



Date: 01/05/2024

To,
Additional Principal Chief Conservator of Forests,
Ministry of Environment, Forest & Climate Change,
Regional Office (West Central Zone),
Ground Floor, East Wing,
"New Secretary Building"
Civil Lines, Nagpur - 440001

Subject: Submission of Half Yearly Post Environmental Clearance Compliance Report for the October 2023 to March 2024

Project: Proposed Construction Project "The Orizzonte" by "M/s. Galaxy Ventures" located at "Sr. No. 26, Hissa No. 3, S. No. 27, Hissa No. 1(P), Village- Sus, Taluka-Mulshi, District- Pune, Maharashtra, 411021"

Reference: SEIAA letter No. SIA/MH/MIS/120554/2019 dated 08/07/2020

Respected Sir,

With reference to above subject, we are herewith submitting the post environmental clearance compliance report for the October 2023 to March 2024.
This is for your kind information and consideration.

Thanking You,

Yours Faithfully
For "M/s. Galaxy Ventures"

Authorized Signatory

Encl.:

- 1) Project details in MoEF format (Part-I &II).
- 2) Six Monthly Compliance Submission

Copy To,

- 1) Sub Regional Officer, Maharashtra Pollution Control Board, Jog Center, Pune - 03
- 2) Member Secretary, Maharashtra Pollution Control Board, Sion, Mumbai - 22.
- 3) Environment Department, Room No. 217, 2nd Floor, Mantralaya, Annexe, Mumbai-32.

Half Yearly EC Compliance Report
Ministry of Environment, Forest, and Climate Change

MONITORING REPORT

Part-I

1.	Name of the project and location	Residential & Commercial project at Sr. No. 26, Hissa No. 3, S. No. 27, Hissa No. 1(P), Village-Sus, Taluka-Mulshi, District- Pune, Maharashtra, 411021.
2.	Address for Correspondence	Mr Mohit Subhashchand Daga (Partner), M/s. Galaxy Ventures at Plot No. 67, Dr. Babasaheb Ambedkar Marg, Chhatrapati Sambhajnagar Chowk Bus Stop, Sector No. 27, Pradhikaran, Pimpri Chinchwad, Pune, Maharashtra - 411044 (Email: usv22.pune@gmail.com)
3.	Clearance letter No.& Date	No.SIA/MH/MIS/120554/2019 dated 08/07/2020.
4.	Court case if any.	No court case in any court of law is pending against their project.

Environmental Clearance: EC obtained from SEIAA in 2020 for residential & commercial project with 55309.05 sqm built up area on a plot area of 18600 sqm. Excavation commenced on site in November 2023. The project is under construction phase, only Excavation Activity has been initiated.

Consent from MPCB: Obtained Consent to Establish vide Format1.0/BO/JD (WPC)/UAN No.087225/CE/CC-2006001259 dated 29/06/2020.

Water requirement and wastewater management: The water requirement for the construction activity is sourced through tanker supply.

Environmental Monitoring: Monitoring of Air, Water & Noise quality by MOEF&CC accredited laboratory has been carried out.

Rainwater harvesting: 8 Nos Rainwater Harvesting Pits proposed.

Environmental Management Cell: A separate cell has been established to look after the environmental Management.

Part-II

Compliance status in detail

Sl. No.	Conditions as per EC dated 08.07.2020	Compliance
	Specific Conditions:	
I	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.	Consented to Condition.
II	PP shall comply with standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019	Consented to Condition.
III	SEIAA decided to grant EC for – FSI: 26385.54 sqm, Non FSI: 28923.51 sqm and Total BUA: 55309.05 sqm (Plan Approval no-CR 40-18-20/Sus/CTS no 26-2/26 (P), Dated- 28.01.2020)	Consented to Condition.
	General Conditions:	
I.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Consented to Condition. E-Waste will be segregated and will be disposed through Authorized Vendor as per E-Waste (Management and Handling) Rules, 2016
II.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Consented to Condition. Construction is under progress.
III.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including Clearance from the standing committee of the NBWL if applicable & this EC does not necessarily imply that Forestry & Wildlife clearance granted to the project which will be considered separately on merit.	Not Applicable as Project site does not attract any Forest / wildlife area
IV.	PP must abide by the conditions stipulated by SEAC& SEIAA.	Consented to Condition.
V.	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according to commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved	Consented to Condition. The height, Construction built up area of proposed construction is in accordance with the sanctioned plan. Architect Certificate/Area statement has been submitted in this regard.

	development plan of the area.	
VI.	If applicable Consent for Establishment" shall be obtained from MPCB under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	Complied. Consent to Establish obtained vide Format1.0/JD (WPC)/UAN No.0000168827/CE/2308001589 dated23/08/2023.
VII.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Consented to Condition. PP has taken all required sanitary and hygienic measures.
VIII.	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.	Consented to Condition. Proper sanitation facilities are provided at site for construction laborers and staff. Temporary toilets with septic tank and soak pit provision are provided.
IX.	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Complied. During construction phase the generation of waste is being handed over to SWaCH.
X.	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	Consented to Condition. Precautionary measures are being taken for disposal of muck during construction phase.
XI.	Arrangement shall be made that wastewater and storm water do not get mixed.	Consented to Condition. Arrangement for the wastewater and storm water is made so that it will not get mixed.
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Complied. The generated topsoil is being store and will be used for landscaping purpose.
XIII.	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.	Consented to Condition. Excavated debris & construction waste reused on site for backfilling and plot leveling.
XIV.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Consented to Condition. Green Belt Area is provided as per DC Rules.
XV.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Complied PP has informed that soil samples are being tested regularly; groundwater is not

		used for any purpose.
XVI.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Consented to Condition.
XVII.	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the MPCB	No Hazardous waste material is generated since it is a construction activity.
XVIII.	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	Consented to Condition. CPCB approved enclosed type D.G. sets will be used in case of power failure. The location and height of the DG set will be installed as per the CPCB.
XIX.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Diesel is not stored on site.
XX.	Vehicles hired for bringing construction material to the site should be in good condition and should have a PUC certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Consented to Condition.
XXI.	Ambient noise levels should conform to residential standards both during the 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, to conform to the stipulated standards by CPCB/MPCB.	Consented to Condition. All efforts are continuously being made to maintain the same permissible limits. Ambient Noise level and Ambient Air monitoring carried out through MoEF approved laboratory.
XXII.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Consented to Condition. PP has confirmed that RMC is being used for the Construction Purpose having 2 to 3 % of Fly Ash content.
XXIII.	Ready mixed concrete must be used in building construction.	Consented to Condition. Ready mixed concrete is used in building construction.
XXIV.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	PP has consented to the Condition.
XXV.	Water demand during construction should be reduced by use of pre-mixed concrete,	Complied.

	curing agents and other best practices.	For water conservation measures, use of ready-mix concrete and practice of curing regularly used.
XXVI.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Complied. No ground water extraction takes place.
XXVII.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled / refused to the maximum extent possible. Discharge of this unused treated affluent if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odor problem from STP	Consented to Condition. Sewage Treatment Plant (STP) of 510 KLD - MBBR Technology.
XXVIII.	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	Not drawing ground water.
XXIX.	Separation of grey and black water should be done using dual plumbing line.	Consented to Condition.
XXX.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Consented to Condition.
XXXI.	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Consented to Condition.
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Consented to Condition. Design is as per ECBC requirements.
XXXIII.	Energy conservation measures like installation of CFLs /TFLs for the lighting of the areas outside the building should be an integral part of the project design and should be in place before project commissioning.	Consented to Condition. Following measures will be implemented: • LED for Common Area

	Use CFLs and TFLs should be properly collected and disposed of/sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar streetlights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	
XXXIV.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the EPA, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with MPCB.	Consented to Condition. CPCB approved enclosed type D.G. sets will be used in case of power failure and Stack height of DG set will be installed as per the Central Pollution Control Board (CPCB).
XXXV.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Complied. Ambient Noise level and Ambient Air monitoring is being carried out through MoEF approved laboratory.
XXXVI.	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.	Consented to Condition. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site will be avoided.
XXVII.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Consented to Condition.
XXVIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air, and ventilation.	Consented to Condition. The project is planned as per ECBC Norms & ventilation requirements therein.
XXXIX.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, to avoid disturbance to the surroundings by a separate environment cell / designated person.	Complied. Regular supervision of all the above measures is being carried out by the site in charge.

XL.	Under the provisions of EPA 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining EC	Consented to Condition.
XLI.	Six monthly monitoring reports should be submitted to the regional office MoEF, Bhopal with copy to this department and MPCB.	Consented to Condition. PP regularly submits Post EC compliance reports to MoEF & MPCB.
XLII.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2.	Consented to Condition.
XLIII.	Wet garbage should be treated by OWC, and treated waste (manure) should be utilized in the existing premises for gardening. And no wet garbage will be disposed outside the premises. Local authority should ensure this.	Consented to Condition.
XLIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB	Noted.
XLV.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Complied. Submitted the details to local authority and MPCB.
XLVI.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Consented to Condition.
XLVII.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB & this department	Complied. Project proponent have made Separate Environment Cell for regular supervision.
XLVIII.	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise breaks-up. This cost shall be included as part of the project cost.	Complied. Provision for its budgetary requirements have been made in EMP

XLIX.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded EC and copies of clearance letter are available with the MPCB and may also be seen at Website at http://ec.maharashtra.gov.in .	Complied.
L.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1st December of each calendar year.	Complied.
LI.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Complied.
LII.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Under Process
LIII.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective RO, MoEF, the respective Zonal Office of CPCB and the SPCB.	Consented to Condition.
LIV.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned SPCB as prescribed under the EPA, 1986 as amended subsequently, shall also be put on the website of the company along with the	Complied.

	status of compliance of EC conditions and shall also be sent to the respective RO, MoEF by e-mail.	
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EXECUTABLE ENVIRONMENTAL MANAGEMENT PLAN

For

“The Orizzonte”

Proposed Residential and Commercial Project

By

M/s Galaxy Ventures

At

**Sr. No. 26, Hissa No. 3, S.No. 27, Hissa No. 1(P), Village – Sus, Taluka –
Mulshi, Dist – Pune, Maharashtra 411021.**

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Executable Site Specific Environment Management Plan

1. Introduction

The Executable Environmental Management Plan is a site-specific plan developed in order to ensure that the project is implemented in an environmentally sustainable manner; where all the contractors and sub-contractors (including consultants) understand the potential environmental risks arising from the proposed project and take appropriate actions.

EMP also ensures that the project implementation is carried out in accordance with the design and by taking appropriate mitigation actions to reduce adverse environmental impact during its life cycle.

The potential environmental impact that needs to be regulated is mentioned below:

1. Air pollution due to the emission of Particulate Matter and gaseous pollutants;
2. Noise pollution due to various noise generating equipment as well as vehicular movement
3. Wastewater generation from sanitary/domestic activities; and Solid waste disposal
4. Various solid waste generated at the proposed locations
5. Other environmental hazards which can damage the existing environment

An efficient environmental management plan helps to restore the impact created using various technologies & procedures involved in the erection of the project. It aims to increase environmental performance & reduce waste generation by adopting appropriate corrective measures and actions. It further ensures the confirmation of implementation of such remediable or preventive actions so as to attain the set parameters thereby achieving minimum environmental damage.

To ensure better environment in & around the project site as well as for the neighboring population, an effective EMP is developed separately for construction and operational phases.

2. Project at a Glance

Total Plot Area	18600	sqm
Deductions	4357.91	sqm
Net Plot Area	14242.09	sqm
Open Space (10%)	1907.51	sqm
Amenity Space	2936.84	sqm
F S I	84460.97	sqm
Non-F S I	51276.01	sqm
Total Built Up Area	135736.98	sqm
No of Tenements	548	no
No of Residents	3280	no
No of commercial users	1578	no
Total Parking Provided	46675.00	sqm
Terrace Area	3346.95	sqm
Minimum Turning Radius	9	meter
Approach Road width	24	meter

3. Proposed Construction

The proposed construction on the said project after development shall include following buildings –

Building Name	Height of Building	Building Configuration	Total Tenements
Building A	90.45	B + LG + UG + 3P +25 Floors + Amenity Floor	125
Building B	90.45	B + LG + UG + 3P +25 Floors + Amenity Floor	125
Building C	90.45	B + LG + UG + 3P +25 Floors + Amenity Floor	100
Building D	90.45	B + LG + UG + 3P +25 Floors + Amenity Floor	150
MHADA	39.00	P + 12 Floors	48

4. Proposed Environment Services & Provisions

To reduce the negative impact on environment and to maintain the environment following services are proposed and provisions are made –

Particulars	Disposal method and time frame
Waste-Water Treatment	100 % waste water generated shall be treated on daily basis
	The parameters as prescribed by CPCB shall be attained
	The treated water shall be used for flushing and gardening
	Technology - MBBR
	Capacity - 510 KLD
Wet Waste	Three bin system is proposed (Bio-degradable, recyclable, non-recyclable)
	100 % wet waste shall be treated in-situ on daily basis
	Technology - by Composting (OWC)
	Capacity - 1063 kg/day
Dry Waste	The storing for dry waste recyclable and Non recyclable shall be provided
	Non-biodegradable waste shall be disposed through authorized agency once every fortnight
	The recyclable waste shall be handed over to scrap vendor every fortnight
	The E- waste and hazardous waste shall be disposed through centralized hazardous waste disposal facility and the receipt shall be obtained. The disposal shall be based upon the collection of waste or pre-decided time where society shall accumulate waste at regular intervals
Rain-Water Harvesting	Recharge using 8 no. of pits with bore well
	Recharge pits with bore well for Terrace water with on-line filtration system as shown in plan
	Recharge pits with bore well for runoff water with silt chamber and Oil & grease chamber as shown in plan
Plantation	All local species to be considered (flower bearing, fruit bearing, shadow providing evergreen trees)
	No allergic plants to be considered in planning
	Species absorbing higher CO ₂ are preferred
	Proposed Plantation = 178 nos.

Energy Conservation	Solar water Heaters
	Solar PV Generation
	LED fixtures and other conservation gadgets proposed more particularly as described in the Energy saving list & ECBC report

5. Compliance Schedules

There will be three facets to design and follow the schedules viz.: for compliance of responsibilities for day-today operation and management of STP, ECE, solid waste management facility for routine environmental monitoring to assess the impact and take timely warning.

The schedule –

Daily observations

1. Take meter readings for Water consumption
2. Treated water output
3. Sub meter reading for STP energy consumption
4. Sub meter reading for OWC energy consumption
5. Maintain electricity consumption record for ascertaining the efficiency of the equipment installed and its operational conformity.

Monthly observations:

1. Monitor ambient air periodically as per consent. Monitor the emission sources through the competent authority and submit the analysis reports to the board.
2. Treated water parameter analysis

Quarterly observations:

1. Monitor ambient/ work zone noise levels & ensure conformance
2. Compose analysis report

Half yearly compliance:

1. Submit the post environment clearance report to the Zonal office (Nagpur) and regional (Pune) office of MoEF & Climate change along with the state pollution control board as may be prescribed in the prior EC every June & December.

Yearly compliance:

- a. Carryout “Environmental Audit Statement” of various environmental aspects, review the environmental policies with the help of experts and make the up gradation / changes accordingly.
- b. Submit the “Environmental Statement” to the State Pollution Control Board in Form V under Rule 14 of Second Amendment Rules 1992 of the Environment (Protection) Act, 1986.
- c. File the Cess Return t the State PCB under The Water (Prevention and

Control Pollution) Cess Act, 1977.

Renewal :

Renew the consent the Consent to Establish / Operate under the Water & Air Acts on due dates

Responsibility – The responsibility for the compliance shall be of the Environment Manager / authorized person duly appointed by the Developer in the construction phase and thereafter by the Society in operation phase. Environment monitoring cell will be developed for environmental monitoring, analysis and control of all possible sources due to the proposed project. The responsibility of the cell will be to follow the pollution control measures stringently at proposed project site through a regular monitoring of various environmental parameters and environment management plan will be effectively implemented.

6. Contents of Environmental Management Plan

Environmental Management includes the following major aspects:

Land environment –

The construction project brings in permanent change in land usage. The land which is proposed has to be assessed from various angles viz. vegetation on the land under proposed project, the structure of the soil, geological strata of the land which plays crucial role in rain water harvesting and excavation which may be required to be dumped outside the project site.

The trees which are unavoidable to retain require compensatory plantation according to the plantation scheme proposed. The cutting and filling must also be assessed and restoration of the organic soil must be considered.

Water environment –

Ground/Land physiography is mainly responsible for controlling the water drainage pattern. It is equally important to assess the drainage pattern of the region. The rain water harvesting scheme for the project is to be prepared. The plan is to be prepared for incremental harvesting. The use of recycled water for various purposes for water conservation is also an integral part to maintain the water environment.

Air environment –

The permanent change in land use by way of construction is sure to create a detrimental impact on the air environment surrounding the project. The impact is twofold. The mitigation plan to reduce the impact during construction phase and augmentation plan to maintain the air environment during operation phase is to be planned.

Noise environment –

Construction equipment and road traffic are the major sources of noise. Baseline data of noise at the project area and the neighborhood habitat areas

is to be ascertained.

The noise levels during the day time or at various time slot in a day is helpful in ascertaining the construction machinery operation timings.

Biological environment -

The biological surroundings which include birds, aquatic life and vegetation etc must be maintained to reduce the negative impact on environment.

Socio economic environment -

This is another important aspect for the development. The development of the surrounding areas and availability of the resources and services is equally important to assess which has an indirect impact on the environment.

Solid waste -

In the recent urbanization, this is one of the most critical issues at par with water. The disposal of the waste both bio-degradable and non-biodegradable is essential to consider.

Liquid (water) Waste -

The residential occupants as well as commercial users are sure to generate waste water on an everyday basis. Proper waste water treatments are both, vital & essential, for use of recycled water, as well as reduce the BOD load for excess treated water to be discharged, avoiding waste water to contaminate inland freshwater ecology like lakes, ponds and rivers.

Energy Saving Measures -

Proper implementation and maintenance of energy saving measures are equally important part of environment monitoring. Apart from use of LED lights other factors contributing to energy saving mainly includes Solar panel maintenance for water heaters as well as panels for PV generation. These panels must be maintained to extract optimum output from them.

7. Environment Monitoring Cell

The environmental management cell will be formed which will be headed by an Environment Manager. He will be supported by adequate number of personnel having sufficient educational and professional qualification and experience to discharge number of personnel having sufficient educational and professional qualification and experience to discharge responsibilities related to environmental management including; statutory compliance, pollution prevention, environmental monitoring, preventive maintenance of pollution control equipment and green belt development. The head of the cell will directly report to the top management. This cell will be a nodal agency to co-ordinate and provide necessary services on environmental issues during construction and operation of the project. This department will interact with MPCB, MoEF, CPCB and Other environment regulatory agencies. The cell will be effective until handing over of the project to society.

Environmental Management cell will implement and review the compliance of the stipulated conditions specified in Environmental Clearance and Consent for Establish. Environmental cell will submit six monthly compliance report regarding status of implementation of each stipulated condition to MoEF. The cell will be responsible for obtaining consent of operate under water Act and Air from MPCB. On getting Consent to operate, the project will be handed over to society. The project proponent will provide technical know-how, legal and technical training to society personnel for continuing the EMP.

Functioning of various departments for effective environment management

Solid Waste Management

Responsibilities	Executed by	Personnel in-charge	Reporting to
Manage and monitor MSW. Ensure proper collection & segregation of waste at source. Ensure proper operation and maintenance of composting machines. Ensure proper disposal of non-biodegradable waste via authorized agencies. Collect operational reports from composting machines and ensure that they comply with required standards. Appoint necessary manpower for operation and maintenance of composting machines.	OWC vendors with AMC	Environment Coordinator	Society General Body & Committee in association with EMC

Liquid Waste Management

Responsibilities	Executed by	Personnel in-charge	Reporting to
Manage sewage generated. Ensure proper operation and maintenance of sewage treatment plant. Oversee the collection of outlet samples from STP outlet in order to generate operational reports and ensure that they comply with	STP vendors with AMC	Environment Coordinator	Society General Body & Committee in association with EMC

required standards. Appoint necessary manpower for operation and maintenance of STP.			
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Landscape Management

Responsibilities	Executed by	Personnel in-charge	Reporting to
Maintenance of plants, trees and shrubs on site. Ensuring proper supply of water. Ensuring proper barricading safeguarding purpose. Appointing manpower and gardener to carry out daily necessary activities. Record and maintain name and nos. of trees on site.	Gardener	Environment Co-ordinator	Society General Body & Committee in association with EMC

RWH Management

Responsibilities	Executed by	Personnel in-charge	Reporting to
Checking all RWH pits and ensuring no clogging occurs. Maintaining the pits. Clearing the drains during especially in rainy season. Ensure no vehicles are parked over RWH pits. Document necessary observations.	Plumber	Environment Co-ordinator	Society General Body & Committee in association with EMC

Energy Saving Management

Responsibilities	Executed by	Personnel in-charge	Reporting to
Ensure operation and maintenance of Solar water heater panels, energy saving electrical equipment etc. Replace or repair wherever necessary. Document performance reports.	Contracted Energy Saving Consultant with AMC	Environment Coordinator	Society General Body & Committee in association with EMC

Air Pollution Management

Responsibilities	Executed	Personnel	Reporting to
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	by	in-charge	
Monitoring for ambient air pollutants as well as DG set emissions on a monthly basis and ensure that they comply with the norms. Reporting the same to the Environment co-ordinator. Suggesting/implementing mitigation measures in consultation with the society committee and EMC	Contracted Pollution Monitoring and Control Laboratories	Environment Co-ordinator	Society General Body & Committee in association with EMC

Noise Pollution Management

Responsibilities	Executed by	Personnel in-charge	Reporting to
Monitoring for ambient noise levels on a monthly basis and ensure that they comply with the norms. Reporting the same to the Environment co-ordinator. Suggesting/implementing mitigation measures in consultation with the society committee and EMC	Contracted Pollution Monitoring and Control Laboratories	Environment Co-ordinator	Society General Body & Committee in association with EMC

Health and Safety

Responsibilities	Executed by	Personnel in-charge	Reporting to
Ensure the use of PPE and other health and safety gears by the personnel managing MSW and STP. Ensure disinfection measures are undertaken in MSW segregation areas and areas near STP.	Environment Co-ordinator	Environment Co-ordinator	Society General Body & Committee in association with EMC

EMP Budget

Responsibilities	Executed by	Personnel in-charge	Reporting to
Manage and Maintain budget for the Environmental Management Cell	Society Treasurer	Budgetary Committee	Society General Body & Committee in association with EMC

Detail Environment Management Plan during Construction Phase

Monitoring & Mitigation Measures for Waste during Construction Phase (Waste Management Plan) -

The first part in the Environmental Plan is the construction phase which is executed following well planned Mitigation Measures. The mitigation measures play crucial role in reducing the negative impact during construction phase. The monitoring helps in ascertaining whether the mitigation plan is successfully implemented. The mitigation measures are required during following stages -

1. Excavation, Reuse and dumping of soil
2. Traffic Management Plan (vehicular traffic of incoming materials)
3. Labour Camp at the proposed Location
4. Waste Disposal Plan (solid and liquid)
5. Construction Storage Facility
6. Proposed Material Usage
7. Air pollution Measures
8. Noise pollution Measures
9. Safety Measures

Demolition Debris -

The demolition of existing structures may be required at the initial stage of the project or may be required before completion of the project if some of the existing structures are retained on site and used during construction period. The disposal of demolition debris is preferred in situ as far as possible. If in-situ disposal is not possible then the same must be handed over to authorised contractor of municipal corporation who shall dispose the same.

Excavation & Disposal of Soil -

The excavation is crucial part in the initial stages of construction. The reuse of excavated material within the site and or disposal of excess debris must be followed as per the "Debris Management Plan" prepared. **Preservation of soil**

with organic content within the layout must be used for plantation and in garden area.

(Refer to Debris Management Plan for details)

Traffic Management Plan

Construction vehicle traffic is to be ascertained in proper manner where the vehicular movement should not disturb the ongoing construction activity. This to be done to avoid mud carried outside the site because of vehicles.

Proper road for construction material vehicles, sufficient turning radius, proper entry / exit gate must be provided.

The plan for the time scheduling of heavy vehicle must be made depending upon the traffic flow on the adjoining areas. As far as possible non peak hours be preferred for the same.

Labour Details

The labor are expected to be employed as per the requirement of the work and as per the nature of the work. The labour camp shall be provided and the various facilities shall be provided to the labour camp.

The additional labors shall be hired on daily basis.

Filtered Water tankers shall be provided to cater the need of drinking water.

The construction water shall be provided through water tankers.

Solid & Liquid Waste disposal

The waste is expected includes –

Bio-degradable Solid Waste from the labour camp – The bio-degradable solid waste generated approx. 2.5to 5 Kg/day generated from labour shall be managed by composting.

The non-biodegradable solid waste approx. 2.5to 5 Kg/day from the labour shall be handed over to the authorized agency.

Reusable Construction Material waste – The reusable construction waste basically includes debris generated during the construction involving pieces of bricks, assorted gravel, metal etc. which shall be consumed in the internal roads and pathways.

Non-reusable construction waste – The non-reusable construction waste includes packing material, boxes, cans, ply material etc. which shall be disposed-off through scrap vendor.

Hazardous waste - The hazardous waste generated at the site shall be handed over to the authorised vendor from the list published and updated by Pollution Control Board.

Liquid Waste from the labourcamp– The liquid waste from the labour camp shall be cleared by the contractor providing mobile toilets. The regular dosing of bio-culture for better results and prolonged operation may be adopted by the proponent.

The gray water from the labor camp to be treated in the septic tank with bio-

culture dosing and the same may be used for water sprinkling instead of fresh water.

Storage facility for Construction Material, water etc.

The storage facility is required for steel, cement bags, sand, gravels, bricks or blocks, door / window frames, electric material, paints, pumps, generator and other equipment.

It is therefore considered that storage space which includes covered and open space is provided separately.

The storage is provided with proper access for the vehicular traffic for easy unloading and to avoid congestion of vehicular traffic as well as entry of vehicles in the construction area.

Water is another important and regularly required commodity. The water is proposed to be supplied by water tankers (**use of bore well without CGWA and corporation water are strictly prohibited**)

The storage of water for construction activity is to be located at most convenient place. The water for usage of labor camp and drinking water for labor to be provided separately.

Use of various materials

1. To reduce the environmental hazards in terms of air and noise pollution as well as accumulation of non-biodegradable materials following actions are proposed:
2. Use of RMC (ready mix concrete) to reduce the material storage for cement, gravels, sand and to avoid air pollution as well as noise pollution using concrete mixers
3. Use of readymade cement blocks for construction made using fly ash as component
4. Use of iron scaffolding instead of bamboo
5. Use of iron plates for slab casting instead of plywood
6. Use of metal door frames instead of wooden for all internal doors
7. Use of aluminum window frames which are supplied to the sizes
8. Use of wire harnessing to avoid pilferage and accumulation of waste of plastic material

Air Pollution

Demolition work – More particularly dealt in Debris Management Plan.

During structural erection – The air pollution control shall be executed adopting methodology for the construction. First, we shall be using RMC for the concreting for the structural work. This will totally reduce the air pollution.

During brick work – The use of cement is unavoidable during the brick work. To reduce the impact of air pollution, readymade concrete blocks are proposed. The blocks are large in size and thus the area covered by block is in

multiple of the bricks. The shred net is proposed to be used on the outer surface of the structural erection which shall prevent the air pollution during the brickwork. The floors are also proposed to be covered with the net whereby material shall be collected on the shred net and shall prevent air pollution due to wind.

During plastering work – The plastering is proposed in the enclosed environment. The shred net shall be used from all the sides of the floor where plastering is made. The waste material during the plastering of walls shall be collected and used in the internal road levelling.

During Tiling work – The tiling work is proposed using vitrified tiles. The cut tiles shall be reused as far as possible to avoid generation of waste. The tile pieces shall be consumed in the pathways, roads.

During painting work – The painting shall be used using eco-friendly paints as far as possible. The paint barrels shall be disposed of using authorized vendor

Noise Pollution

Demolition work – Refer to Debris Management Plan

Removal & disposal of debris – Refer to Debris Management Plan

During structural erection – The structural work is proposed using steel plates fixed using nut bolts and therefore the noise shall be just negligible. The use of RMC is proposed whereby the noise due to the operation of concrete mixer is avoided.

Safety Measures – It shall be ensured that the various safety measures as per the guidelines will be followed during construction of the project. A well-qualified & responsible Safety Officer shall be appointed to ensure the implementation of the same.

The plan for the safety of labor on site and during construction work has to be prepared separately by the safety officer and the activities such as safety training, safety shoes, helmets, gloves, jackets etc as directed by the safety Officer to be provided. The information using board to be displayed at the site as per the instructions of the safety Officer.

Environmental Management Plan in Operational Phase

1. Approval Conditions attaining Environmental Plans –
2. Disposal of Bio-degradable waste
3. Disposal of Non Bio-degradable Waste
4. Disposal of E-Waste
5. Sewage Treatment and Recycling of Water
6. Landscape providing biodiversity
7. Rain Water Harvesting
8. Solar Water provisions

9. Ambient Air monitoring (DG) Set – Air and Noise monitoring
10. Ambient noise monitoring
11. Drinking Water Monitoring
12. Environmental Audit
13. Environmental Management Plan includes following for each of the above aspects considered for approval:
14. Manpower Requirement
15. Executable Actions
16. Parameters for the Environmental Norms
17. Executors and their actions
18. Report/s generation
19. Corrective measures
20. Compliances

Disposal of Bio-degradable Waste

There are estimated 3280 residential users 1578 commercial users the quantity of wet waste generation is considered at 1063 kg / day.

In-situ treatment is proposed for the wet waste using composting machine.

The area required for the composting machine along-with segregation area is as shown in plan.

Actions –

Appointment of manpower for collection and processing (2 persons) by the society

Training for machinery operations which includes basically shredding, fogging system, loading to curing trays (this shall be provided by the vendor as per the terms of purchase order)

Two bins system to be implemented

The waste segregation at source is insisted

Information and Education Program for the Occupants

Segregated waste to be collected on daily basis

Transporting the collected waste in covered bins to the processing site

Prior final segregation at the space provided within the unit

following the correct procedure for operations –

- a. Segregation
- b. Shredding
- c. Culture mixing
- d. Dewatering
- e. Loading into the Bins
- f. Layering

Purchase and storage of additives required 1.1 kg / day in dry place and close container.

Warning Points –

1. Do not allow metal and other hard material in shredder
2. Mix appropriate quantity of culture as instructed
3. Call vendor in case of any foul smell after following procedures as instructed
4. Properly clean the area under operations in case of any spill of material
5. Keep track of AMC for timely intervention to obtain best of the results.

Reporting – The parameters of the compost obtained must be monitored every month to ascertain the results attaining the parameters as per FCO norms through NABL approved Laboratory

Corrective Action – In case of failure to attain the parameters as per the FCO, the vendor must be immediately called for and necessary rectification must be implemented as suggested.

Responsibility – Environment Manager & Society Management is responsible for the sampling, testing, communication and corrective action implementation.

Cost Estimates –

Capital Cost	Rs 14 lakhs
Annual Maintenance Cost	Rs 4.50 lakhs per annum

Disposal of Non-Bio-degradable Waste

The non – biodegradable waste is estimated at 814 kg/day.

Disposal is proposed through Authorized Agency

Action –

Collection of non-biodegradable waste at the collection point in separate bin

Handing over the waste to Authorized Agency

Renewal of contract with Authorized Agency on annual basis

Reporting – Environment Manager to keep Reporting of the same

Cost Estimate –The Agreement shall be executed by Authorized Agency at the time of initiation of the work and shall charge as per their norms which shall be provided for

Responsibility – It is the responsibility of the Environment Manager to enter into an Agreement with Authorized Agency through the Society

Disposal of E-Waste and Hazardous Waste

Electronic Goods waste

Paint Tins, cans

Pesticides

Fluorescent tubes etc.

Reporting – Environment Manager to keep Reporting of the same

Cost Estimate –The Agreement shall be executed by Authorized Agency at the time of initiation of the work and shall charge as per their norms which shall

be provided for

Responsibility – It is the responsibility of the Environment Manager to enter into an Agreement with Authorized Agency through the Society

Sewage Treatment and Recycling of Water

The sewage generation is estimated at 491.51 KLD for all the users.

STP based upon MBBR Technology is proposed.

Capacity of STP is 510 KLD

Manpower must be employed for operation of the plant.

Action –

1. Appointment of operator/s for the STP
2. Check All Pumps (Inlet, Sludge, Garden Feed- Rewinding requirement)
3. Check All Air Blowers
4. Automation Panel Inspection
5. Regular ACF/PSF check (with respect to operations)
6. As MBBR system is installed, check MBBR Media Periodically.
7. Training of the appointed persons- Sludge Recycling/Feed Pump/ Automation/Backwashing
8. Ascertaining the operations of the plant and keeping the 'LOG' for the operations
9. Recording the sub- meter readings for the cost calculations and continued operations
10. Recording the output water qty from water meter
11. Periodically removal of Grit from grit chamber, Regular check of Bar Screen Chamber
12. Check filter (ACF/PSF) media.

Reporting –

1. The water sample testing to be carried every month (MoEF Approved Lab)
2. The sample test must attain parameters as per CPCB / MoEF norms
3. Machine operation 'LOG' must be maintained
4. Environmental Monitoring Cell will maintain site specific compliance data.

Corrective Measures – In case of non-attainment of parameters, immediate intimation and action from the maintenance contractor against AMC

Cost Estimate –

Capital Cost	Rs 109.60 lakhs
Annual Maintenance Cost	Rs 23.50 lakhs/annum

Responsibility – It is the responsibility of the Environment Manager to enter into an Agreement with Authorized Agency through the Society

Landscape Providing Biodiversity

Proposed Plantation = 178 nos.

Action –

1. Appointing the Gardener for the plantation considered at the site.
2. Plant the trees.
3. Provide barricades to the trees to safeguard.
4. Watering to be done using recycled water.
5. Reporting –
6. Record of the plantation to be maintained.
7. Numbering the plants to ascertain the total proposed is maintained.
8. Corrective Measures – Harvesting of the plants to ascertain no growth on hindering the clear driveway.

Cost estimates –

Capital Cost	Rs 23.08 lakhs
Annual Maintenance Cost	Rs 3.69 lakhs

Rainwater Harvesting

Rainwater harvesting should be carried out in the property to enhance the availability of groundwater. Rainwater harvesting can be carried out by constructing bores at the recommended locations. If possible, controlled blasting should be carried out at the bottom of the bore-wells.

Recommended bore wells should be supported by 8 nos. of percolation pits according to recommended design.

Action –

1. Check all RWH pits are properly covered with grill
2. Clean all RWH pits before rainy season
3. Ascertain no parking is made on RWH pits
4. Ascertain RWH Pits are not covered clogging water
5. Clean terrace drains before rainy season
6. Allocate job of cleaning to society sweeper / cleaner
7. Clean storm water drains every year

Corrective Measures –

Consult plumbing service provider in case water clogging is found during rainy season

Cost estimates –

Capital Cost	Rs 6 lakhs
Annual Maintenance Cost	Rs 1.2 lakhs

Solar Panels for Water and PV Generation

Solar water provision is made at approx. 41100 litre/day

Solar PV Generation proposed 24.97 KW

Action –

1. Check solar water installations are made connected
2. Keep solar panels clean for best results (once a week)
3. Check all PV panels are properly connected
4. Keep PV panels clean for better results
5. Ascertaining the upkeep of solar panel in timely intervals (AMC – Quarterly check)

Corrective Measures –

Change the solar panels which are defective or non-functional or due to breakage

Cost estimates –

Capital Cost	Rs 130.75 lakhs
Annual Maintenance Cost	Rs 13 lakhs

Environment monitoring program during operational phase

Sr.	Item	Parameters	Frequency	Location
1	Ambient air Quality	PM2.5 & PM10, SO ₂ , NO _x , O ₃ , Pb, NH ₃ , C ₆ H ₆ , BaP, As, Ni	24 hours for two alternate days in a month or as stipulated by SPCB	Periphery of the site.
		CO	8 hours twice a week every three months	Periphery of the site.
2	Noise level	Equivalent noise Level	Monthly	Near DG sets, Near STP, Near parking area.
3	Exhaust from DG set	PM2.5 & PM10, SO ₂ , NO _x	Monthly	Stack of DG sets.

Sr.	Item	Parameters	Frequency	Location
4	Water analysis	Colour and odour, Suspended solids, pH, turbidity, total dissolved solid, Calcium, Chloride, Fluoride, Residual free chlorine, Iron, magnesium, nitrate, sulphate, Phenolphthalein Alkalinity, Total hardness, total coliform, E-coli etc. (As prescribed by Pollution Control Board and updated from time to time)	Monthly	Raw Water Tank & Drinking Water Tank
5	Waste Water from STP	As specified and attached in Annexure - E	Monthly / On line Monitoring if prescribed by SPCB	Treated Water Tank
6	Manure quality & Dried Sewage Sludge Analysis	Along with the Wet Waste - as composted	Once a Month	Composted output

Monitoring Methodology -

1. Monthly monitoring
2. Selecting the points
3. Contract with Authorized Laboratory for monitoring
4. Action -
5. Points - Parking under each building
6. DG set point
7. STP area
8. Solid waste processing area

Corrective Measures - As suggested by the monitoring agency

DG Set - air and noise monitoring

Action -

1. Monthly monitoring
2. Stack Monitoring

3. Contract with Authorized Laboratory for monitoring
Corrective Measures –
As suggested by the monitoring agency

8. Environmental Management Audits:

The management audits are to determine whether the activities are conforming to the environmental management systems and effective in implanting the environmental policy. They may be internal or external, but carried out impartially and effectively by a person properly trained for it. A broad knowledge of the environmental process and expertise in relevant disciplines is also required. An appropriate audit programs and protocols will be established.

Action -

Appointment of Consultant for Environmental Audit

Corrective Measures –

As suggested by the monitoring agency

Cost Estimates for Monitoring & Environmental Audit- Rs. 1.80 Lacs/ Annum

ANNEXURES

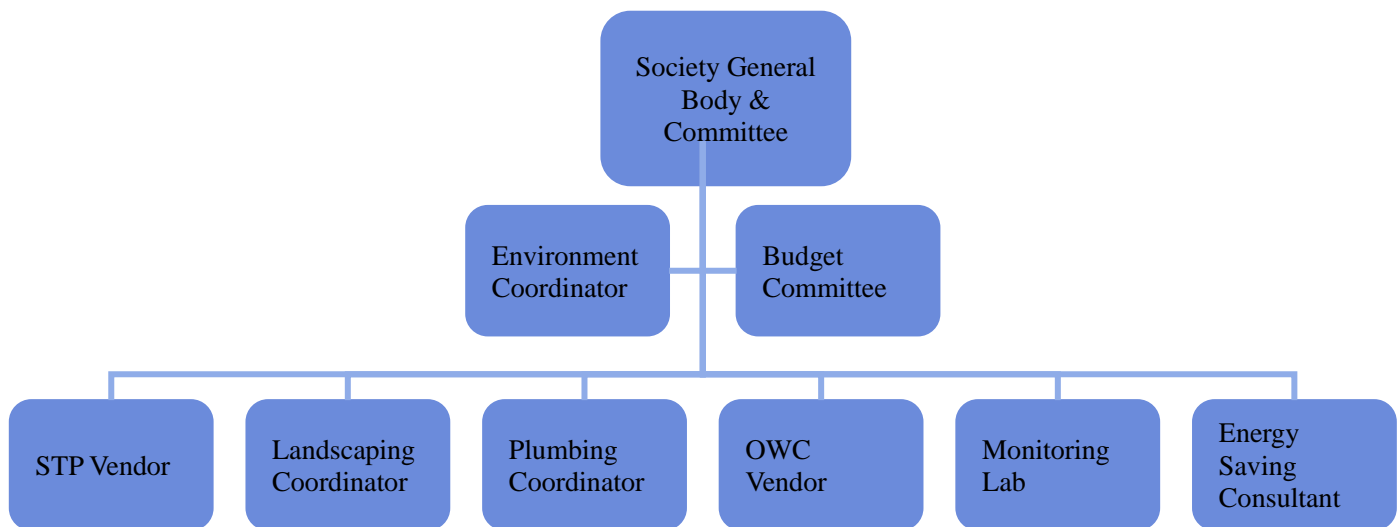
A. Applicable Laws and Compliance

Statutory Compliance
Table: Statutory Laws

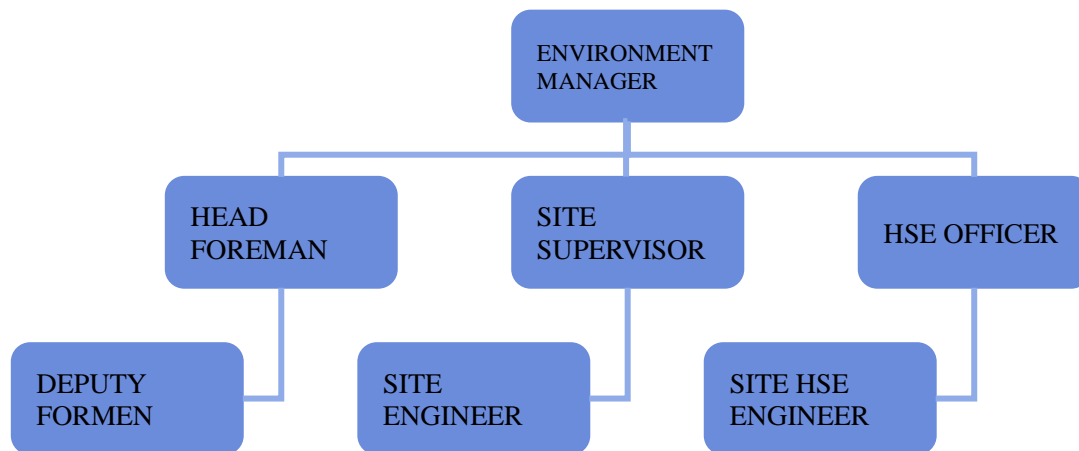
ACT	Responsibilities under section	Penalties under section
Water (Prevention & Control Of Pollution) ACT, 1974 (No 6 OF 1974)	19, 20 (2) & (3), 21 (3) (e), 23, 24 (1) (a), 24 (1)(b),25(1) &26, 25(4) & 26, 27(2),28, 28, 29, 31 (1), 32(1)(c), 33(3)(1), 33 A	41(1), 41(2), 42(1), 42(2), 43, 44, 45, 45A
Environment Protection Act, 1986 (No 29 of 1986)	5, 7, 8, 9(1), 9(3), 10(1), 10(2), 11(1)	15, 26

* We will comply with Construction Workers Safety and Welfare Act.

B. Environment Management Cell during Construction Phase



C. Environment Management Cell during Operation Phase



D. Parameters for Wet Waste

Parameters	SPECIFICATION OF ORGANIC FERTILIZER
Moisture (% by weight)	15.0-25.0
Colour	Dark brown to black
Odour	Absence of foul odour
Particle size	Minimum 90 % material should pass through 4.0 mm IS sieve
Bulk density (g/cm ³)	Less than 1.0
Total organic Carbon (% by weight min)	12.00
Total Nitrogen as N (% by weight min)	0.80
Total Phosphates as P ₂ O ₅ (% by weight min)	0.40
Total Potash as K ₂ O (% by weight min)	0.40
C:N ratio	Less than 20
pH	6.5-7.5
Conductivity(as dsm-1)	Not more than 4.0
Pathogens	Nil
Arsenic as As ₂ O ₃ (mg per kg)	10.00(Max.)
Cadmium as Cd(mg per kg)	5.00(Max.)

Chromium as Cr(mg per kg)	50.00(Max.)
Copper as Cu(mg per kg)	300(Max)
Mercury as Hg(mg per kg)	0.15(Max.)
Nickel as Ni(mg per kg)	50.00(Max.)
Lead as Pb(mg per kg)	100.00(Max.)
Zinc as Zn(mg per kg)	1000.00(Max.)

E. Parameters for Treated Sewage

Sr. No.	Design Parameters	Permissible limit for discharge to inland surface water per schedule 6 of EP Act 1986/As per latest NGT order	Attended Parameters
1.	pH	6.5-7.5	6.5-7.5
2.	Color & odour	Colourless/odourless	Colourless/odourless
3.	Temperature	Shall not exceed 5°C above the receiving	Shall not exceed 5°C above the receiving
4.	Oil & Grease (mg/l)	<5	<5
5.	Biological Oxygen Demand (BOD) (mg/l)	<10	<10
6.	Chemical Oxygen Demand (COD) (mg/l)	<30	<30
7.	Total Suspended Solid (TSS) (mg/l)	<10	<10
8.	Total Nitrogen (mg/l)	<10	<10
9.	Nitrate (mg/l)	<10	<10
10.	Dissolve PO ₄ (as P) (mg/l)	<1	<1
11.	Faecal Coliform (MPN/100 ml)	No/100ML	No/100ML
12.	Residual Chlorine (ppm)	1.0	1.0

13.	Ammonical nitrogen (as N) mg/l Max	5.0	5.0
14.	Free Ammonia (as N) mg/l Max,	5	5
15.	Arsenic (as As) mg/l Max	0.2	0.2
16.	Lead (as pb) mg/l Max	0.1	0.1
17.	Cadmium(as cd) mg/l Max	2.0	2.0
18.	Hexavalent chromium (as Cr) mg/l Max	0.1	0.1
19.	Total chromium (as Cr) mg/l Max	2.0	2.0
20.	Copper (as Cu) mg/l Max	3.0	3.0
21.	Zinc(as Zn) mg/l Max	5.0	5.0
22.	Nickel (as Ni) mg/l Max	3.0	3.0
23.	Fluoride(as F) mg/l Max	2.0	2.0
24	Manganese (as Mn)	2.0	2.0
25.	Sulphide(as S) mg/l Max	2.0	2.0
26.	Phenolic compounds (as C6H5OH) mg/l Max	1.0	1.0
27.	Iron (as Fe) mg/l, Max	3.0	3.0

F. Ambient Air

Sr. No.	Pollutants	Time Weighted Average	Concentration to be achieved as per National Ambient Air Quality Standards, 18.11.2009
1	PM10	24 Hours	100 µg/m ³
2	PM2.5	24 Hours	60 µg/m ³
3	SO ₂	24 Hours	80 µg/m ³
4	NO ₂	24 Hours	80 µg/m ³
5	CO	8 Hours	2 mg/m ³
6	O ₃	8 Hours	100 µg/m ³
7	NH ₃	24 Hours	400 µg/m ³
8	Pb	24 Hours	1 µg/m ³

G. Drinking Water Quality

Sr. No.	Pollutants	Acceptable Limit as per BIS Standards	Sr. No.	Pollutants	Acceptable Limit as per BIS Standards
1	Colour	5 Hazen units, Max	14	Sulphate (as SO ₄)	200 mg/l, Max
2	Odour	Agreeable	15	Sulphide	0.05 mg/l, Max
3	pH	6.5-8.5	16	Chloride	250 mg/l, Max
4	Taste	Agreeable	17	Fluoride	1 mg/l, Max
5	Turbidity	1 NTU, Max	18	Iron	0.3 mg/l, Max
6	Total Dissolved Solids	500 mg/l, Max	19	Free Residual chlorine	0.2 mg/l, Max
7	Mineral Oil	0.5 mg/l, Max	20	Faecal Coliform	Absent
8	Total Hardness (as CaCO ₃)	200 mg/l, Max	21	Cd	0.003 mg/l, Max
9	Aluminium	0.03	22	Cr	0.05 mg/l, Max
10	Calcium	75	23	Cu	0.05 mg/l, Max
11	Magnesium	30	24	Ni	0.02 mg/l, Max
12	Total Alkalinity (as CaCO ₃)	200 mg/l, Max	25	Pb	0.01 mg/l, Max
13	Nitrate (as NO ₃)	45	26	Zn	5 mg/l, Max

H.Environment Management Plan Budgetary Allocation

Pollution Control & Other Environment Infrastructure	Capital Cost In Rs. Lakhs	Annual O & M Cost in Rs. Lakhs
During Construction Phase:		
Water for Construction, Labour & Dust Suppression	0	4.0
Site Sanitation and Health & Safety PPE Kits	0	3.0
Environmental Monitoring	0	4.0
Disinfection & Health and Safety	0	3.0
Health Check up	0	3.0
Total (A)	0	17.0
During Operation Phase		
Rainwater Harvesting	6.0	1.20
Sewage Treatment Plant	109.60	23.5
Solid Waste Management	14.00	4.50
Tree Plantation	23.08	3.69
Energy Saving	130.75	13.00
Environmental Monitoring	0	6.0
Disaster Management Cost	320.94	16.05
Total (B)	604.37	67.94

Proposed Corporate Environment Responsibility Cost = Rs. 82,00,000/- (over the period of 5 years)
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J. Parameters as prescribed by Authority

FREQUENCY OF MONITORING AND PARAMETERS FOR POST- PROJECT ENVIRONMENTAL MONITORING WORK

1. MICRO-METEOROLOGY:

Parameters:

- ☒☒ Wind direction
- ☒☒ Wind speed
- ☒☒ Temperature
- ☒☒ Relative Humidity
- ☒☒ Rain fall

Frequency:

Continuous monitoring of meteorological parameters using automatic weather station on daily basis.

2. AIR QUALITY MONITORING: (As per Gazette Notification GSR 742 (E) dt:

25.9.2000 and GSR-826 (E), dt. 16.11.2009)

Parameters:

1. Particulate Matter (Size less than 10 μm) or PM10
2. Particulate Matter (Size less than 2.5 μm) or PM2.5
3. Sulphur Dioxide (SO₂)
4. Oxides of Nitrogen (NO_x)

Frequency:

Air quality monitoring has to be carried out at a frequency of once in a fortnight (24 hourly sampling) at the identified stations near the dust generating sources.

3. WATER QUALITY MONITORING:

I) Effluents (monitoring of four parameters): As per standards GSR 742 (E) and

GSR 801 (E)

Parameters:

1. pH
2. Total Suspended Solids (TSS)
3. Chemical Oxygen Demand (COD)
4. Oil and Grease (O&G)

Frequency:

All the industrial effluents shall be monitored at a frequency of once in a fortnight.

II) Surface water samples: As per standards IS: 2296

Parameters:

All the parameters for surface water bodies basing on the classification as per their utilization pattern

Frequency:

Monitoring Frequency for these parameters shall be once in three months.

III) Ground water samples: As per standards IS: 10500

Parameters:

All the parameters as specified in IS: 10500 shall be analyzed for Ground water samples

Frequency:

Monitoring Frequency for these parameters shall be once in three months.

IV) Hospital Effluents for six parameters: (As per gazette notifications S.O.630 (E) issued by MoEF on Bio-Medical Waste (Management and Handling) Rules, 1998).

Parameters:

1. pH
2. Total Suspended solids (TSS)
3. Oil & Grease
4. Bio-Chemical Oxygen Demand (BOD)
5. Chemical Oxygen demand (COD)
6. Bio-Assay Test

Frequency:

Monitoring Frequency for these parameters shall be once in three months.

V) Effluents excluding hospital effluents (monitoring of all parameters):

Parameters:

All the Parameters as specified in Part-A of General Standards for Discharge of Environmental Pollutants.

Frequency:

Monitoring shall be done once in a month.

4. NOISE LEVEL MONITORING: As per Gazette Notification GSR 742 (E) dt: 25.9.2000

Parameters:

Recording of Leq noise levels for day time (6.00 AM-10.00 PM) and night time (10.00

PM-6.00 AM))

Frequency:

Monitoring Frequency for these parameters shall be once in a Fortnight.

5. VEHICULAR EMISSION MONITORING: As per CPCB standards

Parameters:

Smoke Density of the exhaust emissions for Heavy Earth Moving Machinery (HEMM)

has to be monitored in Hartridge units (HU in %) / light absorption coefficient (K in m⁻¹).

Frequency:

Monitoring Frequency for these parameters shall be once in six months.

6. Heavy metals in Coal and particulate matter:

Parameters:

Analysis of coal and particulate matter for the presence of heavy metals such as Hg, Pb, Cd, Cr, Ni, As etc.

Frequency:

Monitoring Frequency for these parameters shall be once in six months for particulate and coal samples.











TEST REPORT

Report No:	EFEL/PRO/2024/03/35	Issue Date	09/03/2024
Name and Address of Customer	M/s. Galaxy Ventures project at Pinnacle Pride I CTS 1544A/1545, 101, Tilak Road, Sadashiv Peth, Pune 411030.		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	04/03/2024	Sampling duration	1440 Min
Sampling Location	Near Main Gate	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	26°C	Wet bulb temperature	25°C
Relative Humidity	47% RH	Sampling done by	Client
Start Date of Analysis	05/03/2024	End Date of Analysis	09/03/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	19.6	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO ₂)	26.3	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	59.4	µg/m ³	≤ 100	CPCB 6.8 for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	31.8	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.92	mg/m ³	≤ 04	
6	Ozone(O ₃)	<20	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	<5	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m ³	≤ 1.0	
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	

Remark- All above results are within National Ambient Air Quality standards.
BDL – Below Detectable Limit.



Shelar

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Page 01 of 01



TEST REPORT

Report No:	EFEL/PRO/2024/03/36	Issue Date	09/03/2024
Name and Address of Customer	M/s. Galaxy Ventures project at Pinnacle Pride I CTS 1544A/1545, 101, Tilak Road, Sadashiv Peth, Pune 411030.		
Sample Name	Drinking Water	Sample Description	Drinking water
Date of Sampling	04/03/2024	Sampling duration	--
Sampling Location	Labour Camp Filter	Sampling Procedure	APHA 1060
Sampling done by	Client	Sample Quantity	1Ltr
Start Date of Analysis	05/03/2024	End Date of Analysis	09/03/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (IS 10500)	Methods
1	pH at 25°C	7.15	--	6.5 to 8.5	APHA 4500 H+ A, 23 rd Ed.2017
2	Total Dissolved Solids TDS	50.8	mg/L	<500	APHA 2540 C, 23 rd Ed.2017
3	Total Hardness (as CaCO ₃)	23.7	mg/L	<200	IS 3025 (Part 21)
4	Total Alkalinity	7.05	mg/L	<200	IS 3025 (Part 23)
5	Sulphate (as SO ₄)	4.89	mg/L	<200	IS 3025 (Part 24)
6	Nitrate(as NO ₃)	0.20	mg/L	<45	APHA 4500 NO3, 23 rd Ed.2017
7	Fluoride (as F)	<0.05	mg/L	<1.0	APHA 4500 F, 23 rd Ed.2017
8	Residual Free Chlorine	<0.05	mg/L	<0.2	APHA 4500 Cl, 23 rd Ed.2017
9	Chloride (as Cl)	16.3	mg/L	<250	APHA 4500 Cl-, 23 rd Ed.2017
10	Calcium (as Ca)	3.9	mg/L	<75	IS 3025 (Part 40)
11	Magnesium (as Mg)	2.5	mg/L	<30	IS 3025 (Part 46)
12	Iron (as Fe)	<0.05	mg/L	<0.3	APHA 3111, 23 rd Ed.2017
13	Total Coliform	<2	MPN/100ml	<2	IS 1622:1981
14	E.coli.	<2	MPN/100m	<2	IS 1622:1981

Remark(s):

- > The above water sample is Comply with required limit as per 10500:2012.
- > For Total Coliform & E.coli. <2 can be consider as Zero [Refer IS:1622 (R.A.1996), Table No.-4].



Mahesh Shelar

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)



TEST REPORT

Report No:	EFEL/PRO/2024/03/37	Issue Date	09/03/2024
Name and Address of Customer	M/s. Galaxy Ventures project at Pinnacle Pride I CTS 1544A/1545, 101, Tilak Road, Sadashiv Peth, Pune 411030.		
Sample Name	Noise	Sample Description	Ambient Noise
Date of Sampling	04/03/2024	Sampling duration	Spot Time
Sampling done by	Client	Sampling Location	Near Main Gate

Noise Monitoring Report

Timing	Result dB(A)	Timing	Result dB(A)	Unit	CPCB Standards dB(A)	
06.00	55.2	18.00	51.9	dB(A)	75/70	
07.00	57.6	19.00	52.5	dB(A)		
08.00	56.9	20.00	51.9	dB(A)		
09.00	57.1	21.00	48.1	dB(A)		
10.00	56.8	22.00	50.4	dB(A)		
11.00	55.7	23.00	47.3	dB(A)		
12.00	55.1	24.00	44.9	dB(A)		
13.00	56.3	01.00	45.2	dB(A)		
14.00	54.8	02.00	47.8	dB(A)		
15.00	55.1	03.00	45.4	dB(A)		
16.00	53.2	04.00	46.1	dB(A)		
17.00	50.8	05.00	48.2	dB(A)		
Day Time Leq	53.9					
Night Time Leq	47.1					

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.



Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Date: -19/01/2024

To,
The Hon'ble Chairman,
SEAC 3,
Maharashtra,
Mantralaya,
Mumbai – 32

Subject: - Architect Certificate regarding area details as per Previous EC and as per new EC Application.

Respected Sir,

I am appointed as an Architect for the Proposed Project "The Orizzonte" at S.No. 26, Hissa No. 3, S.No. 27, Hissa No. 1(P), Village - Sus, Taluka – Mulshi, Pune by M/s Galaxy Ventures.

We have obtained previous EC for the above-mentioned project vide number SIA/MH/MIS/120554/2019 Dated 08/07/2020.

FSI as per previous EC	=	26385.54 Sqm
Non-FSI as per previous EC	=	28923.51 Sqm
Total BUA as per previous EC	=	55309.05 Sqm

We have now applied for Environment Clearance vide application number SIA/MH/INFRA2/457804/2024 dated 01/01/2024, with proposed area details for EC as follows –

Total Proposed FSI for EC =	84460.97	sqm
Total Proposed Non-FSI for EC =	51276.01	sqm
Total Proposed Built-Up Area for EC =	135736.98	sqm

We certify that the PP has started Excavation activity on site as per previous obtained EC.

I hereby give confirmation on the same on this 19/01/2024.

Regards,


AR. Swapnil Sheth.
(CA/95/18719)

**67-J, Sector No. 27, PCNTD,
Nigdi, Pune- 411044.**



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/120554/2019
 Environment Department
 Room No. 217, 2nd Floor,
 Mantralaya,
 Mumbai- 400032.
 Date:08.07.2020.

To
 M/s.GARNET BUILDERS AND DEVELOPERS
 Sr.no.26, Hissa no.-3, Sr.no.27, Hissa no.-1(P),
 Village Sus, Taluka Mulshi, District- Pune

Subject : Environment Clearance for CONSTRUCTION Project at Sr.no.26, Hissa no.-3, Sr.no.27, Hissa no.-1(P), Village Sus, Taluka Mulshi, District- Pune by M/s.GARNET BUILDERS AND DEVELOPERS

Reference : Application no. SIA/MH/MIS/120554/2019

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-3 in its 108th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 200th meeting of State Level Environment Impact Assessment Authority (SEIAA).

2. **Brief Information of the project submitted by you is as below:-**

Name of Project	Residential & commercial project on Sr.no.26, Hissa no.-3, Sr.no.27, Hissa no.-1(P). Village Sus, Taluka Mulshi, District- Pune	
Project category	Infrastructure and Miscellaneous Projects + CRZ	
Type of Institution	Private	
Project Proponent	Name	Manoj Oswal, Garnet Builders & Developers
	Regd. Office address	Pinnacle Pride 1, CTS 1544A/1545, 101, Tilak Road, Sadashiv Peth, Pune 411030.
Consultant	VK: e Environmental LLP Pune	
Applied for	New Construction Project	
Details of previous EC	NA	
Location of the project	Pinnacle Pride 1, CTS 1544A/1545, 101, Tilak Road, Sadashiv Peth, Pune 411030	
Latitude and Longitude	18°32'59.50"N, 73°53'50.20"E	
Total Plot Area (m2)	18600	
Deductions (m2)	3997.91 (Road Deductions + Amonity Space)	
Net Plot area (m2)	14602.09	
Proposed FSI area (m2)	26385.54	
Proposed non-FSI area (m2)	28923.51	
Proposed TBUA (m2)	55309.05	
TBUA (m2) approved by Planning Authority till date	55309.05 m ² DATED 28/01/2020	
Ground coverage (m2) & %	4603.07	
Total Project Cost (Rs.)	98,09,60,160	
Details of Building Configuration:		Reason for

Previous EC / Existing Building			Proposed Configuration			Modification / Change
Building	Configuration	Height	Building	Configuration	Height (m)	NA
			Wing A	B+P+14 Floor	42.9	
			Wing B	B+P+14 Floor	42.9	NA
			Wing C	B+P+14 Floor	42.9	NA
			Wing D	B+P+14 Floor	42.9	NA
			Wing E	B+P+14 Floor	42.9	NA
			Wing F	B+P+14 Floor	42.9	NA
			Commercial 1	2B+P+ 3 Floor	15.60	NA
			Commercial 1	2B+P+ 3 Floor	15.60	NA
Total number of tenements			Residential: 336 Shops & offices: 109 Total Populations - Residential Population : 1680 Commercial users: 783 (Commercial 592 + restaurant 191)			
Water Budget	Dry Season (CMD)			Wet Season (CMD)		
	Fresh Water	181	Fresh Water	181		
	Recycled for Flushing	90	Recycled for Flushing	90		
	Swimming Pool	5	Swimming Pool	0		
	Landscaping	27	Landscaping	0		
	Total water requirement	303	Total water requirement	271		
	Waste water generation	233	Waste water generation	233		
Water Storage Capacity for Firefighting/UGT	250 m ³ capacity of underground water storage tank & 120 m ³ capacity of overhead fire water tank .					
Source of water	PMC					
Rainwater Harvesting (RWH)	Level of the Ground water table:		pre monsoon water levels are 11.4 m b.g.l Post monsoon water levels 6.2 m b.g.l.			
	Size and no of RWH tank(s) and Quantity:		-			
	Quantity and size of recharge pits:		1) 1m x 1m and 1.2m below storm water inlet level with bore-well of 60 m			
	Details of UGT tanks if any:		-			
Sewage and Wastewater	Sewage generation in CMD:		233			
	STP technology:		MBBR			
	Capacity of STP (CMD):		320			
Solid Waste Management during Construction Phase	Type	Quantity (kg/d)	Treatment / disposal			
	Dry waste:	8	Will be handed over to SWaCH			
	Wet waste:	12	Will be operated in OWC			
	Construction waste	-	The construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling			
Solid Waste	Type	Quantity (kg/d)	Treatment / disposal			
	Dry waste:	482	Will be handed over to SWACH			

Management during Operation Phase	Wet waste:	650	Treated with OWC	
	Hazardous waste:	NA	NA	
	Biomedical waste	NA	NA	
	E-Waste	4.44	Will be Handed over to Hi tech recyclers	
	STP Sludge (dry)	24	Used as manure for Landscaping	
Green Belt Development	Total RG area (m ²):		2327.24	
	Existing trees on plot:		01	
	Number of trees to be planted:		210	
	Number of trees to be cut:		00	
	Number of trees to be transplanted		00	
Power requirement:	Source of power supply:		MSEDCL	
	During Construction Phase (Demand Load):		143 kVA	
	During Operation phase (Connected load):		2988.80 KW	
	During Operation phase (Demand load):		1414.84 KW	
	Transformer:		630 kVA (3 nos.)	
	DG set:		1 x 250 KVA, 1 x 100 KVA, 2 x 320 KVA	
	Fuel used:		HSD	
Details of Energy saving	Total Energy Saving : i.e. (18 % Savings) /year, Energy saving due to solar :i.e. (8.34 % Savings)			
Environmental Management plan budget during Construction phase	Sr. No.	Details		Cost
	1	Erosion control – dust suppression measures, barricading and topsoil preservation		17,49,616/-
	2	Labour Camp toilets & sanitation		4,80,000/-
	3	Labour Safety Equipment's and training		4,00,000/-
	4	Environmental Monitoring		3,26,500/-
	5	Disinfection and Health Check-ups		51,000/-
	6	Environmental Monitoring Cell		1,70,000/-
		Total		31,77,116/-
Environmental Management plan Budget during Operation phase	Component	Details	Capital (Rs.)	O&M (Rs./Y)
	Sewage treatment	303 KLD STP	68,00,000/-	12,09,900/-
	RWH	11 nos of Recharge pits	11,00,000/-	1,00,000/-
	Solid Waste	OWC plant	25,75,000/-	5,44,710/-
	Green belt development		43,00,000/-	6,00,000/-
	Energy saving	Solar PV	20,60,000/-	41,200/-
	Environmental Monitoring	Air, Noise, water, OWC manure	-	1,85,600/-
	Lightning Arrester Cost	-	23,22,000 /-	-
Traffic Management	Type	Required as per DCR	Actual Provided	Area per parking (m2)
	4-Wheeler	140	140	12.50 sqm.
	2-Wheeler	734	734	2.00 sqm

Bicycles	734	734	0.70 sqm
Details of Court cases / litigations w.r.t. the project and project location if any.			NA

3. The proposal has been considered by SEIAA in its 200th meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

- i. PP to ensure that CER plan gets approved from Municipal Commissioner.
- ii. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
- iii. SEIAA decided to grant EC for -FSI: 26385.54 m², Non-FSI: 28923.51 m² and Total BUA: 55309.05 m² (Plan Approval no-CR. 40-18-20/Sus/CTS no 26-2/26 (P), Dated-28.01.2020)

General Conditions:

- i. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- ii. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- iii. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- iv. PP has to abide by the conditions stipulated by SEAC& SEIAA.
- v. The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & 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.
- vi. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- vii. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- viii. 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.
- ix. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- x. Disposal of muck during construction phase should not create any adverse effect on the neighbouring 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.
- xi. Arrangement shall be made that waste water and storm water do not get mixed.
- xii. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- xiii. Additional soil for levelling 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.
- xiv. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- xv. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- xvi. Construction spoils, including bituminous material and other hazardous materials must not be

allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.

- xvii. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- xviii. 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.
- xix. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- xx. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- xxi. 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/MPCB.
- xxii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- xxiii. Ready mixed concrete must be used in building construction.
- xxiv. Storm water control and its re-use as per CGWB and BIS standards for various applications.
- xxv. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xxvi. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.³
- xxvii. The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
- xxviii. Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- xxix. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
- xxx. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- xxxi. Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- xxxii. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.
- xxxiii. Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
- xxxiv. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal

to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.

- xxxv. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- xxxvi. 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.
- xxxvii. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.
- xxxviii. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- xxxix. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
 - xl. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
 - xli. Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
 - xlj. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
 - xljii. Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
 - xliv. Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
 - xlv. A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
 - xlvi. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
 - xlvii. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
 - xlviii. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
 - xlix. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>
 - 1. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
 - li. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 - lii. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall

- simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- iii. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- liv. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Anil Diggaikar
(Member Secretary, SEIAA)

Copy to:

1. Shri Johny Joseph, Chairman, SEIAA.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Pune.
7. Commissioner, PMRDA
8. Regional Officer, Maharashtra Pollution Control Board, Pune.

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781
/24037124/24035273
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/24023516
Email : jdwater @mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor,
Sion- Matunga Scheme Road No. 8,
Opp. Cine Planet Cinema, Near Sion Circle,
Sion (E), Mumbai - 400022

Infrastructure /RED/MSI

Consent order No: Format1.0/BO/JD (WPC)/UAN-087225/CE/CC-2006001259 | 29.6.2020

To,
M/s. Garnet Builders & Developers ,
S.No. 26, Hissa No.3, Sr no. 27, Hissa No. -1 (P),
Village Sus, Taluka Mulashi, Dist: Pune

Sub: Consent to Establish Construction of Proposed Residential Project granted under Red Category.

Ref: 1. Your Application vide UAN No. -0000087225 Dated: 20/01/2020.

For: Consent to Establish for Construction of Proposed Residential project under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & TM) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period up to commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs.98.09 Cr.
(As per undertaking submitted by project proponent)

The Consent to Establish for Expansion is valid for construction of Housing Project named as M/s. Garnet Builders & Developers ,S.No. 26, Hissa No.3, Sr no. 27, Hissa No. -1 (P), Village Sus, Taluka Mulashi, Dist: Pune for total plot area of 18600.0 Sqm and Proposed total construction built up area 55309.05 Sqm, including utilities and services as per Commencement Certificate issued by local body.

3. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	233.00	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

4. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1.	DG Set	250 KVA	1	As Per Schedule -II
2.	DG Set	100 KVA	1	As Per Schedule -II
3.	DG Set	640 KVA	2	As Per Schedule -II

M/s. Garnet Developers

UAN 087225

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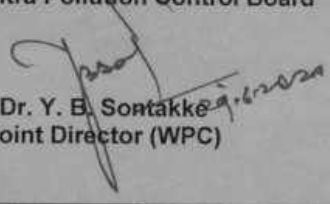


5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Wet garbage	650.00 Kg/Day	Organics waste Converter with composting facility / Biogas digester with composting facility	Used as Manure
2	Dry garbage	482.00 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3.	STP sludge	24.00 Kg/day	STP	Used as manure

6. Project proponent shall not take any effective steps towards implementation of projects prior to obtaining Environment Clearance as per EIA Notification 2006 & amendments thereto.
7. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.
8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
11. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.
12. Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.
13. Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.

For and on behalf of the
Maharashtra Pollution Control Board


Dr. Y. B. Sontakke
Joint Director (WPC)

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction . No.	Date	Drawn On
1	125000/-	RHDF8525993595	15/02/2020	--

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune-II . They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updating purposes.



Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of 320.00 CMD
- B) The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1.	pH	Between	6.5 to 9.0
2.	Total Suspended Solids	Not more than	20 mg/l.
3.	BOD 3 Days 27 degree C	Not more than	10 mg/l.
4.	Chemical oxygen Demand (COD)	Not to more than	50 mg/l.
5.	NH4 N	Not more than	5 mg/l.
6.	N Total	Not more than	10 mg/l.
7.	Fecal Coliform MPN/100 MI	Less than	100.0

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.
- D) Project proponent shall operate STP for five years from the date of obtaining occupation certificate.
- The Board reserves its rights to review plans, Specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant should obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto

- 2) The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	303.00

- 4) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO ₂
1.	DG Set (250 KVA)	Acoustic enclosure	3.16	HSD	171	Lit/Hr	--	--
	DG Set 640 KVA) 2 nos	Acoustic enclosure	5.0 each stack	HSD	110	Lit/Hr	--	--
	DG Set (100KVA)	Acoustic enclosure	2.0	HSD	20	Lit/Hr	--	--

* Above roof of the building in which it is installed.

2. The applicant should operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Particulate matter	Not to exceed	150 mg/Nm ³ .
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3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 10 lakh	15 Days	Towards Compliance of EC and consent conditions.	Up to Commissioning of the project	Up to Commissioning of the project

Maharashtra Pollution Control Board



Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) The applicant shall comply with the notification of MOEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) The treated sewage shall be disinfected using suitable disinfection method
- 9) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992
- 10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**



॥ श्री भैरवनाथ प्रसन्न ॥
सहकार समृद्धी विकास

ग्रामपंचायत सुस



ता. मुळशी, जि. पुणे - ४११ ०२१

ई मेल : grampanchyatsus1010@gmail.com

ISO - 9001 : 2008

श्री. व्ही. डी. साकोरे

ग्रामविकास अधिकारी

सौ. अपूर्वा अमित निकालजे

सरपंच

जावक क्र : २०८/२०१९

दिनांक : ६/२/२०१९

प्रती,

मे. गार्नेट बिल्डर्स अँड डेव्हलपर्स,

सुस ता. मुळशी जि. पुणे



विषय :- सर्वे नं. २६/३, २७/१(P) मधील प्रस्तावित गृहप्रकल्पासाठी पाणीपुरवठा आणि
मल: निस्सारण नलिकांची जोडणी करण्यासंदर्भात ना-हरकत दाखला मिळण्याबाबत.

संदर्भ :- १) तुमचा अर्ज दिनांक १६/११/२०१९.

२) ग्रा.पं.मासिक सभा दिनांक :- २६/११/२०१९.

महोदय,

ग्रामपंचायत सुसचे हद्दीतील सर्वे नं. २६/३, २७/१(P) वर आपण स्वतः नियमाप्रमाणे गृहप्रकल्पाचे बांधकामास शासकीय परवानगी घेऊन करण्याचे नियोजन करत आहात. भविष्यकालीन या गृहप्रकल्पाकरिता ग्रामपंचायत सुस कडून ३८७ केएलडी पाणीपुरवठा मागणी केली आहे आणि सांडपाण्याचे एकूण प्रमाण २१० केएलडी आहे. तरी नलिकांची जोडणीकरीता ना-हरकतीचा दाखलाची मागणी संदर्भ क्र. १ अन्वये केली आहे.

हया हद्दीत ग्रामपंचायतीला पुणे महानगरपालिकेकडून मर्यादित पाणी मिळत आहे. ग्रामपंचायतीने वाढीव पाणीपुरवठ्याची मागणी पुणे म.न.पा. कडे केलेली आहे. भविष्यकाळात पुणे म.न.पा. कडून ग्रामपंचायतीला पुरेसे पाणी उपलब्ध झालेनंतर आपले गृहप्रकल्पाला पाणी पुरवठा करण्याचे नियोजन शक्य होईल, तोपर्यंत आपण या गृहप्रकल्पाला लागणारा पाणीपुरवठा जबाबदारीने करण्यात यावा.

मल:निस्सारण नलिकांची जोडणी ग्रामपंचायतीच्या मुख्य लाइन पर्यंत स्वखर्चाने करण्यास ग्रामपंचायतीची हरकत नाही.

प्रमाणे ग्रामपंचायतीकडून ना-हरकत दाखला देण्यात येत आहे.

ग्रामविकास अधिकारी

ग्रामपंचायत सुस
ता. मुळशी, जि. पुणे.

सरपंच

ग्रामपंचायत सुस
ता. मुळशी, जि. पुणे.

To,
M/S. Garnet Builders And Developers,
Office At,Pinnacle Pride 1, CTS 1544A/1545,
101, Tilak Road,Sadashive Peth, Pune. 411030.

Sub: - Facilitating Solid Waste Management at your Commercial/Residential project "**Residential Bldg.**" Situated at Sr. No. 26, Hissa no.- 3, Sr. No. 27, Hissa no.- 1 (P), Village Sus, Taluka Mulshi, District- Pune.

Dear Sir,

With reference to above subject we intend to facilitate the management of solid waste at your proposed project.

SWaCH Seva Sahakari Sanstha Maryadit, Pune (SWaCH) is India's first wholly-owned cooperative of self-employed waste pickers or waste collectors and other urban poor. It is an autonomous enterprise that ensures provision of front-end waste management services to the citizens of Pune through self-employed informal waste-pickers.

We will facilitate the collection of segregated dry waste (recyclables and non-recyclables: 650 Kg/Day, E-Waste-4.44 Kg/Day) from your registered project "**Residential Bldg.**" Situated at Sr. No. 26, Hissa no.- 3, Sr. No. 27, Hissa no.- 1 (P), Village Sus, Taluka Mulshi, District- Pune., through waste-picker members of SWaCH after completion of project.

Further, you have also confirmed that you have acquired the necessary equipment and infrastructure (OWC: 650 Kg/Day) for management of wet waste at source. If necessary, we can assist in facilitating in-situ wet waste processing using existing infrastructure and equipment through waste-pickers within the premises of your registered project through such affiliates and subject to such terms and conditions as may be applicable. We ensure collection of E-waste from the site at a cost mutually decided.All commercial terms must be negotiated with waste-pickers prior to commencement of work.

Assuring you the best of our services.

Thanking You,

For SWaCH Pune Seva Sahakari Sanstha Ltd



Authorized Signatory

15/10/2019.

द. लोकमत, ४१५ १५/७/२०

जाहीर सुचना

आम्ही मे. गार्नेट बिल्डर्स आणि डेव्हलपर्स सर्वसाधारण जनतेस कळवू इच्छितो की महाराष्ट्र शासनाच्या पर्यावरण विभागाने आमच्या सर्व नं. 26, हिंसा नं. 3 सर्वे नं. 27, हिंसा नं. 1 (भाग), गाव सुस, , तालुका मुळशी, जिल्हा - पुणे येथील प्रकल्पाला दिनांक 08 जुलै 2020 रोजी पत्र क्रमांक 'SIA/MH/MIS/120554/2019' अन्वये पर्यावरणाच्या दृष्टिकोनातून मान्यता दिली आहे. सदर मान्यतापत्राची प्रत महाराष्ट्र प्रदुषण नियंत्रण मंडळाच्या कार्यालयामध्ये तसेच पर्यावरण विभाग यांच्या (<http://parivesh.nic.in>) या संकेत स्थळावर उपलब्ध आहे.

Financial Express

THURSDAY, FEBRUARY 15, 2024

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PUBLIC NOTICE

We," M/s. GARNET BUILDERS AND DEVELOPERS " hereby bring to the kind notice of general Public that Department of Environment, Government of Maharashtra has been issued Environmental Clearance for our construction development project located at "Survey No. 26/3 & Survey No. 27 / 1 (part), at village Sus, Taluka Mulshi, District Pune" vide letter dated 08/07/2020 bearing letter no. 'SIA/MH / MIS / 120554 / 2019'. The copies of the clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the website of the Department of Environment, Government of Maharashtra (<http://parivesh.nic.in>).