

SIX-MONTHLY MONITORING REPORT
(June 2015)

Name of the Project: Expansion of Group Housing Project at W Block, Greater Kailash – II, New Delhi

Clearance Letter No.: SEIAA's Clearance Letter No. DPCC/SEAC/169/SEIAA/53/2013, dated 04.02.2014

Period of Compliance Report: October, 2014 – March, 2015

PART A – SPECIFIC CONDITIONS

I. Construction Phase:

S. No.	Item	Status of Compliance
i	Construction should be started after obtaining prior Consent to Establish from Delhi Pollution Control Committee (DPCC) under Air and Water Acts and a copy of shall be submitted to the SEAC-Delhi, failing which project shall be discontinued.	"Consent to Establish" from Delhi Pollution Control Committee has been received on 18.11.2008, for our earlier scheme. Subsequently vide Hon'ble High Court judgment dated 23 rd January, 2012, neither Consent to Establish or Consent to Operate is required for residential projects under Air and Water Acts.
ii	Provision shall be made for the housing of labours within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical care along with first aid room, crèche etc. The housing may be in form of temporary structures to be removed after completion of the project.	All sanitary and hygienic measures, like on-site water supply & mobile toilet facilities are being provided and will be maintained throughout the construction phase at site. First-aid facilities are provided at site. Health check-ups of labourers are being routinely conducted and will be continued throughout the construction phase. Labourers are provided with personal protective gears for safety.
iii	Health and safety norms of CPWD should be followed during construction	The required health and safety norms are being followed.
iv	Top soil excavated during construction activities should be stored within the site for use in horticulture/landscape development.	Very less top soil was generated as the soil at the project site is rocky. Excavated top soil was preserved and used in horticulture / landscape development in our project at nearby location.
v	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed off only in approved sites with the approval of competent authority taking the necessary precautions for general safety and health aspects of people.	The muck is being disposed as per norms. Adequate precautions are being taken so that no disturbance is caused to the community.
vi	Proper measures should be adopted to control dust emissions during construction phase by providing adequate numbers of water sprinklers.	Water sprinklers are provided at the dust generating construction activities to control dust emission.
vii	Soil and water samples of the site should be tested by the Project Proponent from any laboratory recognized by MoEF/DPCC to ascertain that there is no threat to ground water quality by leaching of contaminants, on quarterly basis for inclusion in the six monthly monitoring reports.	The construction activity at site poses no threat to soil & ground water quality as there will be no leaching of heavy metals & other toxic contaminants. The environmental monitoring has been carried out and the results are given in the monitoring report enclosed.

S. No.	Item	Status of Compliance
viii	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water. Bulk of the demolition waste should be recycled and minimum possible demolition waste should be dumped at designated dumping site.	There is no bituminous waste as this is a new construction. All precautions are being taken to prevent contamination of water sources. The construction process does not involve storage of hazardous material to be consumed in building construction works.
ix	Bio-medical waste, if any, shall be disposed of as per the Bio-medical Waste (Management & Handling) Rules, 1998 and authorization shall be obtained from DPCC as per applicability.	This is a residential project and the Bio-medical Waste (Management & Handling) Rules, 1998 is not applicable.
x	Any hazardous waste generated during construction and operation phase should be disposed of as per applicable rules and norms with necessary authorization from Delhi Pollution Control Committee	There are no hazardous wastes except for used oil from DG sets used during the construction stage. The used oil is being disposed as per norms.
xi	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards	DG sets to be used during construction are of "Enclosed type" conforming to the rules made under the Environment (Protection) Act, 1986 for air and noise emission standards. Low sulphur diesel is being used for DG sets.
xii	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	Diesel for DG sets is being purchased on day-to-day basis in construction phase. Prior permission as applicable will be obtained for storage in underground tanks if diesel is purchased in bulk.
xiii	Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	The vehicles having valid pollution under check certificate are only being operated for transportation of construction material during non-peak hours and conform to applicable air and noise standards.
xiv	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	Mitigation measures like dust suppression through water sprinkling, covering of trucks carrying construction materials, acoustic enclosures and adequate stack height for DG sets etc. are being carried out. Regular ambient air and noise levels are being carried out during the construction phase to monitor the air and noise levels. The monitoring results of ambient air and noise quality are given in the Monitoring Report.
xv	Thick green belt of the adequate width and density, along with adequate plantation to create a buffer zone as per plan submitted, shall be raised along the periphery of the plot so as to provide protection against particulates and noise.	The green belt will be developed as per landscape plan approved by SEAC-Delhi.
xvi	Natural drainage should be preserved as far as possible.	The natural drainage is preserved and the construction activities are not causing any disturbance to the natural drainage.

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xvii	Rain water harvesting, as per plan submitted, for roof top, run-off and surface run-off should be implemented. Before recharging the surface run-off, pretreatment must be done to remove suspended matter, oil and grease. The depth of the bore for rainwater recharging should be kept in consultation with DJB. No wastewater (such as sewage, trade effluent, backwash of treatment unit, floor washing wastewater etc.) should be discharged into the rainwater harvesting structure in order to avoid groundwater contamination. The collected rainwater, if any, should be properly treated before use.	Rainwater harvesting system will be installed as per the recommendation of SEIAA and the approval of CGWA. No wastewater will be discharged into the rainwater harvesting system.
xviii	The groundwater withdrawal during construction and operation phases should be done only with prior permission of DJB. Until then, no ground water shall be extracted from the site and is used in construction activities. The collected rainwater, if any, should be properly treated.	No groundwater is being used in the project.
xix	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification, dated September 14, 1999 and as amended till date.	Fly ash blocks are being used in the construction.
xx	Ready mix concrete must be used in building construction to minimise the use of water and also by use of pre-mixed concrete, curing agents and other best practices preferred.	Ready mix concrete is being used for construction.
xxi	Fixtures for toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control mechanism	Required fixtures will be installed.
xxii	Energy Conservation Building Code to be strictly adopted in all aspects of building design and construction. Requirements of GRIHA rating, if proposed should be followed.	Requirements of Energy Conservation Building Code will be adopted.
xxiii	Approval of Chief Fire Officer and Delhi Urban Arts Commission for Building Plans, approval of Airport Authority of India for Building Height and approval of other authorities viz. land owning agency, DJB, MCD, NDMC, DISCOM etc. should be obtained.	All required approvals are obtained / being obtained as applied
xxiv	NOC for cutting of trees, if any, should be obtained from Department of Forests and Wildlife	The land was a vacant land. No trees were felled.
xxv	Approval of competent authority shall be obtained for structural safety of the building due to earthquake. Adequacy should be ensured for firefighting equipments etc. as per National Building Code including protection measures from lightening.	Complied.
xxvi	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to neighbours.	Regular maintenance is being carried out.

PART B – GENERAL CONDITIONS

S. No.	Item	Status of Compliance
i	The environmental safeguards and monitoring schedule as contained in the EMP should be implemented in letter and spirit & there will be no departure from the final project proposal.	The environmental safeguards contained in the documents will be implemented in letter and spirit.
ii	Smoke generated due to vehicle movement in parking area should be exhausted and provision for fresh air infusion should be provided as per CPCB	The necessary provisions will be made during the operation phase.

S. No.	Item	Status of Compliance
	norms.	
iii	3-star GRIHA rating should be followed.	Though the building is not Griha rated but we have included all water conservation, energy conservation etc.
iv	Green belt of at least 3 m width to be developed all around the boundary wall with 2 or 3 rows of trees.	The landscape will be developed as per the landscape plan approved by the SEAC.
v	Biogas plant should be installed.	An organic waste converter will be installed to treat the organic wastes generated and convert into manure.
vi.	ECBC rule should be followed	The requirements of ECBC will be complied
vii	The project proponent should submit the details of the source of water procurement with bill receipt during construction phase	The water consumed during the construction phase is taken from water tankers.
viii	Corporate Social Responsibility should be carried out as per action plan and budgetary provisions submitted to a minimum of 0.4% of total project cost as one time expenditure and 0.08% as recurring expenditure.	Corporate Social Responsibility will be carried out as approved by the SEAC.
ix	The demolition waste should be sent to C&D waste site of MCD for recycling.	There was no demolition waste as it was a vacant land. The construction wastes are being as per approved norms.
x	DG sets should be provided for essential load only and the essential load should not be more than 30% of the total load.	DG sets will be provided as approved by the SEAC Delhi/
xi.	In all projects, where feasible, a centralized paper recycling unit should be set up	This is a residential project and installing a paper recycling unit is not feasible. We will give the papers to recycling units.
xii	Bio-gas from the bio gas plant should be utilized properly	The manure from the Organic Waste will be used for manure.
xiii	RWH pits should be constructed after completion of the construction work	RWH pits will be constructed after completion of construction work.
xiv	Public awareness training programme regarding fire safety, disaster management and conservation of electricity & water should be conducted at least once in six months.	Will be complied
xv	All the treated water should be utilized and should not be discharged into sewer or drain.	About 13.9 kld of excess treated sewage will be given to the nearby park. The same has been approved by SEAC-Delhi.
xvi	Officials from Ministry of Environment and Forests, Regional Office, Chandigarh and Delhi Pollution Control Committee, who would be monitoring the implementation of environmental safeguards, should be given full cooperation to inspect the facilities and documents/data on site by the project proponents during their site inspection. A complete set of all the documents submitted to SEAC should be forwarded to Ministry of Environment and Forests, Regional Office, Chandigarh & also to DPCC.	Noted.
xvii	In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by the SEAC and Consent to Establish/Operate from DPCC as well	Noted.
Xviii	In compliance to Hon'ble High Court's Order dated 7 th August, 2008, use, sale and storage of all kinds of plastic bags shall be forbidden	Noted.
Xix	E-waste generated in the complex should be managed as per E-waste (Management and	At present there is no e-waste generated at site.

S. No.	Item	Status of Compliance
	Handling) Rules, 2011 and disposed through approved e-waste recyclers	
Xx	State Environment Impact Assessment Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to make take action including revoking of Environmental Clearance under the provisions of the Environmental (Protection) Act, 1986 to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted.
Xxi	All other statutory clearances such as approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained from respective competent authorities	Noted
xxii	These stipulations would be enforced among others under the provisions of Water (Prevention and Control) Pollution Act, 1974, the Air (Prevention and Control) Pollution Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act,1991 and EIA Notification, 2006 as amended to date.	Noted
xxiii	The Project Proponent should prominently advertise in at least two newspapers widely circulated in the region indicating that the project has been accorded Environmental Clearance and the copy of clearance is available with the DPCC and may also be seen on the website of DPCC at http://www.dpcc.delhigovt.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter	The public notice was advertised in Indian Express dated 14.02.2014 and in Jansatta dated 14.02.2014. The copies of public notices have been submitted to your office.
xxiii	The Project Proponent should submit copy of Environmental Clearance to the Heads of local bodies, Panchayats and Municipal bodies in addition to relevant offices of Government who in turn has to display the same for 30 days from the date of receipt.	Noted
xxiv	The Project Proponent shall apply for amendment in EC, if there is change in building plan(s) & layout plan(s) by DUAC or any other authority after the grant of EC.	Noted
xxv	The Project Proponent shall apply for amendment in EC, if there is any change in building plan (s) by DUAC or any other authority after the grant of EC.	Noted
Xxvi	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the Project Proponent on its website	Noted