Ref No. KSMB/EIA/2024/205
Date: 17/12/2024

To,

Regional Office,
Ministry of Environment and Forest & Climate Change,
Kendriya Bhawan, 11th Floor, Sector-H,
Aliganj, Lucknow-226024,
Telefax: 0522-2324043

Subject: ***Post Environmental Clearance Compliance of Project "Garden Bay" at Village Ghaila and Alinagar, Lucknow, U.P. (Post-Monsoon Season Compliance, 2024)***

Ref: ***Your letter no.215/Parya/SEIAA/3640/2023, dated 01 June 2023.***

Dear Sir,

This is to inform you that our project has been accorded Environmental Clearance from SEIAA, UP, vide letter no. 215/Parya/SEIAA/3640/2023, dated 01 June 2023.

We are herewith submitting point wise compliance as per conditions mentioned in the Environmental Clearance **(Post-Monsoon Season, 2024)** with latest Environmental Monitoring reports, in prescribed format along with the necessary Annexure for your kind consideration.

We assure that the compliance of the conditions given by SEIAA is being strictly followed with the progress of the project.

Thanking you,
Yours Sincerely,
For, **Shalimar KSMB Projects**

Authorized Signatory
Encl: As above

Copy to:

1. ***CEO (Circle-05), UPPCB, TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow (U.P.)***
2. ***Member Secretary, SEIAA, Directorate of Environment, Vineet Khand 1, Gomti Nagar, Lucknow, UP.***

Shalimar KSMB Projects
Titanium Shalimar Corporate Park, Vibhuti Khand,
Gomti Nagar, Lucknow-226 010
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Compliance Report
For
"Residential Township “Garden Bay” at Village Ghaila and Alinagar, Lucknow, U.P."

Post Monsoon Season
Compliance Report 2024

Environment Clearance letter no. 215/Parya/SEIAA/3640/2023 Dated 01 June, 2023

Submitted By

M/s Shalimar KSMB Projects, Ground Floor,
Shalimar Square, BN Road, Lalbagh,
Lucknow, U.P.

Compliance for Residential Township "Garden Bay" at Village Ghaila and Alinagar, Lucknow, U.P.

Compliance Report (Post Monsoon Season, 2024)

Project Details:

1. Name of Project: **Garden Bay**
2. Location: **Village Ghaila and Alinagar, Lucknow, U.P.**
3. Total Plot Area: **3, 13,948 m^2**
4. Built up Area: **1,77,558 m^2**
5. Environmental Clearance no. **215/Parya/SEIAA/3640/2023 Dated 01 June, 2023**
6. Period of Compliance Report- **Post Monsoon Season Compliance Report 2024**

Construction Status:

Detailed construction progress report with site photographs and competition certificate of Commercial , Garden Bay Height, Orchid and Deffodill are attached as **ANNEXURE-I**

Construction has been started after obtaining EC vide letter no**. 215/Parya/SEIAA/3640/2023 Dated 01 June, 2023**.Based on the recommendations of SEAC meeting, the SEIAA decided to grant theEnvironment Clearance to the project subject to the effective implementation of the following generaland specific conditions:

	Conditions	**Compliance Status**
(a) General Conditions		
1.	**It shall be ensured that all standards related to ambient environmental quality and the emission /effluent standards as prescribed by the MOEF are strictly complied with.**	All standards related to ambient environmental quality and the emission /effluent standards as prescribed by the MoEF& CC are being complied all along the progress of the project from construction to Operation phase. Copy of monitoring report is attached as **ANNEXURE-II**.
2.	**It shall be ensured that obtain the No Objection Certificate from the UP Pollution Control Board before start of construction.**	NOC has been granted from the UP Pollution Control Board, **vide letter no. 113642 / UPPCB / Lucknow (UPPCBRO) / CTE/ LUCKNOW / 2020 Dated 18/06/2022.** Copy of CTE is attached as **ANNEXURE-III**.
3.	**It shall be ensured that no construction work or preparation of land by the Project management except for securing the land is started on the project or the activity without the prior EC.**	Work at site has been initiated only after Receiving Environmental Clearance from U.P. SEIAA, EC vide letter no. **215/Parya/SEAC/3640/2023 dated 01 June 2023.** Copy of EC- Expansion & Amendment is attached as **ANNEXURE-IV**.
4.	**The proposed land use shall be in accordance to the prescribed land use. A land use certificate issued by the competent authority shall be obtained in this regards.**	The land use of the project has already been changed to Residential and commercial through the gazette notification. Master Plan has been attached as **Annexure V**
5.	**All trees felling in the project area shall be as permitted by the forest department under the prescribed rules. Suitable clearance in this regards shall be obtained from the competent authority.**	Efforts were made to conserve the existing trees and environmental conservation. No site clearing activities are further required.
6.	**Impact of drainage pattern on environment should be provided**	Impact of drainage pattern on environment has been studied and submitted to the SEAC in the Detailed EIA Report. Compliance has been done

7.	**Surface hydrology and water regime of the project area within 10 km should be provided.**	Study regarding surface hydrology of the project and nearby areas, has already been submitted with the EIA Report. There is no change in surface hydrology. Compliance has been ensured.
8.	**A suitable plan for providing shelter, light and fuel, water and waste disposal for construction labor during the construction phase shall be provided along with the number of proposed workers.**	Since parts of project are under construction There are approx. 50 staffs and 250 nos. of laborers at site. Most of the labors are hired from local areas and do not require accommodation. However, hutments are provided for the labors coming from outside the city. Facilities for drinking water, toilets, bathing area and waste & sewage disposal are present at the project site.
9.	**Measures shall be undertaken to recycle and reuse treated effluent for horticulture and plantation. A suitable for waste water recycling shall be submitted**	Treated water recycling plan has been submitted with the previous compliance report**.** STP outlet as per norms is recycled.
10.	**Obtain proper permission from the competent authority regarding enhanced traffic during and due to construction & operation of project**	PUC certified vehicles are authorized to ply on roads which are being employed in the construction phase. No vehicles will be allowed to be parked on public roads. Provided in house parking of adequate capacity.
11.	**Obtain necessary clearance from the competent authority on the abstraction and the use of ground water during the Construction & operation phases.**	NOC from Ground Water Board has been obtainedand attached as **ANNEXURE-VI**.
12.	**Hazardous/ Inflammable/ Explosive materials likely to be stored during the construction and operation phases shall be as per standards procedure as prescribed under law, necessary clearance in this regards shall be obtained.**	Presently no Hazardous / Inflammable / Explosive materials are being used at site except DG set fuel. It is also being temporarily stored in aseparate isolated area.
13.	**Solid waste shall be suitably segregated and disposed. A separate and isolated municipal waste collection center should be provided. Necessary plans should be submitted in this regards.**	48 hours Solid waste collection center has been provided in the complex. Necessary agreement with private firm has been done for handling and disposal of MSW. A copy of payment receipt from Municipal Corporation has been attached as **ANNEXURE-VII**.
14.	**Suitable Rain Water harvesting system as per design of Ground water Department shall be installed. Complete proposal in this regards should be submitted.**	RWH have been constructed in accordance with directions of Ground water board. Details h a v e been submitted with the previous compliance report**.** 2 pits have already been constructed and 2 Pits are to be constructed in Phase II.

15.	**The emission and effluents etc. from machines, instruments and transport during construction and operation phases should be according to the prescribed standards. Necessary plans in this regards shall be submitted.**	Domestic sewage is being treated in 850KLD STP plant (Phytorid Technology) and 210 KLD (MBBR Technology) treated water is recycled after tertiary treatment by making the system discharge free, i.e. Zero Discharge is proposed, as far aspossible. At present there are total 12 nos. of DG sets are present at site with capacities 320 KVA*1, 400 KVA *2, 125 KVA *2, 63 KVA *2, 100 KVA *2, 200 KVA *1 & 1000 KVA *2. For construction purposes, 1 no's DG set having capacity 125KVA is used. For disposal of exhaust from DG sets, Chimney /Stack height has been provided as per CPCB Standards.
16.	**Water sprinklers and other dust control measures should be undertaken to take care of dust generated during the construction and operation phases.Necessary plans in this regards shall be submitted.**	All the suitable measures are being followed to control the dust dispersion like site barricading of adequate height, sprinkling, covering of construction materials etc. Photographs have been attached as **Annexure VIII**. During operation phase fugitive dust emission will be managed through peripheral plantation and fixing the speed limit of vehicles inside the premises.
17.	**Suitable noise abatement measures shall be adopted during the construction and operation phases in order to ensure that thenoise emission do not violate the prescribed Ambient Noise Standards. Necessary plans in this regards shall be submitted.**	Noise resulting from operation of construction machinery may constitute an additional environmental stress. Following practices have been adopted to mitigate noise pollution, as: • Curtain walls of about 8ft height are provided to confine the noise within the project area. • Equipment having tolerable noise level are used to ensure compliance. • Workers employed in high noise areas are being rotated. • Earplugs/muffs, or other hearing protective wear are being provided to those working close to the noise generatingmachinery. • Proper maintenance ofconstruction equipment is being done at regular interval.
18.	**Separate stockpiles shall be maintained for excavated top soil and the top soil should be utilized for the preparation of the green belt.**	Top soil has been separately stockpiled and is being used up in Landscaping and Green belt Development as when required.
19.	**Sewage effluents shall be kept separate from rain water collection and storage system and separately disposed. Other effluent should not be allowed to mix with Domestic effluent.**	No other effluents are generated from the project other than domestic effluent. Separate pipe network is laid to handle stormwater.
20.	**Hazardous/Solid waste generated during construction and operation phases should be disposed-off as prescribed under law. Necessary clearance in this regard shall be obtained.**	Except DG set waste oil, no hazardous waste is generated. Waste oil is being presently stored temporarily at a separate isolated place and is being handed over to authorized recyclers. The treatment/disposal of waste oil will be as per Hazardous Waste Management Rules, 2016.

21.	**Alternate technology for Solid waste disposal (Like Vermin-culture etc.) should be used in consultation with expert organizations.**	The project is construction of Residential Complex. The solid waste collection and segregation site is provided whereas processing/disposal will be managed by authorized vendor. MSW generated shall be disposed-off as per SWM Rules, 2016.
22.	**No wetland should be infringed during construction and operation phase. Any wetland coming in the project area should be rejuvenated and conserved.**	There is no wetland in the project area. No further Compliance is required.
23.	**Pavement shall be so constructed as to allow infiltration of surface runoff of rain water. Fully impermeable pavement shall not be constructed. Construction of pavement around trees shall be as per scientifically accepted principal and in order to provide suitable watering, aeration and nutrition to tree.**	It has been complied.
24.	**The Green building concept suggested by Indian Green Building Council, which is part of CII-Godrej GBC shall be studied and followed as for as possible**	A large number of green concepts as suggestedby IGBC are being incorporated in this project.
25.	**Compliance with safety procedures, norms and guidelines as outlined in National Building Code 2005 shall be compulsorily ensured**	All construction activities are strictly following safety procedures and norms as prescribedin National Building Code 2005.
26.	**Ensure usage of dual flush system cisterns and explore options to use sensor based fixtures, waterless urinals and other waste saving techniques.**	Dual plumbing systems utilizing recycled water for flushing are being installed. Other practices being adopted for reducing dependability on fresh/municipal water are – ➢ Use of water efficient plumbing fixtures as dual flushing cistern.(9 liters and 7 liters are being installed) ➢ Leak detection and repair techniques. ➢ Awareness campaign for reduced water use. ➢ Metered water consumption.
27.	**Explore options for use of dual pipe plumbing for use of water with different qualities such as municipal supply, recycled water, ground water etc.**	Dual pipe plumbing is present for the use of water with different qualities such as recycledwater and ground water etc.
28.	**Ensure use of measures for reducing water demand for landscaping and using xeriscaping efficient irrigation equipment & controlled watering systems.**	It will be complied with at the stage of organized horticulture. Water Conservation measures for horticulture would be as proposed in the attachedEMP plan.

29.	**Make suitable provisions for using solar energy as alternative of energy. Solar energy application should be incorporated for illumination of common areas, lightning of gardens and street lightning in addition to provision for solar water heating. Present a detailed report showing how much percentage of backup power for institution can be provided through solar energy so that use and polluting effects of DG sets can be minimized.**	Provision for solar lighting in common areaswill be explored and installed as per norms. Installation of solar water heating in individualvillas will be promoted.
30.	**Make separate provision for segregation, collection, transport and disposal of e- waste.**	No e-waste is being presently generated. Necessary negotiations will be held with authorized dealers before the Operation Phase. Segregation, collection, transport and disposal ofe-waste will be as per E-Waste Management Rules, 2016.
31.	**Educate citizens and other stake holders by putting up hoardings at different places to create environmental awareness.**	Environment awareness drives are organized withthe involvement of all stakeholders through programmes, pep talk & displays.
32.	**Traffic congestion near the entry and exit points from roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.**	The project provides sufficient parking space. Wherever necessary, glow sign boards are beinginstalled to control traffic and avoid accidents. Traffic circulation and parking plan has been Already submitted with previous compliancereport.
33.	**Prepare and present disaster management plan.**	A Disaster Management Plan has been submitted in the previous compliance report.
34.	**The project proponents shall ensure that no construction activity is undertaken without obtaining pre environmentalclearance.**	Construction activities were started after obtaining Environmental Clearance **videLetter no.- 1924/parya/SEAC/1747/2013/AD/(H) Dated:12/10/2013.** However, due to change in layout plan Amended EC has been issued again in 2023 **vide Letter no.- 215 / Parya/SEIAA/3640/2023 Dated 01 June, 2023**
35.	**A report on the energy conservation measures confirming to energy conservation norms finalize to Bureau of Energy efficiency should be prepared incorporating details about building materials and technology, R and U factors etc.**	Report on energy conservation measures adopted for the project has been submitted in theprevious compliance report.
36.	**Fly ash should be used as building material in the construction as per provision of fly ash notification of September, 1999 and amended as on August, 2003 (The above condition is applicable only if the project lies within 100km of Thermal power Station)**	Fly Ash and Pozzolana based material for construction activities and also for paving blockswill be used as per the Fly Ash Notification 2009as amended.
37.	**The DG sets to be used during construction phase should be use low sulphur diesel type and should confirm to E.P. rules prescribed for air and noiseemission standards.**	High performance diesel (low sulphur diesel) is being used up in DG Sets; emissions of these sets strictly comply with the prescribed emission standards for noise and air as per E.P. Rules. A report on DG sets stack monitoring has been attached at GC no. 1.

38.	**Alternate technologies to chlorination (for disinfection of waste water) including methods like ultra violet radiation, Ozonation etc. shall be examined and report submitted with justification for selected technology.**	The STP being used is based on Phytorid Technology. Provision for ultra-violet radiation,ozonation, and other disinfection techniques willbe explored.
39.	**The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscape and covered with vegetation of indigenous variety.**	Green Belt photographs and list of plants are attached as **ANNEXURE-IX**
40.	**The construction of the building and the consequent increased traffic load should be such that micro climate of the area is not adversely affected.**	The project is being developed on a vacant land. All the necessary practices are being adopted to avoid any change in microclimate of the project area.
41	**The building should be design so as to take sufficient safeguard regarding seismic zone sensitivity.**	The area falls in Seismic zone III. The proposed building will be seismically resistantand designed as per the following IS: Code- IS 1893:2002 Criteria for Earthquake Resistant Design of Structure IS 4326:1993 Earthquake Resistant Design & Constructionof building- Code of Practice IS 13920:1993 Ductile Detailing of Reinforced Concrete Structures subjected to Seismic Forces – Code of Practice.
42.	**High rise buildings should obtain clearance from aviation department or concerned authority.**	NOC from aviation department had been taken &is attached as **ANNEXURE-X**.
43.	**Suitable measures shall be taken to restrain the development small commercial activities or slums in the vicinity of the complex. All commercial activities should be restricted to special areas earmarked for the purpose.**	No haphazard development is present inthe vicinity.
44.	**It is suggested that literacy program for weaker section of society/women/adult (Including domestic help) and under privilege children could be provided in formal way.**	It is being continuously done with the company's fund.
45.	**The use of Compact Fluorescent lamps should be encouraged. Management plan for the safe disposal of used / damaged CFLs should be submitted.**	Use of T-5/LED is encouraged to reduce the requirement of the project. Damaged CFLs, if any, will be disposed along with E-waste. E- waste management plan has been submitted with the previous compliance report.
46.	**It shall be ensured that all street and park lighting is solar powered 50% of the same may be provided with dual (solar /electrical) alternatives.**	Solar power is being installed for streetlighting using solar photovoltaic cells.
47.	**Solar water heater shall be installed to the maximum possible capacity. Plans may be drawn up accordingly hands submitted with justification.**	Solar water heaters, as a part of energy requirement of the project will be installed by people residing.

48.	**Treated effluent shall be maximally reused to aim for zero discharge. Where ever not possible, a detailed management plan for disposal should be provided with quantity and qualities of waste water.**	Detailed plans for recycling and reuse havebeen provided in the EIA report**.**
49.	**The treated effluents should normally not be discharged in to public sewers with terminal treatment facilities as they adversely affect the hydraulic capacity of STP. If unable, necessary permission from authorities should be taken.**	Noted and Compliance will be ensured.
50.	**Construction activities including movements of vehicles should be so managed so that no disturbance is caused nearby residents.**	Noted and Compliance will be ensured.
51.	**All necessary statutory clearances should be obtained and submitted before start of any construction activity and if this condition is violated the clearance, if and when given, shall be automatically deemed to have been cancelled.**	Noted. All necessary statutory clearanceshave been obtained.
52.	**Parking area should be in accordance with the norms of MoEF, government of India. Plans may be drawn up accordingly and submitted.**	Proposed Provisions for parking are asper MoEF/UP norms.
53.	**The location of the STP should be such that it is away from human habilitation and does not cause problem of odor. Odorless technology options should be examined and a report submitted.**	The STP will be away from human habilitationand will not cause problem of odor. Detailed STP plan and photographs is attached as **ANNEXURE-XI** .
54.	**The environment management plan should also include the break up costs on various activities and the managementissues also so that residents also participate in the implementation of the environment management plan.**	Fund for the environment management has already been allocated.
55.	**Detailed plans for safe disposal of STP sludge shall be provided along with ultimate disposal location, quantitative estimates and measures proposed.**	The sludge will be disposed along with MSW or landfilling.
56.	**Status of the project as on date shall be submitted along with photographs from North, South, West and East side facing camera and adjoining areas should be provided.**	Photographs are attached as **ANNEXURE-I** for reference.
57.	**Specific location along with dimensions with reference to STP, Parking, Open areas and Green belt etc. should be provided on the layout plan.**	Layout plan has been attached. Layout map is attached as **ANNEXURE-XII**.
58.	**The DG sets shall be so installed so as to conform to prescribed stack heights and regulations and also to the noise standards as prescribed, Details should be submitted.**	DG Sets installed will strictly conform to the prescribed stack height regulations as wellas the noise standards.

59.	**E- waste management should be done asper MoEF Guidelines.**	E-Waste management is being negotiated with approved vendor. E-Waste is likely to be generated only in the operation phase & will be managed as per the provisions of E Waste Rules 2016.
60.	**Electrical waste should be segregated and disposed suitably as not to impose environmental risk.**	Segregation of e-waste will be as per e-waste management plan.
61.	**The use of suitably processed plastic waste in the construction of roads should be considered.**	Use of suitable processed plastic wastein the construction of roads has been considered and complied.
62.	**Displaced persons shall be suitably Rehabilitated as per prescribed norms.**	No displacement involved.
63.	**Dispensary for first aid shall be provided**	Dispensary for first aid has been provided at theProject Site.
64.	**Safe disposal arrangement of used toiletries items in hotels should be ensured. Toiletries items could be given complementary to guests, adopting suitable measures.**	Not applicable.
65.	**Diesel generating set stacks should be monitored for CO and HC.**	DG stacks are being regularly monitored for CO.
66.	**Ground water downstream of rain water harvesting pit nearest to STP should be monitored for bacterial contamination. Necessary hand pumps should be provided for sampling. The monitoring is to be done in pre and Post Monsoon seasons**	It is being undertaken as installation and operation of Rain Water Harvesting system is being done.
67.	**The green belt shall consist of 50 %trees, 25% shrubs and 25 % grass as per MoEF norms.**	It is being incorporated in the Landscape plan for Implementation.
68.	**A separate electric meter shall be provided to monitor consumption of energy for the operation of sewage /effluent treatment in tanks.**	Separate meter will be provided to monitor energy consumption for the operation of STP.
69.	**An energy audit should be annually carried out during the operational phase and submitted to the authority.**	Noted and shall be complied during the operation phase.
70.	**Project proponents shall endeavor to obtain ISO: 14001 Certification. All general and specific conditions mentioned under this environmental clearance should be included in the environmental manual to be prepared for the certification purpose and compliance.**	It will be included in the management document for Resident Welfare Association / Special Purpose Vehicle.

71.	**Environmental Corporate Responsibility (ECR) plan along with budgetary, provision amounting to 2% of total project cost shall be submitted (within the month) on need base assessment study in the study area. Income generating measures which can help in up-liftment of weaker section of society consistent with the traditional skills of people identified. The programme can include activities such as old age homes, rain water harvesting provision in nearby areas, development of fodder farm, fruit bearing orchards; vocational training etc. In addition, vocational training for individuals shall be imparted so that poor section of society can take up self-employment and jobs. Separate budget for community development activities and income generating programmers shall be specified. Revised ECR plan is to be submitted within 3 month. Falling which, the environmental Clearance shall be deemed to be cancelled.**	Environmental Corporate Responsibility (ECR) plan along with budgetary, provision is being prepared and will be submitted with next compliance report. Training programme will be conducted at regular interval.
72.	**Appropriate safety measures should be made for accidental fires.**	Appropriate fire safety measures have been adopted for the protection of workers during construction phase. For operational phase all the required safety measures are proposed. Fire extinguishers are being installed in club and commercial areas.
72.	**Smoke meters should be installed aswarning measures for accidental fires.**	Installation of smoke meters is an essential partof Fire safety Plan. Final NOC from Fire Department is attached as **ANNEXURE-XIII**.
73.	**Plan for safe disposal of R.O reject is to be submitted.**	There is no RO reject from the project site.
	Specific conditions:	
1.	**The project proponent shall submit within the next 3 months the details of solar power plant solar electrification details within the project.**	Solar Panel has been incorporated in the building of the high rise building. Solar lighting has been installed in the parks / garden and streets. Photographs of the solar panel is attached as **Annexure-XIV**
2.	**The project proponent shall ensure to plant broad leaves trees and their maintenance. The CPCB guidelines in this regard shall be followed.**	Green area has been developed in the project site Photograph and list of plants has been attached as **Annexure IX**
3.	**The project proponent shall submit within the next 3 months the details on quantification of year wise CSR activities along with cost and other details. The CSR activities should be related to mitigation of Environment Pollution and awareness forthe same.**	The detailed CSR activities are being planned and will be submitted during next compliance.

4.	**The project proponent shall submit within the next 3 months the details of estimated construction waste generated during the construction period and its management plan.**	Details of estimated construction waste generated and its management plan has been submitted as **Annexure XV**
5.	**The project proponent shall submit within the next 3 months the details of segregation Plan of MSW.**	48 hours Solid waste collection center has been provided in the complex. Necessary agreement with private firm has been done for handling and disposal of MSW. A copy of payment receipt from Municipal Corporation has been attached as **ANNEXURE-VII**.
6.	**The project proponent shall engage the agency authorized by UPPCB for Biomedical waste collection,transportation, disposal and treatment. The project proponent shall submit within the next 3 month the details of segregation and management plan of biomedical waste.**	There is no hospital inside the township. A small healthcare centre is proposed, so very less quantity of biomedical waste will be generated which will be managed by authorized hired agency
7.	**The project proponent shall ensure that waste water is properly treated in STP and reused maximum for gardening, flushing system etc. For reuse of water for irrigation sprinkler and drip irrigation system shall be installed and maintained for proper function.**	To reduce the load on Ground water Tertiary treated water from STP will be utilized to meet water demands for Horticulture & Flushing.
8.	**The project proponent will ensure that proper dust control arrangement are made during construction and proper displayboard is installed at the site to inform the public the steps taken to control air pollution as per the Construction and Demolition Waste Management Rules.**	All the suitable measures are being followed to control the dust dispersion like site barricading of adequate height, sprinkling, covering of construction materials etc. Photographs have been attached as **Annexure VIII**.
9.	**Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.**	List of plants has been attached as **Annexure IX**

10.	**The waste water generated should be treated properly in scientific manner i.e domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.**	The waste water generated will be treated in STP present at the site and will be reuse for flushing and horticulture. There is no provision of RO.
11.	**The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.**	It has been complied.
12.	**"Consent for Establishment" shall be obtained from UP Pollution Control Board.**	"Consent for Establishment" has been obtained vide letter no. **113642/UPPCB/Lucknow (UPPCBRO)/CTE/LUCKNOW/2020 Dated 18/06/2022**
13.	**All required sanitary and hygienic measures should be in place before starting construction activities and to maintain throughout the construction phase.**	Hutments with basic amenities such as drinking water, electricity, toilet facilities are being provided to labours by the contractor. Further, toilets are being provided at the site. Photograph has been attached as **Annexure XVI.**
14.	**Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the building.**	Photographs of **STP, MSW disposal facility, green belt development** has been attached as **Annexure XVIII**
15	**Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.**	Mostly labours are from local area, labour camps are also provided for the labour with necessary facilities like fuel for cooking mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc. Photograph of the labour camp has been attached as **Annexure XVI.**
16.	**Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.**	Adequate drinking water and sanitary facilities are being provided for construction workers at the site. Photograph of the labour camp has been attached as **Annexure XVI.**

17.	**The solid waste generated should be properly collected and segregated. Dry / inert solid waste should be disposed-off to the approved sites for land filling after recovering recyclable material.**	48 hours Solid waste collection center has been provided in the complex. Necessaryagreement with private firm has been done for handling and disposal of MSW. A copy of payment receipt from Municipal Corporation has been attached as **ANNEXURE-VII**.
18.	**Biomedical waste management shall be followed as per the biomedical waste (Management and Handling) Rules 2016. Special attention to be given for mercurywaste management and disposal.**	There is no hospital in the township. A small health care unit is proposed, so very less amount of biomedical waste will be generated from the site which will be treated as per biomedical waste (Management and Handling) Rules 2016.
19.	**Necessary permission should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.**	No radioactivity waste will be generated fromthe project site.
20	**Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be submitted to authority. A list of beneficiaries with their mobile number**	Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be submitted to authority along with next compliance report.
21.	**No parking shall be allowed outside theproject boundary.**	Parking provision is provided as per the MoEF norms.
22.	**Parking space for ambulances shall be exclusively earmarked.**	Separate parking space will be provided for ambulance.
23.	**Police post shall be provided near emergency.**	Police post shall be provided near emergency.
24	**Dedicated power supply to be installed in Operation Theater and other critical areas.**	There is no such provision proposed.
25.	**Accommodation for attendants to be provided near indoor nursing wards.**	There is no hospital proposed; only a smallhealth care unit will be constructed.
26.	**Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration /Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) So that natural drainage system of the area is protected and improved.**	All the topsoil excavated during construction activities is stored for use in horticulture / landscape development within the project site.
27.	**The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipment etc. as per National Building Code including measures from lighting.**	The structural stability certificate has been obtained from the authority and has been attached here for reference. **Annexure XVII**

28.	**Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspect of people, only in approved sites with the approvals of U.P Pollution Control Board.**	Muck generated during construction phase will be stacked properly at the site and will later be taken away and disposed of necessary precautions are being considered general safety and health aspects of people. Also, it will be disposed-off at the Approved site.
29.	**Any hazardous waste generated during construction phase should be disposed - offas per applicable rules and norms with necessary approvals of the U.P Pollution Control Board.**	No Hazardous waste generated at site. Spent diesel oil from Generator sets are the only hazardous waste expected in the project. It is being temporarily stored and then transferred to authorized recyclers. Necessary agreements with approved vendors and clearance applications shall be finalized before the Operation Phase. Waste oil is being presently stored temporarily and is being handed over to authorized recyclers. Hazardous waste generated will be disposed-offas per Hazardous Waste Management Rule 2016.
30.	**The Diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection)Rules prescribed for air and noise emission Standards.**	Power supply during construction phase is ensured through temporary power connection. DG sets are present on-site for backup power is having specifications conforming to E.P. rules prescribed for air and noise pollution.
31.	**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. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to stipulated standards by CPCB/UPPCB.**	Pollution loads on the ambient air and noise is being monitored time to time. Monitoring reports regarding this at GC serialno.1. All the measures are being adopted to reduce theair and noise pollution.
32.	**The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including section of plant species and in consultation with the local DFO / Agriculture Dept.**	Green belt has been developed along with the project boundary. Landscaping has been done in the open space inside the project. Broad Leave Species has been planted as per CPCB guidelines. Green Belt Photographs and List of Plants annexed as **Annexure-IX**
33.	**The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air ventilation.**	Proper ventilation has been allowed to movement of fresh air and light between the building structure.
34.	**Pavement shall be so constructed as to allow infiltration of surface run – off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the trees.**	Permeable pavement has been installed to allow water to infiltrate, thus reducing runoff and acting as a filter. Construction of pavements will be done scientifically in order to provide suitable watering,

		aeration and nutrition to the tree.
35.	**Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.**	During construction phase Batching Plant has been utilizing at site and sprinkler will be used during curing and quenching.
36.	**Convenient shops, bank canteen, post offices and medicine shops etc. to be provided with in complex.**	Convenient shops and other facilities are being provided with in complex.
37.	**RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.**	Rain water harvesting pits shall be constructed for recharge of ground water and proper arrangements will be develop for separation of storm water and waste water discharge.
38.	**NOC from Ground Water Board is to be submitted for drilling of tube well for use of water supply.**	NOC from Ground Water Board has been obtained. Copies of NOC are attached in GC serial no. 11.
39.	**Authorization certificate is to be obtainedfrom Pollution Board and you cannot hold biomedical waste more than 24hours.**	No significant amount of biomedical waste will be generated as there is no hospital in the township.
40.	**All the internal drains are to be covered till the disposal point.**	Noted and proper care will be taken care off.
41	**This Environment Clearance is issued subject to land use verification. Local authority /planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.**	Noted and Compliance will be ensured.

List of Annexure

Sl. No.	Annexure
Annexure I	Construction Status and Site Photograph
Annexure II	Monitoring Report
Annexure III	CTE and CTO
Annexure IV	EC
Annexure V	Master Plan
Annexure VI	Ground Water NOC
Annexure VII	Payment Receipt of MSW
Annexure VIII	Dust Dispersion Measures Photograph
Annexure IX	Green Belt Photographs and List of Plants
Annexure X	AAI NOC
Annexure XI	STP Plan and photographs
Annexure XII	Approved Layout Plan
Annexure XIII	Fire NOC
Annexure XIV	Photographs of the solar panel
Annexure XV	Construction Waste Management Plan
Annexure XVI	Labour Camp Photograph
Annexure XVII	Structure Stability Certificate
Annexure XVIII	Miscellaneous Photograph

Annexure - I

लखनऊ विकास प्राधिकरण

प्राधिकरण भवन, विपिन खण्ड
गोमती नगर, लखनऊ
भाग–द

(विकास प्राधिकरण की अभ्युक्ति एवं पूर्णता प्रमाण–पत्र)

पत्र संख्या 1430/अधि0अभि0 जोन–4 (प्र0) /2020–21 दिनांक: 25/02/2021

कृपया आवेदनकर्ता मेसर्स शालीमार के0एस0एम0बी0 प्रोजेक्ट ग्राम–धैला व अलीनगर, हरदोई सीतापुर बाईपास, शालीमार गार्डन–बे का परमिट सं0–20180618162722810 दिनांक–07.03.2019 को रिवाइज ले–आउट प्लॉन प्राधिकरण द्वारा स्वीकृत हुआ है। जिसमें कन्वीनियन्ट शॉप हेतु कुल क्षेत्रफल 2076.85 वर्गमीटर स्वीकृत है। स्थल का निरीक्षण किया गया। स्थल पर स्वीकृत शमन मानचित्र परमिट–43153 दिनांक–15.05.2020 के अनुसार निर्माण है। कार पार्किंग की व्यवस्था है तथा रेन वॉटर हॉर्वेस्टिंग क्रियाशील अवस्था में है। जिस हेतु स्ट्रक्चरल इंजीनियर का प्रमाण–पत्र दिनांक–12.08.2020 संलग्न किया गया है। आवेदनकर्ता द्वारा पूर्णतः प्रमाण–पत्र प्राप्त किये जाने हेतु प्रपत्र–"ब" प्रस्तुत किया गया है। इस सम्बन्ध में आवेदनकर्ता द्वारा प्रस्तुत किये गये वांछित प्रपत्रों के क्रम में निम्न शर्तों/प्रतिबन्धों के अधीन पूर्णता प्रमाण–पत्र प्रदान किया जाता है।

1. पूर्व में स्वीकृत शमन मानचित्र परमिट सं0–43153 दिनांक–15.05.2020 में अंकित शर्तों का विधिवत् अनुपालन सुनिश्चित करना होगा।
2. संदर्भित समस्त विभागों द्वारा जारी अनापत्ति में अंकित शर्तों का अनुपालन करना होगा।
3. रेन वॉटर हॉर्वेस्टिंग सिस्टम को संचालित एवं सदैव क्रियाशील अवस्था में रखना होगा।
4. भू–स्वामित्व चौहददी एवं भूमि वाद–विवाद के सम्बन्ध में प्राधिकरण का उत्तरदायित्व नहीं होगा, यदि किसी मा0 न्यायालय में कोई वाद–विवाद विचाराधीन है तो यह स्वीकृति उक्त वाद के निर्णय से प्रतिबन्धित रहेगा।
5. यदि कोई देयता निकलती है तो माँगे जाने पर प्राधिकरण खाते में अविलम्ब जमा करना होगा।
6. पूर्व में स्वीकृत तलपट मानचित्र में अंकित शर्तों का अनुपालन सुनिश्चित करना होगा।
7. अग्नि शमन विभाग द्वारा जारी अनापत्ति दिनांक–24.08.2013 में अंकित शर्तों का पूर्णतः अनुपालन सुनिश्चित करना होगा तथा अवशेष पार्ट का पूर्णता प्रमाण–पत्र प्राप्त करने से पहले अग्नि शमन विभाग की फाइनल अनापत्ति प्राप्त करनी होगी।
8. स्वीकृत मानचित्र में रोड वाईडिनिगं, ग्रीनबेल्ट हेतु छोड़ी गयी भूमि एवं चकरोड पर किसी भी प्रकार का कोई भी निर्माण नहीं करना होगा।
9. सीवर, वाटर, विद्युत आदि आवश्यक सुविधाओं को क्रियाशील रखने का उत्तरदायित्व निर्माणकर्ता का होगा। प्राधिकरण की इस सम्बन्ध में कोई उत्तरदायित्व नहीं होगा।
10. आवेदक को शासनादेश में उल्लेखित भूकम्परोधी/अग्नि शमन विभाग की अनापत्ति प्रमाण–पत्र में अंकित शर्तों का पालन करना होगा।

11. यदि भूखण्ड निर्माण के सम्बन्ध में आवेदक द्वारा किसी भी प्रकार का तथ्य छिपाने का प्रमाण पाया जाता है तो उ0प्र0 नगर एवं विकास अधिनियम–1973 यथा संशोधन–1993 की धारा–15(9) के अन्तर्गत मानचित्र निरस्तीकरण की कार्यवाही की जायेगी।

हस्ताक्षरः–.....

पदनामः–अधिशासी अभियन्ता, जोन–4(प्र0)

कार्यालय की मोहरः–.....

पत्रांक सं० 147/A.A.(मानचित्रसेल)/20
दिनांक 05-06-2020

प्राधिकरण भवन, विपिन खण्ड

गोमती नगर, लखनऊ

भाग–द

(विकास प्राधिकरण की अभ्युक्ति एवं पूर्णता प्रमाण पत्र)

मेसर्स शालीमार के0 एस0 एम0 बी0 प्रोजेक्टस द्वारा आवासीय टाउनशिप (गार्डेन–बे) के अन्तर्गत ग्राम–धैला व अलीनगर लखनऊ पर निर्मित समूह आवास भवन के पूर्णता के सम्बन्ध में दिये गये अभिलेखों का परीक्षण व स्थल निरीक्षण श्री शिव कुमार–अवर अभियन्ता, लखनऊ विकास प्राधिकरण द्वारा कर लिया गया है। उनके द्वारा निर्माण कार्य प्राधिकरण द्वारा स्वीकृत मानचित्र परमिट संख्या– 42675 दि0 16.09.2017 के अनुरूप सही पाया गया। पूर्णता प्रमाण पत्र की सशर्त स्वीकृति सक्षम अधिकारी द्वारा दि0 19.03.2020 को प्रदान की गयी है।

अतः उत्तर प्रदेश नगर नियोजन और विकास अधिनियम 1973 की धारा–15 क(2) के अनुसार समूह आवास भवन निर्माण हेतु निम्न शर्तो/प्रतिबन्धों के साथ पूर्णता प्रमाण पत्र निर्गत किया जाता है।

शर्त/प्रतिबन्ध–

1 फायर विभाग, विधुत सुरक्षा विभाग एवं अन्य विभागों द्वारा जारी अनापत्ति पत्रों में अंकित शर्तो/निर्देशों का अक्षरशः पालन करना होगा। इसमें किसी भी प्रकार की शिथिलता के परिणाम स्वरूप दुर्घटना की सम्पूर्ण जिम्मेदारी पक्ष/निर्माणकर्ता की होगी।

2. भवन उपविधि के परिशिष्ट –16 में अंकित/आवश्यक इन्वायरमेंटल कन्डीशन को प्रश्नगत भवन/स्थल पर पूर्ण रखने का सम्पूर्ण दायित्व पक्ष/निर्माणकर्ता का होगा।

3. मानचित्र पर अंकित/प्रस्तावित पार्किंग को तत स्थान व्यवस्थित करने एवं वाहनों के निर्बाध आवागमन का समस्त उत्तरदायित्व पक्ष का होगा।

4. स्थल के सीमांकन सहित भू–स्वामित्व का समस्त उत्तरदायित्व पक्ष/निर्माणकर्ता का होगा।

(PTO)

5. सोलर हीटिंग प्रणाली की व्यवस्था शपथ पत्र के कथनानुसार 2 माह में पूर्ण करानी होगी।
6. आवश्यक सेवाओं यथा सीवर, विद्युत, वर्षा जल निकास आदि मुख्य सेवाओं के संयोजन का उत्तरदायित्व पक्ष का होगा
7. अपार्टमेंट एक्ट के प्राविधानों का अनुपालन सुनिश्चित करना होगा।
8. दिये गये शपथ पत्र के कथनानुसार सम्बन्धित विभागों (यथा अग्निशमन, विद्युत सुरक्षा, उ0प्र0 प्रदूषण नियंत्रण बोर्ड) से नियमानुसार वैधता अवधि में वृद्धि प्राप्त किये जाने का दायित्व आवेदक/पक्ष का होगा।
9. पक्ष द्वारा स्ट्रक्चर इंजीनियर श्री कमल के0 सब्बरवाल द्वारा प्रदत्त भवन उपविधि परिशिष्ठ–11 पर निर्मित भवन की सुरक्षा के सम्बन्ध में प्रस्तुत प्रमाण पत्र के कम में भवन के स्थायित्व से संबन्धित समस्त सुरक्षा उपाय सुनिश्चित करने का दायित्व पक्ष का होगा।
10. शपथ पत्र के कथनानुसार भविष्य में प्राधिकरण द्वारा एफ.ए.आर. शुल्क सहित किसी भी मद में कोई देयता सूचित की जाती है तो उसे अविलम्ब जमा करने का दायित्व पक्ष का होगा।

उपरोक्त किसी भी शर्त का उल्लघन पाये जाने पर निर्गत पूर्णता प्रमाण पत्र स्वतः निरस्त माना जायेगा।

हस्ताक्षर .....

पदनामः अधिशासी अभियन्ता–मा0सेल

दिनॉक 05-06-2020

अधिशासी अभियन्ता–मा0 सेल
लखनऊ विकास प्राधिकरण

लखनऊ विकास प्राधिकरण

प्राधिकरण भवन, विपिन खण्ड
गोमती नगर, लखनऊ
भाग–द

(विकास प्राधिकरण की अभ्युक्ति एवं पूर्णता प्रमाण–पत्र)

संख्याः–148 / अधि0अभि0,जोन–4(प्र0) / 2019–20 दिनांक :–27-11-2019

मेसर्स शालीमार के.एस.एम.बी. प्रोजेक्ट्स, शालीमार कार्पोरेट पार्क विभूति खण्ड लखनऊ के द्वारा गार्डन–'बे' आवासीय टाउनशिप ग्राम घैला व ग्राम अलीनगर, में निर्मित 298 एकल आवासीय भवनों (डुप्लेक्स) एवं प्लाटेड डेवलपमेन्ट (प्लाट–बी) के पार्ट पूर्णता प्रमाण–पत्र हेतु दिनांक 26.03.2019, 02.07.2019 एवं 21.09.2019 को किये गये आवेदन के साथ दिये गये प्रमाण–पत्रों का परीक्षण एवं स्थल निरीक्षण श्री राजेश सिंह तोमर, सहायक अभियन्ता एवं श्री सुभाष शर्मा, अवर अभियन्ता द्वारा कर लिया गया है एवं उनके द्वारा, संशोधित तलपट स्वीकृत मानचित्र परमिट संख्या–20180618162722810 दिनांक 07.03.2019 के अनुरूप सही पाया गया है।

उपरोक्तानुसार उपाध्यक्ष महोदय द्वारा दिनांक 18.11.2019 को संशोधित स्वीकृत तलपट मानचित्र परमिट संख्या–20180618162722810 दिनांक 07.03.2019 के द्वारा निर्मित केवल 298 एकल आवासीय भवन (डुप्लेक्स) एवं प्लाटेड डेवलपमेन्ट (प्लाट–बी) के पार्ट (आंशिक) पूर्णता प्रमाण–पत्र की निम्न शर्तों सहित निर्गत करने की स्वीकृति प्रदान की गयी है, के क्रम में पार्ट (आंशिक) पूर्णता प्रमाण–पत्र निम्न शर्तों / प्रतिबन्धों के साथ जारी किया जाता है:–

1. पूर्व में स्वीकृत संशोधित तलपट मानचित्र परमिट संख्या–20180618162722810 दिनांक 07.03.2019 में अंकित शर्तों का अनुपालन सुनिश्चित करना होगा।
2. संदर्भित समस्त विभागों द्वारा जारी अनापत्ति में अंकित शर्तों का अनुपालन करना होगा।
3. अग्नि शमन विभाग द्वारा जारी अनापत्ति दिनांक 24.08.2013 में अंकित शर्तों का पूर्णतः अनुपालन सुनिश्चित करना होगा तथा अवशेष पार्ट का पूर्णता प्रमाण–पत्र प्राप्त करने से पहले अग्नि शमन विभाग की फाइनल अनापत्ति प्राप्त करनी होगी।
4. रेनवाटर हार्वेस्टिंग सिस्टम को संचालित एवं सदैव क्रियाशील अवस्था में रखना होगा।
5. स्वीकृत मानचित्र में रोड वाईडिनिंग, ग्रीनबेल्ट हेतु छोड़ी गयी भूमि एवं चकरोड पर किसी भी प्रकार का कोई भी निर्माण नहीं करना होगा।
6. भू–स्वामित्व चौहद्दी तथा भूमि वाद–विवाद के सम्बन्ध में प्राधिकरण का उत्तरदायित्व नहीं होगा। यदि किसी मा0 न्यायालय में कोई वाद–विवाद विचाराधीन है तो यह स्वीकृति उक्त वाद के निर्णय से प्रतिबन्धित रहेगा।
7. सीवर, वाटर, विद्युत आदि आवश्यक सुविधाओं को क्रियाशील रखने का उत्तरदायित्व निर्माणकर्ता का होगा। प्राधिकरण का इस सम्बन्ध में कोई उत्तरदायित्व नहीं होगा।
8. यदि कोई देयता निकलती है तो मांगे जाने पर प्राधिकरण खाते में अविलम्ब जमा करना होगा।
9. यह स्वीकृति संशोधित स्वीकृत तलपट मानचित्र के अनुसार स्थल पर स्थित केवल 298 एकल आवासीय (डयूप्लेक्स भवन) एवं प्लाटेड डेवलपमेंट (Plot-B) से संबंधित भूखण्डीय विकास कार्य हेतु मान्य है, अन्यथा उपयोग करने पर प्रदान की गयी स्वीकृति स्वतः समाप्त समझी जायेगी।

10. आवेदक को शासनादेश में उल्लेखित भूकम्परोधी/अग्नि शमन विभाग की अनापत्ति प्रमाण–पत्र में अंकित शर्तों का पालन करना होगा।

11. यदि भूखण्ड निर्माण के सम्बन्ध में आवेदक द्वारा किसी भी प्रकार का तथ्य छिपाने का प्रमाण पाया जाता है तो उ0प्र0 नगर योजना एवं विकास अधिनियम 1973 यथासंशोधित–1997 की धारा–15(9) के अन्तर्गत मानचित्र निरस्तीकरण की कार्यवाही की जायेगी।

हस्ताक्षरः–.....

पदनामः– अधिशासी अभियन्ता, जोन–4(प्र0)

कार्यालय की मोहरः–..... अधि० अभि० जोन-4

Site Photographs

Site Photograph

Annexure - II

ARIHANT ANALYTICAL LABORATORY PVT. LTD.

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Website : www.aalkundli.com

TC-5826

TEST REPORT

Issued To:	**M/s ENV DAS (I) Pvt. Ltd.** C-363, Indira Nagar, Lucknow – 226 016. Uttar Pradesh	**Report No.**	AAL.MIS-20241118021
		Date of Receiving:	18/11/2024
		Date of Analysis Start:	18/11/2024
Sample Description:	**Ambient Air Quality Monitoring**	**Date of Analysis Complete:**	23/11/2024
Date of Monitoring:	15/11/2024 to 16/11/2024	**Date of Reporting:**	23/11/2024
Sampling Site:	**Garden Bay** at Village Ghaila and Alinagar, Lucknow (UP)	**Sampling Done By:**	AAL

TEST RESULT

Sampling Details:

Type of Monitoring	:	**Ambient Air Quality Monitoring**
Sampling Method	:	As per IS-5182 (P-14)-2000
Location of Sampling Point	:	**Near Main Gate**
Sampling Started on	:	02:00 PM (15/11/2024)
Sampling Completed on	:	02:00 PM (16/11/2024)
Actual Time of Sampling (Hrs)	:	24:00 Hrs.
Average flow Rate for particulate matter (m^3/min.)	:	1.18
Total Volume of air sampled for particulate matter (m^3)	:	1699.2

S. No.	Test Parameters	Unit	Results	Limits as per NAAQS (Max.)	Test Methods
1	Particulate Matter, $PM_{2.5}$	$\mu g/m^3$	63.5	60	IS-5182(P-24)-2019
2	Particulate Matter, PM_{10}	$\mu g/m^3$	127.6	100	IS-5182(P-23)-2006
3	Sulphur Dioxide (as SO_2)	$\mu g/m^3$	16.2	80	IS 5182(P-2/Sec-1)-2023
4	Nitrogen Dioxide (as NO_2)	$\mu g/m^3$	28.6	80	IS-5182(P-6)-2006
5	Carbon Monoxide (as CO)	mg/m^3	1.1	02 (8hr) 04 (1hr)	IS-5182(P-10)-1999

NAAQS-National Ambient Air Quality Standard

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

Issued To:	**M/s ENV DAS (I) Pvt. Ltd.** C-363, Indira Nagar, Lucknow – 226 016, Uttar Pradesh	**Report No.**	AAL MIS-20241118022
		Date of Receiving:	18/11/2024
		Date of Analysis Start:	18/11/2024
Sample Description:	**Ambient Air Quality Monitoring**	**Date of Analysis Complete:**	23/11/2024
Date of Monitoring:	15/11/2024 to 16/11/2024	**Date of Reporting:**	23/11/2024
Sampling Site:	**Garden Bay** at Village Ghaila and Alinagar, Lucknow (UP)	**Sampling Done By:**	AAL

TEST RESULT

Sampling Details:

Type of Monitoring	:	**Ambient Air Quality Monitoring**
Sampling Method	:	As per IS-5182 (P-14)-2000
Location of Sampling Point	:	**Near Parking Area**
Sampling Started on	:	02:20 PM (15/11/2024)
Sampling Completed on	:	02:20 PM (16/11/2024)
Actual Time of Sampling (Hrs)	:	24:00 Hrs.
Average flow Rate for particulate matter (m^3/min.)	:	1.14
Total Volume of air sampled for particulate matter (m^3)	:	1641.6

S. No.	Test Parameters	Unit	Results	Limits as per NAAQS (Max.)	Test Methods
1	Particulate Matter, $PM_{2.5}$	$\mu g/m^3$	71.2	60	IS-5182(P-24)-2019
2	Particulate Matter, PM_{10}	$\mu g/m^3$	173.1	100	IS-5182(P-23)-2006
3	Sulphur Dioxide (as SO_2)	$\mu g/m^3$	19.3	80	IS 5182(P-2/Sec-1)-2023
4	Nitrogen Dioxide (as NO_2)	$\mu g/m^3$	29.6	80	IS-5182(P-6)-2006
5	Carbon Monoxide (as CO)	mg/m^3	0.9	02 (8hr) 04 (1hr)	IS-5182(P-10)-1999

NAAQS=National Ambient Air Quality Standard

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

Issued To:	**M/s ENV DAS (I) Pvt. Ltd.** C-363, Indira Nagar, Lucknow – 226 016, Uttar Pradesh	**Report No.**	AAL MIS-20241118023
Sample Description:	**Ambient Noise Monitoring**	**Date of Receiving:**	18/11/2024
Date of Monitoring:	15/11/2024 to 16/11/2024	**Date of Analysis Start:**	18/11/2024
Sampling Location:	**Near Main Gate**	**Date of Analysis Complete:**	23/11/2024
Sampling Site:	**Garden Bay** at Village Ghaila and Alinagar, Lucknow (UP)	**Date of Reporting:**	23/11/2024
		Sampling Done By:	AAL

TEST RESULTS

S. No.	Test Parameter	Unit	Results	Requirement (as per CPCB Guidelines)			
				Area Code	Category of Area / Zone	Day Time (6AM-10PM)	Night Time (10PM-6AM)
1	**Noise Level**						
	Lmin	dB(A)	48.2				
	L10	dB(A)	59.7				
	L50	dB(A)	53.1				
	L90	dB(A)	49.8				
	Leq	dB(A)	62.8				
	Lmax	dB(A)	75.8				
	Leq-Day	dB(A)	64.2	(A)	Industrial Area	75	70
				(B)	Commercial Area	65	55
	Leq-Night	dB(A)	51.3	(C)	Residential Area	55	45
				(D)	Silence Zone	50	40

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TC-5826

TEST REPORT

Issued To:	**M/s ENV DAS (I) Pvt. Ltd.** C-363, Indira Nagar, Lucknow – 226 016, Uttar Pradesh	**Report No.**	AAL.MIS-20241118024
Sample Description:	**Ambient Noise Monitoring**	**Date of Receiving:**	18/11/2024
Date of Monitoring:	15/11/2024 to 16/11/2024	**Date of Analysis Start:**	18/11/2024
Sampling Location:	**Near Parking Area**	**Date of Analysis Complete:**	23/11/2024
Sampling Site:	**Garden Bay** at Village Ghaila and Alinagar, Lucknow (UP)	**Date of Reporting:**	23/11/2024
		Sampling Done By:	AAL

TEST RESULTS

S. No.	Test Parameter	Unit	Results	Requirement (as per CPCB Guidelines)			
				Area Code	Category of Area / Zone	Day Time (6AM-10PM)	Night Time (10PM-6AM)
1	**Noise Level**						
	Lmin	dB(A)	47.3				
	L10	dB(A)	58.8				
	L50	dB(A)	52.8				
	L90	dB(A)	47.1				
	Leq	dB(A)	59.2				
	Lmax	dB(A)	73.1				
	Leq-Day	dB(A)	62.4	(A)	Industrial Area	75	70
				(B)	Commercial Area	65	55
	Leq-Night	dB(A)	49.2	(C)	Residential Area	55	45
				(D)	Silence Zone	50	40

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

Issued To: **M/s ENV DAS (I) Pvt. Ltd.**
C-363, Indira Nagar,
Lucknow – 226 016, Uttar Pradesh

Sample Description: **Stack Emission**
Date of Monitoring: 15/11/2024
Sampling Site: **Garden Bay**
at Village Ghaila and Alinagar, Lucknow (UP)

Report No. AAL MIS-20241118025

Date of Receiving: 18/11/2024
Date of Analysis Start: 18/11/2024
Date of Analysis Complete: 23/11/2024
Date of Reporting: 23/11/2024
Sampling Done By: AAL

TEST RESULT

Plant/Section	:	**D G Section**
Stack Identification	:	Stack Attached to D G
Source of Emission	:	D G Set
Capacity	:	**1250 KVA**
Type of Stack	:	Metal
Diameter of Stack	:	0.1016m
Height of Stack from Ground Level	:	4.26m
Height from Roof Level	:	-
Height at Which Sampling Port	:	-
Product Manufacturing	:	-
Type of Fuel Used	:	HSD
Normal Operating Schedule	:	As per requirement
Duration of Monitoring	:	45 min.
Emission Control (if any)	:	Nil
Observations		
Ambient Temperature(°C)	:	30
Stack Temperature (°C)	:	292
Velocity (m/s)	:	12.82
Quantity of emission ($Nm^3/hr.$)	:	265.22

S. No.	Test Parameter	Unit	Results	Limits as per CPCB Guidelines	Test Methods
1	Particulate Matter (as PM) At 15% O_2	mg/Nm^3	54.8	75	IS 11255(P-1)-1985
2	Sulphur Dioxide (as SO_2)	mg/Nm^3	21.8	NS	IS 11255(P-2)-1985
3	Oxide of Nitrogen (as NO_x) At 15% O_2	ppmv	293.6	710	IS 11255(P-7)-2005
4	Carbon Monoxide (as CO) At 15%O_2	mg/Nm^3	65.8	150	IS 13270- 1992
5	Non Methane Hydrocarbon (as C) At 15% O_2	mg/Nm^3	20.4	100	AAL/SOP/ENV/032

CPCB=Central Pollution Control Board,
NS=Not Specified

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

Issued To:	**M/s ENV DAS (I) Pvt. Ltd.** C-363, Indira Nagar, Lucknow – 226 016, Uttar Pradesh	**Report No.**	AAL MIS-20241118026
		Date of Receiving:	18/11/2024
Sample Description:	**Soil Sample**	**Date of Analysis Start:**	18/11/2024
Date of Sampling:	15/11/2024	**Date of Analysis Complete:**	23/11/2024
Sample Location:	**Construction Site**	**Date of Reporting:**	23/11/2024
Sampling Site:	**Garden Bay** at Village Ghaila and Alinagar, Lucknow (UP)	**Sample Qty.**	1 Kgs.
		Sample Packing Condition:	Polythene Bag
		Sample Collected By:	AAL

TEST RESULT

S. No.	Test Parameters	Unit	Results	Test Method
1	pH (1:2 Suspension)	-	7.40	IS 2720(P-26)-1987
2	Electrical Conductivity	µS/cm	731	IS 2720(P-21)-1977
3	Magnesium (as Mg)	mg/kg	187.0	USEPA 6010 C-2000
4	Total Kjeldahl Nitrogen (TKN)	mg/kg	95.6	IS 14684-1999
5	Sodium (as Na)	mg/kg	181.3	USEPA 6010 C-2000
6	Potassium (as K)	mg/kg	77.5	USEPA 6010 C-2000
7	Phosphorus (as P)	mg/kg	40.4	USEPA 6010 C-2000
8	Organic Matter	%	1.20	IS 2720(P-22)-1972
9	Cation exchange capacity (CEC)	Meq/100gm	20.8	IS 2720(P-24)-1976

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

Issued To: **M/s ENV DAS (I) Pvt. Ltd.**
C-363, Indira Nagar,
Lucknow – 226 016, Uttar Pradesh

Report No. AAL MIS-20241118027

Sample Description: **Ground Water**
Date of Sampling: 15/11/2024
Sample Location: **Near Main Gate (Bore well)**
Sampling Site: **Garden Bay**
at Village Ghaila and Alinagar, Lucknow (UP)

Date of Receiving: 18/11/2024
Date of Analysis Start: 18/11/2024
Date of Analysis Complete: 23/11/2024
Date of Reporting: 23/11/2024
Sample Qty. 2 Litre
Sample Packing Condition: Sterilized Bottle
Sample Collected By: AAL

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirements As per IS: 10500-2012		Testing Method
				Acceptable Limit	Permissible Limit	
1	Colour	Hazen	<5.0	5 Max.	15 Max.	IS 3025(P-4)-2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(P-5)-2018
3	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(P-8)-2023
4	Turbidity	NTU	<1.0	1 Max.	5 Max.	IS 3025(P-10)-2023
5	pH Value	-	7.48	6.5-8.5	No relaxation	IS 3025(P-11)-2022
6	Total Dissolved Solids	mg/l	744.0	500 Max.	2000 Max.	IS 3025(P-16)-2023
7	Conductivity at 25°C	µmhos/cm	1092	-	-	IS 3025(P-14)-2013
8	Calcium (as Ca)	mg/l	84.0	75 Max.	200 Max.	IS 3025(P-2)-2019
9	Chloride (as Cl)	mg/l	122.0	250 Max.	1000 Max.	IS 3025(P-32)-1988
10	Fluoride (as F)	mg/l	0.28	1 Max.	1.5 Max.	APHA 24th Ed. 4500-F D
11	Iron (as Fe)	mg/l	0.24	1.0 Max.	No relaxation	IS 3025(P-2)-2019
12	Magnesium (as Mg)	mg/l	70.0	30 Max.	100 Max.	IS 3025(P-2)-2019
13	Nitrate (as NO_3)	mg/l	11.0	45 Max.	No relaxation	IS 3025(P-34/Sec-1)-2023
14	Sulphate (as SO_4)	mg/l	136.0	200 Max.	400 Max.	IS 3025(P-24/Sec-1)-2022
15	Total Alkalinity (as $CaCO_3$)	mg/l	380.0	200 Max.	600 Max.	IS 3025(P-23)-2023
16	Total Hardness (as $CaCO_3$)	mg/l	389.0	200 Max.	600 Max.	IS 3025(P-21)-2009
17	Total Arsenic (as As)	mg/l	ND(DL=0.01)	0.01 Max.	No relaxation	IS 3025(P-37)-2022
18	E.Coli	per 100ml	Absent	Shall not detectable in any 100 ml sample		IS 15185-2016
19	Total Coliform	per 100ml	Absent	Shall not detectable in any 100 ml sample		IS 15185-2016

****End of Report****

Vinay Dixit
(Microbiologist)

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

Issued To:	**M/s ENV DAS (I) Pvt. Ltd.** C-363, Indira Nagar, Lucknow – 226 016, Uttar Pradesh	**Report No.**	AAL MIS-20241118028
		Date of Receiving:	18/11/2024
		Date of Analysis Start:	18/11/2024
Sample Description:	**STP Outlet Water**	**Date of Analysis Complete:**	23/11/2024
Date of Sampling:	15/11/2024	**Date of Reporting:**	23/11/2024
Sample Location:	**STP Plant**	**Sample Qty.**	1 Litre
Sampling Site:	**Garden Bay** at Village Ghaila and Alinagar, Lucknow (UP)	**Sample Packing Condition:**	Plastic Bottle
		Sample Collected By:	AAL

TEST RESULT

S. No.	Test parameters	Unit	Results	Limits as per Environment (Protection) Rules,1986 Schedule-VI General Standards for Discharge Inland Surface Water	Testing Method
1	pH Value	-	7.38	5.5 - 9.0	IS 3025(P-11)-2022
2	Total Suspended Solids	mg/l	20.0	100 Max.	IS 3025(P-17)-2022
3	Oil & Grease	mg/l	<2.0	10 Max.	IS 3025(P-39)-2021
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	15.3	30 Max.	IS 3025(P-44)-2023
5	Chemical Oxygen Demand (COD)	mg/l	81.0	250 Max.	IS 3025(P-58)-2023

****End of Report****

ASHUTOSH SRIVASTAVA
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5. The non-perishable sample received shall be destroyed after one month and perishable sample shall be destroyed after one week from the date of issue of report unless specified.

Annexure - III

UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :21/06/2021 To 31/12/2025

Ref No. - 113642/UPPCB/Lucknow(UPPCBRO)/CTE/LUCKNOW/2020 **Dated:- 18/06/2021**

To ,

Shri MOHD KAREEM FAROOQUI
M/s SHALIMAR KSMB PROJECTS GARDEN BAY
Expansion Of Shalimar KSMB Projects Garden Bay Alinagar and Ghaila , Hardoi -Sitapur Link Road, Lucknow, U.P.,LUCKNOW,226020,LUCKNOW,226020
LUCKNOW

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Polution) Act, 1981 as amended.

Please refer to your Application Form No.- 10468335 dated - 14/12/2020. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :
   A- Site along with geo-coordinates :
   B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	**Raw Material Unit Name**	**Raw Material Quantity**
Cement,Steel,Brick,Sand etc.	Metric Tonnes/Day	.

   C- Product with capacity :

Product Detail	
Name of Product	**Product Quantity**
Flats, Plots and Villas for Housing	.

   D- By-Product if any with capacity :

By Product Detail			
Name of By Product	**Unit Name**	**Licence Product Capacity**	**Install Product Capacity**
Flats	Metric Tonnes/Day	.	.

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	**Name of Source**	**Quantity (KL/D)**

3. Quantity of effluent (ln KLD) :

Effluent Details	
Source Consumption	**Quantity (KL/D)**

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	**Consumption(tpd/kld)**	**Use**

5 For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 31/12/2025 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, I974 and Air (Prevention and control of Pollution)Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application,complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act,1981 may be initiated against the industry With out any prior information,in case of non compliance of above conditions.

Specific Conditions:

1. This CTE is being granted for the development of the Residential Township Project for total plot area-3,13,948.0 sqm at Khasra no. 2-7,12-14,23-25,27-31,32-87-89,89/1594,90ka,91ka,91kha,91ga,91gha92-97,108,110,114,115 115/1553,116,117,119ka,120,121ka,121kha,122,123,124ka,124kha,178,181-184,189,191-195/1546,197, 200-204,206,207,209,212-217,219,230 231,234-236,239,240sa, Village Alinagar 5,23,25-27,29,35-37,39,41,45,46,48, Village-Alinagar, Lucknow.

2. The project proponent shall ensure to provide the proper exhaust from roof level along with acoustic enclosures on DG set (4X1250 KVA) as per prescribed standards.

3. The project shall install the STP of capacity 1400 KLD (850 KLD & 550 KLD) as proposed. The STP shall be installed in such a manner so that it can achieve the standard specified in the notification issued by Ministry of Environment , Forest & Climate Change vide GSR 1265 (E) dated 13-10-2017 in the time period as specified in the notification & treated water shall be used in flushing/horticulture/cooling etc.

4. Project shall develop proper green belt as per the guidelines issued vide Board office order no. H10405/220/2018/02 Dt. 16-02-2018 shall be complied.

5. The Order issued by Hon'ble Courts/Hon'ble NGT, MoEF & CC, Central Pollution Control Board, U.P. Pollution Control Board shall be complied with.

6. Project shall not start gaseous emission & sewage generation without obtaining CTO (Air and Water) from the Board.

7. The PP shall ensure to obtain NOC as per applicable rules for withdrawal of ground water from U.P. State Ground Water Department , within 03 months and submit it to the Board.

8. The dust emission from the construction sites shall be completely controlled and all precautions will be taken in that behalf.

9. The PP shall ensure to install PTZ camera and provide its access, URL and ID to the board.

10. All approach roads & in campus roads should be sprinkled with water to suppress the dust emission.

11. The project shall ensure to put tarpaulin scaffolding around the area of construction and the building for effective and efficient control of dust emission generated during construction of the project.

12. Storage of any construction material particularly sand shall not be done on any space outside the project area.

13. The project shall comply with the provisions of Construction and Demolition Waste Management Rules, 2016.

14. The construction material of any kind stored on site shall be fully covered in all respect so that it does not disperse in the air in any form. The dust emission from the construction sites shall be completely controlled and all precautions will be taken in that behalf.

15. All the construction material & debris shall be carried in trucks or vehicles which are fully covered and protected so as to ensure that the construction debris or construction material does not get dispersed into the air or atmosphere in any form whatsoever.

16. The project shall ensure to provide the proper Wind breaking wall constructed around the construction site.

17. Project Proponent shall install separate Effluent Treated Plant of adequate capacity for the treatment of the effluent generated from the proposed hospital.

18. The proposed health care facility in the project shall comply with the provisions of Bio Medical Waste Management Rules, 2016.

19. In case of installation of hotmix/ready mix plant, the prior permission shall be obtained from the Board.

20. The PP shall ensure to install Organic Waste Converter for bio degradable waste in its premises before completion of project.

21. Fixing of sprinklers and creation of green air barriers shall be done to control fugitive dust emission and improve environment. Compulsory use of wet jet in grinding and stone cutting shall be practiced.

22. The project shall comply with the provisions of Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).

23. Project shall submit a bank guarantee of Rs. 10.0 lakhs within 01 month for compliance of the above conditions no 1 to 22.

Please note that consent to Establish will be revoked, in case of, non compliance ot any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 18/07/2021 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

Chief Environmental Officer, Circle-5, UPPCB.

Dated:- 18/06/2021

Copy To -

Regional Officer, UPPCB, Lucknow.

Chief Environmental Officer, Circle-5, UPPCB.

Uttar Pradesh Pollution Control Board
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

179452/UPPCB/Lucknow(UPPCBRO)/CTO/both/LUCKNOW/2023 **Date: 26/07/2023**

To,
M/s
M/s SHALIMAR KSMB Projects - Garden Bay
IIM Road, Village Ghaila, Lucknow,LUCKNOW,206020

Application Id-20152787

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to **M/s SHALIMAR KSMB Projects - Garden Bay** located at **IIM Road, Village Ghaila, Lucknow,LUCKNOW,206020**. subject to the provisions of **the Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA M/s SHALIMAR KSMB Projects - Garden Bay **granted for the period from 26/07/2023 to 31/12/2027** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	Group Housing Project	NA	Metric Tonnes/Day

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	**850 KLD**	**STP**	**Maximum horticulture and irrigation**

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.
In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.
(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality.In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be

dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
1	pH	5.5-9.0
2	BOD (mg/L)	20 mg/l
3	TSS (mg/L)	50 mg/l
4	Fecal Coliform (MPN/100ml)	1000 MPN/100ml

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack

Emmission Quality Standards

S No.	Stack no	Parameters	Standards

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-http://www.upecp.in/TrainingSession.aspx for ensuring timely compliance of

this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.
8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.
2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
3. Treated Industial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.
7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

Specific Conditions:-

1. This consent is valid for Residential Township Project M/s Shalimar KSMB Projects - Garden Bay for Raw houses/Villas, LIG/EWS Flats) in Tower 2, 3, 4, 5 Flore B+12 (total 302 Flats, 301 Villas and 118 Plot), Swimming Pool and Club at (Phase-1) village-Ghaila and Alinagar, IIM Road, District- Lucknow.

2. The PP shall ensure to obtain NOC in case of any changes, enhancement etc. in the proposed capacity/area of the project.

3. The unit shall ensure to operate and maintained Sewage Treated Plant (850 KLD) in such a manner so that it can achieve the standard specified in the notification issued by Ministry of Environment , Forest & Climate Change vide GSR 1265 (E) dated 13-10-2017 in the time period as specified in the notification & treated water shall be used in flushing/horticulture/cooling etc.

4. The PP shall comply with the conditions of Environmental Clearance issued by SEIAA.

5. The unit shall ensure to comply the all conditions mentioned in CTE dated 18.06.2023 issued by the Board.

6. The PP shall ensure to submit treated water analysis report conducted by any NABL accredited lab shall be submitted on quarterly basis.

7. The unit shall ensure to obtain permission from U.P. State Ground Water Department for withdrawal of ground water within 03 months and submit it to the Board.

8. The PP shall ensure that treated waste water recycle, reused for cooling of DG sets and gardening maximum.

9. The Order issued by Hon'ble Courts/Hon'ble NGT, MoEF & CC, Central Pollution Control Board, U.P. Pollution Control Board, shall be complied with.

10. Generated hazardous waste shall be stored temporarily in the unit premises and disposed off through authorized TSDF after obtaining the authorization from the Board.

11. The unit shall submit the latest copy of Audited Balance Sheet/C.A. Certificate (Fixed Assets+ Current Assets - Current Liabilities) so that the Consent fee payable by the industry may be verified.

12. The unit shall comply with the provisions of, Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).

13. Noise and emission level from the DG sets installed of 400 KVA, 320 KVA, 250 KVA and 125 KVA capacities shall be within the prescribed norms.

14. Ambient air quality of the area shall be monitored on quarterly basis and report be submitted to the Board.

15. The unit shall ensure to establish Miyawaki forest, as per the GO no. 1011/81-7-2021-09(writ)/2016 dated 13.10.2021 of Deptt. of Environment, forest and Climate Change.

16. The project proponent shall ensure to install in house solid waste processing facility.

17. If closure order is issued by CPCB or UPPCB against any defaulting unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective from the date of issuance of closure order revocation,

with additional conditions mentioned in the closure revocation order.

Chief Environmental Officer,
Circle-5, UPPCB.

Copy to:

Regional Officer, UPPCB, Lucknow.

Chief Environmental Officer,
Circle-5, UPPCB.

Annexure - IV

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.
Vineet Khand-1, Gomti Nagar, Lucknow-226 010
Phone : 91-522-2300 541, Fax : 91-522-2300 543
E-mail : doeuplko@yahoo.com
Website : www.seiaaup.com

To,

Mohd. Kareem Farooqui,
Authorized Signatory,
M/s Shalimar KSMB Projects,
Ground Floor, Shalimar Square,
BN Road, LalBAgh, Lucknow.

Ref. No.....215...../Parya/SEIAA/3640/2023 Date: 01 June, 2023

Sub: Amendment in EC Residential Township "Garden Bay"at Khasra nos. (Ghaila): 2, 3, 4, 5, 6, 7, 12, 13, 14, 23,24, 25, 27, 31, 32, 87, 88, 89, 89/1594 , 90Ka, 91ka,kha, 91Ga, 91Gha, 92, 93, 94, 95,96, 97, 108, 110,114, 115, 115/1553, 116, 117, 119Ka, 120, 121Ka,21Kha, 122, 123, 124Ka, 124Kha, 178, 181, 182,183,184,189, 191, 192, 193, 194,195, 195/1546,197, 200, 201, 202, 203, 204, 206, 207, 209, 212,213, 214, 215, 216, 217, 219, 230, 231, 234, 235,236 , 239,240sa ,Khasra nos.(Alinagar): 5,23,25,26,27,29,35,36,37,39, 41,45, 46,48,Village- Ghaila and Alinagar, District-Lucknow, M/s Shalimar KSMB Projects.

Reference- MoEFCC Proposal no- SIA/UP/MIS/299550/2023 File no- 3640

Dear Sir,

This is with reference to your application / letter dated 24-4-2023 & 26-05-2023 on above mentioned subject. The matter was considered by 756st SEAC in meeting held on 29-05-2023 and 740th SEIAA in meeting held on 12-06-2023.

A presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The amendment in environmental clearance is sought for Residential Township "Garden Bay"at Khasra nos. (Ghaila): 2, 3, 4, 5, 6, 7, 12, 13, 14, 23,24, 25, 27, 31, 32, 87, 88, 89, 89/1594 , 90Ka, 91ka,kha, 91Ga, 91Gha, 92, 93, 94, 95,96, 97, 108, 110,114, 115, 115/1553, 116, 117, 119Ka, 120, 121Ka,21Kha, 122, 123, 124Ka, 124Kha, 178, 181, 182,183,184,189, 191, 192, 193, 194,195, 195/1546,197, 200, 201, 202, 203, 204, 206, 207, 209, 212,213, 214, 215, 216, 217, 219, 230, 231, 234, 235,236 , 239,240sa ,Khasra nos.(Alinagar): 5,23,25,26,27,29,35,36,37,39, 41,45, 46,48,Village- Ghaila and Alinagar, District-Lucknow, M/s Shalimar KSMB Projects.
2. Environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 71/Parya/SEAC/3640/2016, dated 12/01/2018 for the plot area 3,13,948 sqm and built up area 2,21,281.8 sqm.
3. Revised built up area details:

S. No.	Particulars	Builtup Area
1.	Group Housing 01	49590 Sqm.
2.	Group Housing 02	45854 Sqm.
3.	EWS & LIG	11415 Sqm.
4.	Club, Convenience Shopping & Gym	2327 Sqm.
5.	Row Houses or Villas	68372 Sqm.
	Total	**1,77,558 Sqm.**

4. Comparative details of existing project and proposed amendment:

	As per EC Issued Vide Letter No.- 71/parya/SEAC	Revised Detail	Difference

Amendment in EC Residential Township "Garden Bay" at Khasra nos. (Ghaila): 2, 3, 4, 5, 6, 7, 12, 13, 14, 23,24, 25, 27, 31, 32, 87, 88, 89, 89/1594 , 90Ka, 91ka,kha, 91Ga, 91Gha, 92, 93, 94, 95,96, 97, 108, 110,114, 115, 115/1553, 116, 117, 119Ka, 120, 121Ka,21Kha, 122, 123, 124Ka, 124Kha, 178, 181, 182,183,184,189, 191, 192, 193, 194,195, 195/1546,197, 200, 201, 202, 203, 204, 206, 207, 209, 212,213, 214, 215, 216, 217, 219, 230, 231, 234, 235,236 , 239,240sa ,Khasra nos.(Alinagar): 5,23,25,26,27,29,35,36,37,39, 41,45, 46,48,Village- Ghaila and Alinagar, District-Lucknow, M/s Shalimar KSMB Projects.

	/3640/2016 Dated:12/01/2018				
Description	Area	%	Area	%	
Total Plot Area	77.58ac		77.58 ac		0
Gool Area	12810 sqm		12810 sqm		0
Chak Road Area	3707.52 sqm		3707.52 sqm		0
Kucchi Naali Area	5032.47 sqm		5032.47 sqm		0
Site Area	292396.00 sqm		292405.41 sqm		9.41
Land Left for Road Widening (51.9m)	2927.73 sqm		2927.73 sqm		0
Green Belt (50 m)	9452.41 sqm		9452.41 sqm		0
Green Belt (100 m)	14897.67 sqm		14897.67 sqm		0
Net Project Area	265118.19 sqm	100	265127.6 sqm	100	9.41
Green and Parks Area	39932.02 sqm	15.06	40550.61 sqm	15.29	618.59
Total Area for Row Houses/ Villas	92744.57 sqm	34.98	99477.3 sqm	37.52	6732.73
Group Housing 1	41503.12 sqm	15.65	39426.3 sqm	14.87	-2076.82
Group Housing 2	0	0	10336.12 sqm	3.90	10336.12
Total Area for Residential	134247.69 sqm	50.64	149239.8 sqm	56.29	14992.11
L.I.G/EWS Housing Plots	8501.36 sqm	3.21	9311 sqm	3.51	809.64
School	School-4007.99 Nursery School-521.05 Anaganwadi-502.53	1.51 0.20	School+ anganwadi-4341 Nursery School-521.62	1.84	-168.95
Community Center	4690.65 sqm	1.77	4924.16 sqm	1.86	233.51
Commercial	10818.73 sqm	4.08	0	0.00	-10818.73
Convenience Shopping	2508.06 sqm	0.90	2076.85 sqm	0.71	-431.21
Sub-Post Office	109.68 sqm	0.04	110.4 sqm	0.04	0.72
Health Care Center	806.41 sqm	0.30	827.47 sqm	0.31	21.06
Police Station with Residential	1554.35 sqm	0.59	0	0.00	-1554.35
ATM & Extension Counter	84.68 sqm	0.03	0	0.00	-84.68
Garbage Disposal	90.0 sqm	0.03	90.0 sqm	0.03	0
11 KVA Electrical Substation	501.78 sqm	0.19	501.78 sqm	0.19	0
Chabutra	45.0 sqm	0.02	45.0 sqm	0.02	0
Roads & Circulation	56196.21 sqm	21.2	52587.91 sqm	19.83	-3608.3

5. Water/waste water details:

Water/Waste Water Details	
Fresh Water for domestic uses	520 KLD
Flushing	187 KLD
Horticulture / Landscape	65 KLD
HVAC	100 KLD
Total Water Requirement	872 KLD
Source of water - Ground Water Supply	
Waste water - 566 KLD STP Capacity - Existing- 850 KLD (Phytorid Technology) + Proposed- 210KLD (MBBR) for Group Housing-2	

6. Solid waste details:

Particulars	Population	Norms (kg/day)	Total waste (kg/day)
1. Residential			
Group Housing-1 (Heights)	1510	0.5	755
Group Housing-2 (Crown)	1100	0.5	550
Villas	3485	0.5	1743
LIG/EWS	122	0.5	610
Visitors (10%)	732	0.15	109.8
2. Public & Semi-Public			
Schools &Aanganwdi	1100	0.25	275
Community Center & Club	1000	0.25	250
Other staff	250	0.5	125
3. Horticulture waste		(@0.0037 kg/sq.m)	240
4. Total Municipal Solid Waste			5.0 TPA
5. E-waste		(0.15kg/capita/year)	3.5 Kg/day
6. Bio-medical waste (30 beds)		(@0.375kg/capita/day)	11.25 Kg/day
7. STP Sludge		40 kg per MLD	25 kg

7. Parking details:

Type of Facility	Permissible FAR	Norm	ECS Required	ECS Provided
Residential (Group Housing)	149239.8	1 ECS/ 80 m^2	1866	
(LIG/ EWS)	9311	1 ECS/ 80 m^2	116	
Public- Semi Public Facility	13438.28 x 3 = 44102	1 ECS/ 50 m^2	806	
Total			2788	2788

8. Landscape plan:

Landscape area +	40,500.29sqm.
Required trees (1 tree/ 80 m2 of Open area)	506 Trees
Proposed:	510 Trees

The project proponent requested to amend the environmental clearance letter dated 12/01/2018 as per above details.

The committee/SEIAA discussed the matter and grant to amend the environmental clearance letter no. 71/Parya/SEAC/3640/2016, dated 12/01/2018 as recommended. All the other contents mentioned in EC letter dated 12/01/2018 shall remain the same.

Any appeal against this EC 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.

(Ajay Kumar Sharma)
Member Secretary, SEIAA

No..... /Parya/SEIAA/3640/2023 dated: As above

Copy, through email, for information and necessary action to –

1. The Principal Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – soenvups@rediffmail.com)
2. Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, 3rd Floor, Prithvi-Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 (email – sudheer.ch@gov.in)
3. Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Bhawan, 5th Floor, Sector "H", Aliganj, Lucknow – 226020 (email – rocz.lko-mef@nic.in)
4. District Magistrate, Lucknow, Uttar Pradesh.
5. Member Secretary, Uttar Pradesh Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (email – ms@uppcb.com)
6. Copy to Web Master for uploading on PARIVESH Portal.
7. Copy for Guard File.

(Ajay Kumar Sharma)
Member Secretary, SEIAA

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.
Vineet Khand-1, Gomti Nagar, Lucknow - 226 010
Phone : 91-522-2300 541, Fax : 91-522-2300 543
E-mail : doeuplko@yahoo.com
Website : www.seiaaup.in

To,

Mohd. Kareem Farooqui,
Authorized Signatory,
M/s Shalimar KSMB Projects,
Ground Floor, Shalimar Square,
BN Road, Lalbagh,
Lucknow, U.P.

Ref. No...71..../Parya/SEAC/3640/2016 Date: 12 January, 2018

Sub: Environmental Clearance for Expansion of Residential Township Project "Garden Bay" at Khasra nos. 2-7, 12-14, 23-25, 27, 31, 32, 87-89, 89/1594, 90 Ka, 91 Ka, Kha, 91 Ga, 91 Gha, 92-97, 108, 110, 114, 115, 115/1553, 116, 117, 119 Ka, 120, 121 Ka, 121 Kha, 122, 123, 124 Ka, 124 Kha, 178, 181-184, 189, 191-195, 195/1546, 197, 200-204, 206, 207, 209, 212-217, 219, 230, 231, 234-236, 239, 240 Sa, Village-Ghaila and Khasra nos. 5, 23, 25-27, 29, 35-37, 39, 41, 45, 46, 48, Village-Alinagar, Luckcnow, U.P. M/s Shalimar KSMB Projects, Regarding.

Dear Sir,

Please refer to your application/letters 09-03-2016, 06-05-2016, 16-06-2016, 06-02-2017 & 18-10-2017 addressed to the Secretary, State Level Expert Appraisal Committee (SEAC) and Director, Directorate of Environment Govt. of UP on the subject as above. A presentation was made by the representative of the project proponent along with their consultant M/s ENV DAS India Pvt. Ltd. in the SEAC meeting dated 26/12/2017.

The Project proponent, through documents (submitted to SEAC) and presentation made during meeting, has informed to the SEAC that:-

1- The environmental clearance is sought for Expansion of Residential Township Project "Garden Bay" at Khasra nos. 2-7, 12-14, 23-25, 27, 31, 32, 87-89, 89/1594, 90 Ka, 91 Ka, Kha, 91 Ga, 91 Gha, 92-97, 108, 110, 114, 115, 115/1553, 116, 117, 119 Ka, 120, 121 Ka, 121 Kha, 122, 123, 124 Ka, 124 Kha, 178, 181-184, 189, 191-195, 195/1546, 197, 200-204, 206, 207, 209, 212-217, 219, 230, 231, 234-236, 239, 240 Sa, Village-Ghaila and Khasra nos. 5, 23, 25-27, 29, 35-37, 39, 41, 45, 46, 48, Village-Alinagar, Luckcnow, U.P. M/s Shalimar KSMB Projects.
2- Environment clearance for the project was issued vide letter no. 1924/parya/SEAC/1747/2013/AD/(H)Dated-12/10/2013.
3- Project proponent submitted a copy of certified compliance report as per OM No. J-11013/6/2010-IA.II(part) dated 07/09/2017 issued by Regional Office of MoEFCC, (Central Region), Lucknow vide letter no. VII/Env/UP/SCI./801/2017 dated 02/11/2017.
4- The ToR was issued vide letter no.124/Parya/SEAC/3640/AD (SUB) dated 15 June 2016.
5- Comparative area Statement :-

	As per EC Issued Vide Letter No.- 1924/parya/SEAC/1747/2013/AD/(H) Dated:12/10/2013	**Now Proposed**
Description	Area(m^2)	Area(m^2)
Total Project Area	313948	313948
Gool Area	12810	12810
Chak Road Area	3707.52	3707.52
KucchiNaali Area	5032.47	5032.47
Site Area	292396	292396
Land Left for Road Widening (51.9m)	4297.14	2927.73

Green Belt (50 m)	10581.14	9452.41
Green Belt (100 m)	14807.43	14897.67
Net project area	262710.29	265118.19
Area of Group Housing	51537.7 m^2	41503.12
Area for Row Houses/ Villas	99360.4 m^2	92744.57
Permissible Ground Coverage	30%	30%
Permissible F.A.R (Group Housing)	1,47,140.725m^2 (@2.5)	@2.5 +0.5
Permissible Density	1000 person/Ha	
Group Housing units	1178	1020
Achieved population @5 person/unit	5890	5100
Residential units for Row Houses/ Villas	1849	1377
Achieved population in Row Houses/ Villas	7000	6885
For EWS/ LIG	9,483.08 m^2	8501.36 m2
Achieved units	370	480
Achieved population @5 person/unit	1850	2400
Total Residential Population	14,740	14385
Basement Area		31165 m^2
No. of Towers in GH		11nos
Height		37.15m

	As per EC Issued Vide Letter No.- 1924/parya/SEAC/1747/2013/AD/(H)Dated:12/10/2013		Now Proposed	
Description	Area(m^2)	%	Area(m^2)	%
Total Plot Area	313948		313948	
Gool Area	12810		12810	
Chak Road Area	3707.52		3707.52	
Kucchi Naali Area	5032.47		5032.47	
Site Area	292396.00		292396.00	
Land Left for Road Widening (51.9m)	4297.14		2927.73	
Green Belt (50 m)	10581.14		9452.41	
Green Belt (100 m)	14807.43		14897.67	
Net Project Area	262710.29		265118.19	
Green and Parks Area	39601.16	15.08	39932.02	15.06
Total Area for Row Houses/ Villas	99360.4	37.82	92744.57	34.98
Group Housing Plot	51537.7	19.62	41503.12	15.65
Total Area for Residential	150898.1	57.44	134247.69	50.64
L.I.G Housing Plots	5360	2.03	8501.36	3.21
E.W.S Housing Plots	4123.08	1.57		
School	4100	1.56	School- 4007.99 Nursery- 521.05	1.51 0.20
Community Centre	5223.02	1.99	4690.65	1.77
Commercial	-	-	10818.73	4.08
Convenience Shopping	2162.75	0.82	2508.06	0.90
Sub-Post Office	100	0.03	109.68	0.04
Health Care Center	806.79	0.31	806.41	0.30
Police Station with	1503.63	0.57	1554.35	0.59

Residential				
ATM & Extension Counter	81	0.03	84.68	0.03
Garbage Disposal	90	0.03	90.0	0.03
11 KVA Electrical Substation	503.33	0.18	501.78	0.19
Aanganwadi	501.74	0.18	502.53	0.19
Chabutra	45	0.02	45.0	0.02
Roads & Circulation	47610.69	18.16	56196.21	21.2
Total	262710.29	100%	265118.19	100%

6- Land use plan :-

Description	Area (m^2)	%
Total Site Area	2,92,396	
Total Area for Road Widening and Green	27,277.81	
Net Project Site Area	**265118.19**	**100**
Green Area	39932.02	15.06
Residential	134247.69	50.64
Total Area for LIG/EWS	8501.36	3.21
Community Center	4690.65	1.77
Commercial	10818.73	4.08
Convenience Shopping	2508.06	0.9
School	4,007.99	1.71
Other facilities	4,021.45	1.39
Road Area	56390.24	21.27

7- FAR & NON-FAR Details of the project:-

Utility	Area	% Ground Coverage	Permissible FAR	Purchasable FAR	Total FAR	Floor Area (Area x Total FAR)	Non FAR	Total
Total Area for Row Houses/ Villas	92744.57	60	1.75	-	-	-	-	-
Group Housing Plot	41503.12	40	2.5	0.5	3	124509.36	31165	155674.4
L.I.G/ EWS Housing Plots	8501.36	50	2	-	2	17002.72		17002.72
Nursery	521.05	40	0.8	0.2	1	521.05		521.05
School	4007.99	35	1	0.2	1.2	4809.588		4809.588
Community Center	4690.65	40	1.5	0.5	2	9381.3		9381.3
Commercial	10818.73	35	1.75	0.5	2.25	24342.1425		24342.14
Convenience Shopping	2508.06	50	1.5	0.5	2	5016.12		5016.12
Sub-Post Office	109.68							
Health Care Center	806.41	40	1.5	0.75	2.25	1814.4225		1814.423
Police Station with Residential	1554.35	60	1.75	-	1.75	2720.113		2720.113
Total						**190116.816**	**31165**	**221281.8**

Particulars	No. of Units	No. of Family Per Unit	Occupancy	Population
Group Housing				
Group Housing	1020	1	5	5100

	Row Houses or Villas (Plot A & B)				
	Plot Size 100 m^2	220	2	5	2200
	Plot Size 150 m^2	303	2	5	3030
	Plot Size 175 m^2	60	2	5	600
	Plot Size 200 m^2	64	2	5	960
	Plot Size (251-300)	5	3	5	75
	Plot Size (301-500)	1	4	5	20
	LIG/EWS				
	LIG	240	1	5	1200
	EWS	240	1	5	1200
	Total Residential Population				14385
	Total Floating Population (10% of Residential Population)				1500
	Public/ Semi-public				
	School Nursery				500
	Primary School				500
	Inter College				700
	Aanganwadi				100
	Other Staff				250
	Club & Community centre				50 Staff 1000 Visitors
	Health Centre				30 beds
	Commercial	10818.73×1.5	@ 1 person 7 sqm		2320

8- Construction Status of the project till date:-

S.No.	PRODUCT	NOS. TAKEN UP	BUILT UPAREA TAKEN UP (lacsq. ft.)	COMPLETION STATUS
1.	Villa	232	3,11,350	All are in different construction stages.
2.	Group Housing	304 units	5,53236.16 (Only T-2,T-3,T-4&T-5)	T-2 at 12th Floor & T-3 at 10th Floor & T-4 at 8th Floor & T-5 at 8th Floor
3.	EWS/LIG	492	2,04959	Yet to be started
4	Roads	20715.23sqm	-	Completed
5.	School	-	43,125.97	Yet to be started
6.	Health Centre	-	8,676.97	Yet to be started
7.	Commercial	-	11,6409.53	Yet to be started

- Green belt area for (50 m wide green belt) - 9452.41 m2
- Green belt (100 m wide green belt) - 14897.67 m2
- Green area of 39932.02 m2 is also proposed as dedicated green area (15.06% of Net Plot Area)

9- Recycled water discharge details be submitted with water balance:-

Particulars	Population	Rate of Fresh water LPCD	Fresh water required in (KLD)	Rate of Flushing water LPCD	Flushing/ Recycled water (KLD)	Total water (KLD)
Residential						
Group Housing	5100	65	331.5	21	107.10	438.6
Villas (Plot A+B)	6885	65	447.5	21	144.6	592.1
LIG/EWS						
LIG	1200	65	78	21	25.20	103.20
EWS	1200	65	78	21	25.20	103.20

Visitors (10%)	1500	5	7.5	10	15	22.5
Public & Semi-Public						
Nursery	500	5	2.5	10	5	7.5
Primary	500	5	2.5	10	5	7.5
Inter College	700	5	3.50	10	7	10.5
Aanganwadi	100	5	0.5	10	1	1.5
Other staff	250	30	7.5	15	3.75	11.3
Club & Community	50 Staff	30	1.5	15	0.75	2.3
centre	1000 Visitors	5	5	10	10	15.0
Commercial	2320	5	11.60	10	23.20	23.2
Health Centre	30 bed	340	10.2			10.2
Swimming Pool			10			10.0
			997.35		**362.80**	**1360**
Horticulture (@ 1 litre /Sqm 64282.1 m^2)					65	65
HVAC					100	100
Total Water Requirement					**528**	**1525**

Water/Waste Water Details	
Fresh Water for domestic uses	997 KLD
Flushing	363 KLD
Horticulture / Landscape	65 KLD
HVAC	100 KLD
Total Water Requirement	1525 KLD
Source of water - Ground Water Supply & treated recycled water	
Waste water - 1224 KLD STP Capacity - 1400 KLD (850KLD + 550 KLD)	

10- Solid waste Generation from the project

Particulars	Population	Norms (kg/day)	Total waste (kg/day)
Residential			
Group Housing	5100	0.5	2550
Villas	6885	0.5	3443
LIG/EWS	2400	0.5	1200
Visitors (10%)	1500	0.15	225
Public & Semi-Public			
Schools &Aanganwdi	1800	0.25	450
Community Center & Club	1000	0.25	250
Other staff	300	0.5	150
Horticulture waste		(@0.0037 kg/sq.m)	238
Total Municipal Solid Waste			8.6 TPD
e-waste		(0.15kg/capita/year)	5 Kg/day
Bio-medical waste (30 beds)		(@0.375kg/capita/day)	11.25 Kg/day
STP Sludge		40 kg per MLD	60 kg

11- Parking provision:-

Type of Facility	Permissible FAR	Norm	ECS Required	ECS Provided
Residential (Group Housing)	124509.36 m^2	1 ECS/ 80 m^2	1566	3091
(LIG/ EWS)	25,503.09 m^2	1 ECS/ 80 m^2	318	
Commercial	16227 m^2	1 ECS/ 50 m^2	325	
Public- Semi Public Facility	14700.7 x 3 = 44102 m^2	1 ECS/ 50 m^2	882	
Total			3091	3091

12- Power Requirement :-

Power requirement	~15 MW
Source of power and supply capacity	U.P Power Corporation Ltd.
Backup power supply arrangement	DG Sets 4×1250 KVA = 5000 KVA (33% of power requirement)

13- The project proposal fall under category 8(b) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee Meeting (SEAC) held on 26/12/2017 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held on 03/01/2018 decided to grant the Environmental Clearance for proposed project along with subject to the effective implementation of the following general and specific conditions:-

General Conditions:

1. It shall be ensured that all standards related to ambient environmental quality and the emission/effluent standards as prescribed by the MoEF are strictly complied with.
2. It shall be ensured that obtain the no objection certificate from the U P pollution control board before start of construction.
3. It shall be ensured that no construction work or preparation of land by the project management except for securing the land is started on the project or the activity without the prior environmental clearance.
4. The proposed land use shall be in accordance to the prescribed land use. A land use certificate issued by the competent Authority shall be obtained in this regards.
5. All trees felling in the project area shall be as permitted by the forest department under the prescribed rules. Suitable clearance in this regard shall be obtained from the competent Authority.
6. Impact of drainage pattern on environment should be provided.
7. Surface hydrology and water regime of the project area within 10 km should be provided.
8. A suitable plan for providing shelter, light and fuel, water and waste disposal for construction labour during the construction phase shall be provided along with the number of proposed workers.
9. Measures shall be undertaken to recycle and reuse treated effluents for horticulture and plantation. A suitable plan for waste water recycling shall be submitted.
10. Obtain proper permission from competent authorities regarding enhanced traffic during and due to construction and operation of project.
11. Obtain necessary clearances from the competent Authority on the abstraction and use of ground water during the construction and operation phases.
12. Hazardous/inflammable/Explosive materials likely to be stored during the construction and operation phases shall be as per standard procedure as prescribed under law, Necessary clearances in this regards shall be obtained.
13. Solid wastes shall be suitably segregated and disposed. A separate and isolated municipal waste collection center should be provided. Necessary plans should be submitted in this regards.
14. Suitable rainwater harvesting systems as per designs of groundwater department shall be installed. Complete proposals in this regard should be submitted.
15. The emissions and effluents etc. from machines, Instruments and transport during construction and operation phases should be according to the prescribed standards. Necessary plans in this regard shall be submitted.
16. Water sprinklers and other dust control measures should be undertaken to take care of dust generated during the construction and operation phases. Necessary plans in this regard shall be submitted.
17. Suitable noise abatement measures shall be adopted during the construction and operation phases in order to ensure that the noise emissions do not violate the prescribed ambient noise standards. Necessary plans in this regard shall be submitted.
18. Separate stock piles shall be maintained for excavated top soil and the top soil should be utilized for preparation of green belt.
19. Sewage effluents shall be kept separate from rain water collection and storage system and separately disposed. Other effluents should not be allowed to mix with domestic effluents.

20. Hazardous/Solid wastes generated during construction and operation phases should be disposed off as prescribed under law. Necessary clearances in this regard shall be obtained.
21. Alternate technologies for solid waste disposals (like vermin-culture etc.) should be used in consultation with expert organizations.
22. No wetland should be infringed during construction and operation phases. Any wetland coming in the project area should be suitably rejuvenated and conserved.
23. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Fully impermeable pavements shall not be constructed. Construction of pavements around trees shall be as per scientifically accepted principles in order to provide suitable watering, aeration and nutrition to the tree.
24. The Green building Concept suggested by Indian Green Building Council, which is a part of CII-Godrej GBC, shall be studied and followed as for as possible.
25. Compliance with the safety procedures, norms and guidelines as outlined in National Building Code 2005 shall be compulsorily ensured.
26. Ensure usage of dual flush systems for flush cisterns and explore options to use sensor based fixtures, waterless urinals and other water saving techniques.
27. Explore options for use of dual pipe plumbing for use of water with different qualities such as municipal supply, recycled water, ground water etc.
28. Ensure use of measures for reducing water demand for landscaping and using xeriscaping, efficient irrigation equipments & controlled watering systems.
29. Make suitable provisions for using solar energy as alternative source of energy. Solar energy application should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. Present a detailed report showing how much percentage of backup power for institution can be provided through solar energy so that use and polluting effects of DG sets can be minimized.
30. Make separate provision for segregation, collection, transport and disposal of e-waste.
31. Educate citizens and other stake-holders by putting up hoardings at different places to create environmental awareness.
32. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
33. Prepare and present disaster management plan.
34. The project proponents shall ensure that no construction activity is undertaken without obtaining pre-environmental clearance.
35. A report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy efficiency should be prepared incorporating details about building materials and technology, R & U Factors etc.
36. Fly ash should be used as building material in the construction as per the provision of fly ash notification of September, 1999 and amended as on August, 2003 (The above condition is applicable only if the project lies within 100 km of Thermal Power Station).
37. The DG sets to be used during construction phase should use low sulphur diesel type and should conform to E.P. rules prescribed for air and noise emission standards.
38. Alternate technologies to Chlorination (for disinfection of waste water) including methods like Ultra Violet radiation, Ozonation etc. shall be examined and a report submitted with justification for selected technology.
39. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.
40. The construction of the building and the consequent increased traffic load should be such that the micro climate of the area is not adversely affected.
41. The building should be designed so as to take sufficient safeguards regarding seismic zone sensitivity.
42. High rise buildings should obtain clearance from aviation department or concerned authority.

43. Suitable measures shall be taken to restrain the development of small commercial activities or slums in the vicinity of the complex. All commercial activities should be restricted to special areas earmarked for the purpose.
44. It is suggested that literacy program for weaker sections of society/women/adults (including domestic help) and under privileged children could be provided in a formal way.
45. The use of Compact Fluorescent lamps should be encouraged. A management plan for the safe disposal of used/damaged CFLs should be submitted.
46. It shall be ensured that all Street and park lighting is solar powered. 50% of the same may be provided with dual (solar/electrical) alternatives.
47. Solar water heater shall be installed to the maximum possible capacity. Plans may be drawn up accordingly ad submitted with justification.
48. Treated effluents shall be maximally reused to aim for zero discharge. Where ever not possible, a detailed management plan for disposal should be provided with quantities and quality of waste water.
49. The treated effluents should normally not be discharged into public sewers with terminal treatment facilities as they adversely affect the hydraulic capacity of STP. If unable, necessary permission from authorities should be taken.
50. Construction activities including movements of vehicles should be so managed so that no disturbance is caused to nearby residents.
51. All necessary statutory clearances should be obtained and submitted before start of any construction activity and if this condition is violated the clearance, if and when given, shall be automatically deemed to have been cancelled.
52. Parking areas should be in accordance with the norms of MOEF, Government of India. Plans may be drawn up accordingly and submitted.
53. The location of the STP should be such that it is away from human habilitation and does not cause problem of odor. Odorless technology options should be examined and a report submitted.
54. The Environment Management plan should also include the break up costs on various activities and the management issues also so that the residents also participate in the implementation of the environment management plan.
55. Detailed plans for safe disposal of STP sludge shall be provided along with ultimate disposal location, quantitative estimates and measures proposed.
56. Status of the project as on date shall be submitted along with photographs from North, South, West and East side facing camera and adjoining areas should be provided.
57. Specific location along with dimensions with reference to STP, Parking, Open areas and Green belt etc. should be provided on the layout plan.
58. The DG sets shall be so installed so as to conform to prescribed stack heights and regulations and also to the noise standards as prescribed. Details should be submitted.
59. E-Waste Management should be done as per MoEF guidelines.
60. Electrical waste should be segregated & disposed suitably as not to impose Environmental Risk.
61. The use of suitably processed plastic waste in the construction of roads should be considered.
62. Displaced persons shall be suitably rehabilitated as per prescribed norms.
63. Dispensary for first aid shall be provided.
64. Safe disposal arrangement of used toiletries items in Hotels should be ensured. Toiletries items could be given complementary to guests, adopting suitable measures.
65. Diesel generating set stacks should be monitored for CO and HC.
66. Ground Water downstream of Rain Water Harvesting pit nearest to STP should be monitored for bacterial contamination. Necessary Hand Pumps should be provided for sampling. The monitoring is to be done both in pre and post monsoon, seasons.
67. The green belt shall consist of 50% trees, 25% shrubs and 25% grass as per MoEF norms.
68. A Separate electric meter shall be provided to monitor consumption of energy for the operation of sewage/effluent treatment in tanks.
69. An energy audit should be annually carried out during the operational phase and submitted to the authority.

70. Project proponents shall endeavor to obtain ISO: 14001 certification. All general and specific conditions mentioned under this environmental clearance should be included in the environmental manual to be prepared for the certification purposes and compliance.
71. Environmental Corporate Responsibility (ECR) plan along with budgetary provision amounting to 2% of total project cost shall be submitted (within the month) on need base assessment study in the study area. Income generating measures which can help in up-liftment of weaker section of society consistent with the traditional skills of the people identified. The program me can include activities such as old age homes, rain water harvesting provisions in nearby areas, development of fodder farm, fruit bearing orchards, vocational training etc. In addition, vocational training for individuals shall be imparted so that poor section of society can take up self employment and jobs. Separate budget for community development activities and income generating programmers shall be specified. Revised ECR plan is to be submitted within 3 month. Failing which, the environmental Clearance shall be deemed to be cancelled.
72. Appropriate safety measures should be made for accidental fire.
73. Smoke meters should be installed as warning measures for accidental fires.
74. Plan for safe disposal of R.O reject is to be submitted.

SPECIFIC CONDITIONS:

1. The project proponent shall submit within the next 3 months the details of solar power plant and solar electrification details within the project.
2. The project proponent shall ensure to plant broad leave trees and their maintenance. The CPCB guidelines in this regard shall be followed.
3. The project proponent shall submit within the next 3 months the details on quantification of year wise CSR activities along with cost and other details. CSR activities must not be less 2% of the project cost. The CSR activities should be related to mitigation of Environmental Pollution and awareness for the same.
4. The project proponent shall submit within the next 3 months the details of estimated construction waste generated during the construction period and its management plan.
5. The project proponent shall submit within the next 3 months the details of segregation plan of MSW.
6. The project proponent shall engage the agency authorized by UPPCB for Bio-medical waste collection, transportation, disposal and treatment. The project proponent shall submit within the next 3 months the details of segregation and management plan of Bio-medical waste.
7. The project proponent shall ensure that waste water is properly treated in STP and reused maximum for gardening, flushing system etc. For reuse of water for irrigation sprinkler and drip irrigation system shall be installed and maintained for proper function.
8. The project proponent will ensure that proper dust control arrangements are made during construction and proper display board is installed at the site to inform the public the steps taken to control air pollution as per the Construction and Demolition Waste Management Rules.
9. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
10. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
11. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
12. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
13. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
14. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.

15. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
16. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
17. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
18. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
19. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
20. Corporate Social Responsibility (CSR) phase wise plan along with budgetary provision amounting to 2% of the total project cost shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith six monthly compliance reports.
21. No parking shall be allowed outside the project boundary.
22. Parking space for ambulances shall be exclusively earmarked.
23. Police post shall be provided near emergency.
24. Dedicated power supply to be installed in Operation Theater and other critical areas
25. Accommodation for attendants to be provided near indoor nursing wards.
26. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
27. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
28. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
29. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
30. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
31. 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. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
32. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
33. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
34. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
35. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.

36. Convenient shops, bank, canteen, post office and medicine shops etc to be provided with in complex.
37. RWH to be done only from root top. Arrangement shall be made that waste water and storm water do not get mixed.
38. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
39. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
40. All the internal drains are to be covered till the disposal point.
41. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.

No construction/operation is to be started without obtaining Prior Environmental Clearance. Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.

This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Lucknow In case of violation; it would not be effective and would automatically be stand cancelled.

The project proponent has to ensure that the proposed site in not a part of any no- development zone as required/prescribed/indentified under law. In case of the violation this permission shall automatically deemed to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this Clearance shall automatically deemed to be cancelled.

The project proponent has to mandatorily submit the compliance of specific conditions no- 1, 3, 4 & 5 given in E.C. letter within 3 months, falling which the Clearance shall automatically deemed to be cancelled.

Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as Amended).

These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereafter.

(Ashish Tiwari)
Member Secretary, SEIAA

No...../Parya/SEAC/3640/2016 Dated: As above

Copy with enclosure for Information and necessary action to:

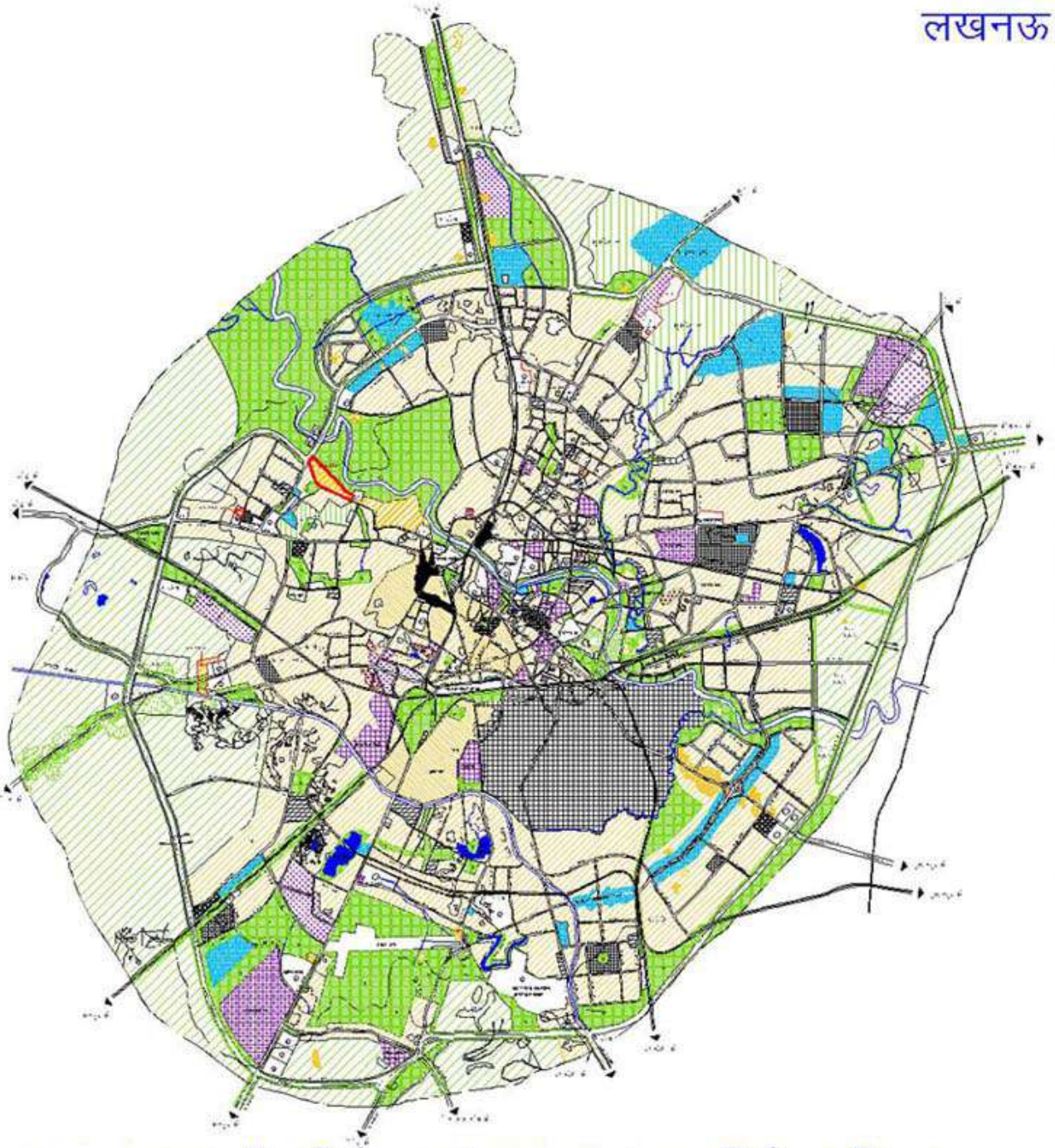
1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Lucknow.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

Annexure - V

लखनऊ महायोजना –2021

प्रस्तावित भू– उपयोग संकेतिका



लखनऊ सम्भागीय नियोजन खंड नगर एवं ग्राम नियोजन विभाग

उत्तर –प्रदेश

Annexure - VI

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC031300

VALID FROM 16/07/2021 TO 15/07/2026

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202106000399			
Name of the Owner	MOHD KAREEM FAROOQUI		
Designation **पद**	Senior Vice President	**Company Name** **कंपनी का नाम**	Shalimar KSMB Projects
Company Address **कंपनी का पता**	Titanium Shalimar Corporation Park, Vibhuti Khand,	**Authorization Letter** **प्राधिकार पत्र**	Download
Address of the Applicant	Shalimar GARDEN Bay,Hardoi -Sitapur LinkRoad,Lucknow,U.P	**Application Form Serial No.**	LKNW0621NIF0016
Date of Submission	17/06/2021	**Specimen Signature**	
Location Particulars			
District	Lucknow	**Block**	CHINHAT
Plot No./Khasra No.	Garden Bay, Vill-Ghaila and Alinagar	**Municipality/Corporation**	No
Ward No./Holding No.			Block – Chinhat, District – Lucknow UP
Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	20/12/2018		
Type of Well	Tube Well/Boring	**Depth of the Well (In meter)**	100.00
Purpose of well	Infrastructural	**Assembly Size(For Tube Well)**	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	**H.P. of the Pump**	7.50
Operational Device	Electric Motor	**Rate of Withdrawal (m^3/hr.)**	42.00
Date of Energization (In Case of Electric Pump)		25/12/2018	

Maximum Allowable Rate of Withdrawal (m^3/hr.):	42.00	**Maximum Allowable Running Hours Per Day:**	4.00
Maximum Allowable Annual Extraction of Ground Water:			61320

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

  - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4” to 6”.
  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :**08/11/2021**

Place:**Lucknow**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC042085

VALID FROM 16/07/2021 TO 15/07/2026

Name of the Applicant	MOHD KAREEM FAROOQUI		
Address of the Applicant:	Shalimar GARDEN Bay,Hardoi -Sitapur LinkRoad,Lucknow,U.P		
Company Name:	Shalimar KSMB Project	**Company Address**	Titanium Shalimar Corporation Park, Vibhuti Khand,
Serial No. of Application Form	LKNW0621NIF0017	**Date of Submission**	18/06/2021
Specimen Signature of the User:			
Location particulars:			
District	Lucknow	**Block**	CHINHAT
Plot No.	Garden Bay, Vill-Ghaila and Alinagar		
Municipality/Corporation	No	**Ward No.**	Block – Chinhat, District – Lucknow UP
Holding No.			Block – Chinhat, District – Lucknow UP
Rate of Withdrawal (m^3/hr.)	45.00	**Date of Energization (In Case of Electric Pump)**	07/06/2020
Particular of the Proposed Well and Pumping Device			
Type of the Well	Tube Well/Boring	**Purpose of the Well**	Infrastructural
Assembly Size (For Tube Well)	0.00	**Approx. Strainer Length (For Tube Well)**	0.00
Diameter (For Dug Well)	0.00	**Type of Pump to be Used:**	Submersible
H.P. of the Pump:	7.50	**Operational Device**	Electric Motor
Maximum Allowable Rate of Withdrawal (m^3/hr.):	45.00	**Maximum Allowable Running Hours Per Day:**	3.00
Maximum Allowable Annual Extraction of Ground Water:			49275

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

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  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
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1	< 10	0	0	0
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3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.
  - A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
  - Any other site specific requirement regarding safety and access for measurement may be taken care of.
- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.

- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :**08/11/2021**

Place:**Lucknow**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC038400

VALID FROM 16/07/2021 TO 15/07/2026

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202106000418			
Name of the Owner	MOHD KAREEM FAROOQUI		
Designation **पद**	Senior Vice President	**Company Name** **कंपनी का नाम**	Shalimar KSMB Project
Company Address **कंपनी का पता**	Titanium Shalimar Corporation Park, Vibhuti Khand,	**Authorization Letter** **प्राधिकार पत्र**	Download
Address of the Applicant	Shalimar GARDEN Bay,Hardoi -Sitapur LinkRoad,Lucknow,U.P	**Application Form Serial No.**	LKNW0621NIF0015
Date of Submission	18/06/2021	**Specimen Signature**	
Location Particulars			
District	Lucknow	**Block**	CHINHAT
Plot No./Khasra No.	Garden Bay, Vill-Ghaila and Alinagar	**Municipality/Corporation**	No
Ward No./Holding No.			Block – Chinhat, District – Lucknow UP
Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	20/06/2018		
Type of Well	Tube Well/Boring	**Depth of the Well (In meter)**	100.00
Purpose of well	Infrastructural	**Assembly Size(For Tube Well)**	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	**H.P. of the Pump**	7.50
Operational Device	Electric Motor	**Rate of Withdrawal (m^3/hr.)**	42.00
Date of Energization (In Case of Electric Pump)		23/06/2018	

Maximum Allowable Rate of Withdrawal (m^3/hr.):	42.00	**Maximum Allowable Running Hours Per Day:**	4.00
Maximum Allowable Annual Extraction of Ground Water:			61320

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

  - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4” to 6”.
  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :**08/11/2021**

Place:**Lucknow**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC021138

VALID FROM 16/07/2021 TO 15/07/2026

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202106000429			
Name of the Owner	MOHD KAREEM FAROOQUI		
Designation **पद**	Senior Vice President	**Company Name** **कंपनी का नाम**	Shalimar KSMB Project
Company Address **कंपनी का पता**	Titanium Shalimar Corporation Park, Vibhuti Khand,	**Authorization Letter** **प्राधिकार पत्र**	Download
Address of the Applicant	Shalimar GARDEN Bay,Hardoi -Sitapur LinkRoad,Lucknow,U.P	**Application Form Serial No.**	LKNW0621NIF0018
Date of Submission	18/06/2021	**Specimen Signature**	
Location Particulars			
District	Lucknow	**Block**	CHINHAT
Plot No./Khasra No.	Garden Bay, Vill-Ghaila and Alinagar	**Municipality/Corporation**	No
Ward No./Holding No.			Block – Chinhat, District – Lucknow UP
Particular of the Proposed Well and Pumping Device			
Date of Construction/Sinking of the Well	23/04/2021		
Type of Well	Tube Well/Boring	**Depth of the Well (In meter)**	100.00
Purpose of well	Infrastructural	**Assembly Size(For Tube Well)**	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	**H.P. of the Pump**	7.50
Operational Device	Electric Motor	**Rate of Withdrawal (m^3/hr.)**	40.00
Date of Energization (In Case of Electric Pump)		26/04/2021	

Maximum Allowable Rate of Withdrawal (m^3/hr.):	40.00	**Maximum Allowable Running Hours Per Day:**	3.00
Maximum Allowable Annual Extraction of Ground Water:			43800

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

  - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4” to 6”.
  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :**08/11/2021**

Place:**Lucknow**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC011654

VALID FROM 16/07/2021 TO 15/07/2026

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202106000430			
Name of the Owner	MOHD KAREEM FAROOQUI		
Designation **पद**	Senior Vice President	**Company Name** **कंपनी का नाम**	Shalimar KSMB Projects
Company Address **कंपनी का पता**	Titanium Shalimar Corporation Park, Vibhuti Khand,	**Authorization Letter** **प्राधिकार पत्र**	Download
Address of the Applicant	Shalimar GARDEN Bay,Hardoi -Sitapur LinkRoad,Lucknow,U.P	**Application Form Serial No.**	LKNW0621NIF0019
Date of Submission	18/06/2021	**Specimen Signature**	
Location Particulars			
District	Lucknow	**Block**	CHINHAT
Plot No./Khasra No.	Garden Bay, Vill-Ghaila and Alinagar	**Municipality/Corporation**	No
Ward No./Holding No.			Block – Chinhat, District – Lucknow UP
Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	01/05/2019		
Type of Well	Tube Well/Boring	**Depth of the Well (In meter)**	100.00
Purpose of well	Infrastructural	**Assembly Size(For Tube Well)**	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	**H.P. of the Pump**	7.50
Operational Device	Electric Motor	**Rate of Withdrawal (m^3/hr.)**	45.00
Date of Energization (In Case of Electric Pump)		05/06/2019	

Maximum Allowable Rate of Withdrawal (m^3/hr.):	45.00	**Maximum Allowable Running Hours Per Day:**	4.00
Maximum Allowable Annual Extraction of Ground Water:			65700

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

  - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4” to 6”.
  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :**08/11/2021**

Place:**Lucknow**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC049319

VALID FROM 16/07/2021 TO 15/07/2026

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202106000432			
Name of the Owner	MOHD KAREEM FAROOQUI		
Designation **पद**	4127-1905-2654	**Company Name** **कंपनी का नाम**	Shalimar KSMB Projects
Company Address **कंपनी का पता**	Titanium Shalimar Corporation Park, Vibhuti Khand,	**Authorization Letter** **प्राधिकार पत्र**	Download
Address of the Applicant	Shalimar GARDEN Bay,Hardoi -Sitapur LinkRoad,Lucknow,U.P	**Application Form Serial No.**	LKNW0621NIF0020
Date of Submission	18/06/2021	**Specimen Signature**	
Location Particulars			
District	Lucknow	**Block**	CHINHAT
Plot No./Khasra No.	Garden Bay, Vill-Ghaila and Alinagar	**Municipality/Corporation**	No
Ward No./Holding No.			Block – Chinhat, District – Lucknow UP
Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	12/07/2018		
Type of Well	Tube Well/Boring	**Depth of the Well (In meter)**	100.00
Purpose of well	Infrastructural	**Assembly Size(For Tube Well)**	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	**H.P. of the Pump**	7.50
Operational Device	Electric Motor	**Rate of Withdrawal (m^3/hr.)**	42.00
Date of Energization (In Case of Electric Pump)		14/07/2018	

Maximum Allowable Rate of Withdrawal (m^3/hr.):	42.00	**Maximum Allowable Running Hours Per Day:**	3.00
Maximum Allowable Annual Extraction of Ground Water:			45990

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

  - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4” to 6”.
  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :**08/11/2021**

Place:**Lucknow**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT
(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC023257

VALID FROM 16/07/2021 TO 15/07/2026

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202106000434			
Name of the Owner	MOHD KAREEM FAROOQUI		
Designation **पद**	Senior Vice President	**Company Name** **कंपनी का नाम**	Shalimar KSMB Projects
Company Address **कंपनी का पता**	Titanium Shalimar Corporation Park, Vibhuti Khand,	**Authorization Letter** **प्राधिकार पत्र**	Download
Address of the Applicant	Shalimar GARDEN Bay,Hardoi -Sitapur LinkRoad,Lucknow,U.P	**Application Form Serial No.**	LKNW0621NIF0021
Date of Submission	18/06/2021	**Specimen Signature**	
Location Particulars			
District	Lucknow	**Block**	CHINHAT
Plot No./Khasra No.	Garden Bay, Vill-Ghaila and Alinagar	**Municipality/Corporation**	No
Ward No./Holding No.			Block – Chinhat, District – Lucknow UP
Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	11/07/2018		
Type of Well	Tube Well/Boring	**Depth of the Well (In meter)**	100.00
Purpose of well	Infrastructural	**Assembly Size(For Tube Well)**	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	**H.P. of the Pump**	7.50
Operational Device	Electric Motor	**Rate of Withdrawal (m^3/hr.)**	42.00
Date of Energization (In Case of Electric Pump)		21/11/2018	

Maximum Allowable Rate of Withdrawal (m^3/hr.):	42.00	**Maximum Allowable Running Hours Per Day:**	3.00
Maximum Allowable Annual Extraction of Ground Water:			45990

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
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- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

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1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :**09/11/2021**

Place:**Lucknow**

This certificate is electronically generated and does not require digital signature

Annexure - VII

BILL TRACKER SHEET

CONTRACTOR NAME - :Rama Shankar
WORK ORDER NUMBER - :33WOJ/0000524-25
BILL NUMBER : 1st RA
MONTH / PERIOD : Jan-24 to May-24

Sr. No	Description	RECEIVED BY			Signature	REMARKS
		Name	Date	Time		
1	BILLS RECEIVED By Maintainace Head	ABHAY KR.	13/06/24	14:32		
2	BILLS RECEIVED By Billing Team/ERP	~~ABHAY KR~~ Gautam Shukla	13/06/24	15:32		
3	BILLS RECEIVED By Billing Team/Head	Manoj Srivastava.	15/06/24	10:30AM		
4	BILLS RECEIVED By Project Head					
5	BILL RECEIVED BY PLANNING DEPT.					
6	BILL RECEIVED BY HR DEPT.					
7	BILL FORWARDED TO ACCOUNTS					
8	BILL FORWARDED TO KSMB					

IF CORRECTION IS REQUIERED AND SENT BACK AT ANY LEVEL KINDLY MENTION BELOW

S.NO	BRIEF OF CORRECTION REQUIRED	SENT BACK ON DATE	RECEIVED BY	DATE	TIME	SIGNATURE	REMARKS
1							
2							
3							
4							

NOTE - THIS PAGE SHALL BE ATTACHED WITH BILL ON THE TOP AT ALL TIME.

RA BILLS CHECKLIST

Checklist Sr. No.

RA Bill No. 1st RA

Contractor Name :Rama Shankar

S. No.	Particulars	Status Yes/No/ NA	Remarks	Response
1	Billing Address should be of Project/ Site along with correct Company's Name	Yes		
2	RA Bill/Invoice No with Date	Yes		
3	Tender/ W.O. Reference No on RA Bill	Yes		
4	Period of the Bill/ work done taken upto	Yes		
5	Shalimar's GSTIN (State wise as per Project/ Site Address)	Yes		
6	Contractor's GSTIN (State wise as per Project/ Site Address)	Yes		
7	Correct PAN mentioned on the RA Bill			
8	EPF/ ESI Registration No mentioned.			
9	EPF/ESI challans for registered contractors/ Muster Roll details for unregistered contractors			
10	IGST/CGST & SGST amount (If applicable- for Finance & Accounts Dept.)			
11	Quantities billed verified with Measurement Sheet	Yes		
12	Summary of Quantities indicating FOC Material issued to contractors and Reconciliation. Compare material issues recorded on software with the consumption statement			
13	Invoice/ Challan with Shalimar Gate Entry, in and out time along with signature for Secured Advance (in case of labor plus material contractors)			
14	Consumption Statement of Cement and Steel	NA		
15	Check Opening Balances of RA Bill from the Previous RA Bill	Yes		
16	Rates verified with the correctly tagged WO	Yes		
17	Signed Testing Certificate/ make confirmation (if applicable/required)			
18	Warranty, NOC, License, AS Built Drawings etc. as per Tender/ WO Clause			
19	TDS appropriately deducted & advance adjusted (If applicable- for Finance & Accounts Dept.)			
20	Bank Guarantee against Mobilization Advance as per contract (If applicable- for Finance & Accounts Dept.)			
21	Performance Bank Guarantee, Insurance for work etc. (If applicable- for Finance & Accounts Dept.)			
22	Date of Completion (Applicable in case of Final Bill)	NA		
23	Operation and Maintenance Manual if any (Applicable in case of Final Bill)	NA		
24	Completion Certificate as per Contract (Applicable in case of Final Bill)	NA		
25	(a) Credit Note if applicable/required- Whether Received? (In case of recoveries debited for registered contractor)(b) Debit Note in case of unregistered contractor			
26	Entry correctly recorded in Farvision (for Finance & Accounts Dept.)			

(Signature of Verifying Person from Billing Dept.) (Signature of Verifying Person from Accounts & Finance Dept.)

07/06/24

Bill Summary			
S.No.	Particular		
1	NAME OF WORK	:Collection of Household Garbage & Horticulture Waste:Garden Bay-whole areas	
2	NAME OF CONTRACTOR	:Rama Shankar	
3	WORK ORDER DATE	17-04-24	
4	DATE OF START	-	
5	DATE OF COMPLETION AS PER WORK ORDER	-	
6	ACTUAL DATE OF COMPLETION	-	
7	AMOUNT AS PER WORK ORDER	₹	120,000.00
8	AMOUNT AS PER BILLS	₹	50,000.00
9	**ADJUSTMENT OF RATES**		
	COARSE SAND	Not Applicable	
	FINE SAND	Not Applicable	
	OTHER	Not Applicable	
10	**RECONCILATION OF MATERIAL (Wastage %)**		
	CEMENT	Not Applicable	
	COARSE SAND	Not Applicable	
	MS BAR	Not Applicable	
	EMPTY CEMENT BAG	Not Applicable	
	RMC, M-10	Not Applicable	
	RMC	Not Applicable	
		-	
11	ANY VARIATION FROM WORK ORDER	-	
12	REMARKS	-	

SHALIMAR KSMB PROJECTS

TITANIUM,CORPORATE PARK, VIBHUTI KHAND,, LUCKNOW, UTTAR PRADESH, INDIA, PIN Code:226010

BILL CERTIFICATE

Business Unit : GARDEN BAY
Address : SITAPUR HARDOI LINK ROAD, LUCKNOW, LUCKNOW, UTTAR PRADESH, INDIA, PIN Code:226020
GSTIN : 09ACFFS5832H1ZV, **GST Location :** UTTAR PRADESH

Rama Shankar Tiwari Dadi Kheda, Ghadnag **PAN** HCSPS0825J **GSTIN** UnRegistered	**Document No.** SBGB/0083/24-25 **Document Date** 07/06/2024 **Work Order No** 33WOJ/0083/24-25 **Order Amount** 125000.00 **Work Done No** 33WDN/0083/24-25 **Billing Type** Sub-Bill 1 **Sub Project** ExtDev SHALIMAR KSMB PROJECT
Party Inv No. 01 **Party Inv. Date** 07/06/2024 **Due Date** 21/06/2024	

Work Detail : Collection work of household garbage & horticulture waste at garden bay

Billing Term	Remarks	Rate (%)	Accountable Amount (Rs.)	Upto Previous Bill Amount (Rs.)	This Bill Amount (Rs.)	Cumulative Bill Amount (Rs.)
BASIC		0.00	0.00	0.00	50000.00	50000.00
Gross		0.00	50000.00	0.00	50000.00	50000.00
TDS	TDS ON CONTRACTORS	1.00	50000.00	0.00	500.00	500.00
Net		0.00	49500.00	0.00	49500.00	49500.00
Document Hold Amount					0.00	
Net Payable Amount					49500.00	

Amount In Words : Rupees Forty Nine Thousand Five Hundred Only

Narration :

15/06/24

Prepared By	Checked By	Recommended By	Authorised By
07/06/24	15/6/24		

Remark : By Auditor	Remark : By Contracts Department
Auditor Sign & Stamp	**For Account Department**
Signed By	Verified By

Bill Invoice - 1
Rama Shankar Tiwari Enterprises

Date: 07/06/24

Address: Shalimar KSMB Maintenance , IIM Road, Lucknow
Party Name: 11th Floor, Titanium, Vibhuti Khand, Lucknow

Sr.	Particulars	Qty.	Rate	Amount
1.	Solid Waste User Charges from 01.01.2024 to 31.05.2024 for five working months	1	10,000/-	50,000.00
	Total			50,000.00

Rupees Fifty Thousand Only

Rama Shankar
Bank of Baroda
Acc No. 55540100003650
IFSC- BARB0PURWAX
Mobile No. 8853300890

Verified by
[illegible]
DGM (IKB)
Date 07/06/24

RAMA SHANKAR TIWARI
ENTERPRISES
Add : Shiv Vihar, Talbagh,
Lucknow - 226025

[illegible]

Abstract Sheet

Agency :Rama Shankar
Work :Collection of Household Garbage & Horticulture Waste
Structure :Garden Bay-whole areas
Work OrderNo :33WOJ/0000524-25
Bill No. 1st RA 07-06-24

Sl. No.	Description	Unit	Rate	LOI Qty	Quantity			Amount (Rs)			Remark
					Previous	This	Upto Date	Previous	This	Upto Date	
1	Collection charges of household garbage -Upto 50 families	Months	8,000.00	12.00	-	5.000	5.000	-	40,000.00	40,000.00	
2	Collection charges of Horticulture Waste-Upto 50 families	Months	2,000.00	12.00	-	5.000	5.000	-	10,000.00	10,000.00	
							Total=(A)	-	50,000.00	50,000.00	
B	Deduction						TDS @ 1.00% of (A)=	-	500.00	500.00	
							Payable Amount(A-B)=	-	49,500.00	49,500.00	
							Say=		₹ 49,500		
	(Rupees Forty Nine Thousand Five Hundred Only)										

15/06/24

Project Heal

Billing Head

13/06/24

Maintainance Head

Agency

07/06/24

Measurement Sheet

Agency :Rama Shankar
Work :Collection of Household Garbage & Horticulture Waste
Project :Garden Bay, IIM-Road, Ghaila, Lucknow
Work Order No. :33WOI/0000524-25
Bill No. 1st RA 07-06-24

SL NO	Description	NO			Month	Total (Month)	Remark
1	Collection charges of household garbage -Upto 50 families						
i	Jan-24	1x1			1.00	1.000	
ii	Feb-24	1x1			1.00	1.000	
iii	Mar-24	1x1			1.00	1.000	
iv	Apr-24	1x1			1.00	1.000	
v	May-24	1x1			1.00	1.000	
					Total=	5.000	Month
					Previous Qty =	-	Month
					This Bill Qty =	5.000	Month
2	Collection charges of Horticulture Waste-Upto 50 families						
i	Jan-24	1x1			1.00	1.000	
ii	Feb-24	1x1			1.00	1.000	
iii	Mar-24	1x1			1.00	1.000	
iv	Apr-24	1x1			1.00	1.000	
v	May-24	1x1			1.00	1.000	
					Total=	5.000	Month
					Previous Qty =	-	Month
					This Bill Qty =	5.000	Month

Billing Head 15/06/24

Maintainance Head 13/06/24

Agency

07/06/24

Garden BAY
EASY TO OWN LUXURY

WORK ORDER

To,
Rama Shankar
Badi Kheda, PO- Bhadrag Purwa, Dist. Unnao
Uttar Pradesh-209825
PAN NO:HCSPS0825J
Contact Person- Mr. Rama Shankar
MOB- 8853300890

Date-17-04-24

Work Order Period:- 01 Jan. 2024 to 31 Dec. 2024

Subject :-Collection Work of Household Garbage & Horticulture Waste at Shalimar KSMB Project (GARDEN BAY),Lucknow.

Dear Sir,

With reference to your offer and subsequent negotiation for Collection Work of Household Garbage & Horticulture Waste at Shalimar KSMB Project (GARDEN BAY), Lucknow for which labour rates are approved as under:-

Sl. No	Descriptions	Unit	Rate (Rs)	Duration (months)	Amount (Rs)	Remark
A	Upto 50 Families					
1	Household Garbage collection Charges	Nos.	8,000.00	12.00	96,000.00	
2	Horticulture Waste collection Charges	Nos.	2,000.00	12.00	24,000.00	
					120,000.00	

BILLING ADDRESS (In Favour of) - SHALIMAR KSMB PROJECT GARDEN BAY 11TH FLOOR TITANIUM BUILDING VIBHUTI KHAND GOMTI NAGAR LUCKNOW.
Company G.S.T Number-09ACFPS5832H1ZV

Terms & Conditions :-

1. You will ensure regular collection of trash/ waste & Horticulture waste generated in Township.
2. Collection will be done in all days excluding Sunday. (26 days in a month).
3. You will not be responsible for the waste lying other than collection point of Township.
4. You will be responsible for scientifically disposal of waste according to guidelines issued by authorize govt body/UPPCB.
5. Any violation & unscientifically disposal of waste & responsibility will lies with you.

For Shalimar KSMB Projects

Dy M. Cor. 17/04/24

(Authorised Signatory)
Date

Accepted by

Rama Shankar

Sign
Date

Enclosure
1 Quotation by Rama Shankar

15/6/24

SHALIMAR | KSMB

Shalimar KSMB Projects
Titanium Shalimar Corporate Park, Vibhuti Khand,
Gomti Nagar, Lucknow-226 010
Tel.: +91 522 4030444
www.shalimarcorp.com | www.ksmb.in

Annexure - VIII

Dust Dispersion Measures

WATER SPRINKLER TANK

ANTI - SMOG GUN

Annexure - IX

Plantation Photographs

Nome of Plants	Number of Plants
Himeliya	150000
Enarmi	100000
Calendra	60000
Licofiliam	15000
Golden Bambu	20000
Nana Bans	25000
Ticoma	10000
Boganbeliya	5000
Galpiniya	10000
Forbiya	80000
Spider Lili	200000
Gandhraj	3000
Pinestham	5000
Gudhal	25000
Dorenta	7000
Safed Chandani	4000
Elbenda	4000
Sanga Of Indi	4000
Total	**7,27,000**

रेजनाल्ड - 300
नीम - 200
चम्पा - 160
टाइबुरिया - 180
मोन्टाली - 70
पौक्स - 430
गुलमोहर - 85
वाटल पाम - 130
फोस्टियल - 60
स्पेथोडिया - 310
सिल्वरराॅक - 480
ग्राम - 85
टोपेरी - 20
कुरेजिया - 60
कचनार - 180
कनेर - 130
पाइन - 90

अमलतास - 460
ट्रेन्ट्री - 30
कैकमरोपेरी - 20
एरिका - 210
रेकिर - 160
Extra - 230
पटुपाम - 90
कैजुरेना - 20

Annexure - X

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Mohd. Kareem Farooqui Director of M/s Shalimar KSM

Date: 20-01-2016

Titanium Block Shalimar
Corporate Park Vibhuti Khand
Gomti Nagar Lucknow

System Generated Auto Assessment for Height Clearance

1. Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR 751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations has assessed the site data filled by the applicant.

2. Assessment details for Height Clearance:

NOCID :	**LUCK/NORTH/B/012016/109551**
Applicant Name :	**Brijesh Kumar Sharma**
Type of Structure :	**Building**
Site Address :	**Garden Bay**
Site Coordinates :	**80 52 59-26 55 22, 80 53 00-26 55 24, 80 53 05-26 55 14, 80 53 05-26 55 20, 80 53 06.0-26 55 14.0,**
Site Elevation AMSL in Mtrs as Submitted by Applicant:	**111 M**

Your site is located at a distance 17820 mts from ARP and lies in the grid F13 of the published CCZM of Lucknow airport. The Permitted top elevation for this grid is 270 mts.

Since the requested top elevation 155 mts in AMSL is below CCZM permitted top elevation, the NOC for height clearance is not required from Airports Authority of India.

3. This assessment is subject to the terms and conditions as given below:

a. The site-elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation for the proposed structure. If,however, at any stage it is established that the actual data is different from the one, provided by the applicant, this NOC will become invalid.

b. The assessment is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including the Aircraft(Demolition of Obstruction caused by Buildings and Trees etc.) Rules,1994.

c. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This assessment for height is to ensure the safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

d. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.

राजीव गांधी भवन सफदरजंग हवाई अड्डा नई दिल्ली-110003 दूरभाष : 24632950
Rajiv Gandhi Bhawan Safdarjung Airport, New Delhi-110003 Phone: 24632950

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

This assessment is system auto generated and thus does not require any signature

Designated Officer

Region Name: NORTH

Address: General Manager Airports Authority of India, Regional Headquarter, Northern Region, Operational Offices, Gurgaon Road, New Delhi-110037

Email ID: noc_nr@aai.aero

Contact No: 011-25653551

Annexure - XI

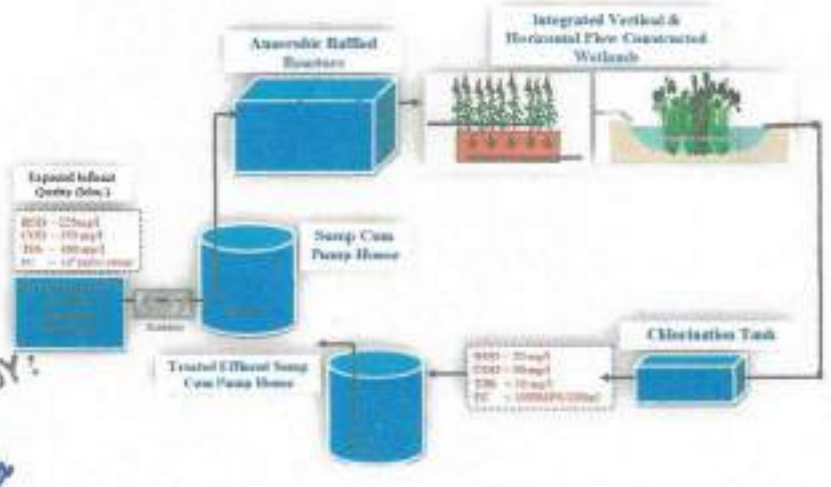
Lucknow Development Authority

Lucknow

A REPORT ON

850 KLD SEWAGE TREATMENT PLANT AT SHALIMAR-KSMB GARDEN BAY

Hardoi Link Road, Lucknow



Flow Scheme of the STP at Garden Bay, Lucknow

CHECKED & VETTED BY :

Nadeem Khalil, Ph.D.
Professor
Environmental Engineering Section
Department of Civil Engineering
Z.H. College of Engg. & Technology
Aligarh Muslim University
Aligarh-202002 (U.P.) INDIA

A project by:

SHALIMAR KSMB PROJECTS

SHALIMAR TITANIUM
VIBHUTI KHAND GOMTI NAGAR
LUCKNOW -226010

Technical Consultants

UrbanPlan Consulting & Engg. Pvt. Ltd.
106, 107 Nikhat Plaza
Centre Point Complex, Samad Road
ALIGARH 202001 UP
Email: urbanplanpvtltd@gmail.com

Table of Content

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Environmental Engineering Section
Department of Civil Engineering
Z.H. College of Engg. & Technology
Aligarh Muslim University
Aligarh-202002 (U.P.) INDIA

List of Abbreviations

ABR	Anaerobic Baffled Reactor
BOD	Biochemical Oxygen Demand
CPHEEO	Central Public Health & Environmental Engg. Organization
COD	Chemical Oxygen Demand
CWs	Constructed Wetlands
FC	Fecal Coliform
GoUP	Government of Uttar Pradesh
HDPE	High-Density Polyethylene
HF-CW	Horintal Flow Wetlands
KLD	Kilo Litres Per Day
KV	Kilo Volts
KW	Kilo-Watts
LPCD	Litres Per Capita per Day
MS	Mild Steel
MPN	Most Probable Number
O & M	Operation and Maintenance
RCC	Reinforced Cement Concrete
SPS	Sewage Pumping Station
STP	Sewerage Treatment Plant
TSS	Total Suspended Solids
TKN	Total Kjeldahl Nitrogen
TP	Total Phosphorus
VF-CW	Vertical Flow Wetlands

CHECKED & VETTED BY:-

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1. About the Project

SHALIMAR KSMB GARDEN BAY, a 72 Acre Township having villas, apartments, plots, and group-housing shall house an estimated 1000+ Families. It is a Real Estate Project on a JV basis by the Shalimar Corp. Ltd & KSM Bashir Mohd. & Sons at Hardoi Link Road, Lucknow. The project was started in early 2014 and about to be completed by 2019. Both the firms are one of the leading companies in the Real-estate sector that believes in delivering quality work and are always committed for the conservation of natural resources and environment.

Taking into consideration this fundamental ethics of the JV, comply regulatory norms, and more importantly, the need of today's growing environmental challenges, following are some of the measures that have been taken to address the environment and conservation of natural resources in their project on a sustainable approach basis. The foremost aspect of any housing project is to deal with efficiently the wastewater, its reuse after proper treatment, and rain water harvesting system.

2. Sewage Treatment Plant

2.1 Wastewater Flow

The capacity of the SEWAGE TREATMENT PLANT (STP) at the Garden Bay Housing Project has been evaluated based on the wastewater flow that shall be generated cumulatively from the villas, apartments and individual dwellings/plots and other utilities. The details of the houses/families in different phases of the project are given in **Table 1.**

As per the LDA norms and guidelines of the CPHEEO, the average water supply rate is taken as 130lpcd for cities having population more than 10 lacs.

Table 1: Details of the Villas, Plots, Apartments and others

S.No.	Type	Number	Persons
1	Villas Phase-I	340	1700
2	Villas Phase-II	200	1000
3	Villas Phase – III	70	350
4	Individual Plots	115	575
5	Flats in the High Rise Building	463	1510
6	LIG	114	570
7	EWS	114	570
	Total		**7080**
8	Water Supply Rate, lpcd	130	
9	Interception Factor	0.75	
	Total Wastewater Flow		**690 KLD**

The STP has been designed to cater population upto 8000 which may generate flow of 780 KLD. However, the plant has been designed for 850KLD of flow, with population equivalent to 8700.

2.2 Philosophy of the Technology Choice

The corner-stone of our philosophy towards the technology choice is its SUSTAINABILITY. We believe that any developmental project should address the green concept and must be sustainable concerning its longevity, hassle-free operation & maintenance and make a more societal impact.

The domestic wastewater (sewage) within the Garden Bay housing complex from its different households shall flow into the underground sewerage network. It will collect and convey the entire sewage at one point/place where the facility for its treatment is provided. The

CKED & VETTED BY:

underground sewerage network has been designed and laid in such a way that the pumping is minimally required.

The technology for sewage treatment plant at Garden Bay has been decided after careful considerations and due diligence. It is the state-of-the-art **"Wetlands"** technology that has been adopted for this STP. This concept of Wetlands Technology is eco-friendly, sustainable, and already proven in many countries, including India. The Wetlands Technology is highly-efficient, produces high effluent quality effluent, requires no energy and offers hassle-free operation and maintenance. It doesn't produces any kind of odor or vectors. Instead, it gives a very nice aesthetic view and landscape.

In India, AMU, NEERI, and other technical institutions have done remarkable achievements in this field. In one of the major R&D projects "SWINGS" under Indo-Euro Water Technology Programme (FP7 Framework) supported by the Government of India and European Commission, UPPL was also involved as SME partners wherein Wetlands Technology for municipal wastewater treatment, reuse and recycle. This project has successfully demonstrated the modified concept of wetlands technology at AMU Aligarh.

2.3 Design Approach

The design of the Sewage Treatment Plant at Garden Bay has been carried out while keeping the aim to fully use the treated water for gardening, toilet flushing, and horticulture. The landscape/ green area of the Garden Bay is approx 24 acres, which according to the estimate may consume 50-60% of the recycled water from the sewage treatment plant. About 20-30 % shall be used in group housing for the toilet flushing system. The remaining 10-20 %, shall be used in water bodies, cleaning of roads/pedestrians, automobile washing and other site related activities during the construction of the second phase.

2.4 Details of the STP

The flow rate and wastewater quality are the prime design considerations for any STP. Based on the similar townships completed by Shalimar Group and information gathered from various sources, **Table 2** gives the wastewater quality that has been used for the design purpose.

Table 2: Wastewater Flow and Characteristics for design purpose

Parameter	Value
Flow, KLD	850
BOD, mg/l	225
COD, mg/l	350
TSS, mg/l	400
Feacal Coliform, MPN/100ml	2.3×10^6

Treated Effluent:

BOD	< 10 mg/l
TSS	< 20 mg/l
Feacal Coliform	< 1000 MPN/100ml

The treatment units at Garden Bay are:

1. Screens
2. Sump Cum Pump House
3. Anaerobic Baffled Reactors
4. Vertical Flow Constructed Wetlands
5. Horizontal Flow Constructed Wetlands
6. Chlorination Tank
7. Treated Effluent Sump Cum Pump House

The flow diagram of the STP at Garden Bay is given in **Figure 1.**

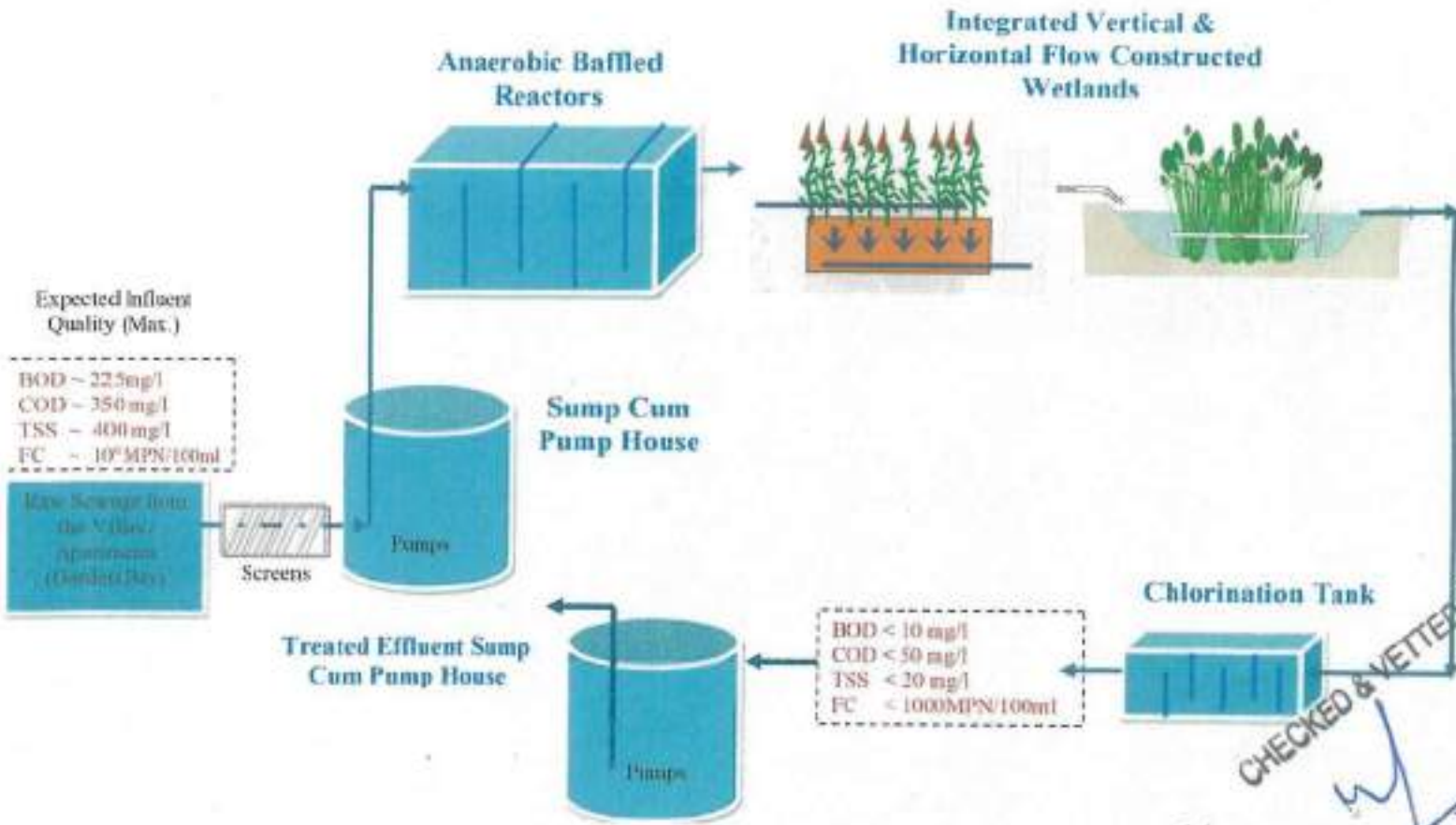

Figure 1: Process Flow Scheme for the Sewage Treatment Plant at Garden-Bay Housing Project, Sitapur Road, Lucknow, UP

CHECKED & VETTED BY:

Material of Construction – RCC

Pictures of the STP during its Construction and Commissioning Stages at Garden Bay Project Site, Lucknow

CHECKED & VETTED BY :

Nadeem Ahmad, Ph.D.
Environmental Engineering Section
Department of Civil Engineering
Aligarh Muslim University
ALIGARH (U.P.) INDIA

2.5 Process Flow Scheme

The wastewater from the villas, plots and group housing shall be collected in the underground sewerage network and conveyed to the STP. Firstly, it will be screened (manually) for the removal of small objects, floatable items like wrappers, plastic, etc. After screening, the wastewater is allowed to enter into a sump house from where it shall be pumped to the anaerobic baffled reactors (ABRs). There are 06 ABRs in series, each having average size of 4m x 6m and 3.85 m deep. In the ABRs, the wastewater shall be subjected to the settlement of the solids and degradation of the organic matter anaerobically. After ABRs, the effluent shall enter into Vertical Flow Wetlands (VF-CW) by gravity. The VF-CW is 1m deep tank that shall have filtering media and emergent vegetation to further treat the effluent. The size of the VF-CW is 16m x 6m. It works on the principle of natural process of treatment. After VF-CW, the effluent shall enter into horizontal flow Wetlands (HF-CW). There is a series of HF-CW tanks (11 nos.) each having an average size of 4m x 2.85m. The depth of the HF-CW is kept as 0.7m, filled with media and emergent plants (vegetation). The treated effluent after this step of the process shall be clean and crystal clear. However, it may require further treatment to kill the pathogens. For this reason, chlorine contact tank has been provided with 30 minutes contact time. After chlorination, the treated effluent shall be conveyed to the storage tank from where it shall be pumped for use within the Garden Bay area as discussed above.

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STP Photographs

Annexure - XII

Project Title :PROPOSED REVISED LAYOUT WITH MINOR CORRECTION AGAINST PREVIOUS SANCTION LAYOUT PERMIT NO. 20180618162722810 DATED- 07-03-2019 (GHAILA TOWNSHIP) Village: Ghaila & Alinagar, Lucknow for Shalimar KSMB Village Ghaila, Khasra No:- 2,3,4,5,6,7,12,13,14,23,24,25,27,31,32,87,88,89,89/1594,90Ka,91Ka,91Kha,91Ga,91Gha,92,93,94,95,96,97,108,110,114,115,115/1553,116,117,119Ka,120,121Ka,121Kha,122,123,124Ka,124Kha,181,182,183,184,191,192,195,195/1546,200,201,202,203,204,206,207,209,212,213,214,215,216,217,219,230,231,234,235,236,239,240Sa,Village Ali Nagar, Khasara No:- 5,23,25,26,27,29,35,36,37,39,41,45,46,48(PREVIOUS SANCTIONED PLOTTED RESI DEVELOPMENT / PLOTTED HOUSING/03660/LDA/LD/20-21/2742/29112021 DATED 11 MAR 2022)

File No	LDA/LD/22-23/0277	Sheet	1
Submission Date	2022-06-23	Scale	1:100

DESCRIPTION

CHANGES MARKED

UPDATED SANCTION LAYOUT PLAN

SITE PLAN
(Scale - 1:1500)

Project Title :PROPOSED REVISED SITE PLAN (GHAILA TOWNSHIP) Village: Ghaila & Alinagar, Lucknow for Shalimar KSMB Village Ghaila, Khasara No:- 2,3,4,5,6,7,12,13,14,23,24,25,27,31,32,87,88,89,89/1594,90Ka,91Ka,91Kha,91Ga,91Gha,92,93,94,95,96,97,
108,110,114,115,115/1553,116,117,119Ka,120,121Ka,
121Kha,122,123,124Ka,124Kha,181,182,183,184,191,192,195,195/1546,200,201,202,203,204,206,207,209,212,213,214,215,216,217,219,230,231,234,235,236,239,240Sa,Village Ali Nagar, Khasara No:- 5,23,25,26,27,29,35,36,37,39,41,45,46,48

A	AREA STATEMENT	VERSION NO.: 1.0.78 VERSION DATE: 22/06/2022
	PROJECT DETAIL :	
	Authority: Lucknow Development Authority	Plot Use: Residential
	AuthorityClass: Category A	Plot SubUse: Plotted Resi development / Plotted Housing
	AuthorityGrade: Development Authority (DA)	Development Plan: Master Plan
	CaseTrack: Regular	Land Use Zone: Residential use Zone
	Project Type: Layout Development	Land SubUse Zone: Residential Zone
	Nature of Development: NEW	Layout Type: NA
	Casetype: Revision	
	Development Area: Undeveloped Area	
	SubDevelopment Area: Village Area	
	Special Project: NA	
	Site Address: District:Lucknow,Tehsil:Lucknow,Village:Ghaila	
	AREA DETAILS :	Sq.Mts.
1.	Area of Plot As per record	-
	Document Area	313955.40
	As per site condition	12417.05
	Area of Plot Considered	12417.05
2.	Deduction for	
	(a)Proposed roads	0.00
	(b)Any reservations	0.00
	Total(a + b)	0.00
3.	Net Area of plot (1 - 2) AREA OF PLOT	12417.05
	Plot Area For Coverage	12417.05
	Plot Area For FSI	12417.05
	Perm. FSI Area (-)	0.00
	Total Perm. FSI area	0.00
6.	Total Built up area permissible at:	
	Permissible Coverage area (- %)	0.00
	Proposed Coverage Area (- %)	0.00
	Total Prop. Coverage Area (- %)	0.00
	Balance coverage area (- %)	0.00

	Proposed Area at:				
-		Proposed Built up	Existing Built up	Proposed F.S.I	Existing F.S.I
	Total Area:	0.00	0.00	0.00	0.00

	Total FSI Area:	0.00
	Total BuiltUp Area:	0.00
	Proposed F.S.I. consumed:	0.00
C.	Tenement Statement	
4.	Tenement Proposed At:	

Land use analysis/Area distribution (Table 2c)

Area covered under	Proposed Area in sq. mt.	Percentage(%)
Plotted Area	10336.00	83.24
Road Area	1644.46	13.24
Other Area	436.59	3.52
Total net layout	12417.05	100.00

Individual Plot Area

Plot No.	Abutting Road	Plot Area			Frontage		Coverage			FSI Area	
		Reqd	Perm	Prop	Reqd	Prop	Factor	Perm	Prop	Perm	Prop
GROUP HOUSING -2	18.0 M WIDE ROAD	2000.00	-	10336.00	-	34.56	0.00	0.00	0.00	-	0.00

Proposed Population Calculation

Plot Name	Use	SubUse	Range	Nos.	Perm. Unit/Plot	Perm. Person/Unit	Total Person/Plot	Total
Group Housing								
GROUP HOUSING -2	Residential	Group Housing	road upto 24mt.	1	250	5	259.00	259
Grand Total:								259

Individual Plot Setback

Plot No.	Pwork-Bldg	Abutting Road	Front		Side1		Side2		Rear		Coverage	FSI Area
			Reqd	Prop	Reqd	Prop	Reqd	Prop	Reqd	Prop	Prop	Prop
GROUP HOUSING -2		18.0 M WIDE ROAD	5.00	-	-	-	-	-	5.00	-	0.00	0.00

Tenements Density Check

Net housing density	No Of Tenements			No Of Persons		
	Reqd	Perm	Prop	Reqd	Perm	Prop
750/Hec.	-	187	250	-	932	259

Tree Details (Table 3h)

Plot	Name	Nos Of Trees	
		Reqd	Prop
PLOT	Tree	-	3

Color Notes

COLOR INDEX
- PLOT BOUNDARY
- ABUTTING ROAD
- PROPOSED CONSTRUCTION
- COMMON PLOT
- ROAD ALIGNMENT (ROAD WIDENING AREA)
- FUTURE T.P.SCHEME DEDUCTION AREA
- EXISTING (To be retained)
- EXISTING (To be demolished)

OWNER'S NAME AND SIGNATURE
SHALIMAR KSMB
PROJECT.ARCHITECT@SHALIMAR.ORG,7310106603

ARCH/ENG'S NAME AND SIGNATURE: SADANAND KUMAR, CA/2013/58886

STRUCTURE ENGINEER

Lucknow Development Authority

Building Plan Application Number: LDA/LD/22-23/0277

Sanctioned On: 14 Jul 2022

Valid Till: 17 Jul 2027

Approved By: Vice Chairman (Vice Chairman)

Examined By:
Rajesh Sharma (Junior engineer)
Shiv Kumar (Junior engineer)
Nagendra Singh (Assistant Engineer)
Bhupendra Veer Singh (Executive engineer)
Nitin Mital (Chief Town Planner)
Pawan kumar Gangwar (Secretory)

Total Plot Area: -	12417.05	Total FAR Area: -	.0
Total Coverage Area: -	.0	Total BUA Area: -	.0

Note: - 1) This drawing is prepared as per the current prevailing Building Bye Laws.
2) If Map sanctioned is used for purpose anything other than stated in application will lead to rejection of Map.

ISO_full_bleed_4A0_(1682.00_x_2378.00_MM)

Annexure - XIII

प्रारूप-छ (संलग्नक-6)
अग्नि एवं जीवन सुरक्षा प्रमाण पत्र
(Fire & Life Safety Certificate)

यूआईडी संख्या: UPFS/2019/11476/LCK/LUCKNOW/732/CFO

दिनांक: 13-09-2019

प्रमाणित किया जाता है कि मैसर्स **SHALIMAR K.S.M.B. PROJECTS** (भवन/प्रतिष्ठान का नाम)/पता **191,192,194,197,214,215,217,219,230,231,234,235-36,Vill- Ghaila,,Lucknow** तहसील - **Bakshi Ka Talab** जिसमें

ब्लॉक/टावर	तलों की संख्या	बेसमेन्ट की संख्या	ऊँचाई
Tower 2 3 4 5	14	0	43.35 mt.

का प्लाट एरिया **18557.09 sq.mt** है। भवन का अधिभोग **SHALIMAR K.S.M.B. PROJECTS** (भवन स्वामी/ अधिभोगी अथवा कम्पनी का नाम) द्वारा किया जा रहा है। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थायें एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार भवन में स्थापित व्यवस्थाओं का अनुरक्षण किया जा रहा है। जिसका निरीक्षण **अग्निशमन अधिकारी** द्वारा दिनांक **19-09-2019** को भवन स्वामी के प्रतिनिधि श्री **K.C. Joshi** के साथ किया गया तथा भवन में अधिष्ठापित अग्नि एवं जीवन सुरक्षा व्यवस्थाओं को मानकों के अनुसार यथास्थिति में पाया गया। अतः प्रश्नगत भवन को अग्नि एवं जीवन सुरक्षा प्रमाण पत्र (Fire & Life Safety Certificate) (एन0बी0सी0 की अधिभोग श्रेणी) **Residential** के अन्तर्गत **दिनांक तिथि 23-09-2019 से 21-09-2024** तक **5** वर्ष के लिये इस शर्त के साथ दिया जा रहा है कि भवन में सभी मानकों का अनुपालन किया जायेगा तथा भवन के इस प्रमाण पत्र का नवीनीकरण निर्धारित समयावधि के अन्तर्गत पुनः कराया जायेगा तथा नवीनीकरण से पूर्व भवन में स्थापित अग्निशमन व्यवस्थाओं को क्रियाशील रखने की जिम्मेदारी आपकी होगी।

"यह प्रमाण-पत्र आपके द्वारा प्रस्तुत अभिलेखों , सूचनाओं के आधार पर निर्गत किया जा रहा है। इनके असत्य पाए जाने पर निर्गत प्रमाण-पत्र मान्य नहीं होगा।"

निर्गत किये जाने का दिनांक: **23-09-2019**

स्थान: **LUCKNOW**

इस्ताक्षर-

VIJAY KUMAR SINGH

EBB963F5E0AA390D836964D18977F9A547AE8F2B

Annexure - XIV

Solar Panel

Annexure - XV

Construction Waste Generation And Management Plan

It is quantified that approximate following quantities of different type of construction waste would be generated, which if not managed properly can adversely impact the existing environmental condition of the area.

Table: Quantification of construction waste material

Construction waste material	Total construction waste generated @ 40 Kg/sq.m of builtup area (MT) 1,77,558	(MT)
Soil, Sand & Gravel	0.35	77448
Bricks & Masonry	0.3	66385
Concrete	0.25	55320
Metal	0.05	11064
Bitumen	0.0204	4514
Wood	0.0204	4514
Other	0.01	2213

Source: TIFAC

Impact identification & evaluation

- The indiscriminate disposal of solid waste generated on site can adversely affect the surface water quality. The organic matter in solid waste can enhance the biochemical oxygen demand of the surface water body and lower the dissolved oxygen, thus affecting the surface water ecosystem as a whole. The impact could thus be short-term and reversible.
- The possible adverse effects on groundwater quality due to solid waste can result from irresponsible dumping. However, disposal is most likely to occur on the ground surface and hence the effects on groundwater quality and quantity could be negligible.
- If solid waste generated on site is stored in unregulated locations, it can lead to leachate and other components of the decomposing solid waste to penetrate the soil surface, leading to the deterioration of soil quality at the project site. Solid waste generated on site if allowed to accumulate without a proper disposal site and proper management, will adversely affect the aesthetics of the project site. However, with proper mitigation measures in place, the impacts could be short term and reversible.
- Sanitation impacts will arise from uncontrolled collection and disposal of the generated solid waste. If left unattended, waste can decompose leading to foul odour. There is also

a possibility of the spread of disease through vectors and other pests at unregulated solid waste mounds. If a control measure is put in place, the impacts could be short term and reversible.

- The unregulated collection and indiscriminate disposal of generated solid waste, if unchecked can create a huge public health problem. If left unattended, solid waste can lead to vectors and disease, all of which could result in a medium to long term but reversible impact, depending on the control measure adopted.
- Solid waste generated on site if allowed to accumulate without a proper disposal site and proper management, will be an eye sore and adversely affect the aesthetics of the project site. Hence the impact could be short term but reversible.
- Handling, movement and storage of hazardous wastes could cause occupational health and safety issues to the staff and workers involved in the facility.

Mitigation Measures

- 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.
- Construction sites are sources of many toxic substances, such as paints, solvents, wood preservatives, pesticides, adhesives and sealants. Hazardous waste generated during construction phase are being stored-in sealed containers, labelled, and disposed of as required by the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.
- Construction activity involves some workforce to stay at site. Local labour shall be employed to the maximum possible extent. The latter will require basic infrastructure welfare facilities like housing, sanitation and other essential services. The proposed site is being provided with suitable sanitation facilities like supply of potable water and sanitary latrines to allow proper standards of hygiene. Solid waste generated mainly comprise of household domestic waste, which are being collected and disposed off at the nearest municipal waste collection site.

Annexure - XVI

Labour Camp

Annexure - XVII

DEPARTMENT OF CIVIL ENGINEERING
INSTITUTE OF ENGINEERING & TECHNOLOGY
AN AUTONOMOUS CONSTITUENT INSTITUTE OF UTTAR PRADESH TECHNICAL UNIVERSITY
SITAPUR ROAD, LUCKNOW (U.P.), INDIA PIN-226021
Phone: +91 0522 2361692 Fax: +91 0522 2361631

Ref.: IET/CE/SPS/NBS/2017-761

Dated: 16.12.2017

To:

Shalimar KSMB Projects,
Titanium Shalimar Corporate Park,
Vibhuti Khand, Gomti Nagar,
Lucknow-226010

Subject: Vetting of structural drawings of Group Housing Project of Shalimar KSMB Project (Garden Bay) Khasra No. 191, 192, 194, 197, 214, 215, 217, 219, 230, 231, 234, 235, 236 & 239 Vill Ghailla Lucknow.

Dear Sir,

Kindly refer your letter no. Nil dated 14-11-2017 on the consultancy of subject cited above.

In this context, it is to inform you that the submitted structural drawings of Group Housing Project of Shalimar KSMB Project (Garden Bay) Khasra No. 191, 192, 194, 197, 214, 215, 217, 219, 230, 231, 234, 235, 236 & 239 Vill Ghailla Lucknow have been checked in accordance to IS codes (IS: 456-2000; IS: 1893-2016, IS: 4326-2013 & IS: 13920-2016) and found safe. Structural drawings are herewith enclosed for further necessary action at your end.

Thanking you,

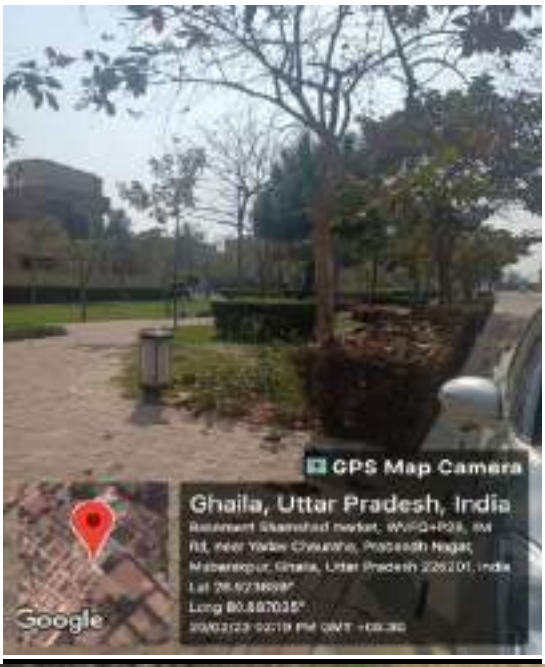
Yours Sincerely

(Dr. S. P. Shukla)
Professor

(Dr. N.B. Singh)
Professor & Head

Annexure - XVIII

Miscellaneous Photographs




GPS Map Camera
Lucknow, Uttar Pradesh, India
Unnamed Road, Uttar Pradesh 226201, India
Lat 26.923119°
Long 80.883123°
20/02/23 01:27 PM GMT +05:30
Google


GPS Map Camera
Ghaila, Uttar Pradesh, India
Unnamed Road, Ghaila, Uttar Pradesh
226201, India
Lat 26.922316°
Long 80.884195°
20/02/23 02:03 PM GMT +05:30


GPS Map Camera
Ghaila, Uttar Pradesh, India
D4, Shalimar Garden Bay, KSMB Projects,
Ghaila, Uttar Pradesh 226201, India
Lat 26.924741°
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