18, 19/1, 19/2, 20, 21/1, 21/2, 22/1, 22/2, 23, 24/2/2, 10//1, 2, 3, 4/1, 4/3, 5/2, 8, 9, 17//1, 9/2/1, 9/2/2, 10/1, 11/1, 11/2, 12/1/1, 12/1/2, 12/2, 18/1, 18/2, 19, 20, 21, 22/1, 22/2, 23/1/1, 23/1/2, 23/2, 24/1, 24/2/1, 24/2/2, 18//1, 6/2/1, 7/2, 8, 8, 10, 11, 12/1, 13/1/2, 13/2, 14/1/1, 14/2/2, 15/1/2, 15/2/2, 16/1, 16/2, 17/2, 18, 19/1, 23/1, 23/3, 24/1/1, 24/2, 25/1/1, 25/2/2, 27/2, 19//25, 24//8, 8मिन, 25//1/1, 1/2, 2/1, 2/2, 3, 4/1, 5/1, 6/2, 8, 8/1, 13/1,मिन, 20//1/1, 1/2, 2/1/1, 2/1/2/2, 2/2, 3, 4, 5/1, 6, 7, 8/1, 8/2, 9, 10, 27//10/2मिन, 9/2/2मिन, 10/1/2मिन, व गाँव बापसाहपुर के के अरावली किल्ला नं० 118//2/2, 3, 8 दिनांक 07.05.1982 के नोटिफिकेशन अनुसार उपरोक्त अरावली अरावली क्षेत्र से बाहर है। उपरोक्त अरावली पर राजस्व विकास का कितनी भी न्यायालय ने कोई कंस नहीं है।

उप-वन संरक्षक, गुडगांव के कार्यालय के पत्र क्रमांक 3031-जी दिनांक 10.12.2013 द्वारा इस कार्यालय में प्राप्त रिपोर्ट अनुसार M/s Countrywide Promoters Pvt.Ltd, vide letter No. Nil dated 07.03.2012 made a request in connection with land measuring 99.81 Acres having Rect No. 3//21, 4//25, 6//18, 19, 20, 21, 22, 23/1, 23/2/1, 23/2/2, 24/1, 24/2, 25/2/1, 7//25, 16, 8//5, 6/2, 7, 15, 16/1, 16/2, 17/1, 9//1, 2/1, 2/2/1, 3, 4, 5, 6, 7, 8, 9/1, 10/1, 10/2, 11/1, 13/2, 14/1, 14/2, 15, 16, 17, 25, 10//10, 11/2, 11/3, 16/2, 20, 21, 22/1, 25, 11//13/2, 14/2, 14/3, 15, 17/1, 18/1, 18/2, 19/1, 19/2, 20/1/1, 20/1/2, 20/2, 21, 23/2/1, 23/2/2, 24/1, 12//1/1, 2, 9, 11, 12/1, 12/2/1, 16, 17, 18, 19/1, 19/2, 20, 21/1, 21/2, 22/1, 22/2, 23, 24/2/2, 16//1, 2, 3, 4/1, 4/3, 5/2, 8, 9, 17//1, 9/2/1, 9/2/2, 10/1, 11/1, 11/2, 12/1/1, 12/1/2, 12/2, 18/1, 18/2, 19, 20, 21, 22/1, 22/2, 23/1/1, 23/1/2, 23/2, 24/1, 24/2/1, 24/2/2, 18//1, 6/2/1, 7/2, 8, 9, 10, 11, 12/1, 13/1/2, 13/2, 14/1/1, 14/2/2, 15/1/2, 15/2/2, 16/1, 16/2, 17/2, 18, 19/1, 23/1, 23/3, 24/1/1, 24/2, 25/1/1, 25/2/2, 27/2, 19//25, 24//5, 8मिन, 25//1/1, 1/2, 2/1, 2/2, 3, 4/1, 5/1, 6/2, 8, 9/1, 13/1,मिन, 28//1/1, 1/2, 2/1/1, 2/1/2/2, 2/2, 3, 4, 5/1, 6, 7, 8/1, 8/2, 9, 10, 27//10/2मिन, 9/2/2मिन, 10/1/2मिन land located at Village Palra and land measuring 2.39 acres having Rect No. 118//2/2, 3, 8, land located at village

Badshahpur(Total Land measuring 162.2 Acres) District Gurgaon, Applicant made a proposal to use this land for Residential Township Project. In Continuation of report submitted by RFO, Sohna vide letter no 8-S dated 03.05.2012 it is made clear that:

- A. As per record available above said land is not part of notified Reserved Forest, Protected Forest under Indian Forest Act, 1927 specific section 4 & 5 of Punjab Land Preservation Act 1900.
- B. It is clarified that by the notification no. S.O.8/P.A2/1900/S.4/2013 dated 4th January 2013 all Revenue Estate of Gurgaon is notified u/s 4 of PLPA 1900 and S.O. 81/PA.2/1900/S.3/12 dated 19th December 2012 u/s 3 of PLPA 1900. The area is however not recorded as forest in the Government record but felling of any tree is strictly prohibited without the permission of Divisional Forest Officer, Gurgaon.
- C. If approach is required from Protected Forest by the user agency, the clearance/regularization under Forest Conservation Act, 1980 will be required without prior clearance from Forest Department, the user of Forest land for approach road is strictly prohibited M/s Countrywide Promoters Pvt.Ltd.whose land is located at village Palu & Badshahpur. District Gurgaon must obtain clearance as applicable under Forest Conservation Act 1980.
- D. As per records available with the forest Department Gurgaon, the area does not fall in under Aravali Project Plantation done by the Forest Department under Aravali project.
- E. All other statutory clearance mandated under the Environment Protection Act, 1986 as per the notification of Ministry of Environment and Forest, Government of India, dated 07.05.1992 or any other Act/order shall be obtained as application by the project proponents from the concerned authorities.
- F. The project proponents will not violate any judicial order/ direction issued by the Hon'ble Supreme Court/High Courts.
- G. It is clarified that the Hon'ble supreme Court has issued various judgment dated 07.05.2002, 29.10.2002, 16.12.2002, 18.03.2004, 14.05.2008 etc. pertaining to Aravalli region in Haryana, Which should be complied with.
- H. It shall be the responsibility of user agency/applicant to get necessary clearances/permissions under various Acts and Rules applicable if any, from the respective authorities/Department.

रिपोर्ट सेवा में प्रेषित है।

श्री. उपमुख्य मुद्रण।

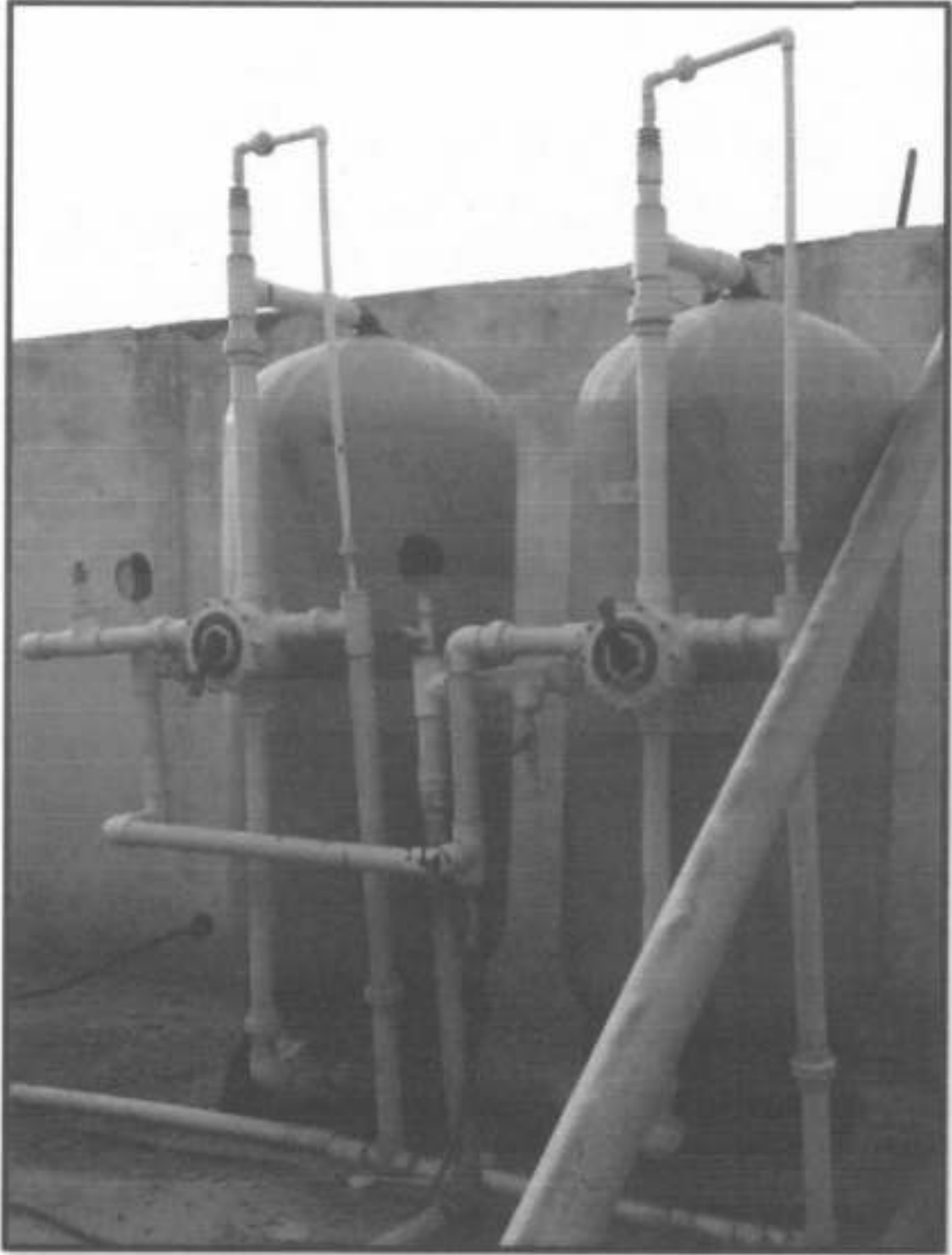
अंक /एसओ/2 दिनांक

इसकी एक प्रति Director General, Town & Country Planning, Haryana, Chandigarh को सूचना एवं आवश्यक कार्रवाई हेतु प्रेषित है।

श्री. उपमुख्य मुद्रण।

Annexure VI
Photograph of STP

STP PHOTOGRAPH



Annexure VII
Photograph of RWH Pit

RAIN WATER HARVESTING PIT



Annexure VIII
DHBVN Permission



DAKSHIN HARYANA BILJI VITRAN NIGAM
(A Power Distribution & Retail Supply Utility, Govt. of Haryana)
An ISO 9001: 2008 Compliant Utility, CIN: U99999HR-1999SG034165
Chief Engineer/Commercial, DHBVN, Hisar,
Regd. Office: Vidyut Sadan, Vidyut Nagar, Hisar-125005 (Haryana)
Phone No. 01662-223093, Fax No. 01662223153
Website: dhbvn.org.in E-Mail: cecommercialdhbvn@gmail.com

To

SE/OP,
DHBVN, Gurgaon.

Memo No. Ch. 3/SE/C-EP-205 Dated: 23.02.2017

Sub: Approval of electrification scheme with ultimate load of 9348KW or 10386KVA for Residential Plotted colony (102.2Acs) in Sec-70 & 70A, Gurgaon, Haryana being developed by M/s Countrywide Promoters Pvt. Ltd. under HT bulk supply domestic category.

Please refer to your office memo no. Ch- 04/PV-GC-873/SU dated 24.10.2016 on the above cited subject vide which a case for approval of electrification scheme with ultimate load of 9348KW or 10386KVA for Residential Plotted colony (102.2 Acs) in Sec-70 & 70A, Gurgaon, Haryana being developed by M/s Countrywide Promoters Pvt. Ltd. under HT bulk supply domestic category has been received in this office. The technically feasibility report jointly examined by SE/OP, Gurgaon, SE/TS, HVPN, Gurgaon and SE/NCR, HVPN, Gurgaon in their meeting held on 19.01.2017, has also been received through email, wherein it has been mentioned regarding feasibility of subject cited case as under:-

"The proposal for feeding the ultimate load of 9348KW or 10386KVA from proposed 220/33KV S/Stn. Sec-69, Gurgaon through proposed 33KV Independent feeder with 3Cx300mm² XLPE cable Run at the cost of the applicant was considered and recommended for sanction of ultimate load of 9347.65KW or 1038627KVA along with electrification scheme from proposed 220/33KV S/Stn. Sec-69, Gurgaon".

The electrification plan has been examined from the aspect of sufficiency of infrastructure with respect to the ultimate load only and not from any design/specification aspect, in accordance with SI No. 21/2015. The residential plotted colony has been proposed to be fed from proposed 220/33KV S/Stn. Sec-69, Gurgaon through proposed 33 KV independent feeder with double run 3CX300mm² XLPE underground 33 KV cable. The developer shall create 33KV GIS S/Stn, with installed capacity 1x12.5MVA 33/11KV power transformer. The developer shall install 2x1000+2x750+13x630+3x400+7x160KVA 11/0.4KVA DTs (Total capacity 14010KVA) as shown in the drawing which is sufficient to cater to the ultimate load of 9348KW or 10386KVA.


As per sales circular No. D-40/2016, CE/Commercial is empowered to sanction the above electrification plan with the approval of Director/OP, DHBVN, Hisar. As such, the electrification plan for Residential Plotted colony (102.2 Acs) in Sec-70 & 70A, Gurgaon, Haryana being developed by M/s Countrywide Promoters Pvt. Ltd. is hereby approved with ultimate load of 9348KW or 10386KVA under HT bulk supply domestic category

subject to compliance of the terms and conditions given as under:->

1. The developer shall create 33KV GIS S/Stn., with installed capacity of 1x12.5MVA 33/11KV power transformer.
2. The developer shall install 2x1000+2x750+13x630+3x400+7x160KVA 11/0.4KVA DTs.
3. The ultimate load of 9348KW or 10386KVA for Residential Plotted colony shall be fed from proposed 220/33KV S/Stn. Sec-69, Gurgaon through proposed 33 KV independent feeder with double run 3CX300mm² XLPE underground 33 KV cable.
4. Since the developer has proposed to install dry type distribution transformers (11/0.4KV) T/Fs, so from safety aspect an NOC in this regard may be obtained from Chief Electrical Inspector, besides ensuring compliance of all safety measures by SE/OP, Gurgaon.
5. Protection scheme to be provided on independent feeder at the applicant's end for obtaining supply at 33KV level be got approved from the M&P wing of both DHBVN & HVPN.
6. Complaint centers shall be constructed by the applicant as per Nigam instructions No. P&D 9/2011.
7. Guidelines given in Sales Instruction No. 12/2015 shall be strictly complied with.
8. An undertaking be obtained from the consumer that the technical feasibility shall be examined afresh every time the consumer applies for extension of load.
9. The applicant either deposit ACD corresponding to ultimate load in cash in one go or ACD corresponding to partial load in cash and ACD for balance of ultimate load in the shape of BG.
10. SE/OP, DHBVN Gurgaon should personally ensure that the BG of independent feeder and internal infrastructure is deposited by the applicant as per Nigam instructions and commensurate with the ultimate load prior to release of load.
11. CEA guidelines and IE rules regarding Safety precaution should be adhered to for connecting the electrical system.
12. The applicant will deposit the share cost as per the instructions of HVPN, if required.
13. The applicant will enter into tripartite agreement with HVPN and DHBVN.
14. No applicant, senior to the instant applicant/ consumer is waiting for sanction of load / extension of load.
15. Processing charges, Consumption security & other applicable charges be recovered from the applicant as per Nigam instruction.
16. Documentary proof in support of the identification of the authorized signatory i.e. copy of ration card, driving license etc. shall be obtained from the applicant / consumer.
17. The applicant will submit documentary proof in support of ownership of land.
18. Non- judicial stamp worth Rs. 3/- on the left corner of A&A be got affixed by the SDO before taking further action.
19. The consumer will not raise any claims against the department for un-notified unscheduled power cuts, which are beyond the control of the department and an undertaking will be obtained from him.

20. The applicant shall comply with the instructions of the Nigam issued by this office time to time.
21. The HT brochure may contain old instructions, as such an additional affidavit be obtained from the consumer to abide by the provision of the Electricity Act 2003 and complying of all the instructions of SMI & Sales Circular issued as well as amended by the Nigam from time to time before release.
22. Necessary clearance from various Govt. Department i.e. CEI, Pollution Control Board etc. shall be taken.
23. The tariff to be charged from the residents should in accordance with tariff schedule approved by HERC.
24. For the creation of S/Stn./transmission lines & before erection of major items, inspection will be got carried out from DHBVN / HVPN Authorities. The inspection charges @ 1.5% of the estimated cost of work shall be paid by the applicant to DHBVN / HVPN as the case may be.
25. The applicant shall erect underground HT lines & other infrastructure as per specification and design of the Nigam.
26. All other formalities as required as per instruction issued/adopted by Nigam time to time shall be completed.
27. Metering equipments including CTs of matching capacity as per specifications / design of Nigam shall be provided at feeding S/Stn. as per Nigam instructions.
28. The applicant will mandatorily install solar photovoltaic Power Plant as per provisions of Haryana Renewable Energy Department notification no. 22/52/2005-5 Power dated 21.03.2016 duly circulated by the Nigam vide Sales Circular no. D-42/2016 alongwith its amendment vide Sales Circular no. D-10/2017.

This issues with the approval of worthy Director/OP, DHBVN Hisar at NP- 3 of file no. EP-205/2016.


CE/Commercial
DHBVN, Hisar

CC to:-

1. The PS to Director/OP, DHBVN, Hisar for kind information of Director please.
2. CE/PD&C, DHBVN, Hisar with the request to send the case to the planning wing of HVPN.
3. CE/OP, DHBVN, Delhi for information please.
4. CE/Planning, HVPN, Panchkula for kind information and further necessary action please.
5. CE/TS, HVPN, Hisar.
6. SE/TS, HVPN, Gurgaon.
7. SE/NCR, Planning, Gurgaon.
8. XEN/ OP, S/Urban Divn., Gurgaon.
9. SDO/OP, S/Divn., DHBVN, Badshahpur.
10. M/s Countrywide Promoters Pvt. Ltd. Gurgaon.

Annexure IX
Photographs of Green Belt

GREEN BELT



Annexure X
Consent To Operate



HARYANA STATE POLLUTION CONTROL BOARD



Haryana State Pollution Control Board, 3rd Floor,
HSIIDC Office Complex, IMT Manesar,
Gurugram Email:- hspcbrogrs@gmail.com
E-mail: hspcb@hry.nic.in

No. HSPCB/Consent/ : 329962320GUSOCTO5081418

Dated:21/08/2020

To,

M/s :M/s Countrywide Promoters Pvt Ltd
Residential Plotted colony, sector 70 & 70 A, Village Palra, Gurgaon

Subject: Grant of consent to operate to M/s M/s Countrywide Promoters Pvt Ltd.

Please refer to your application no. 5081418 received on dated 2020-07-10 in regional office Gurgaon South. With reference to your above application for consent to operate, M/s M/s Countrywide Promoters Pvt Ltd is hereby granted consent as per following specification/Terms and conditions.

Consent Under	BOTH
Period of consent	10/07/2020 - 30/09/2021
Industry Type	Building and construction project having waste water generation more than 100 KLD
Category	RED
Investment(In Lakh)	18312.0
Total Land Area(Sq. meter)	413588.7
Total Builtup Area(Sq. meter)	422479.0
Quantity of effluent	
1.Trade	0.0 KL/Day
2.Domestic	90.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1.Domestic	Recycling/Reuse of Gardening/Horticulture
2.Trade	0
Domestic Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. Oil & Grease	10 mg/l
5. pH	5.5-9.0
Trade Effluent Parameters	
1. NA	
Number of stacks	1
Height of stack	

1. Attached to D.G.Sets above roof level	4 meter
Emission parameters	
1. NA	
Product Details	
1. N.A.	Metric Tonnes/day
Capacity of boiler	
1. N.A.	Ton/hr
Type of Furnace	
1. N.A.	
Type of Fuel	
1. Diesel	0.18 KL/day
Raw Material Details	
N.A.	Metric Tonnes/Day

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

Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. 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.

10. 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.
11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
14. 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.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

HARYANA STATE Specific Conditions :

1. That the unit will run and maintain it's STP regularly and properly will provide separate energy meter on their STP and maintain the Log Book for energy consumption of STP and chemicals used daily for the STP.
2. That the unit shall keep all the parameters within the prescribed limits and shall comply with all the Norms and Rules as prescribed in the Act.
3. That the unit will adopt cleaner technology thereby reducing pollution load. 4. That the unit will provide inter locking arrangement of DG set with STP and shall have separate D.G. set to ensure regular and effective running of pollution control devices.
5. That the unit will not discharge any untreated effluent inside and outside its premises.
6. Unit will provide separate flow meter at Inlet/ Outlet of STP for which separate log book will be maintained if required.
7. That the unit will not add any air polluting process/ machinery and also not to add any process which increases the water pollution load.
8. That the unit will comply with all the provisions of Hazardous Waste Rules and submit return under HWM Rules on yearly basis.
9. That the CTO so granted shall become invalid in case of violation of any of the above / any law of the land.
10. Unit will submit analysis report from recognized laboratory under air /water act every year as applicable.
11. Unit will apply for consent to operate for further period 90 days before expiry of this consent otherwise penalty will be imposed as per policy.
12. Unit will submit copy of authorization under HWM rules issued by the board within 30 days.
13. Unit will take prior permission from CGWA before extracting ground water. 14. Unit will

ensure that rain water does not get mixed with trade effluent/domestic effluent
15. Unit will submit the request regarding collection of sample after stablisation of STP
maximum within 03 months of grant of this Ist CTO.

Shakti Singh Digitally signed by Shakti Singh
Date: 2023.06.21 10:36:17
+05'30'
*Regional Officer, Gurgaon South
Haryana State Pollution Control Board.*



Annexure XI

EMP

ENVIRONMENT MANAGEMENT PLAN

The Environment Management Plan (EMP) is a site specific plan developed to ensure that the project is implemented in an environmental sustainable manner where all contractors and subcontractors, including consultants, understand the potential environmental risks arising from the project and take appropriate actions to properly manage that risk. EMP also ensures that the project implementation is carried out in accordance with the design by taking appropriate mitigation actions to reduce adverse environmental impacts during its life cycle. The plan outlines existing and potential problems that may adversely impact the environment and recommends corrective measures where required. Also, the plan outlines roles and responsibility of the key personnel and contractors who will be in charge of the responsibilities to manage the project site.

The EMP is generally

- Prepared in accordance with rules and requirements of the MoEF and CPCB/ SPCB
- To ensure that the component of facility are operated in accordance with the design
- A process that confirms proper operation through supervision and monitoring
- A system that addresses public complaints during construction and operation of the facilities and
- A plan that ensures remedial measures is implemented immediately.

The key benefits of the EMP are that it offers means of managing its environmental performance thereby allowing it to contribute to improved environmental quality. The other benefits include cost control and improved relations with the stakeholders.

EMP includes four major elements:

- Commitment & Policy: The management will strive to provide and implement the Environmental Management Plan that incorporates all issues related to air, water, land and noise.

- Planning: This includes identification of environmental impacts, legal requirements and setting environmental objectives.
- Implementation: This comprises of resources available to the developers, accountability of contractors, training of operational staff associated with environmental control facilities and documentation of measures to be taken.
- Measurement & Evaluation: This includes monitoring, counteractive actions and record keeping.

It is suggested that as part of the EMP, a monitoring committee would be formed by M/s Ambition builders (P) Ltd. comprising of the site in-charge/coordinator, environmental group representative and project implementation team representative. The committee's role would be to ensure proper operation and management of the EMP including the regulatory compliance. The components of the environmental management plan, potential impacts arising, out of the project and remediation measures are summarized below:

SUMMARY OF POTENTIAL IMPACTS AND REMEDIAL MEASURES

S. No.	Environmental components	Potential Impacts	Potential Source of Impact	Controls Through Design	EMP & Impact Evaluation	Remedial Measures
1	Ground Water Quality	Ground Water Contamination	<p><u>Construction Phase</u></p> <ul style="list-style-type: none"> Waste water generated from temporary labor tents. <p><u>Operation Phase</u></p> <ul style="list-style-type: none"> Discharge from the project 	<ul style="list-style-type: none"> Proponent will provide the STP to treat the discharge of waste water from the project and some waste water would be disposed to municipal sewer line. Proponent will provide the STP to treat the discharge of the project and some waste water would be disposed to municipal sewer line. 	<p>No significant impact as majority of labors would be locally deployed</p> <p>No negative impact on ground water quality envisaged. Not significant.</p>	<p>In an unlikely event of soil and ground water contamination. Remediation measures shall be implemented.</p>

2.	Ground Water Quantity	Ground Water Depletion	<p><u>Construction Phase</u></p> <ul style="list-style-type: none"> Use of treated water from HUDA <p><u>Operation Phase</u></p> <ul style="list-style-type: none"> No ground water use in operation. Water assurance will be obtained from HUDA. 	<ul style="list-style-type: none"> Controlled use of water during construction Rain water harvesting scheme. Black and Grey water treatment and reuse. Storm water collection for water harvesting. Percolation well to be introduced in landscape plan. Awareness campaign to reduce the water consumption 	No significant impact on ground water quantity envisaged.	In an unlikely event of non-availability of water supply, water will be brought using tankers.
3.	Surface Water	Surface water	<p><u>Construction Phase</u></p>	<ul style="list-style-type: none"> Silt traps and other 	No off site impact	

			contamination	<ul style="list-style-type: none"> • Surface runoff from site during construction activity. 	<ul style="list-style-type: none"> • measures such as additional on site diversion ditches will be constructed to control surface run-off during site development 	<p>envisaged as no surface water receiving body is present in the core zone.</p>	
				<p><u>Operation Phase</u></p> <ul style="list-style-type: none"> • Discharge of domestic wastewater to surface water body/land. 	<ul style="list-style-type: none"> • Domestic water will be treated in STP 	<p>No off site impact envisaged</p>	<p>Excess of water will be discharged for irrigation/into the surface water body only after the proper treatment, CPCB standards for discharge of waste water into the surface water body will be followed.</p>
4.	Air Quality	Dust Emissions	<u>Construction Phase</u>		<ul style="list-style-type: none"> • Suitable control measures will 	Not significant	During

			<ul style="list-style-type: none"> All heavy construction activities 	<p>be adopted for subsiding the PM level in the air as per air pollution control plan.</p>	<p>because dust generation will be temporary and will settle fast due to dust suppression techniques (wet scrubbers) used.</p>	<p>construction phase the contractors are advised to facilitate masks for the labors. Water sprinklers will be used for suppression of dust during construction phase.</p>
	Emissions of PM, SO ₂ , NO ₂ and CO	<p>Construction Phase</p> <ul style="list-style-type: none"> Operation of construction equipment and vehicles during site development. Running D.G. sets (back up) 	<ul style="list-style-type: none"> Rapid on-site construction and improved maintenance of equipment 	<p>Not significant.</p>	<p>Regular monitoring of emissions and control measures will be taken to reduce the emission levels.</p>	
		<p>Operation Phase</p>	<ul style="list-style-type: none"> Use of ultra low sulphur 	<p>No significant</p>	<ul style="list-style-type: none"> Use of Personal 	

5	Noise	<ul style="list-style-type: none"> • Power generation by DG Sets during power failure • Emission from vehicular traffic in use <p><u>Construction Phase</u></p> <ul style="list-style-type: none"> • Operation of construction equipment and vehicle movements during site development. • Running DG sets (for power back up) 	<p>diesel if available</p> <ul style="list-style-type: none"> • Use of Low sulfur fuel if available • Providing Footpath and pedestrian ways within the site for the residents • Green belt will be developed with specific species to help to reduce PM_{2.5} and PM₁₀ level • Use of equipment fitted with silencers • Proper maintenance of equipment • Provision of noise shields near the heavy construction operations and acoustic enclosures for DG sets • Construction activity will be limited to day time hours only 	<p>DG sets would be used as power back-up (approx 8 hours)</p> <p>No significant increase in noise level is expected from the project's activities.</p> <p>There are no sensitive receptors located within the vicinity of site.</p>	<p>Protective Equipment (PPE) like earmuffs and earplugs during construction activities.</p>
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	Environment		<p><u>Operation Phase</u></p> <ul style="list-style-type: none"> • Noise from vehicular movement • Noise from DG sets operation 	<ul style="list-style-type: none"> • Green Belt Development • Development of silence zones to check the traffic movement • DG set rooms will be equipped with acoustic enclosures 	<p>No significant impact due to suitable width of Greenbelt.</p>	
6.	Land Environment	Soil contamination	<p><u>Construction Phase</u></p> <ul style="list-style-type: none"> • Disposal of construction debris 	<ul style="list-style-type: none"> • Construction debris will be collected and suitably used on site as per the solid waste management plan for construction phase 	<p>No significant impact. Impact will be local, as waste generated will be reused for filling of low lying areas etc.</p>	
			<p><u>Operation Phase</u></p> <ul style="list-style-type: none"> • Dumping of municipal solid waste on land. 	<ul style="list-style-type: none"> • It is proposed that the solid waste generated will be managed by an authorized agency. • Collection, segregation, 	<p>Since solid waste is handled by the authorized agency, waste dumping is not going to be</p>	

			<ul style="list-style-type: none"> Waste oil generated from D.G. sets 	<ul style="list-style-type: none"> transportation and disposal will be done as per MSW Management Rules, 2000 by the authorized agency Waste oil generated will be sold to authorized recyclers 	<p>allowed. Not significant.</p> <p>Negligible impact.</p>	
7.	Biological Environment (Flora and Fauna)	Displacement of Flora and Fauna on site	<p><u>Construction Phase</u></p> <ul style="list-style-type: none"> Site Development during construction <p><u>Operation Phase</u></p> <ul style="list-style-type: none"> Increase in green covered area 	<ul style="list-style-type: none"> Important species of trees, if any, will be identified and marked and will be merged with landscape plan Suitable green belts will be developed as per landscaping plan in and around the site using local flora 	<p>The site has scanty vegetation</p> <p>Beneficial impact.</p>	
8.	Socio-Economic Environment	Population displacement and loss of income	<p><u>Construction Phase</u></p> <ul style="list-style-type: none"> Construction activities leading to relocation <p><u>Operation Phase</u></p>	<ul style="list-style-type: none"> Project will provide 	<p>No negative impact.</p> <p>Beneficial impact</p>	

9.	Traffic Pattern	Increase of vehicular traffic	<ul style="list-style-type: none"> • Site operation 	<p>employment opportunities to the local people in terms of labor during construction and service personnel (guards, securities, gardeners etc) during operations</p> <ul style="list-style-type: none"> • Providing quality-Integrated infrastructure in Rajasthan 		
	Traffic Pattern	Increase of vehicular traffic	<p><u>Construction Phase</u></p> <ul style="list-style-type: none"> • Heavy Vehicular movement during construction 	<ul style="list-style-type: none"> • Heavy Vehicular movement will be restricted to daytime only and adequate parking facility will be provided 	No negative impact	
			<p><u>Operation Phase</u></p> <ul style="list-style-type: none"> • Traffic due to residents once the Colony is operational 	<ul style="list-style-type: none"> • Vehicular movement will be regulated inside the Colony with adequate roads and parking lots in the colony. 	No major significant impact	

ENVIRONMENT MANAGEMENT PLAN

An environmental management plan (EMP) will be required to mitigate the predicted adverse environmental impacts during construction and operation phase of the project and these are discussed in later subsections.

EMP for Air Environment

Construction Phase

To mitigate the impacts of PM (dust) during the construction phase of the project, the following measures are recommended for implementation:

- A dust control plan
- Procedural changes to construction activities

Dust Control Plan

The most cost-effective dust suppressant is water because water is easily available on construction site. Water can be applied using water trucks, handled sprayers and automatic sprinkler systems. Furthermore, incoming loads could be covered to avoid loss of material in transport, especially if material is transported off-site.

Procedural Changes to Construction Activities

Idle time reduction: Construction equipment is commonly left idle while the operators are on break or waiting for the completion of another task. Emission from idle equipment tends to be high, since catalytic converters cools down, thus reducing the efficiency of hydrocarbon and carbon monoxide oxidation. Existing idle control technologies comprises of power saving mode, which automatically off the engine at preset time and reduces emissions, without intervention from the operators.

Improved Maintenance: Significant emission reductions can be achieved through regular equipment maintenance. Contractors will be asked to provide maintenance records for their fleet as part of the contract bid, and at regular intervals throughout the life of the contract.

Incentive provisions will be established to encourage contractors to comply with regular maintenance requirements.

Reduction of On-Site Construction Time: Rapid on-site construction would reduce the duration of traffic interference and therefore, will reduce emissions from traffic delay.

Operation Phase

To mitigate the impacts of pollutants from DG sets and vehicular traffic during the operational phase of the Colony, following measures are recommended for implementation:

- DG set emission control measures
- Vehicular emission controls and alternatives
- Greenbelt development

Diesel Generator Set Emission Control Measures

Adequate stack height will be maintained to disperse the criteria air pollutants generated from the operation of DG sets to dilute the pollutants concentration within the immediate vicinity. Hence no additional emission control measures have been suggested.

Vehicle Emission Controls and Alternatives

Footpaths and Pedestrian ways: Adequate footpaths and pedestrian ways would be provided at the site to encourage non-polluting methods of transportation.

Greenbelt Development

Approx 30.1% of the total area will be green area including the Soft green and hard green areas. Soft green area is covered by green belt trees like Silver Oak, Ashoka, Palm tree, Gulmohar etc. and organized green spaces like shrubs and grasses. Ornamental flowers been proposed to be planted inside the premises. Parks will also be developed by the management. Hard green area will be developed on the paved surfaces or on pebbled surfaces. Landscape area details are shown in the table as follows:

EMP FOR NOISE ENVIRONMENT

Construction Phase

To mitigate the impacts of noise from construction equipment during the construction phase on the site, the following measures are recommended for implementation.

Time of Operation: Noisy construction equipment would not be allowed to use.

Job Rotation and Hearing Protection: Workers employed in high noise areas will be rotated. Hearing protection such as earplugs/muffs will be provided to those working very close to the noise generating machinery.

Operation Phase

To mitigate the impacts of noise from diesel generator sets during operational phase, the following measures are recommended:

- Adoption of Noise emission control technologies
- Greenbelt development

Noise Emission Control Technologies

DG sets will be housed in a suitable acoustic enclosure so that noise level at a distance of 1 m does not exceed 75 dB(A) at 75% load, as per CPCB standards or is meeting the local standard (whichever is higher). It would be ensured that the manufacturer provides acoustic enclosure as an integral part along with the diesel generators sets. Further, enclosure of the services area with 4 m high wall will reduce noise levels and ensure that noise is at a permissible limit for resident of the site and surrounding receptors.

Greenbelt Development

The following species can be used, as in a greenbelt, to serve as noise breakers:

LIST OF PLANTS

Sl. No.	Botanical names of Plants	Family	Local Name
1.	<i>Acacia catechu Willd.</i>	Mimosaceae	Khair
2.	<i>Achyranthes aspera L.</i>	Amaranthaceae	Chirchitta
3.	<i>Aegle marmelos Correa.</i>	Rutaceae	Bel
4.	<i>Albizzia lebbeck Benth.</i>	Fabaceae	Siris
5.	<i>Anogeissus pendula Edgew.</i>	Combretaceae	Dhaunkra
6.	<i>Argemone mexicana L.</i>	Papavaraceae	Satyanashi
7.	<i>Asparagus racemosus Willd.</i>	Liliaceae	Satawari
8.	<i>Barleria cristata L.</i>	Acanthaceae	Bajardanti
9.	<i>Bauhinia variegata L.</i>	Caesalpiniaceae	Kachnar
10.	<i>Boerhaavia diffusa L.</i>	Nyctaginaceae	Sathi
11.	<i>Butea monosperma (Lamk.) Taub.</i>	Papilionaceae	Palas, dhak
12.	<i>Calotropis procera (Ait.) R.Br.</i>	Asclepiadaceae	Aak
13.	<i>Cassia fistula L.</i>	Caesalpiniaceae	Amaltas
14.	<i>Centella asiatica L.</i>	Umbelliferae	Brahmibuti
15.	<i>Emblica officinalis Gaertn.</i>	Euphorbiaceae	Amla
16.	<i>Eucalyptus camaldulensis Dehnh.</i>	Myrtaceae	Safeda
17.	<i>Euphorbia caducifolia Haines</i>	Euphorbiaceae	Dandathor
18.	<i>Ficus carica L.</i>	Moraceae	Anjir
19.	<i>Indigofera cordifolia Heyne. ex. Roth</i>	Papilionaceae	Jhajhru
20.	<i>Prosopis cineraria (L.) Druce</i>	Mimosaceae	Khejari
21.	<i>Rhus mysorensis Heyne ex Wight & Arn.</i>	Anacardiaceae	Dansara

EMP FOR WATER ENVIRONMENT

Construction Phase

To prevent degradation and to maintain the quality of the water source, adequate control measures have been proposed. To check the surface run-off as well as uncontrolled flow of water into any water body check dams with silt basins are proposed. The following management measures are suggested to protect the water source being polluted during the construction phase:

- Avoid excavation during monsoon season
- Care would be taken to avoid soil erosion
- Common toilets will be constructed on site during construction phase and the waste water would be channelized to the septic tanks in order to prevent waste water to enter into the water bodies
- Any area with loose debris within the site shall be planted
- To prevent surface and ground water contamination by oil and grease, leak-proof containers would be used for storage and transportation of oil and grease. The floors of oil and grease handling area would be kept effectively impervious. Any wash off from the oil and grease handling area or workshop shall be drained through imperious drains
- Collection and settling of storm water, prohibition of equipment wash downs and prevention of soil loss and toxic release from the construction site are necessary measure to be taken to minimize water pollution
- All stacking and loading area will be provided with proper garland drains, equipped with baffles, to prevent run off from the site, to enter into any water body

Operation Phase

In the operation phase of the project, water conservation and development measures will be taken, including all possible potential for rain water harvesting. Following measures will be adopted:

- Water source development

- Minimizing water consumption
- Promoting reuse of water after treatment and development of closed loop systems for different water streams

Water Source Development

Water source development shall be practiced by installation of scientifically designed Rain Water Harvesting system. Rainwater harvesting promotes self-sufficiency and fosters an appreciation for water as a resource.

Minimizing Water Consumption

Consumption of fresh water will be minimized by combination of water saving devices and other domestic water conservation measures. Further, to ensure ongoing water conservation, an awareness program will be introduced for the residents. The following section discusses the specific measures, which shall be implemented:

Domestic and Commercial Usage

- Use of water efficient plumbing fixtures (ultra flow toilets and urinals, low flow sinks, water efficient dishwashers and washing machines). Water efficient plumbing fixtures uses less water with no marked reduction in quality and service
- Leak detection and repair techniques
- Re-circulation of swimming pool overspill after treatment
- Sweep with a broom and pan where possible, rather than hose down for external areas
- Meter water usage: Implies measurement and verification methods. Monitoring of water uses is a precursor for management

Horticulture

- Plants with similar water requirements shall be grouped on common zones to match precipitation heads and emitters.
- Use of low-angle sprinklers for lawn areas.

- Select controllers with adjustable watering schedules and moisture sensors to account for seasonal variations and calibrate them during commissioning.
- Place 3 to 5 inches of mulch on planting beds to minimize evaporation.

Promoting Reuse of Water after Treatment and Development of Closed Loop Systems

To promote reuse of waste water and development of closed loop system for waste water segregation. Two wastewater schemes are suggested, namely:

- 1) Storm Water Harvest
- 2) Waste water recycling.

Storm water harvest as discussed in earlier, will be utilized for artificial recharge of ground water sources; and waste water will be reused on site after treatment.

Treated waste water will be used for landscaping, flushing and DG water cooling. Following section discuss the scheme of waste water treatment.

Waste Water Treatment Scheme

Proponent will treat the waste water of the Project in well designed sewage treatment plant.

Storm Water Management

Most of the storm water produced on site will be harvested for ground water recharge. Thus proper management of this resource is a must to ensure that it is free from contamination.

Contamination of Storm Water is possible from the following sources:

- Diesel and oil spills in the diesel power generator and fuel storage area
- Waste spills in the solid / hazardous waste storage area
- Oil spills and leaks in vehicle parking lots
- Silts from soil erosion in gardens
- Spillage of sludge from sludge drying area of sewage treatment plant

A detailed storm water management plan will be developed which will consider the possible impacts from above sources. The plan will incorporate best management practices which will include following:

- Regular inspection and cleaning of storm drains
- Clarifiers or oil / separators will be installed in all the parking areas. Oil / grease separators installed around parking areas and garages will be sized according to peak flow guidelines. Both clarifiers and oil / water separators will be periodically pumped in order to keep discharges within limits
- Covered waste storage areas
- Avoid application of pesticides and herbicides before wet season
- Secondary containment and dykes in fuel / oil storage facilities
- Conducting routine inspection to ensure cleanliness
- Provision of slit traps in storm water drains
- Good housekeeping in the above areas

EMP FOR LAND ENVIRONMENT

Construction Phase

The waste generated from construction activity includes construction debris, biomass from land clearing activities, waste from the temporary make shift tents for the labors and hazardous waste. Following section discuss the management of each type of waste. Besides waste generation, management of the topsoil is an important area for which management measures are required.

Construction Debris

Construction debris is bulky and heavy and re-utilization and recycling is an important strategy for management of such waste. As concrete and masonry constitute the majority of waste generated, recycling of this waste by conversion to aggregate can offer benefits of reduced landfill space and reduced extraction of raw material for new construction activity. This is particularly applicable to the project site as the construction is to be completed in a phased manner.

Mixed debris with high gypsum, plaster, shall not be used as fill, as they are highly susceptible to contamination, and will be send to designated solid waste landfill site.

Metal scrap from structural steel, piping, concrete reinforcement and sheet metal work shall be removed from the site by construction contractors. A significant portion of wood scrap will be reused on site. Recyclable wastes such as plastics, glass fiber insulation, roofing etc shall be sold to recyclers.

Hazardous waste

Construction sites are sources of many toxic substances such as paints, solvents wood preservatives, pesticides, adhesives and sealants. Hazardous waste generated during construction phase shall be stored in sealed containers and disposed off as per the Hazardous Wastes Management and Handling Act, Amendment Rules (MoEF, 2003).

Some management practices to be developed are:

- Herbicides and pesticide will not be over applied (small-scale applications) and not applied prior to rain
- Paintbrushes and equipment for water and oil based paints shall be cleaned within a contained area and will not be allowed to contaminate site soils, water courses or drainage systems
- Provision of adequate hazardous waste storage facilities. Hazardous waste collection containers will be located as per safety norms and designated hazardous waste storage areas will be away from storm drains or watercourses
- Segregation of potentially hazardous waste from non-hazardous construction site debris
- Well labeled all hazardous waste containers with the waste being stored and the date of generation
- Instruct employees and subcontractors in identification of hazardous and solid waste

Even with careful management, some of these substances are released into air, soil and water and many are hazardous to workers. With these reasons, the best choice is to avoid their use as much as possible by using low-toxicity substitutes and low VOC (volatile organic compound) materials.

Waste from Temporary Makes Shift Tents for Labors

Annexure XII
ARAVALI NOC

Annexure-V

From: Dy Conservator of Forests,
Gurgaon, Haryana

To: M/s Countrywide Promoters Pvt. Ltd.
M-11, Middle Circle, Connaught circus
New Delhi-110001.

No.: 1195-6


Date: 7/7/13

Sub.: Clarification regarding Applicability of forest laws on Non Forest land Applied by M/s Countrywide Promoters Pvt. Ltd. land located at Village-Palra & Badshahpur District-Gurgaon

Applicant M/s Countrywide Promoters Pvt. Ltd. M-11, Middle Circle, Connaught circus New Delhi-110001 vide letter no. Nil dated 07.03.2012 made a request in connection with land measuring 99.81 Acres having Rect. No. 3 Killa No. 21 Rect. No. 4 Killa No. 25 Rect. No. 6 Killa No. 18, 19, 20, 21, 22, 23/1, 23/2/2, 24/1, 24/2, 25/2/1, Rect. No. 7 Killa No. 25, 18 Rect. No. 8 Killa No. 5, 6/2, 7, 15, 16/1, 16/2, 17/1 Rect. No. 9 Killa No. 1, 2/1, 2/2/1, 3, 4, 5, 6, 7, 8, 9/1, 10/1, 10/2, 11/1, 13/2, 14/1, 14/2, 15, 16, 17, 25 Rect. No. 10 Killa No. 10, 11/2, 11/3, 16/2, 20, 21, 22/1, 25, Rect. No. 11 Killa No. 13/2, 14/2, 14/3, 15, 17/1, 18/1, 18/2, 19/1, 19/2, 20/1/1, 20/1/2, 20/2, 21, 23/2/1, 23/2/2, 24/1 Rect. No. 12 Killa No. 1/1, 2, 9, 11, 12/1, 12/2/1, 16, 17, 18, 19/1, 19/2, 20, 21/1, 21/2, 22/1, 22/2, 23, 24/2/2, Rect. No. 16 Killa No. 1, 2, 3, 4/1, 4/3, 5/2, 8, 9, Rect. No. 17 Killa No. 1, 9/2/1, 9/2/2, 10/1, 11/1, 11/2, 12/1/1, 12/1/2, 12/2, 18/1, 18/2, 19, 20, 21, 22/1, 22/2, 23/1/1, 23/1/2, 23/2, 24/1, 24/2/1, 24/2/2, Rect. No. 18 Killa No. 1, 6/2/1, 7/2, 8, 9, 10, 11, 12/1, 13/1/2, 13/2, 14/1/1, 14/2/2, 15/1/2, 15/2/2, 16/1, 16/2, 17/2, 18, 19/1, 23/1, 23/3, 24/1/1, 24/2, 25/1/1, 25/2/2, 27/2, Rect. No. 19 Killa No. 25 Rect. No. 24 Killa No. 5, 6 min, Rect. No. 25 Killa No. 1/1, 1/2, 2/1, 2/2, 3, 4/1, 5/1, 6/2, 8, 9/1, 13/1 min, Rect. No. 26 Killa No. 1/1, 1/2, 2/1/1, 2/1/2/2, 2/2, 3, 4, 5/1, 6, 7, 8/1, 8/2, 9, 10 Rect. No. 27 Killa No. 10/2 min, 9/2/2 min, 10/1/2 min, land located at village Palra and land measuring 2.39 Acres having Rect. No. 118 Killa No. 2/2, 3, 8 land located at village Badshahpur (Total land Measuring 102.2 Acres) District Gurgaon, Applicant made a proposal to use this land for Residential Township Project. In continuation of report submitted by RFO, Sohna vide Letter No. 8-5 dated 03.05.2012 it is made clear that:

- As per records available above said land is not part of notified Reserved Forest, Protected Forest under Indian Forest Act, 1927 or any area closed under section 4 & 5 of Punjab Land Preservation Act, 1900
- It is clarified that by the Notification No. S.O 8/P A 2/1900/S 4/2013 dated 4th January, 2013, entire Revenue Estate of Gurgaon is notified u/s 4 of PLPA 1900 and S.O 8/PA,2/1900/S 3/2012 dated 19th December, 2012 u/s 3 of PLPA 1900. The area is however not recorded as forest in the Government record but felling of any tree is strictly prohibited without the permission of Divisional Forest Officer, Gurgaon.
- If approach is required from Protected Forest by the user agency, the clearance/regularization under Forest Conservation Act 1980 will be required. Without prior clearance from Forest Department, the use of Forest land for approach road is strictly prohibited. M/s Countrywide Promoters Pvt. Ltd. whose land is located at village Palra & Badshahpur District Gurgaon must obtain clearance as applicable under Forest Conservation Act 1980
- As per the records available with the Forest Department, Gurgaon, the area does not fall in areas where plantations were raised by the Forest Department under Aravalli project
- All other statutory clearances mandated under the Environment Protection Act, 1986, as per the notification of Ministry of Environment and Forests, Government of India, dated 07-05-1992 or any other Act/order shall be obtained as applicable by the project proponents from the concerned authorities.
- The project proponent will not violate any Judicial Order/ direction issued by the Hon'ble Supreme Court/High Courts.
- It is clarified that the Hon'ble Supreme Court has issued various judgments dated 07.05.2002, 29.10.2002, 18.12.2002, 18.03.2004, 14.5.2008 etc. pertaining to Aravalli region in Haryana, which should be complied with
- It shall be the responsibility of user agency/applicant to get necessary clearances/permissions under various Acts and Rules applicable if any, from the respective authorities/Department

Date:
Place: Gurgaon.



Dy. Conservator of Forest,
Gurgaon.

Encl No

Dated

A copy is forwarded to -

- Conservator of Forests, South Circle, Gurgaon for kind information
- D.G. T.C.P, Aayana Bhawan, Sec-18, Madhya Marg, Chandigarh for kind information,
- Dy Commissioner, Gurgaon for kind information
- Guard File


Dy. Conservator of Forest,
Gurgaon.

