

# कोंकण गृहनिर्माण व क्षेत्रविकास मंडळ

(म्हाडाचा घटक)

**KONKAN HOUSING AND AREA  
DEVELOPMENT BOARD  
(A MHADA UNIT)**



EE-I/KB/Gotheghar/ 938 /2025

Date - 05/12/2025

To,

**The Executive Engineer  
Information Communication and  
Technology Cell Authority.**

**Sub:**Environmental Clearance for Proposed construction of Affordable housing project under Pradhan Mantri Awas Yojana (PMAY) on plot bearing S.No.157/1, at Gotheghar, Taluka & District-Thane.

**Reg:-**Uploading E.C. condition compliance for the period of January-2025 to June-2025 on MHADA's website.

**Ref:-** SEIAA-EC-0000001971, dtd. 11/09/2019.

Sir,

As per General Condition - Sr. no. LII, stating that "The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website.

Kindly arrange to upload Six monthly report (for the period of January-2025 to June-2025) on MHADA website & send a screen shot for necessary further perusal at the time of Site visit of the Concerned Authority.

Kindly do the needful at the earliest.

Yours faithfully,

**Executive Engineer-I**  
K.H. & A.D. Board.

Enclosure: Soft copy of EC Compliance Report.

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**Submission of Six Monthly Compliance Report- EC Dated: 11/09/2019, EC No. SEIAA-EC-0000001971.**

1 message

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**DR. UMESH KULKARNI** <druskul@gmail.com>  
To: [eccompliance-mh@gov.in](mailto:eccompliance-mh@gov.in), [eccompliance-cg@gov.in](mailto:eccompliance-cg@gov.in)

Tue, Dec 2, 2025 at 11:37 AM

Dear Sir,

This is reference to the Environment Clearance obtained dated: 11/09/2019, EC No. SEIAA-EC-0000001971 issued to us.

Name of the project: Environment Clearance for proposed EWS Mass Housing Scheme at S. No. 157/1, Gothehar, Tal-Thane, Maharashtra.

Project Proponent: Konkan Housing and Area Development Board (A MHADA Unit).  
We are submitting herewith six monthly compliance.

Report for the period from October 2024 to March 2025.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you

Yours faithfully

Kindly acknowledge the receipt of this email.

**Regards,**  
**Dr. Umesh Kulkarni**

**Fine Envirotech Engineers (FEE)**  
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**ENVIRONMENT PEOPLE**



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**EC COMPLIANCE REPORT - GOTHEGHAR - JUN 2025.pdf**  
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# कोंकण गृहनिर्माण व क्षेत्रविकास मंडळ

(म्हाडाचा घटक)

**KONKAN HOUSING AND AREA  
DEVELOPMENT BOARD  
(A MHADA UNIT)**



EE-I/KB/ Gothehar 157 / Thane/ 892 /2025

Date:- 26/11/2025

To,

✓ Ministry of Environment, Forest and Climate Change,  
Regional Office (WCZ),  
Ground Floor East Wing,  
New Secretariat Building,  
Civil Line, Nagpur- 440001.

**Subject** Submission of Six Monthly Compliance Report in respect of the Stipulated  
Prior Environment Clearance Terms and Conditions for EWS Mass Housing  
Scheme at S. No. 157/1, Gothehar, Tal-Thane, Maharashtra.

**Reference** EC No. SEIAA-EC-0000001971, Dated: 11/09/2019  
File No: SEIAASTATEMENT-0000000223

Respected Sir,

This is reference to the Environment Clearance obtained dated: 11/09/2019 vide EC No.  
SEIAA-EC-0000001971 issued to us.

We are submitting herewith Six Monthly Compliance Report for the period from October 2024  
to March 2025.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours faithfully,

**Executive Engineer-I  
K.H. & A.D. Board.**

Enclosure: EC Compliance Report

**SIX MONTHLY COMPLIANCE  
REPORT IN RESPECT OF THE  
STIPULATED PRIOR  
ENVIRONMENT CLEARANCE  
TERMS AND CONDITIONS**

**ENVIRONMENTAL CLEARANCE DATED: 11/09/2019  
EC IDENTIFICATION NO: SEIAA-EC-0000001971  
FILE NO: SEIAA-STATEMENT-0000000223**

**PERIOD OF THE COMPLIANCE REPORT  
- OCTOBER 2024 TO MARCH 2025 -**

**FOR PROJECT  
EWS MASS HOUSING SCHEME  
AT S. NO. 157/1, GOTHEGHAR,  
TAL-THANE, MAHARASHTRA.**

**PROJECT BY  
M/s. KONKAN HOUSING AND AREA  
DEVELOPMENT BOARD (A MHADA UNIT)  
GRIHA NIRMAN BHAVAN, KALANAGAR,  
BANDRA EAST, MUMBAI**



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**MONITORING THE IMPLEMENTATION OF  
ENVIRONMENTAL SAFEGUARDS MINISTRY OF  
ENVIRONMENT, FOREST & CLIMATE CHANGE  
REGIONAL OFFICE  
(WEST CENTRAL ZONE), NAGPUR**

**MONITORING REPORT**

**1. DATA SHEET**

1	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	8(a) Building Construction project
2	Name of the project	EWS Mass Housing Scheme at S. No. 157/1, Gothehar, Tal-Thane, Maharashtra
3	Clearance letter ( s ) / OM No. and Date	Environmental Clearance Obtained Dated: 11/09/2019. EC No: SEIAA-EC-0000001971, File No: SEIAA-STATEMENT-0000000223 for TBUA (FSI + Non FSI) –79,684.17 sq.mt. EC copy enclosed as <b>Annexure - 1</b>
4	Location	S. No. 157/1, Gothehar, Tal -Thane, Maharashtra (Phase I) Google image is enclosed as <b>Annexure - 2</b>
a.	District (s)	Thane
b.	State (s)	Maharashtra.
c.	Latitude	19° 8'9.86"N
d.	Longitude	73° 3'42.54"E
5.	Address for correspondence	
a.	Address of Concerned Project Chief Engineer ( with pin code & Telephone / telex / fax numbers	Name: Shri Maheshkumar Jaswani Designation: Chief Engineer K. H & A.D. Board. M/s. Konkan Housing and Area Development Board (A MHADA Unit) Room No. 169, Mezzanine Floor, Griha Nirman Bhavan, Bandra (E), Mumbai. Telephone No:022-26591502
b.	Address of Executive Project Engineer/ Manager (with pin code/ Fax numbers )	Name: Shri Uday Jagannath Marathe Designation: Executive Engineer-I K.H & A.D. Board. M/s. Konkan Housing and Area Development Board (A MHADA Unit) Room No. 169, Mezzanine Floor, Griha Nirman Bhavan, Bandra (E), Mumbai. Telephone No:022-26591502

6.	Salient features	
a.	Of the project	EWS Mass Housing Scheme The proposed project will provide good quality residential accommodation for Economically Weaker Section (EWS).
b.	Of the Environmental Management Plan	<ul style="list-style-type: none"> <li>• Sewage treatment Plant with recycling facility.</li> <li>• Segregation of dry and wet waste</li> <li>• Organic waste converter machine for treatment of wet waste.</li> <li>• Green belt development plan.</li> <li>• Energy Saving Measures.</li> <li>• Traffic Management.</li> </ul>
7	Breakup of the project area	
a.	Submergence area forest & non-forest	Not applicable
b.	Other area	Total plot area -73,325 sq.mt. FSI: 69,318.71 sq.mt. Non-FSI: 10,365.45 sq.mt. and Total BUA: 79,684.17 sq.mt.
8	Breakup of the project affected Population with enumeration of Those losing houses/ dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless laborers/ artisan	Not applicable
a.	SC, ST/ Adivasis	Not applicable
b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)	Not applicable
9.	Financial details	
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference :	INR: 169.63 Cr.
b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	<ul style="list-style-type: none"> <li>• Construction phase: 11 Lakhs</li> <li>• Operation phase Capital cost – 64 Lakhs O &amp; M Cost – 19.75 Lakhs/annum.</li> </ul>
c.	Benefit cost ratio/Internal rate of Return and the year of assessment	Not applicable
d.	Whether above includes the Cost of environmental management as shown in the above.	....

e.	Actual expenditure incurred on the project so far	INR:179 Crores
d.	Actual expenditure incurred on the environmental management plans so far	INR:12 Lakhs
10.	Forest land requirement	Not applicable
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 afforestation program in the light of actual field experience.	Not applicable
11.	The status of clear felling in Non forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information	Not applicable
12.	Status of construction	Construction area completed on site – 74,282.14 sq.mt. Site Photograph enclosed as <b>Annexure – 3</b>
a.	Date of commencement (Actual and/or planned )	26/06/2020
b.	Date of completion ( Actual and/or planned )	05/06/2024
13.	Reasons for the delay if the project is yet to start	Not applicable
14.	Dates of site visits	
	a. The dates on which the project was monitored by the Regional Office on previous Occasions, if any b. Date of site visit for this monitoring report	....
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits. (The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	....

## 2. COMPLIANCE TO EC CONDITIONS

**Environmental clearance to the said project has been granted under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

### Specific Conditions:

Sr. No.	EC Conditions	Compliance Status
I	Committee noted that there are drastic changes in area statement; therefore PP to Upload corrected Area statement.	Complied
II	PP to upload layout plan submitted to local body as per revised area statement with acknowledgement receipt	Complied
III	PP to upload all layout plans on ECMPCB website for Green belt, Sewerage, Storm water drains, Parking, Fire tender movement.	Complied
IV	PP to upload detail calculations for RG area, Parking area, Sewerage design, Strom water drainage.	Complied
V	PP to submit & upload undertaking to provide requisite amenity space and to develop the said amenities.	Complied
VI	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.	Noted.
VII	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.

### General Conditions:

Sr. No.	EC Conditions	Compliance Status
I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Agreed to comply with. 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.	Complied. Part Occupancy Certificate was obtained from MHADA. Copy of Occupancy Certificate is enclosed as <b>Annexure-4</b> . Water Supply Confirmation from GoM, Department of Water Resources. Water supply permission is enclosed as <b>Annexure-5</b> . Sewage treatment plant established and is operation phase. Sewage generated treated suitability in STP. The sewage is



		treated to tertiary level confirming to MPCB standards and treated water being reused in flushing and landscaping purposes within the project premises.
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.	We agreed and complying the conditions stipulated by SEAC and 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.	Complied.
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.	Consent to Establish was obtained from Maharashtra Pollution Control Board, Consent, Dated: 26/06/2020. Order No: Format1.0/BO/JD (WPC)/UAN No.00000082390/CE/CC-2006001022. Consent to Establish Copy enclosed as <b>Annexure –6.</b> 1 <sup>st</sup> Consent to Operate was obtained from Maharashtra Pollution Control Board, Consent, Dated: 17/03/2024. Order No: Format1.0/CC/UAN No. 0000177493/CO/2403001670 Consent to Operate Copy enclosed as <b>Annexure – 7.</b>
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to	All required sanitary and hygienic facilities, drinking water, toilet and medical checkup have been provided.

	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.	Adequate provisions for drinking water and sanitary facilities already provided all throughout construction phase.
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.	The excavated materials partly reused at site and remaining disposed by authorized contractors. Top soil will be used for gardening.
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.	Necessary precautions were taken and arrangements were made for safe disposal of excavated earth and construction waste during construction phase. The trucks carrying excavated earth and construction materials were suitably covered by plastic sheets.
XI	Arrangement shall be made that waste water and storm water do not get mixed.	Measures have been taken so that no sewage and storm water gets mixed up. Domestic waste water is being conveyed through closed pipelines to STP for treatment and being reutilized within the premises for flushing and landscaping. Separate storm water drains established.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Top soil will be used for gardening.
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.	Natural drainage system of area is not disturbed. The excavated materials partly reused at site and remaining disposed by authorized contractors.
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.	The selection of plant species has been done on the basis of adaptation to geographical conditions and keeping in mind the local species and their habitats on the site. No. of Trees Planted: 344 nos.

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.	We have taken all the precaution for this important issue and checked for no contamination of groundwater by adopting proper mitigation techniques.
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.	No hazardous materials or other Bituminous materials were used at the site till now.
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 generation during construction phase
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.	DG set are with acoustic canopy & confirming the rules made under the Environment (Protection) Act 1986.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	The diesel is procured as and when required. No storage on site.
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.	All the vehicles used for construction materials supply were in good condition and PUC certificate ensured and other applicable norms maintained during construction phase of the project.
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.	Complied. Ambient Air quality and Noise level is being monitored regularly. Air and Noise Monitoring reports enclosed as <b>Annexure –8</b> .
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of	Use of fly ash cement, bricks, hollow brick and other environment friendly materials for the project.

	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.	Pre fabrication technique was used during the construction phase to reduce the water demand. In this technique construction components such as column of various sizes are pre fabricated at this site. The process consists of mixing of cement and water in appropriate quantities in closed mixer. This is poured into precast shapes of columns of various sizes. It is then cooled and these components are dispatched to respective construction sites. There is neither wastewater nor any fugitive air emission anticipated from this entire process.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Storm water from the entire plot will be collected through network of storm water drains. Storm water from plot area will be collected in the rainwater harvesting units and diverted in Recharge pit through Storm Water Drain.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Pre fabrication technique was used during the construction phase to reduce the water demand.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	No ground water extraction during construction and operation phase.
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	Sewage generated treated suitability in STP. The sewage is treated to tertiary level confirming to MPCB standards and treated water being reused in flushing and landscaping purposes within the project premises. Regular maintenance is being carried out to mitigate odour problem from STP. STP detail and Photographs enclosed as <b>Annexure – 9</b> .

	unused treated affluent, 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.	No ground water extraction for any purpose during the construction and operation phase of the project. Hence permission to draw ground water is not required.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Complied.
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.	Only low flow and low flush water saving plumbing fixtures and automatic level controller at water tanks provided to reduce the demand side of water resources.
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.	Noted.
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	Energy saving by using 28 watt T-5 tube lights in common area lights, LED Tube lights for common area and VVVF Drive for Electric motor in Passenger Lifts for better efficiency during part load operation.



	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.	The D.G Sets and the stack height have been according to the CPCB norms.
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. Noise level is being monitored regularly. Monitoring reports enclosed as <b>Annexure –8</b> .
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.	Entry and exit to the site are located in such way that it won't affect traffic on the adjoining roads. Also sufficient parking is provided. There is no traffic congestion near the entry and exit points due to separate entry and exit points, internal roads of suitable has been developed as to avoid congestion in traffic parking is fully internalized and no public space has been used for parking needs. Trained watchmen are deployed at entry and exit points to manage the incoming and outgoing traffic. Pedestrian facilities like pedestrian strip and pedestrian crossing has been provided. Adequate traffic signs has been provided to notify the residents.
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	Not applicable.

	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.	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.	Complied.
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.	Complied. No construction was started before obtaining Environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Agreed to comply with.
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.	Complied.
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.	The wet waste is being processed in the organic waste converter which convert organic waste into manure. Manure is being utilized in gardening. OWC detail and photograph enclosed as <b>Annexure-10.</b>
XLIV	Local body should ensure that no occupation certification is issued prior	Complied.

	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.	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 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.	Separate fund has already been allocated and being utilize for Environmental Protection Measures.
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 conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	Agreed to comply with.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local	Noted

	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, 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.

**ANNEXURE - 1**  
**ENVIRONMENTAL**  
**CLEARANCE COPY**





# STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: September 11, 2019

To,  
**Kokan Housing and Area Development Board (MHADA)**  
at S. No. 157/1

**Subject:** Environment Clearance for EWS Mass Housing Scheme at S. No. 157/1, Gothehar, Tal-Thane, Maharashtra (Phase I)

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-II, Maharashtra in its 54th 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 174th meetings.

2. It is noted that the proposal is considered by SEAC-II under screening category NA as per EIA Notification 2006.

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

1.Name of Project	Proposed EWS Mass Housing Scheme at S. No. 157/1, Gothehar, Tal-Thane, Maharashtra (Phase I)
2.Type of institution	Government
3.Name of Project Proponent	Kokan Housing and Area Development Board (MHADA)
4.Name of Consultant	Fine Envirotech Engineers
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 157/1
9.Taluka	Thane
10.Village	Gotheghar
11.Whether in Corporation / Municipal / other area	other area
12.IOD/IOA/Concession/Plan Approval Number	Not received yet IOD/IOA/Concession/Plan Approval Number: Not received yet Approved Built-up Area: 69318.72
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	--
15.Total Plot Area (sq. m.)	73325 sq. m.
16.Deductions	13931 sq.m.
17.Net Plot area	59393 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 69318.71 sq. q Non FSI area (sq. m.): 10365.45 sq. m. Total BUA area (sq. m.): 79684.17 sq. m.
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	6101.37 sq. m.

**SEIAA Meeting No: 174 Meeting Date: August 29, 2019 ( SEIAA-STATEMENT-000000223 )**  
**SEIAA-MINUTES-0000002488**  
**SEIAA-EC-0000001971**

Page 1 of 12

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

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	8.32
21.Estimated cost of the project	1696300550



# 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

Dry season:	Source of water	MIDC
	Fresh water (CMD):	774.51 KLD
	Recycled water - Flushing (CMD):	388 KLD
	Recycled water - Gardening (CMD):	35 KLD
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	1196.94 KLD
	Fire fighting - Underground water tank(CMD):	150 cubic meter
	Fire fighting - Overhead water tank(CMD):	25 cubic meter
	Excess treated water	507
Wet season:	Source of water	MIDC
	Fresh water (CMD):	774.51 KLD
	Recycled water - Flushing (CMD):	388 KLD
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	1162.48 KLD
	Fire fighting - Underground water tank(CMD):	150 cubic meter
	Fire fighting - Overhead water tank(CMD):	25 cubic meter
	Excess treated water	542
Details of Swimming pool (If any)	NA	

24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	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
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		plan will be provided						
	Size and no of RWH tank(s) and Quantity:		plan will be provided						
	Location of the RWH tank(s):		Ground						
	Quantity of recharge pits:		plan will be provided						
	Size of recharge pits :		plan will be provided						
	Budgetary allocation (Capital cost) :		plan will be provided						
	Budgetary allocation (O & M cost) :		plan will be provided						
	Details of UGT tanks if any :		plan will be provided						
26.Storm water drainage	Natural water drainage pattern:		proper storm water plan will be provided						
	Quantity of storm water:		proper storm water plan will be provided						
	Size of SWD:		--						
27.Sewage and Waste water	Sewage generation in KLD:		930						
	STP technology:		MBBR						
	Capacity of STP (CMD):		1 STP of 950 KLD capacity						
	Location & area of the STP:		Location- Ground, area- 1000 sq. m.						
	Budgetary allocation (Capital cost):		120 lakh						
	Budgetary allocation (O & M cost):		10 lakh						

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	includes preconstruction debris and excavated material
	<b>Disposal of the construction waste debris:</b>	Waste includes debris materials (rubble & soil). Part of the soil will be used for leveling if suitable and other waste will be disposed off with authorized contractor as per rules and debris management.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1728.6 kg/day, Recyclable: Paper, bottles, glass, note books, safety pins, caps of mineral water bottles etc
	<b>Wet waste:</b>	2583.3 kg/day, Organic: Tea Leaves, Eggshells, Old Food and Vegetables peels.
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	47 kg/day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Dry waste will be handed over to authorized facility for recycling
	<b>Wet waste:</b>	wet waste will be process in the Mechanical Composter and manure will be used for gardening
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	The sludge generated will be use as manure.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	120 sq m
	<b>Area for machinery:</b>	50 sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	3000000
	<b>O &amp; M cost:</b>	600000

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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
Source of Fuel		Not applicable		
Mode of Transportation of fuel to site		Not applicable		

33.Energy		
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	150 kW
	DG set as Power back-up during construction phase	380 kv
	During Operation phase (Connected load):	5146.3 kW
	During Operation phase (Demand load):	3087.8 kW
	Transformer:	--
	DG set as Power back-up during operation phase:	2 DG sets of 120 kva capacity
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

34.Energy saving by non-conventional method:	
100 stand alone solar lights	

36.Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	--	--

37.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	30 lakh
	O & M cost:	3 Lakh

38.Environmental Management plan Budgetary Allocation	
a) Construction phase (with Break-up):	

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Site Safety	Barricading & Dust Suppression etc	4
2	Environmental Monitoring	Air, Noise, Water, Biological etc	4
3	Sanitary Facility and Waste Water Management	--	3

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Air, Noise, Water, Biological etc	--	3
2	Rain Water Harvesting System	overhead tanks, recharge pits etc	12	0.75
3	Solid Waste Management	Collection and disposal of solid waste	10	4
4	Green Belt Development	Plantation	12	4
5	Occupational Health & Safety Training	supply of safety items, sinages etc	--	3
6	Cost for DMP (capital and recurring)	Disaster management	30	5

**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

**40.Any Other Information**

No Information Available

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	<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>	NA
	<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 174th 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>	Committee noted that there are drastic changes in area statement; therefore PP to Upload corrected Area statement.
<b>II</b>	PP to upload layout plan submitted to local body as per revised area statement with acknowledgement receipt
<b>III</b>	PP to upload all layout plans on ECMPCB website for Green belt, Sewerage, Storm water drains, Parking, Fire tender movement.
<b>IV</b>	PP to upload detail calculations for RG area, Parking area, Sewerage design, Strom water drainage.
<b>V</b>	PP to submit & upload undertaking to provide requisite amenity space and to develop the said amenities.
<b>VI</b>	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.
<b>VII</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.

**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.
<b>IX</b>	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.
<b>X</b>	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 be 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.
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.
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.
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, 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 THANE
10. REGIONAL OFFICE MPCB THANE
11. REGIONAL OFFICE MIDC AMBERNATH
12. REGIONAL OFFICE MIDC THANE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE THANE



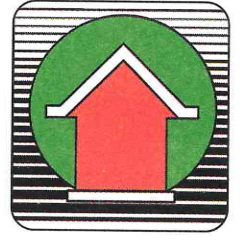


## **ANNEXURE - 3**

### **SITE PHOTOGRAPHS**



**ANNEXURE - 4**  
**PART OCCUPANCY**  
**CERTIFICATE**



No. EE/BP/PMAY/A/MHADA/374 /2024

Dated:- 05 JUN 2024

To,

1. The Executive Engineer – I,  
Konkan Housing & Area Development Board,  
Bandra (E), Mumbai-400 051.
2. Arch. Anilkumar Sharma,  
601/24-A, Maitri CHS,  
Bimbisar Nagar, Goregaon (E),  
Mumbai-65.

Sub :- Part Occupation certificate of Proposed Construction of Affordable Housing under Pradhan Mantri Awas Yojana at survey No. 157, at Gothehar, Tal-Thane, Dist- Thane for Bldg No.1A,1B, 2, 6A & 6B (Gr.+14), having 1185 EWS T/s.

Ref :- 1) Ex.Engr-I/Konkan Board/ MHADA letter No.110, dtd.11/03/2024 & No.186 dtd. 02/05/2024.  
2) Amended plan issued vide letter No.369 dtd.30/05/2024


Sir,

With reference to above letter, this is to inform you that there is No Objection to occupy the Bldg No. 1A,1B, 2, 6A & 6B (Gr.+14) having total 1185 EWS tenements on plot bearing survey No. 157, at Gothehar, Tal-Thane, Dist- Thane under Affordable Housing project of Pradhan Mantri Awas Yojana, which is constructed & completed under the supervision of Architect Shri.Anilkumar R. Sharma of M/s B.G. Shirke Const. Tech. Pvt. Ltd. (Regn. Lic. No. CA/1196/20511) and Structural Engineer Shri.Y.P. Kajale (Regn. STR/K/170) subject to following conditions.

1. That the final Certificate of Water Supply Department, MSEB Department & Health Department shall be submitted to this office before issue of full O.C. of remaining Bldgs.
2. That Final N.O.C. from Supdt. Of Garden shall be submitted to this office before issue of full O.C. of project.
3. That the name of MHADA shall be included in the 7/12 or property card and the copy of the same shall be submitted before issue of full O.C of subjected Bldgs. as undertaken by you.
4. That the area under GAS Pipe Line (GAIL) should be handed over to GAIL India ltd. and also necessary agreement shall be done with GAIL India before issue of full O.C. of subjected project till then the said area should be maintained encroachment free by Konkan Housing & Area Development Board. Also permission should be given to GAIL for their Routine Inspection.



5. All RG areas proposed in the mentioned scheme should be maintained encroachment free by Konkan Housing & Area Development Board until these RG areas are handed over to the Housing Societies of the said scheme.
  6. **That the part portion of land of proposed 9.00m wide road in front of Bldg No.1 should be purchased from the private land owner through purchase deed by the Konkan Board and / or right of way should be obtained from related land owner. The said road should be maintained by Konkan Board for the purpose of access to the said scheme.**
  7. That terms and condition of consent to operate certificate issued by MPCB shall be followed by Konkan Board.
  8. That the 45.00m, 24.00m D.P. Road & approach road affected area should be handed over to Local Authority and till handing over, the said DP roads affected are should be maintained encroachment free by Konkan Housing Board.
  9. That the sufficient portable drinking water shall be provided to the tenants of tenement allotted & also sufficient flushing water shall be provided for flushing purpose.
  10. That the sufficient Electric supply to all tenements should be allotted & also common area shall be provided.
  11. Disposal of S.W. drain & drainage shall be maintained properly.
  12. That this part OC is without prejudice to legal matters pending in Court of Law if any.
  13. Addition / alteration in the approved building plan shall not be allowed.
  14. Terms and conditions mentioned in Environmental Clearance shall be strictly followed.
  15. The periodic maintenance of Common amenities such as Water Supply, Electrical, Mechanical & Civil shall be maintained.
  16. Terms & condition mentioned in CFO NOC shall be strictly followed.
- A set of certified completion building plans is returned herewith please.

  
**Executive Engineer/B.P.Cell**  
**PMAY/ MHADA**

**Copy forwarded for favour of information :**

1. Architect:- Arch. Anilkumar Sharma, 601/24-A, Maitri CHS, Bimbisar Nagar, Goregaon (E), Mumbai-65,
2. Chief Officer, Konkan Housing & Area Development Board, MHADA.
3. Chief planning division, MMRDA, BKC, Mumbai-400 051.
4. Chief I.C.T. Officer, MHADA for information & to be uploaded on official MHADA website.
5. Executive Engineer-II/PMAY/MHADA/A, for information

*Recd*  
*AKS*  
*CA- AKS*  
*05/06/2024*

**Sd/-**  
**Executive Engineer/B.P.Cell**  
**PMAY/ MHADA**

# **ANNEXURE - 5**

## **WATER SUPPLY NOC**

प्रधानमंत्री आवास योजनेअंतर्गत अत्यल्प उत्पन्न गट योजना प्रकल्पाअंतर्गत बांधण्यात येणाऱ्या सदनिकांसाठी घरगुती वापरासाठी उल्हास नदीतून पिण्यासाठी मोठ्या प्रमाणात (Bulk water Entitlement) पाण्याच्या हक्क प्रस्ताव.

महाराष्ट्र शासन  
जलसंपदा विभाग  
शासन निर्णय क्रमांक. विसिआ २०२१/(११२/२०२१)/सि.व्य.(घो-२)  
मंत्रालय, मुंबई-४०० ०३२.  
दिनांक : १२/०८/२०२१

**संदर्भ :-** १) कार्यकारी संचालक, कोकण पाटबंधारे विकास महामंडळ, ठाणे यांचे पत्र दि.४/०६/२०२१  
२) शासन निर्णय क्र. संकिर्ण २०१३/(४१५/१३)/सि.व्य (घोरण) दि. १६/८/२०१४  
३) शासन निर्णय क्र. संकिर्ण २०१५/(४४/१५)/सि.व्य (घोरण) दि. १७/११/२०१६  
४) शासन निर्णय क्र. देवदु २०१५/(८३६/१५)/सि.व्य (कामे) दि. १७/११/२०१६  
५) शासन निर्णय क्र. संकिर्ण २०१८/(५११/१८)/सि.व्य (घोरण) दि. १/१२/२०१८  
६) महाराष्ट्र औद्योगिक विकास महामंडळ यांचे पत्र क्र. औविम/मु.अ./सी ४८६२८/२०१७ दि. ९/०६/२०१७

**प्रस्तावना:-**

संदर्भित पत्र क्र. १ अन्वये कोकण पाटबंधारे विकास महामंडळ, ठाणे यांचेकडून प्रधानमंत्री आवास योजनेअंतर्गत (PMAY) अत्यल्प (EWS) उत्पन्न गट योजना प्रकल्पाअंतर्गत बांधण्यात येणाऱ्या सदनिकांसाठी घरगुती वापरासाठी उल्हास नदीतून विगर सिंचन मोठ्या प्रमाणात पाण्याचा हक्कास (Bulk Water Entitlement) मंजुरी मिळणेबाबत प्रस्ताव प्राप्त झालेला आहे . संदर्भ क्र. ३ येथील शासन निर्णयान्वये विगर सिंचन मोठ्या प्रमाणात पाण्याचा हक्क प्रस्तावांना मंजुरी देण्यासाठी क्षेत्रिय वाटपाच्या मर्यादेनुसार सुधारित स्तर निश्चित करण्यात आलेले आहेत. या शासन निर्णयातील परिच्छेद क्र.२.३ मधील तरतुदीनुसार पिण्याच्या व आैद्योगिक पाणी वापराच्या विगर सिंचन मोठ्या प्रमाणात पाण्याचा हक्क प्रस्तावांना मान्यता देण्याचे अधिकार मा.मंत्रीमंडळ उप समितीला देण्यात आले आहेत. याअनुषंगाने शासनास प्राप्त झालेल्या खालील प्रस्तावाला मंजुरी देण्याचे शासनाच्या विचाराधीन होते .

**शासन निर्णय :-**

१.० मा.मंत्रीमंडळ उपसमितीच्या सदस्यांमध्ये चक्राकार पद्धतीने नस्तीवर घेतलेल्या निर्णयानुसार खालील तक्त्यातील रकाना क्र.२ मध्ये नमूद संस्थेला त्यांचे नावासमोर रकाना क्र.५ मध्ये नमूद मोठ्या प्रमाणात पाण्याचा हक्कास,परिच्छेद ३.० मधील अटीच्या अधीन राहून मान्यता देण्यात येत आहे.

अनु.क्र	संस्थेचे नांव	पाणी वापराचा प्रकार	जलाशय/कालवा/ नदीचे नांव	मंजूर केलेले मोठ्या प्रमाणात पाण्याचा हक्क (Bulk Water Entitlement) (दलघमी)
१	२	३	४	५
१	प्रधानमंत्री आवास योजना मौजे खोणी , मौजे शिरढोने ता. कल्याण मौजे भंडाली , मौजे गोठेघर ता. ठाणे जि. ठाणे	पिण्यासाठी	उल्हास नदीतून	४.६८ दलघमी (घरगुती)

- ३.० उपरोक्त नमूद प्रस्तावास खालील अटींच्याअधीन राहून मान्यता देण्यात येत आहे.
१. महाराष्ट्र औद्योगिक विकास महामंडळामार्फत त्यांचे जलउदंचन केंद्रातून पाणी उचल करून शुद्धीकरण झाल्यानंतर अस्तित्वात असलेल्या जलवाहिनीद्वारे त्यांना मंजूर असलेल्या कोटयातून पाणीपुरवठा करण्यासाठी मुख्य अभियंता , महाराष्ट्र औद्योगिक विकास महामंडळ यांनी कार्यवाही करावी .
२. शासन निर्णय क्र. संकीर्ण २०१३/(४१५/२०१३)/सि.व्य (धोरण), दि. १६/८/२०१४ व शासन निर्णय क्र. संकीर्ण २०१५/(प्र.क्र.२७४/नवि-३३), दि. १७/१२/२०१६ मधील तरतुदीं नुसार सिंचन पुर्नस्थापनेच्या खर्चाबाबत आवश्यक कार्यवाही करावी.
३. विगर सिंचन पाणी पुरवठ्यासाठी करारनाम्याचा सुधारीत नमुना व मार्गदर्शक तत्वे महाराष्ट्र शासन, पाटबंधारे विभाग शासन परिपत्रक क्र. बिपापू १००१/(७१३/२००१)/सि.व्य(घो), मुंबई- ३२, दि. ७/४/२००३ अन्वये निर्गमित केल्या आहेत. त्यानुसार करारनामा करण्यात यावा .
४. शासन परिपत्रक क्र. पापव -२०१५६/(प्र.क्र.४००/२०१५)/सि.व्य (महसूल) दि.१५/१२/२०१५ अन्वये विगरसिंचन पाणी पाणीवापराचे करारनामे करणे व नुतनीकरण वेळेवर करणे बाबत मार्गदर्शक सूचना निर्गमित केल्या आहेत त्यानुसार कार्यवाही करण्यात यावी.
५. जलस्रोत प्रदुषित करणाऱ्या पाणी वापरकर्त्याकडून दंडनीय पाणीपट्टी आकारणी करणेबाबत मार्गदर्शक तत्वे या विषयाबाबत शासन निर्णय क्र. पापव २०१५/(प्र.क्र.८८/२०१५)/सि.व्य (महसूल) दि. २१/४/२०१६ मधील अटींचे पालन करणे पाणी वापरकर्त्यांना बंधनकारक राहील.
६. महाराष्ट्र शासन, जलसंपदा विभाग, शासन निर्णय क्र. संकीर्ण २०१०/(४०७/१०)/सि.व्य (धोरण), दि. २९/६/२०११ अन्वये करारनामा करताना विगरसिंचन पाणीवापरकर्ते अंतिम पाणी मागणी प्रमाणे टप्प्याटप्प्याने पाणीवापर करण्याचे नियोजन नमुद करू शकतील. त्याचप्रमाणे महाराष्ट्र जलसंपत्ती नियमन प्राधिकरणाचे आदेश क्र. १/२०१८ मधील तरतुदीनुसार कार्यवाही करण्यात यावी .
७. शासन निर्णय क्र. देवदु २०१५/(८३६/२०१५)/सि.व्य (कामे), दि. १७/११/२०१६ अन्वये पाटबंधारे विकास महामंडळाच्या अधिनियमातील तरतुदीनुसार सिंचन प्रकल्पांचे व्यवस्थापन पाटबंधारे महामंडळाकडे वर्ग करणे व पाणीपट्टीची रक्कम प्रकल्पांच्या सिंचन व्यवस्थापनाच्या कामासाठी खर्च करण्यास मान्यता देणेसाठीचा निर्णय निर्गमित करण्यात आलेला आहे. त्याप्रमाणे कार्यवाही करण्यात यावी.
८. पाणी उचलण्याची/ पुरवठ्याची जागा व क्षेत्रीय परिस्थितीनुसार इतर अटी शर्तीचा अंतर्भाव करून संबंधित मुख्य अभियंता यांनी सविस्तर जापन तात्काळ निर्गमित करावे .



9. "This reservation is only the letter of support for the, water supply scheme or the industry as the case may be. Actual quantity of water that will be supplied every year shall be governed by the entitlement granted to the water user entity by the River Basin Agency based on the population and the reasonable use norm decided by this Authority and the yearly allocation declared by the prescribed Authority on the basis of reservoir contents of the year and shall be subjected to various provisions in the agreement that will be signed by the water user entity with River basin Agency."

हा शासन निर्णय महाराष्ट्र शासनाच्या [www.maharashtra.gov.in](http://www.maharashtra.gov.in) या संकेतस्थळावर उपलब्ध असून त्याचा संगणक संकेतांक २०२१०८१२१९०३५०७९२७ असा आहे. हा आदेश डिजीटल स्वाक्षरीने साक्षांकित करून काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने.

Vaijnath  
Manmathappa Chille

Digitally signed by Vaijnath Manmathappa Chille  
DN: cn = Vaijnath Manmathappa Chille, o = Maharashtra Government, ou = Maharashtra Government, email = vaijnath.manmathappa@maharashtra.gov.in, c = IN  
Date: 2021.08.12 11:11:11 +05'30'

(वैजनाथ चिल्ले)  
शासनाचे उप सचिव

प्रति,

१. मा.राज्यपालांचे सचिव.
२. मा.मुख्यमंत्री यांचे प्रधान सचिव.
३. मा. उपमुख्यमंत्री (वित्त व नियोजन) यांचे सचिव
४. मा. अध्यक्ष/उपाध्यक्ष, विधानसभा, विधानभवन, मुंबई.
५. मा. सभापती/उपसभापती, विधानपरिषद, विधानभवन, मुंबई.
६. मा. विरोधी पक्षनेते, विधानसभा, मुंबई यांचे कार्यालय, विधानभवन, मुंबई.
७. मा. विरोधी पक्षनेते, विधानपरिषद, मुंबई यांचे कार्यालय, विधानभवन, मुंबई.
८. मा.मंत्री यांचे खाजगी सचिव.
९. मा.राज्यमंत्री यांचे खाजगी सचिव.
१०. मा. सचिव, उद्योग व उर्जा विभाग, मंत्रालय, मुंबई.
११. सचिव, महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण, मुंबई.
१२. सचिव (जसंव्य व लाक्षेवि), जलसंपदा विभाग, मंत्रालय, मुंबई.
१३. सचिव, (प्रकल्प समन्वय), जलसंपदा विभाग, मंत्रालय, मुंबई.
१४. कार्यकारी संचालक, कोकण पाटबंधारे विकास महामंडळ, ठाणे
१५. मुख्य अभियंता (पा) व सहसचिव, जलसंपदा विभाग, मंत्रालय, मुंबई.
१६. मुख्य अभियंता (जसं), कोकण प्रदेश, जलसंपदा विभाग, मुंबई.
१७. मुख्य अभियंता, महाराष्ट्र औद्योगिक विकास महामंडळ, मुंबई.
१८. अधीक्षक अभियंता, ठाणे पाटबंधारे मंडळ, ठाणे
१९. निवडनस्ती कार्यासन सिंव्य (धोरण).



**ANNEXURE - 6**  
**CONSENT TO ESTABLISH**  
**COPY**

## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
E-mail: [jdwater@mpcb.gov.in](mailto:jdwater@mpcb.gov.in)



Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floor  
Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E)  
Mumbai-400 022.

Infrastructure /RED/LSI

Consent Order No: - Format 1.0/BO/JD (WPC)/UAN No.00000082390/CE/CC-

Date: 26-06-2020  
103/2020

2006001022

To,  
M/s. Kokan Housing and Area Development Board (MHADA),  
Construction of EWS T/s (PMAY),  
S. No. 157/1, Gothehar, Tal. Thane, Dist. Thane.

Sub: Grant of Consent to Establish for Construction of Residential Project in Red Category.

Ref.: 1. Environmental Clearance obtained vide No. SEIAA-EC-0000001971,  
dtd 11.09.2019

1. Minutes of Consent Committee meeting held on 06/02/2020.

Your application No. 0000082390, Dated 07/11/2019

For: Grant of Consent to Establish 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 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) 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 Establish is valid for period up to commissioning or up to 5 year whichever is earlier.
2. The capital investment of the project is Rs.169.63 Crs as per undertaking submitted by P.P.
3. The Consent to Establish is valid for construction Residential cum Commercial project of M/s. Kokan Housing and Area Development Board (MHADA), Construction of EWS T/s (PMAY), S. No. 157/1, Gothehar, Tal. Thane, Dist. Thane, on total plot area of 73325 Sq. Mtrs. for total construction BUA of 79684.17 Sq. Mtrs.
4. 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	620	As per Schedule -I	The treated domestic effluent shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening and connected to sewerage system provided by Local Body.

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

Sr. No.	Description of stack/ source	Number Of Stack	Standards to be achieved
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# Maharashtra Pollution Control Board

## 5ef2ff0f99513b24b0caec2a

### 6. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000:

Sr. no.	Type Of Waste	Quantity	Treatment	Disposal
1	Biodegradable	2583.3 Kg/D	OWC	Used as Manure
2	Non-Biodegradable	1728.6 Kg/D	Segregate	Hand over to Local Body for recycling
3	STP Sludge	47 Kg/D	Drying	Used as Manure

### 7. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for treatment and disposal of hazardous waste

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
NIL					

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall provide adequate capacity of sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
- The treated domestic effluent shall be 60 % recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- Project Proponent shall comply with the conditions stipulated in Environmental Clearance granted by SEIAA vide No. SEIAA-EC-0000001971, dtd 11.09.2019
- Project Proponent shall install online monitoring system for pH, SS and flow at the outlet of Sewage Treatment Plant.
- 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.
- Project Proponent shall install organic waste converter along with composting facility for the treatment of wet garbage.

For and on behalf of the  
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount	DR/ DD/ RTGS/ NEFT/ TXN No.	Bank Name	Date
1	Rs. 3,38,000/-	5457638A(RTGS)	Bank of Maharashtra	06/12/2019

Copy to:

- Regional Officer (Navi Mumbai)/ Sub-Regional Officer (NM-II), M.P.C. Board.  
-They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- 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 provide Sewage Treatment Plants of designed capacity **950 CMD** based on MBBR technology for the treatment of **620 CMD** of domestic sewage.
- B] The Applicant shall operate the Sewage Treatment Plant (STP) to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr. No.	Parameters	Standards prescribed by Board
		<b>Limiting Concentration in mg/l, except for pH</b>
01	pH	6.5-9.0
02	BOD	Not more than 10
03	TSS	Not more than 20
04	COD	Not more than 50
05	NH <sub>4</sub> N	Not more than 5
06	N-total	Not more than 10
07	Fecal Coliform (MPN/100 ml)	Less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure 60% recycling of treated sewage and shall maintain the record with data logging system. PP shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit. The online monitoring data of the parameters Flow, BOD, TSS at the STP outlet shall be connected to MPCB Server.
- 1) 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 shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system and/ or extension or addition thereto.
- 2) The industry shall 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, and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1	Industrial Cooling, spraying in mine pits or boiler feed	NIL
2	Domestic purpose	774.51
3	Processing whereby water gets polluted & pollutants are easily biodegradable	NIL
4	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	NIL



# Maharashtra Pollution Control Board

## 5ef2ff0f99513b24b0caec2a

### Schedule-II

#### Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to installed the Air pollution control (APC) system and also erected 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	SO <sub>2</sub> Kg/D
1	--	--	--	--	--	--

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

Total Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
--------------------------	---------------	------------------------

3. The Applicant shall 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.
4. 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)	Amt of BG Imposed	Submission Period**	Purpose of BG	Compliance Period	Validity
1	C to E	Rs.10 Lakh	15 Days	Towards compliance of EC & Consent to Establish conditions	COU	COU

\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.





Schedule-IV

General Conditions:

- 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 Municipal Solid Waste (Management & Handling) Rule 2000, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling) Rule 2011.
- 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) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 6) 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.
- 7) Applicant shall submit official e-mail address and any change will be duly informed to 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 the Board prior to commissioning of the Project.**

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**ANNEXURE - 7**  
**CONSENT TO 1<sup>ST</sup>**  
**OPERATE COPY**

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000177493/CO/2403001670

Date: 17/03/2024

To,  
Construction of EWS T/s (PMYA) at  
S.No.157/1,Gothehar,Tal.  
Thane,Dist.Thane



**Sub: 1st Consent to Operate in Red/LSI category for Building and Construction project.**

- Ref:**
1. Application Submitted by Sub-Regional Office-Nav Mumbai-II vide MPCB-CONSENT-0000177493.
  2. Consent to Establish obtained vide no. Format 1.0/ BO/ JD(WPC)/ UAN No. 00000082390/ CE/ CC-2006001022 dated 26/06/2020.
  3. Environmental Clearance obtained vide No. SEIAA-EC-0000001971 dated 11/09/2019.
  4. Minutes of 30th Consent Committee dated 08/02/2024.

Your application NO. MPCB-CONSENT-0000177493

For: grant of Consent to Operate 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 / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) 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 1st Consent to Operate for 100% completion of entire project in Red/LSI category is hereby granted for a period up to 31/10/2025.**
2. **The capital investment of the project is Rs.169.63 Cr. (As per undertaking submitted by pp).**
3. **The Consent to Operate is valid for Residential cum commercial project named as Construction of EWS T/s (PMYA) at S.No.157/1,Gothehar,Tal. Thane,Dist.Thane,157/1,Gothehar,Thane,Thane on Total Plot Area of 73325 SqMtrs and for completed construction BUA of 79684.17 SqMtrs out of Total Construction BUA of 79684.17 SqMtrs i.e. 100% completion of entire project as per EC granted dated 11/09/2019 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environmental Clearance obtained vide No. SEIAA-EC-0000001971 dated 11/09/2019.	73325.00	79684.17
2	Consent to Establish obtained vide no. Format 1.0/ BO/ JD(WPC)/ UAN No. 00000082390/ CE/ CC-2006001022 dated 26/06/2020.	73325.00	79684.17



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

<b>Sr No</b>	<b>Description</b>	<b>Permitted (in CMD)</b>	<b>Standards to</b>	<b>Disposal</b>
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	620	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

<b>Stack No.</b>	<b>Description of stack / source</b>	<b>Number of Stack</b>	<b>Standards to be achieved</b>
10	NA	0	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

<b>Sr No</b>	<b>Type Of Waste</b>	<b>Quantity &amp; UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	Wet Waste	2583.3 Kg/Day	Storage in covered shed and treatment in OWC	USED as MANURE FOR GARDENING
2	Dry Waste	1728.6 Kg/Day	Segregation and Storage in covered shed	Handed over to MPCB Authorized Vendor

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

<b>Sr No</b>	<b>Category No.</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
NA					

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- PP shall submit the undertaking in Board's prescribed format within 15 days regarding compliance of conditions stipulated in Environmental Clearance (EC) and Consent to Operate.
- PP shall submit the renewed/ extended BG of Rs. 10 lakhs towards O&M of STP, OWC and compliance of conditions stipulated in EC and Consent to Operate.
- PP shall provide adequate capacity of sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
- The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
- Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility.
- Project Proponent shall operate the Organic waste digester with composting facility or biodigester with composting facility effectively

16. 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.
17. The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.
18. The project proponent shall take adequate measures to control dust emission and noise level during construction phase.
19. The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-EC-0000001971 dtd 11/09/2019 for construction project having total plot area of 73325 Sqm and total construction BUA of 79684.17 Sqm as per specific condition of EC.
20. PP shall obtain Environmental Clearance from competent authority for the proposed EXPANSION activity, if any. PP shall not take effective steps towards construction without obtaining Environmental Clearance for EXPANSION, if any.
21. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance/CRZ Clearance.
22. This consent is issued as per Minutes of 30th Consent Committee meeting dated 08/02/2024.



**Received Consent fee of -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	678520.00	MPCB-DR-21259 A	11/10/2023	RTGS

-

**Copy to:**

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad II
  - They are directed to ensure the compliance of the consent conditions.
  - They are directed to obtain the renewed bank guarantee of Rs. 10 lakhs from the PP as per Schedule III.
2. Chief Accounts Officer, MPCB, Sion, Mumbai

### **SCHEDULE-I**

#### **Terms & conditions for compliance of Water Pollution Control:**

- 1) A] As per your application, you have provided RMBR based Sewage Treatment Plants (STPs) of combined capacity **950 CMD for treatment of domestic effluent of 620 CMD.**
- B] The Applicant shall operate the sewage 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.

<b>Sr.No</b>	<b>Parameters</b>	<b>Limiting concentration not to exceed in mg/l, except for pH</b>
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) 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 shall 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.
- 3) The industry shall 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.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	774.51
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) 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 provided the Air pollution control (APC) system and erected following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
0	NA		0.00	-	-	0	-

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

Total Particular matter	Not to exceed	150 mg/Nm <sup>3</sup>
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) 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).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
  - The toilet shall be provided with exhaust system connected to chimney through ducting.
  - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
  - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

### SCHEDULE-III

#### Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2O	Rs. 10 lakhs (Existing BG extended)	Submit renewed copy within 15 days	Towards compliance of consent conditions & EC conditions as well as towards O&M of pollution control systems so as to achieve consented standards.	31/10/2025	28/02/2026

\*\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.  
# Existing BG obtained for above purpose if any may be extended for period of validity as above.

#### BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
1	-	-	-	-	-	-

#### BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
1	-	-	-	-

## **SCHEDULE-IV**

### **General Conditions:**

- 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 Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 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) 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.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) 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.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments 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 Rule 2016 & E-Waste (M & H) Rule 2011.
- 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 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 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.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.



**ANNEXURE - 8**  
**AMBIENT AIR / NOISE**  
**MONITORING REPORT**





# ATLANTA INDUSTRIAL CORPORATION

*The Water Treatment & Envirocare, People*



Manufacturing & Dealers in Water Treatment Plants, Water Test Kits, Industrial / Laboratory Chemical, Glasswares, Lab Furniture, Instruments, E.T.P., R.O. Treatment Chemicals & Accessories, Environment Monitoring, Water Testing, Calibration of Instruments.

Sales Off.: Unit 6, Ganaraj Apt., Gymkhana Road, Nr. Abhinav Vidyalay, Sangarli MIDC Phase II, Dombivli (East) 421 203.

• Tel. : +91 (0)251-2421920 / 2425557 • M 9821806990 / 9821586990 / 9403336180 Email : atlanta\_ic@yahoo.co.in Web. : www.atlanta-ic.com

Our Reference No. :- **AIC /**

Your Reference No. :-

Date :- \_\_\_\_ / \_\_\_\_ / 201

**AIC/BGS/065/24-25**

To

M/s. : B. G. Shirke Construction Tech. Pvt. Ltd.

Site : Gothehar S. No. 157 /1, /Bhandarli Survey No. 13, Uttarshiv.

Contact Person : Manager

Work done on : 19/02/2025

Next Due Dt. : 18/08/2025

## AMBIENT AIR QUALITY MONITORING

DATE OF SAMPLING	19/02/2025	LIMIT AS PER CONSENT GRANTED BY M.P.C.BOARD / E.P.Act-1996
SAMPLING LOCATION	Batching Plant	
SAMPLING DURATION	8 Hours	
WIND DIRECTION (MAX)	NW	
WIND SPEED (AVG.)	13 Km/h	_____
AMBIENT TEMP.	31° C	_____
HUMIDITY	35%	_____

## POLLUTION PARAMETER

P.M. 10 (micro-gm/M <sup>3</sup> )	65.10	100 micro-gm/M <sup>3</sup>
SO <sub>2</sub> (micro-gm/M <sup>3</sup> )	47.40	120 micro-gm/M <sup>3</sup>
NO <sub>x</sub> (micro-gm/M <sup>3</sup> )	46.20	120 micro-gm/M <sup>3</sup>
P.M. 2.5 (micro-gm/M <sup>3</sup> )	40.0	60 micro-gm/M <sup>3</sup>

For Atlanta Industrial Corporation

Authorized Signatory





# ATLANTA INDUSTRIAL CORPORATION

*The Water Treatment & Envirocare, People*



Manufacturing & Dealers in Water Treatment Plants, Water Test Kits, Industrial / Laboratory Chemical, Glasswares, Lab Furniture, Instruments, E.T.P., R.O. Treatment Chemicals & Accessories, Environment Monitoring, Water Testing. Calibration of Instruments.

Sales Off.: Unit 6, Ganaraj Apt., Gymkhana Road, Nr. Abhinav Vidyalay, Sangarli MIDC Phase II, Dombivli (East) 421 203.

• Tel. : +91 (0)251-2421920 / 2425557 • M 9821806990 / 9821586990 / 9403336180 Email : atlanta\_ic@yahoo.co.in Web. : www.atlanta-ic.com

Our Reference No. :- **AIC /**  
Your Reference No. :-

Date :- \_\_\_\_ / \_\_\_\_ / 201

**AIC/020/24-25**

To,

**M/S:- B.G.Shirke Const. Tech. Pvt. Ltd.**

**Site:- Gothehar S. No. 157 /1,  
/ Bhandarli Survey No. 13, Uttarshiv.**

## Noise Level Monitoring

**Date:-19/02/2025**

**Next Due Dt.:- 18/08/2025**

Sr. No.	Location	Noise level Day time in db(A)	MPCB Limit db(A) Day Time	Time
1.	Batching Plant	70	75	09.40 am

For ATLANTA INDUSTRIAL CORPORATION

Authorised Signatory





# ATLANTA INDUSTRIAL CORPORATION

*The Water Treatment & Envirocare, People*



Manufacturing & Dealers in Water Treatment Plants, Water Test Kits, Industrial / Laboratory Chemical, Glasswares, Lab Furniture, Instruments, E.T.P., R.O. Treatment Chemicals & Accessories, Environment Monitoring, Water Testing. Calibration of Instruments.

Sales Off.: Unit G, Ganaraj Apt., Gymkhana Road, Nr. Abhinav Vidyalay, Sangarli MIDC Phase II, Dombivli (East) 421 203.

• Tel. : +91 (0)251-2421920 / 2425557 • M 9821806990 / 9821586990 / 9403336180 Email : atlanta\_ic@yahoo.co.in Web. : www.atlanta-ic.com

Our Reference No. :- **AIC /**  
Your Reference No. :-

Date :- \_\_\_\_ / \_\_\_\_ / 201

**AIC/020/24-25**

To,

**M/S:- B.G.Shirke Const. Tech. Pvt. Ltd.**

**Site:- Gothehar S. No. 157 /1,  
/ Bhandarli Survey No. 13, Uttarshiv.**

## Noise Level Monitoring

**Date:-19/02/2025**

**Next Due Dt.:- 18/08/2025**

Sr. No.	Location	Noise level Day time in db(A)	MPCB Limit db(A) Day Time	Time
1.	Batching Plant	70	75	09.40 am

For ATLANTA INDUSTRIAL CORPORATION

Authorised Signatory





# ATLANTA INDUSTRIAL CORPORATION

*The Water Treatment & Envirocare, People*



Manufacturing & Dealers in Water Treatment Plants, Water Test Kits, Industrial / Laboratory Chemical, Glasswares, Lab Furniture, Instruments, E.T.P., R.O. Treatment Chemicals & Accessories, Environment Monitoring, Water Testing, Calibration of Instruments.

Sales Off.: Unit 6, Ganaraj Apt., Gymkhana Road, Nr. Abhinav Vidyalay, Sangarli MIDC Phase II, Dombivli (East) 421 203.

Tel. : +91 (0)251-2421920 / 2425557 • M 9821806990 / 9821586990 / 9403336180 Email : atlanta\_ic@yahoo.co.in Web : www.atlanta-ic.com

Our Reference No. :- AIC /  
Your Reference No. :-

Date :- \_\_\_\_ / \_\_\_\_ / 201

AIC/021/24-25

To,

M/S:- B.G.Shirke Const. Tech. Pvt. Ltd.

Site:- Bhandarli Survey No. 80/81

## Noise Level Monitoring

Date:-19/02/2025

Next Due Dt.:- 18/08/2025

Sr. No.	Location	Noise level Day time in db(A)	MPCB Limit db(A) Day Time	Time
1.	Bhandarli Survey no. 80/81	48	75	09.40 am

For ATLANTA INDUSTRIAL CORPORATION

Authorised Signatory







# ATLANTA INDUSTRIAL CORPORATION

*The Water Treatment & Envirocare, People*



Manufacturing & Dealers in Water Treatment Plants, Water Test Kits, Industrial / Laboratory Chemical, Glasswares, Lab Furniture, Instruments, E.T.P., R.O. Treatment Chemicals & Accessories, Environment Monitoring, Water Testing. Calibration of Instruments.

Sales Off.: Unit 6, Ganaraj Apt., Gymkhana Road, Nr. Abhinav Vidyalay, Sangarli MIDC Phase II, Dombivli (East) 421 203.

• Tel. : +91 (0)251-2421920 / 2425557 • M 9821806990 / 9821586990 / 9403336180 Email : atlanta\_ic@yahoo.co.in Web : www.atlanta-ic.com

Our Reference No. :- AIC /  
Your Reference No. :-

Date :- \_\_\_\_ / \_\_\_\_ / 201

AIC/BGS/065/24-25

To  
M/s. : B. G. Shirke Construction Tech. Pvt. Ltd.  
Site : Gothehar S. No. 157 /1, /Bhandarli Survey No. 13, Uttarshiv.  
Contact Person : Manager  
Work done on : 19/02/2025  
Next Due Dt. : 18/08/2025

## AMBIENT AIR QUALITY MONITORING

DATE OF SAMPLING	19/02/2025	LIMIT AS PER CONSENT GRANTED BY M.P.C.BOARD / E.P.Act-1996
SAMPLING LOCATION	Batching Plant	
SAMPLING DURATION	8 Hours	
WIND DIRECTION (MAX)	NW	
WIND SPEED (AVG.)	13 Km/h	_____
AMBIENT TEMP.	31° C	_____
HUMIDITY	35%	_____

## POLLUTION PARAMETER

P.M. 10 (micro-gm/M <sup>3</sup> )	65.10	100 micro-gm/M <sup>3</sup>
SO <sub>2</sub> (micro-gm/M <sup>3</sup> )	47.40	120 micro-gm/M <sup>3</sup>
NO <sub>x</sub> (micro-gm/M <sup>3</sup> )	46.20	120 micro-gm/M <sup>3</sup>
P.M. 2.5 (micro-gm/M <sup>3</sup> )	40.0	60 micro-gm/M <sup>3</sup>

For Atlanta Industrial Corporation

Authorized Signatory





# ATLANTA INDUSTRIAL CORPORATION

*The Water Treatment & Envirocare, People*



Manufacturing & Dealers in Water Treatment Plants, Water Test Kits, Industrial / Laboratory Chemical, Glasswares, Lab Furniture, Instruments, E.T.P., R.O. Treatment Chemicals & Accessories, Environment Monotiring, Water Testing. Calibration of Instruments.

Sales Off.: Unit 6, Ganaraj Apt., Gymkhana Road, Nr. Abhinav Vidyalay, Sangarli MIDC Phase II, Dombivli (East) 421 203.

• Tel. : +91 (0)251-2421920 / 2425557 • M 9821806990 / 9821586990 / 9403336180 Email : atlanta\_ic@yahoo.co.in Web : www.atlanta-ic.com

Our Reference No. :- AIC /

Your Reference No. :-

Date :- \_\_\_\_ / \_\_\_\_ / 201

AIC/BGS/066/24-25

To

M/s. : B. G. Shirke Construction Tech. Pvt. Ltd.

Site : Bhandarli S. No. 80/81

Contact Person : Manager

Work done on : 19/02/2025

Next Due Dt. : 18/08/2025

## AMBIENT AIR QUALITY MONITORING

DATE OF SAMPLING	19/02/2025	LIMIT AS PER CONSENT GRANTED BY M.P.C.BOARD / E.P.Act-1996
SAMPLING LOCATION	Bhandarli Survey No. 80/81	
SAMPLING DURATION	8 Hours	
WIND DIRECTION (MAX)	NW	
WIND SPEED (AVG.)	13 Km/h	_____
AMBIENT TEMP.	31° C	_____
HUMIDITY	35%	_____

## POLLUTION PARAMETER

P.M. 10 (micro-gm/M <sup>3</sup> )	66.2	100 micro-gm/M <sup>3</sup>
SO <sub>2</sub> (micro-gm/M <sup>3</sup> )	46.10	120 micro-gm/M <sup>3</sup>
NO <sub>x</sub> (micro-gm/M <sup>3</sup> )	47.0	120 micro-gm/M <sup>3</sup>
P.M. 2.5 (micro-gm/M <sup>3</sup> )	39.0	60 micro-gm/M <sup>3</sup>

For Atlanta Industrial Corporation

Authorized Signatory



# **ANNEXURE - 9**

## **STP DETAIL AND PHOTOGRAPHS**













**ANNEXURE - 10**  
**OWC DETAILS AND**  
**PHOTOGRAPHS**

# **GOTHEGHAR SITE**

**ORGANIC WASTE COMPOSTING PLANT  
(CAPACITY: 750 Kg/day)**

**On SMART Drum Composting Systems**

## **1. ABOUT THE PRODUCT**

SMART Drum Composting Machine treats the organic bio-degradable waste at the source. It operates with a very simple mechanism that breaks down the complex bio-degradable waste into its simpler forms. This deodorized waste-stock is further cured within the machine for 10-12 days to produce the compost as an end product. This ready compost acts as a soil conditioner and maintains the fertility of the soil.

The salient features of this machine are:

1. Developed on the principle of providing complete composting system in a single machine.
2. The machine has a built-in shredder which is capable of crushing all the organic waste including coconuts, bones, vegetables etc.
3. The machine has a built-in curing system.
4. It requires minimal manual intervention.
5. Compost is ready within 10-12 days in the composting drum.
6. The air exchanges from the composting drums are adequately available.
7. Easy to operate and maintain

## **2. PROCESS DESCRIPTION**

### **Concept:**

Mechanical Composting is the most efficient and effective mode of MSW disposal, carried out through a built-in shredder and cylindrical container having churning system working simultaneously to crush and mix the waste matter so as to cut down on the volume and faster pre-decomposition. This compost can directly be used for the field application.

### **The Process:**

The 100% segregated bio-degradable waste has to be treated in this composting machine. The machines developed on the principle of providing complete composting system in a single machine, both the shredding & composting takes place in a machine employing micro-organisms to convert the shredded organic waste to compost.

The input is first fed to a built-in shredder which reduces the waste material size to maximize surface area available contact with micro-organisms for quick composting. Saw dust/Dried leaves need to be added to balance out the moisture.

Aerobic composting being exothermic reaction generates heat which further helps in removing the moisture by evaporation and renders dry, ready to use compost in a few days. The compost can be unloaded at uniform intervals from the discharge end. The air exchanges from the composting chamber ensure adequate availability of air required for aerobic composting.

The end product is the compost which can be directly used in field application.



# PROCESS



Collection of organic waste



Segregated organic waste



SMART Drum Composter



Compost

### 3. TECHNICAL SPECIFICATIONS

#### OWC II – Commercial Building – SMART Drum Composter 750 Kg/day.

Machine Size (L x W x H) in meter	:	6.8 x 2.25 x 2.50
Area Required in meter	:	9.6 m x 8.2 m
Power	:	3.5 HP
Waste Treatment Capacity	:	Up to 650 kg/day
Operation	:	Fully Automatic.
Volume Reduction	:	Up to 80-90%
Composter Drum	:	MS with corrosion proof lining coating inside
Inlet Hopper and Outlet	:	SS 304 with Thickness 1.6 mm
Operation	:	Automatic.
Process duration	:	Compost is ready within 8-10 days, System Capacitydesigned for every day loading of organic waste
Process composition	:	Addition of 10-20 % saw dust is required per batch oforganic waste
Blower	:	1 HP - For aeration inside the system
Shredder	:	3 HP - (to crush all organic waste including Coconuts,non-veg bones etc.)
Gear box with motor	:	SEW/NORD Integrated Motor gearbox
MCB	:	L&T/Siemens
Contractor	:	L&T/Siemens
Overload relay	:	L&T/Siemens
Connectors	:	Connect well

#### Arrangements Required:

1. Power: Three phase 415 V, 32/63/100 A connections with earthing and neutral.
2. Closed Drainage line for draining the condensed moisture.
3. Shed for the machine.
4. 6" PCC foundation.



# **WASTE WISE, BE SMART!**

## **ORGANIC WASTE MANAGEMENT SOLUTIONS**

### **GOTHEGHAR SITE 2000 KG/DAY SMART DRUM COMPOSTER**

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Widest range of organic waste management solutions to suit to your requirement.



Batch Composting



Mechanical Composting



Drum Composting



CASP

# 1. INTRODUCTION

Smartenviro Systems Private Limited is one of India's leading manufacturers that offers solutions in decentralised organic waste management. We've various technologies that can be used to treat the organic waste at the source. The solutions that we offer can treat the waste in the range of 50 kg/day to 300 tons/day. With our direct presence as well as through dealer network we serve a variety of sectors that include Industrial, Real Estate, Hospitality, Institutional, Government Bodies etc. Having hundreds of installations across the market, we possess an extensive experience in waste management.

# 2. ABOUT THE PRODUCT

SMART Drum Composting Machine treats the organic bio-degradable waste at the source. It operates with a very simple mechanism that breaks down the complex bio-degradable waste into its simpler forms. This deodorised waste-stock is further cured within the machine for 10-12 days to produce the compost as an end product. This ready compost acts as a soil conditioner and maintains the fertility of the soil.

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# PROCESS



Collection of organic waste



Segregated organic waste



SMART Drum Composter



Compost



## 4. WHY US

- Original Equipment Manufacturer (OEM) with in-house Design, Engineering and Manufacturing
- An EN ISO 9001:2015 certified company
- Dealer and Service network across India and abroad
- Hundreds of installations in India and abroad
- Complete solution for organic waste management from 50 kg/day to 300 tons/day
- Serving multiple sectors like Industrial, Real Estate, Hospitality, Institutional, Government Bodies etc.
- International technology tie - up for projects of large capacity

### ACCOLADES

- **“50 Most Impactful Green Leaders”** award from World CSR 2015-16
- **“Top 30 Evergreen Companies in India”** award by SKOCH Group
- **“India SME 100”** award by India SME Forum

## 5. TECHNICAL SPECIFICATIONS

### SMART Drum Composter 2000

Machine Size (L x W x H) in meter	:	10.0 x 1.80 x 2.30
Area required in meter	:	13 m x 6 m
Power	:	14 HP
Waste Treatment Capacity	:	Up to 2000 kg/day
Operation	:	Fully Automatic.
Volume Reduction	:	Up to 80-90%
Composter Drum	:	MS with corrosion proof lining coating inside
Inlet Hopper and Outlet	:	SS 304 with Thickness 1.6 mm
Operation	:	Automatic.
Process duration	:	Compost is ready within 8-10 days, System Capacity designed for every day loading of organic waste
Process composition	:	Addition of 10-20 % saw dust is required per batch of organic waste
Blower	:	1 HP - For aeration inside the system
Shredder	:	3 HP - (to crush all organic waste including Coconuts, non-veg bones etc.)
Gear box with motor	:	SEW/NORD Integrated Motor gearbox
MCB	:	L&T/Siemens
Contractor	:	L&T/Siemens
Overload relay	:	L&T/Siemens
Connectors	:	Connect well

### Arrangements Required:

1. Power: Three phase 415 V, 32/63/100 A connections with earthing and neutral.
2. Closed Drainage line for draining the condensed moisture.
3. Shed for the machine.
4. 6" PCC foundation.



