

## EPOCH ESTATE

**S.No.23, H.No.2, Near Shree Nagari, Munjoba Vasti,  
Dhanori, Pune , Maharashtra – 411015**

To,

10/06/2023

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 period of October 2022 to March 2023

Project: Residential & Commercial Project "ARC VISTA" by " M/s. Epoch Estate" at "SR. NO. 23/2, Dhanori, Pune, Maharashtra.

Reference: EC Letter No. SEIAA-EC-0000002095 dated 31.01.2020

Respected Sir,

With reference to above subject, we are herewith submitting the post environmental clearance compliance report for the period of October 2022 to March 2023. This is for your kind information and consideration.

Thanking You,

Yours Faithfully

Project Proponent

"Arc Vista" by "M/s. Epoch Estate" at SR. NO. 23/2, Dhanori, Pune, Maharashtra-411015

Authorized Signatory

Encl.:

- 1) Project details in datasheet format.
- 2) Six Monthly compliance report.

Copy To,

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

**ENVIRONMENTAL CLEARANCE  
COMPLIANCE REPORT**

**For the period of  
(October 2022 to March 2023)**

**For  
Proposed Residential & Commercial Project  
"ARC VISTA"**

**At  
SR. NO. 23/2, Dist. Dhanori, Pune by M/s. Epoch Estate**

**EC Letter No. SEIAA-EC-0000002095 dated 31.01.2020**

**Monitoring the Implementation of Environmental Safeguards**

**Ministry of Environment, Forest & Climate Change**

**Regional Office (West Central Zone), Nagpur**

**Monitoring Report Data Sheet (Part – I)**

**Project Details**

<b>Sr.</b>	<b>Particulars</b>	<b>Details</b>
1.	Project Type – River valley/Mining/ Industry/Thermal/Nuclear/Other Specify	Construction Project (Category 8 B of EIA Notification 2006 )
2.	Name of the Project	Proposed Residential Project "Arc Vista" by M/s. Epoch Estate
3.	Clearance letter(s) /OM NO.& date	EC Letter No. SEIAA-EC-0000002095 dated 31.01.2020
4.	Location	SR. NO. 23/2, Dhanori
	a) District (s)	Pune
	b) State (s)	Maharashtra
	c) Latitude/Longitude	Latitude 18 <sup>0</sup> 5928' and Longitude 73 <sup>0</sup> 8965'
5.	Address for correspondence	
	a) Address of concerned project Chief executive (with pin code & telephone /tel/fax numbers)	M/s. Epoch Construction SR. NO. 23/2, Dhanori, Pune, Maharashtra-411015
	b) Address of executive project engineer/manager (with pin code/ fax numbers )	M/s. Epoch Construction First Floor, Dealing Chambers, JM Road,Pune-411004
6.	Salient Features	
	a) of the project	• EC is attached
	b) of the environment Management Plan	EMP Covers Following Aspects 1. Air Environment 2. Water Environment 3. Energy Management 4. Solid Waste Management 5. Green Belt 6. Statutory compliance
7.	Break up of Project Area	
	a) submergence area : forest & non-forest	Not Applicable
	b) Others	Total Plot Area : 16700 Sq. m Total Built up Area : 35690.65 Sq. m [As per EC] Ground Coverage : 12%
8.	Breakup of the project affected population with enumeration of those losing houses/ dwelling unit only, agricultural land only, dwelling units & agricultural land & landless laborers/ artisan.	No population Affected by project
	a) SC,ST/advises	Not Applicable.
	b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	Not Applicable.

9.	<b>Financial Details :</b>	
	I. Project cost as originally planned and subsequent revised estimates and the year of price reference	Estimated Project Cost- 41.71 Crore.
	b) Allocation made for environmental management plans with item wise and year wise break-up	Capital Cost – 173.8 Lacs O&M Cost – 18.87 Lacs/year Construction Phase – 6.12 Lacs/year
	c) Benefit cost ratio/ internal rated of Return and the year of assessment	Not Applicable.
	e) Actual expenditure incurred on the environmental management plans so far	Capital Cost - Approx. 125 Lacs Construction Phase – 12.45 Lacs/year (Labor Toilets, Sprinkling, Sanitation, Labor Health Checkups, Drinking Water Facility, Air Monitoring)
10.	<b>Forest Land Requirement</b>	Not Applicable. No forest land required.
	a) The status of approval for diversion of forest land for non-forestry use	Not Applicable.
	b) The status of clearing felling	Not Applicable.
	c) The status of compensatory a forestation if any	Not Applicable.
11.	The status of clear felling in nonforest area (such as submergence area of reservoir, approach roads), if any with quantitative information	Not Applicable.
12.	Status of construction	Architect Certificate is attached.
13.	<b>Reason for delay</b> if the project is yet To start	Not Applicable
14.	Dates of site Visits	Not Applicable
	a) The dates on which the project was monitored by the regional office on previous occasions, if any	NA
	b) Date of site visit for this monitoring report	NA
15.	Details of correspondence with project authorities for obtaining action plans/ information on status of compliance to safeguards other	NA

## Point Wise Compliance Report – Part II

### I. Specific Conditions

Sr.	Conditions	Compliance
I)	PP to obtain fire NOC for "D" building.	Complied. EDS was uploaded.
II)	PP to ensure that CER plan get approved from Municipal Commissioner/District Collector.	Being Complied.
III)	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.	Noted
IV)	SEIAA decided to grant EC for – FSI: 19557.27 m2, Non-FSI: 16133.38 m2 and Total BUA: 35690.65 m2 (Plan Approval no-DPO3212/18, Date-16.01.2019)	Noted.

### II. GENERAL CONDITIONS- Construction Phase

Sr.	Conditions	Compliance
I)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	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.	Noted
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.	Not Applicable
IV)	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Noted
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	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms

Sr.	Conditions	Compliance
	<p>approving layout plan &amp; 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.</p>	
VI)	<p>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.</p>	<p>We have received Consent to Establish from MPCB.</p>
VII)	<p>All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.</p>	<p>All required sanitary and hygienic measures are taken</p>
VIII)	<p>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.</p>	<p>Proper sanitation facilities are provided at site for construction labors and staff. Temporary toilets with septic tank and soak pit provision are provided.</p>
IX)	<p>The solid waste generated should be properly collected and segregated. Dry / inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.</p>	<p>Separate garbage room has been provided for segregation of dry and wet waste. OWC is proposed for wet waste management.</p>
X)	<p>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.</p>	<p>It is being followed.</p>
XI)	<p>Arrangement shall be made that waste water and storm water do not get mixed.</p>	<p>Arrangement is made (No mixing of Wastewater and Storm water)</p>
XII)	<p>All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.</p>	<p>All the topsoil excavated during construction activities is stored and used for landscaping</p>
XIII)	<p>Additional soil for leveling of the proposed site shall be generated</p>	<p>It is being followed.</p>

Sr.	Conditions	Compliance
	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.	Green Belt Development 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.	It is being followed.
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.	Noted.
XVII)	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	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.	Noted.
XIX)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Noted
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.	Noted.
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	All efforts are continuously being made to maintain the same in permissible limits.

Sr.	Conditions	Compliance
	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).	Not Applicable.
XXIII)	Ready mixed concrete must be used in building construction.	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.	Noted.
XXV)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	It is being followed.
XXVI)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority	Not Applicable.
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 odor problem from STP	Sewage Treatment Plant (STP) of 260 CMD is proposed- 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	Not Applicable



Sr.	Conditions	Compliance
	project.	
XXIX)	Separation of grey and black water should be done by the use of dual plumbing line.	Noted.
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.	Low Flow Fixtures for toilet flushing and drinking will be installed.
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.	Noted.
XXXII)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Design is as per ECBC requirements
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 off/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.	Noted.
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.	Noted.

Sr.	Conditions	Compliance
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.	Various acoustic barriers installed at Noise Emitting Equipments.
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.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site is avoided
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 fulfill requirement.	Noted.
XXXVIII)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Complied.
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.	Noted.
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.	Noted.
XLI)	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Noted.
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	Noted.

Sr.	Conditions	Compliance
	installed and made functional including water requirement in Para 2.	
XLIII)	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.	Noted.
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.	Noted.
XLVI)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Noted.
XLVII)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Complied.
XLVIII)	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise break-up. These cost shall be included as part of the project cost.	Provision for its budgetary requirements have been made in annual expenditure for Facility Management
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 <a href="http://ec.maharashtra.gov.in">http:// ec.maharashtra.gov.in</a> .	Noted.
L)	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and	Noted.

Sr.	Conditions	Compliance
	conditions in hard & soft copies to the MPCB & this department, on 1 <sup>st</sup> 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.	Noted.
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 <sub>2</sub> , NO <sub>x</sub> (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.	Noted.
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 Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Noted.
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.	Noted.
GC 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	Noted.

Sr.	Conditions	Compliance
	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.	
GC 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.	Noted.
GC 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.	Noted.
GC 7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.	Noted.
GC 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.	Noted.
GC 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.	Noted.
GC 10	Any appeal against this	Noted.

Sr.	Conditions	Compliance
	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.	

# Environment Management Plan

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## INTRODUCTION

The 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 & sub-contractors (including consultants) understand the potential environmental risks arising from the proposed expansion project & take appropriate actions.

EMP also ensures that the project implementation is carried out in accordance with the design & 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

- Air pollution due to the emission of Particulate Matter & gaseous pollutants.
- Noise pollution due to various noise generating equipment as well as vehicular movement.
- Wastewater generation from sanitary/domestic activities & Solid waste disposal.

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

### During Construction Phase

The proposed project will have construction activities. Pollution control during construction is of considerable importance & it is necessary to consider the potential of environmental pollution during this phase.

The following measures will be adopted during construction phase:

- Construction material will be stored in the covered go-down or enclosed spaces to prevent the wind blow fugitive emissions.
- Truck carrying soil, sand stone and dust will be covered to avoid spilling & fugitive emissions.
- Regular water sprinkling at vulnerable areas of construction sites will be done to control fugitive dust during material handling & hauling activities in dry seasons.
- During construction activity, labor may be employed from outside. We will be providing drinking water facility, mobile toilets for the workers.
- Noise control measures will be adopted at appropriate stages, the most effective being control at the source itself.
- The onsite workers working in the noisy area will adopt noise protection devices like ear plugs/muffs.
- Geo membrane fabric will be used around the scaffolding to minimize dust dispersion during construction activity.

# Environment Management Plan

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## During Operation Phase

Environment monitoring cell will be developed for environmental monitoring, analysis & 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 & to implement environment management plan effectively.

## Land Environment

### During Construction Phase

Waste generated from construction activity includes construction debris, The following section discusses management for each type of waste.

Construction debris:

Construction debris is bulky & heavy, reutilization & re-cycling is an important strategy for management of such waste. Recycled aggregate will be used for filler application, and as a sub-base for road construction. The mixed debris with high gypsum will be given to the recyclers, as they are highly susceptible to contamination so plaster cannot be used for filling.

- Recyclable waste (paper waste, plastic and metal scrap steel / glasses) will be sold to recyclers.
- Bricks, metal, chips, cut tiles will be used for internal paving.
- Substratum used for back filling and for making pathways
- Remaining will be disposed to authorized waste disposal site.
- Recyclable waste will be disposed off through recyclers.

### During Operation Phase

Solid waste management will be to encourage the four ways of waste i.e. Waste Reduction, Reuse, Recycling & Recovery (material & energy). This will result lesser quantity will be landfill. Environment Management plan basically focuses on 3 major components of the waste management system i.e. collection & transportation, treatment or disposal.

## Air Environment

### During Construction Phase

There will be daily sprinkling of water on road which will reduce the fugitive dust emission. PUC will be compulsory for all the vehicles that will be parked at the project site. The construction machinery will be kept in secured place and the use of low sulphur fuel will help in reducing the adverse impact.

Following measures will be carried out for further environmental improvements:

- Environment management cell will be developed for the regular check-up & efficient maintenance of all the pollution control arrangements.



# Environment Management Plan

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- To prevent fugitive emissions at solid handling areas conveyors, elevators, silos etc. All other transfer points proper care will be taken to minimize the exit of particulates.
- A greenbelt around the project site & plantation within the plant premises especially around the possible sources of fugitive emissions is recommended to further reduce the dust emission to maintain a clean & healthy environment.

## **Operation Phase**

To mitigate the impact of the pollutants from vehicular traffic during the operational phase of the site, the following measures are recommended for the implementation:

### Vehicle Emission Controls

Adequate informatory signage/speed control devices will be put up within the premises near entry/exit gates to regulate & control the speed of outgoing/incoming traffic. Regular maintenance of the vehicles will be mandatory. PUC will be compulsory for all the vehicles being parked in the building premises.

### Landscape Development

Increasing vegetation in the form of landscape is one of the preferred methods to mitigate air pollution. Plants generate oxygen, it serves as a sink for pollutants, & they reduce the flow of dust & noise pollution.

## **Noise Environment**

### **Construction Phase**

To mitigate the impact of noise from construction equipment, the following measures will be proposed

- Noise prone activities will be restricted to the extent possible during night.
- Screening or fencing of the construction site will be done with proper height of fence to prevent nuisance to neighboring habitation.
- Workers employed in high noise areas will be rotated.
- Earplug/Ear mug will be provided to the workers & other hearing protective wear will be provided to those working very close to the noise generating machinery.

## **Water Environment**

### **Construction Phase**

Following measures will be carried out for further environmental improvements.

- Necessary care will be taken to avoid soil erosion.
- Construction activity does not generate any oil/grease.
- Construction activities generate disturbed soil, concrete fines, oils and other wastes. On-site collection and settling of storm water, prohibition of equipment wash downs, and prevention of soil loss and toxic releases from the construction site are necessary to minimize water pollution.

# Environment Management Plan

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## Operation Phase

Water Conservation measures have been taken including all possible potential for re-use & recycling of water. These could be in the form of the following:

### Minimizing water consumption

Water consumption will be minimized by a combination of water saving devices and other domestic water conservation measures. Furthermore, to ensure ongoing water conservation, an awareness programme will be introduced.

### Usage:

- We will use water efficient, low flow plumbing fixtures. The water efficient plumbing fixtures use less water with no marked reduction in quality and service.
- Promoting reuse of water after treatment & development of closed loop systems
- To promote reuse and development of closed loop system for water, segregation of two schemes namely;
  - Wastewater Treatment Scheme
  - Storm Water Management scheme have been suggested.

### Wastewater Treatment Scheme

MBBR technology will be used for sewage treatment. Treated sewage will be used for flushing & gardening.

## BIOLOGICAL ENVIRONMENT

### Construction Phase

The construction activities will be carried out only during the day time by minimizing the magnitude of the impact. Also water sprinkling will be carried out on the construction site.

### Operation Phase

The project is commercial in nature & will have minimal emissions, for which efforts will be taken to minimize the impact. Extensive plantation & landscaping is done to mitigate any impact during this phase.

### Plantation & Landscaping

Selection of the plant species has been done on the basis of their adaptability to the environment. During development of green belt within the project area, emphasis has been given to selection of plant species like nitrogen fixing species, species of ornamental values, species of very fast growth with good canopy cover etc. Total 198 trees will be planted at site.

# Environment Management Plan

## Environment Monitoring Cell

We will form the environmental management cell 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 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 coordinate 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 the Environmental Management Committee.

## Environmental Management Audits

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

### Organization & Environment Management Cell

S. No	Level	Designation	Purpose
1.	Honorary	Director/Managing Committee	Policy
2.	Manager	Environment Scientist/Chemist	Job(*)
3.	Executive	Supervisor, contractor, Engineers	Implement
4.	Third Party	Environmental sampling, analysis will be done through external agency approved by MoEF/MPCB.	Monitoring, Testing

### Responsibilities of Environment monitoring cell

Attribute	Construction Phase	Operation Phase
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# Environment Management Plan

Water Regime	<ul style="list-style-type: none"> <li>• Install water meters, take reading routinely, &amp; record in the register.</li> <li>• Install necessary mobile toilet for construction workers &amp; staff etc. to look after its operational &amp; maintenance.</li> <li>• Keep a daily watch on sanitation/drains &amp; good housekeeping.</li> <li>• Examine proper management of channelization of water to avoid water logging at site.</li> <li>• Oil spill prevention measures to be taken to avoid pollution of water body.</li> <li>• Material storage areas to be kept far away from water body</li> </ul>	<ul style="list-style-type: none"> <li>• Install waster meters &amp; take readings routinely.</li> <li>• Monitoring of PH, COD, BOD&amp; TSS of the units to ensure good treatment of wastewater into sewage treatment.</li> <li>• Ensure the network of connection to rain water harvesting units.</li> <li>• Monitoring of water from recharge pits for specified parameters.</li> </ul>
Air	<ul style="list-style-type: none"> <li>• Monitoring of Air Quality through MoEF approved lab.</li> <li>• Ensure water sprinkling for dust suppression.</li> <li>• Ensure the use of covering sheets, on the material being transported incoming or outgoing or stored.</li> <li>• Use as backup power DG sets to be procured from renowned suppliers with acoustic enclosures.</li> <li>• Examine proper traffic arrangements for construction vehicles including instance of their PUC.</li> <li>• Prohibition of open burning of solid waste.</li> <li>• Provision of mask &amp; other personnel gazettes to workers with regular health check-up programme.</li> </ul>	<ul style="list-style-type: none"> <li>• Prepare a schedule &amp; implement proper maintenance of DG sets for use as back up power DG sets to be procured from renowned suppliers with acoustic enclosures &amp; specification as per CPCB norms for its stack height.</li> <li>• Trees will be planted with special care for controlling dust &amp; noise &amp; placing them very near to the sources of nuisance from air &amp; noise point of view.</li> <li>• Monitoring of Air quality through MoEF approved lab.</li> <li>• DG Set Stack monitoring through MoEF approved lab.</li> </ul>
Solid Waste	<ul style="list-style-type: none"> <li>• Provide training to sub-contractor &amp; worker for good sanitation &amp; collecting their individual waste separate it as dry &amp; wet in respective color coded dustbins provided.</li> <li>• Isolated storage of construction raw material such as paint varnishes etc.</li> <li>• Segregated garbage will be handed over to authorized agency.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure collection of solid waste everyday &amp; keeping the record of this qty&amp; documents.</li> <li>• Segregation of garbage into degradable &amp; non biodegradable garbage sent it to the dedicated OWC, carefully without spillage.</li> </ul>
Soil & Greening	<ul style="list-style-type: none"> <li>• Provision of separate place for storage of top soil to be used in due course for plantation.</li> <li>• Avoid excavation during high windy day &amp; heavy monsoon day.</li> </ul>	<ul style="list-style-type: none"> <li>• Proper landscaping is designed by the landscape architect that are of native species, having good</li> </ul>

# Environment Management Plan

	<ul style="list-style-type: none"> <li>• Excess excavation will be used within the premises.</li> <li>• Ensuring that no trees cutting.</li> <li>• Plant trees along the boundary of project area.</li> </ul>	<p>canopy capable of barricading noise, wind borne dust.</p> <ul style="list-style-type: none"> <li>• Ensure maintenance of lawn &amp; tree plantation.</li> <li>• Provision of work force, tools &amp; watering arrangements.</li> <li>• The trimming to be conducted routinely &amp; especially at advent of monsoon.</li> <li>• To keep a watch on storm water drainage especially on adequacy of capacity.</li> </ul>
Noise	<ul style="list-style-type: none"> <li>• To prepare &amp; get approved a regular Noise monitoring schedule &amp; stations.</li> <li>• Provision of ear plugs for constructions labor &amp; staff insist its use.</li> <li>• There will be no noisy work in night shift.</li> <li>• Ensure the provision of barricades along periphery of the site.</li> <li>• To obtain guidance from the suppliers &amp; maintain acoustic enclosures for DG sets</li> </ul>	<ul style="list-style-type: none"> <li>• To prepare &amp; get approved a regular Noise monitoring schedule.</li> <li>• To obtain guidance from the suppliers &amp; maintain acoustic enclosure for DG sets.</li> <li>• To ensure smooth flow make provision of proper parking arrangements, traffic management.</li> </ul>

## Status of Construction



# Environment Management Plan

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**SHREEJI AQUA TREATMENT PVT. LTD.***We treat WATER under one roof*

**Pune:** 21 A, Shreeji Complex, Nehru Nagar, Pimpri, Pune: 411 018.  
**Vadodara:** Plot No.1, Shah Ind. Park -I, Vadodara-Savli Road, Lamdapura. 391 775 Dist. Vadodara  
**Lab.:** 1 & 4, Shreeji terrace apt. Plot No. 53, Purna Nagar, Chikhli, Pune: 411 019.  
**Ph.:** 020-27423939 • **Fax:** 020-27421127 • **Customer Care No.** +91 9225247365  
**Web:** www.shreejiaqua.com • **Email:** info@shreejiaqua.com

Laboratory Recognised by Ministry of Environment, Forest &amp; Climate Change, Govt. of India.

**AMBIENT AIR MONITORING REPORT**

F/SL/RR-8.12/03/69L

<b>Client Name :</b> Arc Vista Site: SR. NO. 23/2, Dhanori, Pune	<b>Report No.</b> : SL/22-23/03/MAA/5D
	<b>Inward Date</b> : 23/03/2023
	<b>Analysis Date</b> : 23/03/2023
	<b>Report Date</b> : 28/03/2023

**AMBIENT MONITORING DETAILS**

<b>Date of Sampling :</b> 22-23/03/2023	<b>Time:</b> 11:15 am	<b>Location</b> : Near Main Gate
<b>Monitoring Representative :</b> Mr. Akshay		<b>Collected By :</b> SATPL Team

**METROLOGICAL DATA**

<b>Wind Velocity (km/hrs) :</b> 3	<b>Ambient Temperature °C :</b> 27
<b>Wind Direction</b> : East to west	<b>Humidity %</b> : 54
<b>Dry Bulb Temperature °C :</b> 30	<b>Wet Bulb Temperature °C :</b> 28

**RESULTS**

Sr. No.	Parameters	Unit	Reference Method	Results	NAAQS Limits (2009)
1	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 2):2001	34.4	≤ 80
2	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 6):2006	33.13	≤ 80
3	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (Part 23):2006	77.78	≤ 100
4	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	CPCB Guidelines Vol.-1 2013	34.48	≤ 60
5	Carbon Monoxide (CO)	mg/ m <sup>3</sup>	IS 5182 (Part 10):2003	0.1	≤ 04(1hr)
6	Lead as (Pb)	µg/m <sup>3</sup>	IS 5182 (Part 22):2004	BDL	≤ 1.0
7	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 9):1974	1.5	≤ 180(1hr)
8	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	APHA-401-1988	36.5	≤ 400
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	IS 5182 (Part 11):2006	BDL	≤ 05
10	Benzo(a)Pyrene (BaP)	ng/m <sup>3</sup>	IS 5182 (Part 12):2004	BDL	≤ 01
11	Arsenic (As)	ng/m <sup>3</sup>	APHA-3 <sup>rd</sup> Edition-302	BDL	≤ 06
12	Nickel (Ni)	ng/m <sup>3</sup>	APHA-3 <sup>rd</sup> Edition 16	BDL	≤ 20

**Note:** NAAQS = National Ambient Air Quality Standards, BDL= Below Detectable Limit.**DETAILS OF INSTRUMENT USED**

<b>Instrument Used :</b>	Respirable Dust Sampler (RDS)
<b>Date of calibration :</b>	30/03/2022
<b>Validity</b>	30/03/2023

**REMARK:** As above mentioned monitoring report all the parameters are within the limits.

-----End of Test Report-----

**Authorized Signatory****Dr. Archana Waykole**  
(Government Analyst)





||Shreeji||

An ISO 9001:2015  
Certified Company  
OHSAS 18001 : 2007

## SHREEJI AQUA TREATMENT PVT. LTD.

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Laboratory Recognised by Ministry of Environment, Forest & Climate Change, Govt. of India.

### AMBIENT NOISE MONITORING REPORT

F/SL/RR-34-4/03/3E

<b>Client Name :</b> Arc Vista Site: SR. NO. 23/2, Dhanori, Pune	<b>Report No.</b> : SL/22-23/03/MNM/3J
	<b>Inward Date</b> : 23/03/2023
	<b>Analysis Date</b> : 23/03/2023
	<b>Report Date</b> : 28/03/2023

#### NOISE MONITORING

Sr. No.	LOCATIONS	NOISE LEVEL READING IN dB (A)		NOISE STANDARD in dB (A) FOR DAY TIME, NIGHT TIME. As per MPCB Limits (Commercial Establishment)
		Day	Night	
1	Near Main Gate	56.5	47.9	Day Time -65/Night Time 55 dB

**REMARK:** As per above mentioned report, near Main Gate meets with the limit of noise standards.

#### DETAILS OF INSTRUMENT USED

<b>Instrument Used</b>	Sound Level Meter
<b>Date of Calibration</b>	30/03/2022
<b>Validity</b>	30/03/2023

----- END OF THE REPORT -----

Authorized Signatory



**Dr. Archana Waykole**  
(Government Analyst)

Page 1 of 1

# MALWADKAR ARCHITECTS PVT LTD

## ARCHITECTS & INTERIOR DESIGNERS



672/673, Lokesh Society, "B" "Samarth Building" Plot No. 10, Opp. Canara Bank, Bibwewadi, Pune - 411 037. Cont. No. : 020 - 35002052 / 53  
E-mail : rahul@malwadkararchitects.com / minal.malwadkar@malwadkararchitects.com

### To Whom It may concern

Date:25/05/2023

**Sub:** Built up area completion statement of proposed Residential cum Commercial project At Survey no.23/2 At Dhanori,Tal-Haveli,Dist-Pune by **Epoch Estates**.

Dear Sir,

As the architect of the above-mentioned project, we hereby give an undertaking regarding the construction works carried out till date for our project is as per the earlier Environmental Clearance (vide letter no. SEIAA-EC-0000002095 dtd January 31, 2020).

At present, PP has constructed FSI Area of 12570.62 m<sup>2</sup>, Non FSI area of 9913.40 m<sup>2</sup> and Total construction area is 22484.02 m<sup>2</sup> on site.

The building wise already constructed BUA is tabulated as below:

Bldg. No. & Configuration as per EC	Floors constructed as on date	Constructed Areas		
		FSI Area (Sq. m)	Non FSI Area (Sq. m)	Total BUA (Sq. m)
Bldg-A- P+11 floors	P+11 Floors	4261.58	2528.23	6789.81
Bldg-B- P+11 Floors	P+11 Floors	4260.38	2494.48	6754.86
Bldg-C - P+11 floors	P+11 Floors	4048.66	2185.04	6233.7
Clubhouse, Parking area & Services like STP, OWC, Transformer & DG, OHWT, UGWT			2705.65	2705.65
<b>Total</b>		12570.62	9913.4	22484.02
<b>Total Built Up Area</b>		22484.02		



Yours faithfully,

Malwadkar Architects Pvt. Ltd  
Ar. Rahul Malwadkar-Director  
Reg.No.CA/93/15629



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: January 31, 2020

To,  
**Mr. Sunil G. Mittal**  
at Proposed Residential and Commercial project at S.no. 23/2 at Dhanori, Tal. Haveli, Dist. Pune.

**Subject:** Environment Clearance for Application for Environmental Clearance of Proposed Residential and Commercial project at S.no. 23/2 at Dhanori, Tal. Haveli, Dist. Pune.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 92nd meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 180th meetings.


2. It is noted that the proposal is considered by SEAC-III under screening category 8 (A) as per EIA Notification 2006.

### Brief Information of the project submitted by you is as below :-

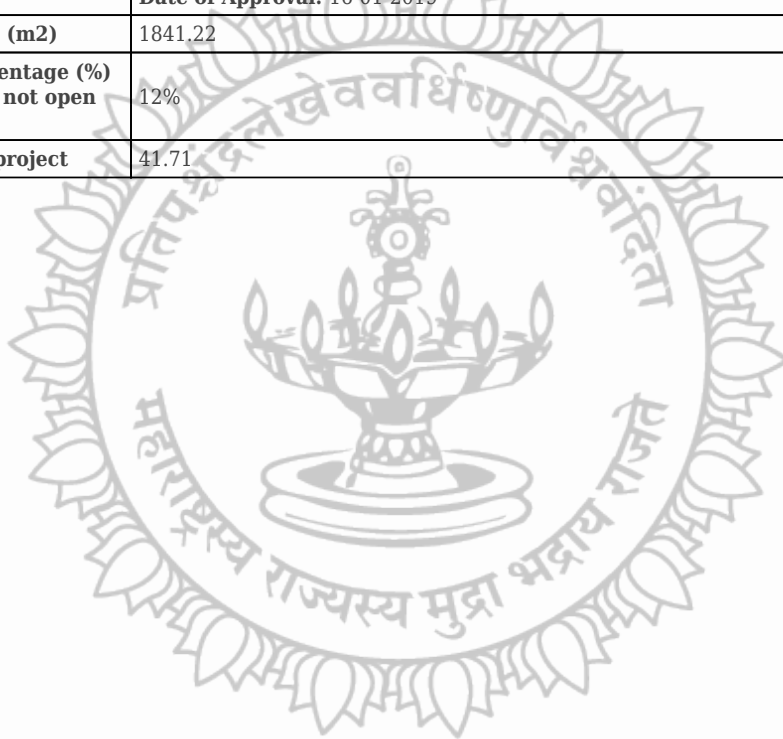
1.Name of Project	Proposed Residential Project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sunil G. Mittal
4.Name of Consultant	Mr. Rajesh Srivastava - Pollution and Ecology Control Services (PECS)
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Revision in Layout
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, SEAC-2013/CR-231/TC-2 dated 25-01-2016
8.Location of the project	Proposed Residential and Commercial project at S.no. 23/2 at Dhanori, Tal. Haveli, Dist. Pune.
9.Taluka	Haveli
10.Village	Dhanori
Correspondence Name:	Mr. Sunil G. Mittal
Room Number:	409
Floor:	Fourth floor
Building Name:	City Tower
Road/Street Name:	Boat Club Road
Locality:	Sangamwadi
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Pune Municipal Corporation IOD/IOA/Concession/Plan Approval Number: CC/3212/18 dated 16/01/2019 Approved Built-up Area: 35690.65

**SEIAA Meeting No: 180 Meeting Date: November 7, 2019 ( SEIAA-STATEMENT-000003450 )**  
**SEIAA-MINUTES-0000002706**  
**SEIAA-EC-0000002095**

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**Shri. Anil Diggikar (Member Secretary SEIAA)**

13.Note on the initiated work (If applicable)	Building A & B & Building C in progress
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	16700 Sq.M.
16.Deductions	1742.54 Sq.M.
17.Net Plot area	14957.46 Sq.M.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 19557.27
	Non FSI area (sq. m.): 16133.38
	Total BUA area (sq. m.): 35690.65
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 19557.27
	Approved Non FSI area (sq. m.): 16133.38
	Date of Approval: 16-01-2019
19.Total ground coverage (m2)	1841.22
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12%
21.Estimated cost of the project	41.71



# Government of Maharashtra

## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

## 23. Total Water Requirement

<b>Dry season:</b>	Source of water	PMC
	Fresh water (CMD):	180
	Recycled water - Flushing (CMD):	91
	Recycled water - Gardening (CMD):	8
	Swimming pool make up (Cum):	7
	<b>Total Water Requirement (CMD) :</b>	<b>286</b>
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	80
	Excess treated water	135
<b>Wet season:</b>	Source of water	PMC
	Fresh water (CMD):	180
	Recycled water - Flushing (CMD):	91
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	7
	<b>Total Water Requirement (CMD) :</b>	<b>278</b>
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	80
	Excess treated water	142
<b>Details of Swimming pool (If any)</b>	Swimming Pool Dimensions : 6 M. x 9 M. X 1.2 M. Baby Pool : 2.7 M. X 2.7 M. X 0.6 M.	

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

<b>25.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Summer Season - 28.75 m. to 40.00 m.BGL. Rainy Season - 6.00 m. to 8.50 BGL. Winter Season - 17.40 m. to 24.00 m. BGL
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	5 Nos
	<b>Size of recharge pits :</b>	2m. X 2m. X 2m.
	<b>Budgetary allocation (Capital cost) :</b>	23.50 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	1 Lakhs/Annum
	<b>Details of UGT tanks if any :</b>	Domestic - 270 Fire -- 200

<b>26.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	East to West
	<b>Quantity of storm water:</b>	512036 LPD
	<b>Size of SWD:</b>	300 mm

<b>27.Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	260.47
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 - 260 Cmd
	<b>Location &amp; area of the STP:</b>	Shown in Layout
	<b>Budgetary allocation (Capital cost):</b>	72 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	12.12 Lakhs/Yr

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	5 Kg/Day
	<b>Disposal of the construction waste debris:</b>	Shall be handed over to Authorized agency
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	406.10 Kg/Day
	<b>Wet waste:</b>	624.10 Kg/Day
	<b>Hazardous waste:</b>	NIL
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	26.05 Kg/Day
	<b>Others if any:</b>	E Waste- 1000 Kg/yr
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to Authorized Agency
	<b>Wet waste:</b>	In-situ Composting
	<b>Hazardous waste:</b>	If Generated, shall be handed over to authorized Agency
	<b>Biomedical waste (If applicable):</b>	NIL
	<b>STP Sludge (Dry sludge):</b>	In-situ Composting
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Shown on Plan
	<b>Area for the storage of waste &amp; other material:</b>	50 Sq.M.
	<b>Area for machinery:</b>	Considered in Above Area
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	30.50 Lakhs
	<b>O &amp; M cost:</b>	3.61 Lakhs/Annum

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Maharashtra

## 29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



# Government of Maharashtra



30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Not applicable	Not applicable	Not applicable	Not applicable			
33.Source of Fuel		Not applicable					
34.Mode of Transportation of fuel to site		Not applicable					
35.Energy							
<b>Power requirement:</b>	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	65 KW					
	DG set as Power back-up during construction phase	1 No. of 82.5 Kva					
	During Operation phase (Connected load):	1946.73 KW					
	During Operation phase (Demand load):	944.32 KW					
	Transformer:	1 No. of 630 Kva & 1 No. of 315 Kva					
	DG set as Power back-up during operation phase:	1 No. of 250 Kva					
	Fuel used:	HSD					
	Details of high tension line passing through the plot if any:	No HT line in plot					
Energy saving by non-conventional method:							
<p>Energy Saving Measures Proposed</p> <ol style="list-style-type: none"> <li>Using LED fixture in Parking area, lift-lobby and stair-case .</li> <li>Using LED in Place of Metal Halide in External Lights.</li> <li>Using On Grid Solar generation for each building.</li> <li>Using Solar Hot Water System for each building.</li> <li>Using LED Fixture in all the internal Toilet area .</li> </ol>							

### 36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	PV Solar + LED Light Fixture + Timer For Light Control + Solar Hot Water + VFD lift + Energy Efficient Motor + Low Loss Transformer + DG (CPCB II)	14.23%

### 37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not Applicable	Not Applicable	Not
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25.12 Lakhs
	O & M cost:	0.43 Lakhs/Yr

### 38.Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Construction & labour	Water Requirement	2.92
2	Site Sanitation & Safety	Health & Safety	1
3	Environmental Monitoring	Pollution	1.2
4	Disinfection	Health & Safety	0.5
5	Health Check-Up	Health & Safety	0.5

#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH Pits	23.5	1
2	Sewage Treatment Plant	Waste Water Management	72	12.12
3	Organic Waste Composting	Solid Waste Management	30.50	3.61
4	Tree Plantation	Landscape Development	22.68	0.51
5	Energy Saving	Energy Conservation	25.12	0.43
6	Environmental Monitoring	Pollution Control	0	1.2

### 39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
-------------	--------	----------	------------------------	--	---------------------------	------------------	-------------------------

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>40.Any Other Information</b>							
No Information Available							



# Government of Maharashtra

	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8 (A)
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

**3. The proposal has been considered by SEIAA in its 180th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	PP to obtain fire NOC for "D" building.
<b>II</b>	PP to submit CFO NOC for the D building. (EC will be issued after CFO NOC is uploaded).
<b>III</b>	PP to ensure that CER plan get approved from Municipal Commissioner/District Collector.
<b>IV</b>	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.
<b>V</b>	SEIAA decided to grant EC for - FSI: 19557.27 m2, Non-FSI: 16133.38 m2 and Total BUA: 35690.65 m2 ( Plan Approval no-DPO3212/18, Date-16.01.2019)

**General Conditions:**

<b>I</b>	E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
<b>II</b>	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.
<b>III</b>	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.
<b>IV</b>	PP has to abide by the conditions stipulated by SEAC& SEIAA.
<b>V</b>	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.
<b>VI</b>	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.
<b>VII</b>	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
<b>VIII</b>	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 off 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 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.
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 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.
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 off 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.
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% gray 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 gray and black water should be done by the use of dual plumbing line for separation of gray 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 fulfill 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 off/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 nighttime 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 fulfill 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.
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. Prior certification from appropriate authority shall be obtained.
XLIII	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 <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .
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 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.

<b>LII</b>	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 <sub>2</sub> , NO <sub>x</sub> (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.
<b>LIII</b>	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.
<b>LIV</b>	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.



# Government of Maharashtra

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, and amendments by MoEF&CC Notification dated 29th April, 2015.

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.

  
Shri. Anil Diggikar (Member Secretary SEIAA)

**Copy to:**

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER PUNE
10. MUNICIPAL COMMISSIONER SATARA
11. REGIONAL OFFICE MPCB PUNE
12. REGIONAL OFFICE MIDC PUNE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE PUNE
15. COLLECTOR OFFICE SATARA
16. COLLECTOR OFFICE SOLAPUR



# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781  
/24037124/24035273  
Fax : 24044532/24024068  
/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/LSI

Consent order No: Format1.0/BO/JD (WPC)/UAN-071821 /CO/CC-1909000409  
Date 13/09/2019

To,  
M/s. ARC Vista,  
S. No. Hissa N. 02, Dhanori,  
Tal: Haveli, Dist: Pune.

**Sub: Consent to Operate (Part) for Construction of Residential & Commercial Projects is granted under Red category.**

- Ref:**
1. Consent to establish vide No. Format 1.0/BO/JD(WPC)/Uan-052543/CE/CC-1905000834
  2. Environmental Clearance obtained Vide SEAC-2013/CR-231/TC-2 dt. 25/01/2016.
  3. Your Application vide UAN No. 071821 dt.22/04/2019.
  4. Minutes of 3<sup>rd</sup> Consent Committee meeting (Part-III) held on 09/08/2019

For: Consent to Operate (Part) for Construction of Residential & Commercial project under Section 26 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 to Operate (Part) is granted for period up to 31/04/2020.
2. The proposed capital investment of the project is Rs.48.15 Cr.  
(As per C.A certificate submitted by project proponent)

Consent to Operate (Part) is valid for Construction of Residential & Commercial Projects named as M/s. ARC Vista, S. No. Hissa N. 02, Dhanori, Tal: Haveli, Dist: Pune, for total plot area 26,600.0 Sqm & completed total BUA area 19,726.994 Sqm out of total construction BUA 59,157.87 Sqm including utilities and services & (as per architecture certificate dt. 31/12/2018) & Commencement certificate issued from 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	395.0	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	62.5 KVA	1	As Per Schedule -II

5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Wet garbage	592.5 Kg/Day	Organics waste Converter with composting facility / Biogas digester with composting facility	Used as Manure
2	Dry garbage	98.75 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3.	STP sludge	24.0 Kg/day	STP	Used as manure

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.
7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
9. 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.
10. 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.
11. Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.
12. Project Proponent shall Operate and maintain Organic waste digester with composting facility or Biogas digester with composting facility.
13. The applicant should comply with the conditions stipulated in environmental Clearance Obtained from SEAC, Environment Department, Government of Maharashtra, dtd.25/01/2016 for total plot area **26,600.0 Sqm** & total construction BUA area **59,157.87 Sqm**.

For and on behalf of the  
Maharashtra Pollution Control Board

(E. Ravenciran, IAS)  
Member Secretary

Received Consent fee of –

Sr. No.	Amount (Rs.)	Transaction . No.	Date	Drawn On
1	75,000/-	N0041784400040	24/04/2019	Mahesh Saahkari Bank Ltd

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune-I 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 installed of Sewage Treatment Plants (STP) with the design capacity of **270.0 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.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for PH
01	<b>BOD (3 days 27°C )</b>	<b>10</b>
02	Suspended Solids	50
03	COD	100
04	Residual Chlorine	1 ppm

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	<b>442.0</b>

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 <sub>2</sub>
1.	DG Set (62.5 KVA)	Acoustic enclosure	2.00	HSD	90.0	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 <sup>3</sup> .
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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 Operate	Rs. 10 lakh	15 Days	Towards Compliance of EC and consent conditions.	Continuous	31/07/2020



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 make an application for renewal of consent at least 60 days before the date of the expiry of the consent.**

पाणी पुरवठा कार्यालय (मीटर)

पाणी पुरवठा  
पुणे महानगरपालिका  
शिवाजीनगर, पुणे - ५  
उप अभियंता यांचे कार्यालय  
जा.क्र. २१८  
दिनांक १९/५/२०१५

१. उप अभियंता  
बांधकाम नियंत्रण विभाग,  
महानगरपालिका

भाग - धानोरी (PART N-02)  
याजकडे -

विषय :- ना हरकत दाखला

संदर्भ :- मे. इफोक स्ट्रेट यांचा दि. ८/५/२०१५ चा कोट्टर

- १) घर क्रमांक / स.नं. / फा. प्लॉट नं. : स.नं. २३ दि.नं. २, धानोरी
- २) बांधकाम परवाना क्रमांक / दिनांक : CC/2067/14 दि. २/१०/२०१५
- ३) बांधकाम क्षेत्र : इभा.प्लॉट क्र. A साही - ५२६१.५८ व B साही ५२६०.३८
- ४) ग्राहक क्रमांक : पिडकतीत म.७.पा. न.इ.जोड नाही  
बांधकाम बोरिंगच्या माध्यमातून शिवेक आहे.

सदर ठिकाणी झालेल्या बांधकाम / वाढीव बांधकामास मीटरप्रमाणे पाणी पट्टी कालावधी / जादा बांधकाम पाणी पट्टी दिनांक — ते दिनांक <sup>ना झालेला</sup> रककामसू चलन क्र — दिनांक रोजी भरलेले आहेत.

तरी सदर ठिकाणी झालेल्या बांधकामास / वाढीव बांधकामास पुर्णत्वाचा दाखला / पार्ट पुर्णत्वाचा दाखला देण्यास मीटर विभागाची काही हरकत नाही.

मा.स.कळावे,

दिनांक

उप अभियंता १९-५-१५

पाणी पुरवठा (मीटर विभाग)  
उप अभियंता (मीटर)  
पुणे महानगरपालिका  
पाणी पुरवठा विभाग  
१९/५/१५ पुणे महानगरपालिका

महापालिका सहाय्यक आयुक्त  
 येरवडा क्षेत्रिय कार्यालय  
 पुणे महानगरपालिका  
 जावक क्र. म अ ३३११/१०८८  
 दि. १६/६/१५

प्रति,  
 श्री. आर्जेन शेण्डीदास आठवलाड,  
स. नं. २३, मु. नं. २३, धानोरी, पुणे - ४११००८

यांजकडेस...

विषय - पुणे येरवडा - धानोरी स. नं. २३ व्हि. नं. २३  
येरवडा व्हि. नं. २३ व्हि. नं. २३ व्हि. नं. २३ (Building A व साणी)

संदर्भ - आपला येरवडा क्षेत्रिय कार्यालय आ. क्र. ३३५५  
दि. २९/८/२०१४ चा प्रमाण.

आपले वरील संदर्भित अर्जावरून आपणास कळविण्यात येते की, विषयांकित ठिकाणी ड्रेनेज कनेक्शन करीता आपण

- १) ड्रेनेज कनेक्शन चार्जेस र.रु. १०००/- चलन क्र. ४०५९० दि. १६/६/२०१५
- २) गौड कर्टींग चार्जेस र.रु. २५५०/- चलन क्र. ४०५९० दि. १६/६/२०१५ ने भरले असल्याने विषयांकित ठिकाणी सोबतच्या मान्य नकाशाप्रमाणे १५० मि.मी. व्यासाचे ड्रेनेज कनेक्शन (जोड) / वाढीचे बांधकामाचे कामास खालील अटीवर परवानगी देण्यात येत आहे.

अटी -:

- १) इमारतीचे ड्रेनेज लाईन मिळकतीचे आतील बाजूस (मिळकतीमध्ये) टाकण्यात यावे.
- २) सुअर ट्रॅप चेंबर हा रवतःचे मिळकतीमध्ये घेण्यात यावा.
- ३) ड्रेनेज कनेक्शनचे काम पूर्ण झाल्यानंतर मा.उप. अभियंता, बांधकाम विकास योजना, पुणे महानगरपालिका, यांचेकडून ड्रेनेज मंजूर नकाशानुसार तपासणी (अटीसह) करून भोगवटा पत्र घेण्यात यावे.
- ४) ड्रेनेज कनेक्शन करीता करण्यात येणाऱ्या खोदाई कामाचे ठिकाणी कनेक्शन चे काम पूर्ण झाल्यानंतर सदरचे भागात काँक्रीटीकरण करून सदरचा भाग रस्त्याचे समपातळीत आणणार या अटीवर.
- ५) खोदाई केलेल्या भागात ड्रेनेज कनेक्शन झाल्यावर लगेच च सदरचा खोदलेला भाग बुजवून त्यावर काँक्रीट करून घेणे.
- ६) दि. ३०/०४/२०१५ पासून रस्त्यावर खोदाई करण्यास मनाई असल्याचे मा. अतिरिक्त नगर अभियंता (पथ) यांचे आज्ञापत्रक आले असल्याने पुढील खोदाई चे आदेश मिळपर्यंत खोदाई करणार नाही या अटीवर ड्रेनेज जोड कनेक्शन मंजूर करण्यात येत आहे.

कळावे.

पुणे - मे. इ. पो. च. इ. स्टेट सिव्. इ. अ. स. नं. २३ व्हि. नं. २३ धानोरी, पुणे - ४११००८

अट - मा. कार्यालयी अभियंता पाणीपुरवठा व मल निस्कारण (प्रकल्प) यांचेकडील आ. क्र. १०८८ मधील

अटीवरील बांधकामावर लक्षनकारक राहिल्यास त्याचे पत्रास मनाई अटी व शर्तीनुसार विकासकामे घेतल्यास पत्रावर कायमिपत्र करून देण्यात येईल  
मा. कार्यालयी अभियंता, पाणीपुरवठा व मल निस्कारण (प्रकल्प) यांजकडे सादर करून अतिरिक्त अभियंता येणे विकसकांवर लक्षनकारक राहिल्यास अटीवर बर्क आहे देण्यात येत आहे.

  
 उप अभियंता

महापालिका सहाय्यक आयुक्त कार्यालय  
 येरवडा, पुणे महानगरपालिका







A higher level of self-reliance

Date-8/07/2019

To,  
M/S.Epoch Estate,  
Office At S. No. 23/2, Dhanori, Tal. Haveli, Dist. Pune.

Sub: - Facilitating Solid Waste Management At Your Commercial/Residential Project  
"Arcvista" Situated At Survey No- 23/2, Dhanori, Tal. Haveli, Dist. 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: 406.10 Kg/Day, E-Waste-2.8 Kg/Day) from your registered project "Arcvista" Situated At Survey No- 23/2, Dhanori, Tal. Haveli, Dist. 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: 624 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

8/07/2019



स्वच्छ पुणे सेवा सहकारी संस्था मर्यादित ही कचरावेचकांची स्वायत्त सहकारी संस्था असून दारोदार कचरा गोळा करण्याची

सेवा पुरवण्याकरिता पुणे महानगरपालिकेने अधिकृत केलेली संस्था आहे. पत्ता :

कोथरुड कचरा डेपो, पौड रस्ता, कोथरुड, पुणे ४११ ०३८

तिसरा मंजला, टिळक रोड क्षेत्रीय कार्यालय,

स्टेट बँक ऑफ इंडिया (टिळक रोड शाखेच्या वरती), पुणे ४११०४६

(Reg No. PNA (1) GNL/O/1321/07-08)

दु.: ०२० ६५०००८१७ स्वच्छ हेल्पलाईन : ९७६५९९५०० ई-मेल : swachcoop@gmail.com वेबसाईट : www.swachcoop.com

