

HALF-YEARLY POST EC COMPLIANCE REPORT

OF

Proposed Building and Construction Project at S.No.42,
H.No. 2, S.No.237, H.No. 5, & S.No. 259, H.No.4 Bhopar,
Dombivali (East), Thane.

PERIOD

July 2023 – December 2023

Project Proponent

M/s. Mahaavir Buildcon Llp.

Date: 22nd November 2023

To
The Director
Regional Office (WCZ),
Ministry of Environment, Forest and Climate Change,
Nagpur

Ref: No. SIA/MH/MIS/241944/2021.

Subject: Submission of six-monthly monitoring report July – December 2023 for Proposed Building and Construction Project at S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No. 259, H.No.4 Bhopar, Dombivali (East), Thane by M/s. Mahaavir Buildcon LLP.

Sir,

With reference to above subject, we would like to inform you that we have been accorded the environmental clearance for our building and construction project from SEIAA, Maharashtra on 10.02.2022. We hereby submit six monthly monitoring report for the period ended (July – December 2023) for building and construction project.

We hope that the above submission meets your expectation and request you to kindly give us receipt of submission of the same.

Thanking You,
Yours Faithfully,

(Authorized Signatory)

M/S. Mahaavir Buildcon LLP.

CC: Member Secretary, SEIAA
Member Secretary, MPCB



DATA SHEET

FOR

Proposed Building and Construction Project at
S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No.
259, H.No.4 Bhopar, Dombivali (East), Thane
by.

PROJECT PROPONENT

M/s. Mahaavir Buildcon Llp.

DATA SHEET

Proposed Building and Construction Project at S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No. 259, H.No.4 Bhopar, Dombivali (East), Thane by M/s. Mahaavir Buildcon LLP.

Monitoring the Implementation of Environmental Safeguards Ministry of Environment & Forests Western Region, Regional Office, Nagpur

MONITORING REPORT

DATA SHEET

1.	Project type: river-valley/ mining/ Industry/thermal/ nuclear/ Other (specify)	Building and Construction Project.
2.	Name of the project	M/s. Mahaavir Buildcon LLP.
3.	Clearance letter (s) / OM/ no. and date:	SIA/MH/MIS/241944/2021 dtd. 10/02/2022.
4.	Location	S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No. 259, H.No.4 Bhopar, Dombivali (East), Thane.
a.	District (s)	Thane
b.	State (s)	Maharashtra
c.	Latitude / Longitude	Latitude - 19° 5'32.12"N Longitude - 73° 4'49.79"E
5.	Address for correspondence	
a.	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax numbers)	Mr. Sanjay B. Dhariwal. 302 -306, Persipolis Building, Plot 74, Sector 17, Vashi, Navi Mumbai - 400703.
b.	Address of Executive Project Engineer /Manager (with pin code / fax number)	Mobile No.: 9867168765 Email: sanjay@mahaavir.info
6.	Salient features:	<u>Salient Features of the project:</u>
a.	of the project	Total Plot Area =7590.00sq.mt Total F.S.I =32221.20 sq. mt. Total Non - F.S.I = 25370.23 sq.mt. Total Construction Area = 57591.43mt.

b.	of the environmental management plans	<p>1. Sewage Treatment Plant: Sewage Treatment Plant with capacity of 1 sets of 200 KLD will be provided for treating the wastewater. Recycled wastewater will be used for Flushing, gardening etc.</p> <p>2. Rain Water Harvesting: Rain Water Harvesting shall be provided to raise the ground water table.</p> <p>3. Solid Waste Management: The Wet waste will be processes in OWC for manure for landscaping & Gardening. The Dry waste will be handover to the recyclers. & The STP sludge will be used as manure for plantation.</p> <p>4. Solar energy is used as back-up to main source including streets and buildings.</p>
7.	Break Up Of the project Area	
a.	Submerge area: forest & non-forest	Non-Forest
b.	Others	Nil.
8.	Breakup of the project affected: population with enumeration of those losing houses / dwelling units, only agriculture land only, both dwelling units and agriculture land and landless laborer / artisan	The project does not envisage acquisition of land and / or displacement.
a.	SC, ST / Adivasis	---
b.	Others	---
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	
9.	Financial details	
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	Total project cost: 164 Cr.

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b.	Allocation made for environmental management plans with item wise and year wise break-up	Capital EMP Cost: 117.20 Lakhs O &M Cost: 17.65 Lakhs/ annum.
c.	Benefit cost ratio/ Internal rate of return and the year of assessment	---
d.	Whether © includes the cost of environmental management as shown in the above	---
e.	Actual expenditure incurred on the project so far	Rs.
f.	Actual expenditure incurred on the environmental management plans so far	Rs. ?
10.	Forest land required	
a.	The status of approval for diversion of forest land for non-forestry use	The land is of non-forest type hence not applicable.
b.	The status of clearing and felling	N.A
c.	The status of compensatory afforestation, if any	---
d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	N.A.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
12.	Status of construction	
a.	Date of commencement (Actual and/or planned)	March, 2022.
b.	Date of completion (Actual and/of planned)	April, 2027.

DATA SHEET

Proposed Building and Construction Project at S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No. 259, H.No.4 Bhopar, Dombivali (East), Thane by M/s. Mahaavir Buildcon LLP.

13.	Reasons for the delay if the project is yet to start	N.A
14.	Dates of site visits	--
a.	The date on which the project was monitored by the regional office on previous occasions, if any	Not yet visited.
b.	Date of site visit for this monitoring report	--
15.	Details of correspondence with project authorities for obtaining action plans/ information on status on compliance to safeguards other than the routine letters for logistic support for site visits	Mr. Sanjay B. Dhariwal. 302 -306, Persipolis Building, Plot 74, Sector 17, Vashi, Navi Mumbai - 400703. Mobile No.: 9867168765 Email: sanjay@mahaavir.info

COMPLIANCE OF EC CONDITION

FOR

Proposed Building and Construction Project at
S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No.
259, H.No.4 Bhopar, Dombivali (East), Thane.

PROJECT PROPONENT

M/s. Mahaavir Buildcon Llp.

SIX MONTHLY COMPLIANCE REPORT

Proposed Building and Construction Project at S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No. 259, H.No.4 Bhopar, Dombivali (East), Thane by M/s. Mahaavir Buildcon Llp.

Point wise compliance status to various stipulations laid down by the Government of Maharashtra as per the Environmental Clearance issued vide letter no. SIA/MH/MIS/241944/2021dtd.10/02/2022 as follows:

Specific Conditions:

Sr. No	COMPLIANCE	REPLY
A) SEAC		
1	PP to submit IOD/ IOA/ Concession Document/ Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.	We have obtained approved plan attached as Annexure 1.
2	PP to submit architect certificate and affidavit mentioning there is no change in plot area, layout, building profile and locations of environmental services which were appraised in 131st SEAC-2 meeting.	Condition is noted and we shall comply the same.
3	PP to comply conditions mentioned in minutes of 131st meeting.	Condition is noted and we shall comply the same.
B SEIAA Conditions		
1	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.	Condition is noted and we shall comply the same.
2	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	Refer Annexure 2
3	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.	Condition is noted and we shall comply the same.
4	SEIAA after deliberation decided to grant EC for - FSI-23803.563 m2, Non-FSI- 30247.943m2, Total BUA- 54051.50m2. (Plan approval- KDMC/TPD/BP/27 Village/2020-21/05/185, dated	Condition is noted and we shall comply the same.

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Proposed Building and Construction Project at S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No. 259, H.No.4 Bhopar, Dombivali (East), Thane by M/s. Mahaavir Buildcon Llp.

Sr. No	COMPLIANCE	REPLY
	26.07.2021).	
GENERAL CONDITIONS		
a)	Construction Phase	
1	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Garbage is being collected manually from each of the building and carted to collection spot through trolleys. In order to avoid problems associated with solid waste disposal problems, an effective solid waste management system is being followed by segregating the wet and dry garbage and handover it to the local authority for disposal.
2	Disposal of muck, Construction spoils, including bituminous material 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 the approved sites with the approval of competent authority.	All construction waste will get collected and segregated properly. Most of that shall be reused for the construction activity.
3	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Condition is noted and we shall comply the same.
4	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Adequate drinking water facility shall be provided for the workers at the site during construction phase.
5	Arrangement shall be made that waste water and storm water do not get mixed.	Covered sewage system has been proposed which is connected to STP for the treatment and reuse of the treated water. Excess treated water shall be disposed off into the sewer drain.
6	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	Tanker water is used for construction work.

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Sr. No	COMPLIANCE	REPLY
7	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	There is no extraction of ground water.
8	Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	Use of only Tanker water for construction practice.
9	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.	Adequate measures are taken into consideration to minimize the wastage of water.
10	The Energy Conservation Building Code shall be strictly adhered to.	Condition is noted and we shall comply the same.
11	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Excavated top soil is used for landscaping.
12	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Condition is noted.
13	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.	Soil testing was done, according to the reports all the parameters are within limit and so there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants.
14	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	Condition is noted.
15	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 of 380 KVA capacity shall be used as backup during construction phase. These are environment friendly make and provided with acoustic enclosure to avoid noise emission.
16	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas)	Condition is noted.

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Sr. No	COMPLIANCE	REPLY
	Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	
17	Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.	Condition is noted and we shall comply the same.
18	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.	<p>Following care will be taken regarding noise levels with conformation to the residential area.</p> <ul style="list-style-type: none"> • Use of well-maintained equipment fitted with silencers. • Noise shields near the heavy construction operations are provided. • Construction activities are limited to daytime hours only. <p>Also, use of Personal Protective Equipment (PPE) like ear muffs and ear plug during construction activities.</p>
19	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction 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 is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	<ul style="list-style-type: none"> • 1 D.G. sets will be provided as back up for Residential buildings. • 1 DG sets of 380 KVA capacity set will be provided with silencer & acoustic enclosures. The stacks shall be provided as per MPCB norms.
20	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 by a separate environment cell /designated person.	Regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
B)	Operation phase	

SIX MONTHLY COMPLIANCE REPORT

Proposed Building and Construction Project at S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No. 259, H.No.4 Bhopar, Dombivoli (East), Thane by M/s. Mahaavir Buildcon Llp.

Sr. No	COMPLIANCE	REPLY
1	a) The solid waste generated should be properly collected and segregated. b) Wet waste 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. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Garbage will be collected manually from each of the building and carted to collection spot through trolleys. In order to avoid problems associated with solid waste disposal problems, an effective solid waste management system will be followed by segregating the wet and dry garbage and handover it to the local authority for disposal.
2	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Yes, E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2011.
3	a) 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. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.	STP of 1 sets of 250 CMD capacity has been provided to treat the waste water. STP has been provided by established consultant and operation and maintenance shall be done by the technical persons of consultant. MOU will be done for the maintenance. Refer annexure 3 .
4	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.	STP shall be provided for Recycling of wastewater. Proper disposal of waste will be done through well managed Solid Waste management team.

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Sr. No	COMPLIANCE	REPLY
5	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.	Condition is noted and we shall comply the same.
6	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.	<p>This effect would be prominent during construction as well as operation phase. The probability of inconvenience faced due to the frequency of truck movement during construction phase would be minimized by better control of traffic movement in the area. Noise levels expected from the planned operating conditions have been assessed and are likely to be within acceptable levels. The impacts have been mitigated by the suggested measures in the "air control and management section".</p> <p>Anti-honking sign boards are placed in the parking areas and on entry and exit point. The project will be provided with sufficient road facilities within the project premises and there will be a large area provided for the parking of vehicles.</p>
7	PP to provide adequate electric charging points for electric vehicles (EVs).	We shall Proposed 25% of charging points for Electric vehicles on total parking in the project.
8	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	<ul style="list-style-type: none"> The green area will be approx. 1200.00 sq.mt on podium and 120 sq.mt on ground.
9	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate environment management cell/ consultant with qualified staff is formed and implementing the same.
10	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	EMP cost has been worked out and allocated for all environmental pollution control devices Refer Annexure 4 .

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Sr. No	COMPLIANCE	REPLY
	protection measures shall not be diverted for other purposes.	
11	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 parivesh.nic.in	The advertisement was published in Marathi local newspaper. In Marathi newspaper "Navshakti" dtd. 18.02.2022. Refer Annexure 5.
12	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.	We are submitting six monthly reports to Environment Department, Mantralaya & MPCB.
13	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.	Condition is noted and we shall comply the same.
14	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Condition is noted and we shall comply the same.

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Sr. No	COMPLIANCE	REPLY
C)	General EC Conditions	
1	PP has to strictly abide by the conditions stipulated by SEAC& SEIAA.	Condition is noted.
2	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.	We have obtained Consent to Establish from MPCB. Copy is enclosed as Annexure 6 .
3	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.	Environmental Clearance is already obtained. Refer Annexure 7 .
4	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.	Condition is noted and submitted to regional office of MoEF. We are submitting herewith six-monthly reports to environment department, Mantralaya & MPCB.
5	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.	Condition is noted and we shall comply the same.
6	No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions	Condition is noted.

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Sr. No	COMPLIANCE	REPLY
	imposed and to add additional environmental protection measures required, if any.	
7	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.	As the site is not within the radius as define under the circular number and hence NOC is not applicable.

ANNEXURES

FOR

Proposed Building and Construction Project at
S.No.42, H.No. 2, S.No.237, H.No. 5, & S.No.
259, H.No.4 Bhopar, Dombivali (East), Thane.

PROJECT PROPONENT

M/s. Mahaavir Buildcon Llp.



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: GESEC/PRO/AAQM/2023-24/10/979
Date of Report	: 19/10/2023
Client	: M/s Mahaavir Buildcon LLP.
Site	: Project Site
Address	: Village Bhopar, Dombivli (East), Dist-Thane
Date of Sampling	: 09/10/2023

RESULTS OF ANALYSIS

Sr. No.	DESCRIPTION	UNIT	RESULT	NAAQS
01	DATE OF SAMPLING	DD/MM/YY	09/10/23	
02	TEST LOCATION		Project site	
03	AMBIENT TEMPTURE (MAX/MIN)	°C	31.5/26.0	
04	RELATIVE HUMIDITY	%RH	52	
05	SAMPLING DURATION	Min	1440	
06	PM ₁₀	µg/M ³	92.00	100
07	PM _{2.5}	µg/M ³	44.50	60
08	SO ₂	µg/M ³	32.50	80
09	NO _x	µg/M ³	40.80	80
10	CO (1 Hrs)	mg/M ³	1.20	4.0

REMARK/OBERVATIONS

NAAQS – National Ambient Air Quality Standards.

Monitoring results are well within the limits prescribed by NAAQS

ANALYZED BY

AUTHORIZED SIGNATORY



Terms and conditions


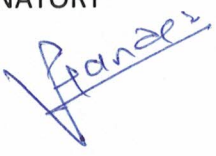
- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- If on site there is no proper sampling location, source or port available the result of testing is not challenge
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

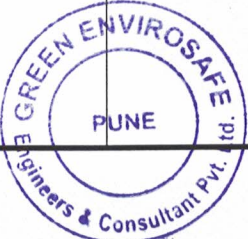


Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

Ambient Noise Monitoring Report

Report No.	: GESEC/PRO/ANLM/2023-24/10/980
Date of Report	:19/10/2023
Client	: M/s Mahaavir Buildcon LLP.
Site	: Project Site
Address	: Village Bhopar, Dombivli (East), Dist-Thane
Date of Sampling	: 09/10/2023

Time	Main Gate	Near Construction area
Day Time (dB) (6 A.M. – 10 P.M.)	62.50	62.50
Night Time (dB) (10 P.M. – 6 A.M.)	45.50	51.20
REMARK/OBSERVATIONS: All the measured values are within CPCB limit		
ANALYZED BY 		AUTHORIZED SIGNATORY 



Terms and conditions

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5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
6. If on site there is no proper sampling location, source or port available the result of testing is not challenge
7. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.





Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

SOIL ANALYSIS REPORT

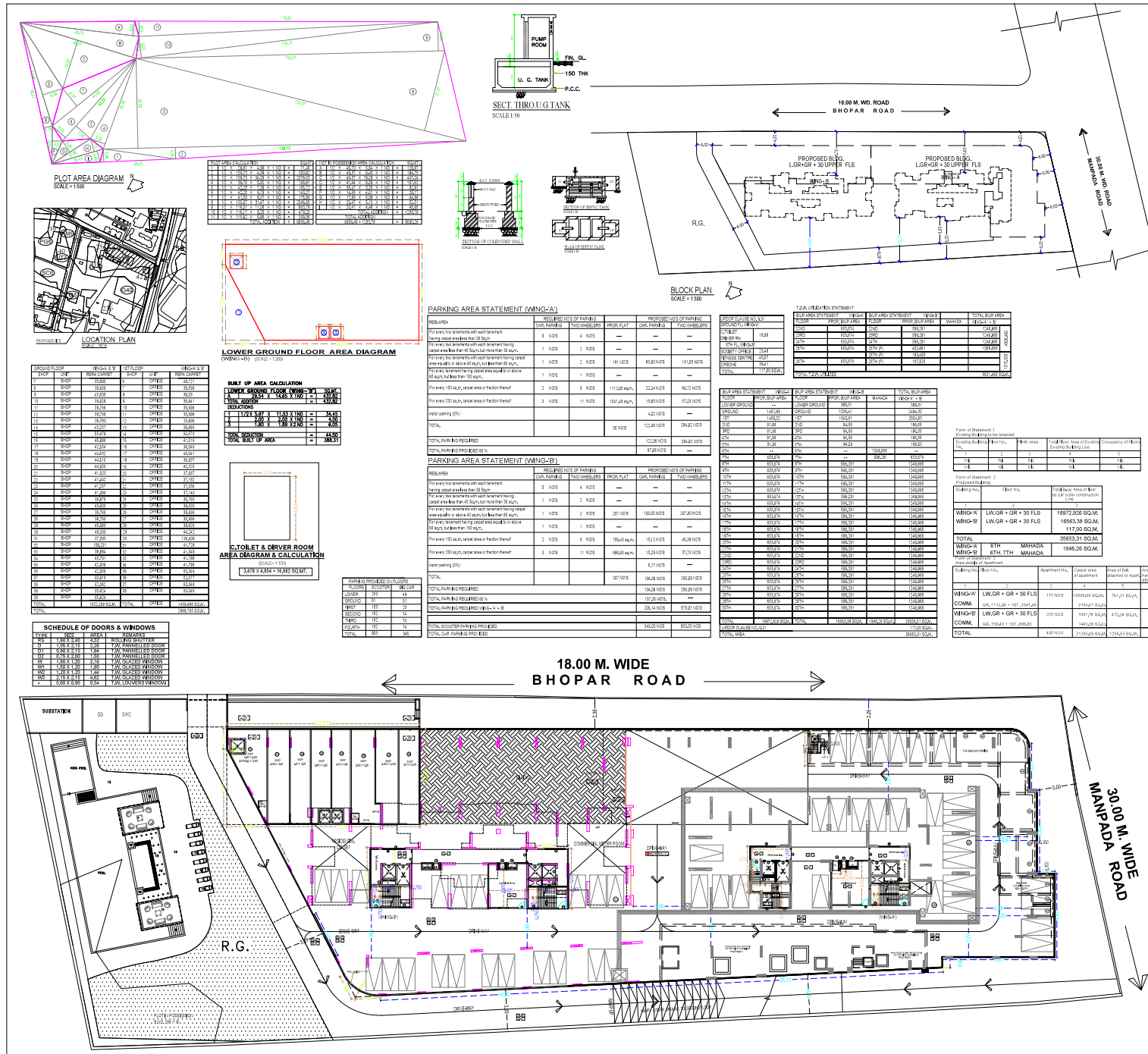
CLIENT'S NAME & ADDRESS	REPORT NO	GESEC/PRO/SO/2023-24/10/981
M/s. Mahaavir Buildcon LLP	DATED	19/10/2023
	DATE OF SAMPLING	09/10/2023
	DATE OF ANALYSIS	10-12/10/2023

RESULTS OF ANALYSIS

Sr. no	Parameters	Unit	Project Site
1	pH	-	7.60
2	EC	$\mu\text{S/cm}$	224.00
3	Bulk Density	gm/cm^3	1.40
4	Water Holding Capacity	%	48.00
5	TKN	%	1.00
6	Organic matter	%	0.98
7	Calcium	mg/100gm	132.0
8	Chlorides	mg/100gm	66.0
9	Magnesium	mg/100gm	41.50
10	Sulphate	mg/100gm	38.60
11	Available Phosphorous	mg/100gm	0.80
12	Sodium	mg/kg	30.00
13	Potassium	mg/kg	82.00
14	Copper	mg/kg	3.4
15	Iron	mg/kg	402.00
16	Lead	mg/kg	1.8
17	Zinc	mg/kg	1.10
18	Chromium	mg/kg	0.04
ANALYZED BY		AUTHORIZED SIGNATORY	
			

Terms and conditions

1. The report is refer only to the sample tested and not applies to the bulk.
2. The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
3. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
4. Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
6. If on site there is no proper sampling location, source or port available the result of testing is not challenge
7. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

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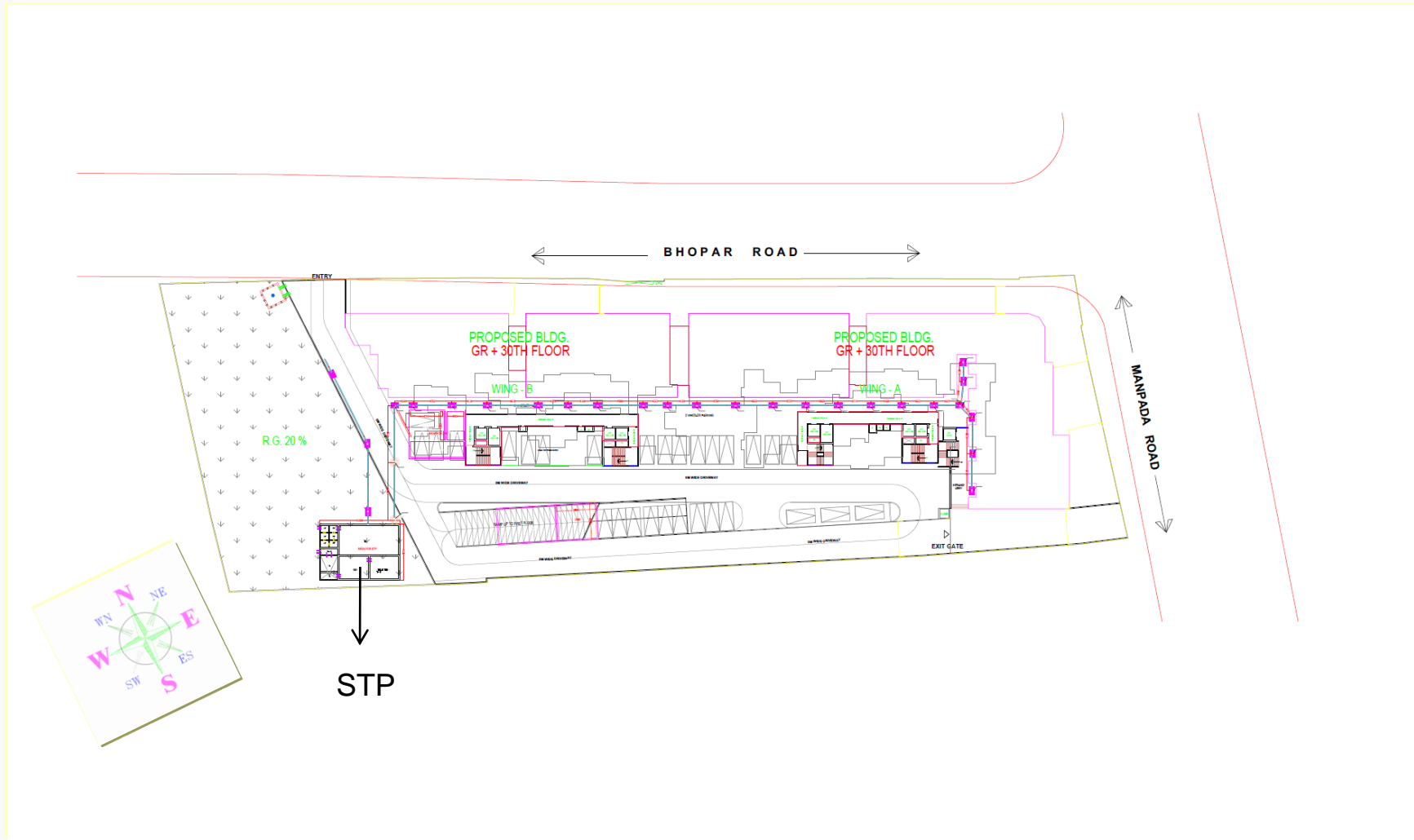
ENERGY CONSERVATION MEASURE

Sl.no.	Description	Power consumed using Conventional method (in KWH / Anum)	Power consumed incorporating energy saving methods (in KWH / Anum)	Energy Saving incorporating energy saving methods (in KWH / Anum)	% of Energy Saving with individual Methods
1	Lift load with regenerative drives	250646	213049	37597	15%
2	Staircase and passage Area Lighting load- with LED fittings	186763	124509	62254	33%
3	Street Lighting with LED fittings	1733	1114	619	36%
4	Geyser load. 135 flats on solar water heater	393105	294405	98700	25%
5	External Lighting saving with solar lighting	10539	4576	5963	57%
	Total	842785.58	637652.23	205133.35	
	Total saving (By percentage) =		24.34%		
	Total Demand Load		1681.30		
	Net Solar Electrical Power Generartion through Solar Hot Water		142.25		
	By percentage, Total Solar Generation / Total Demand Load Ideally 1%		8.40 %		

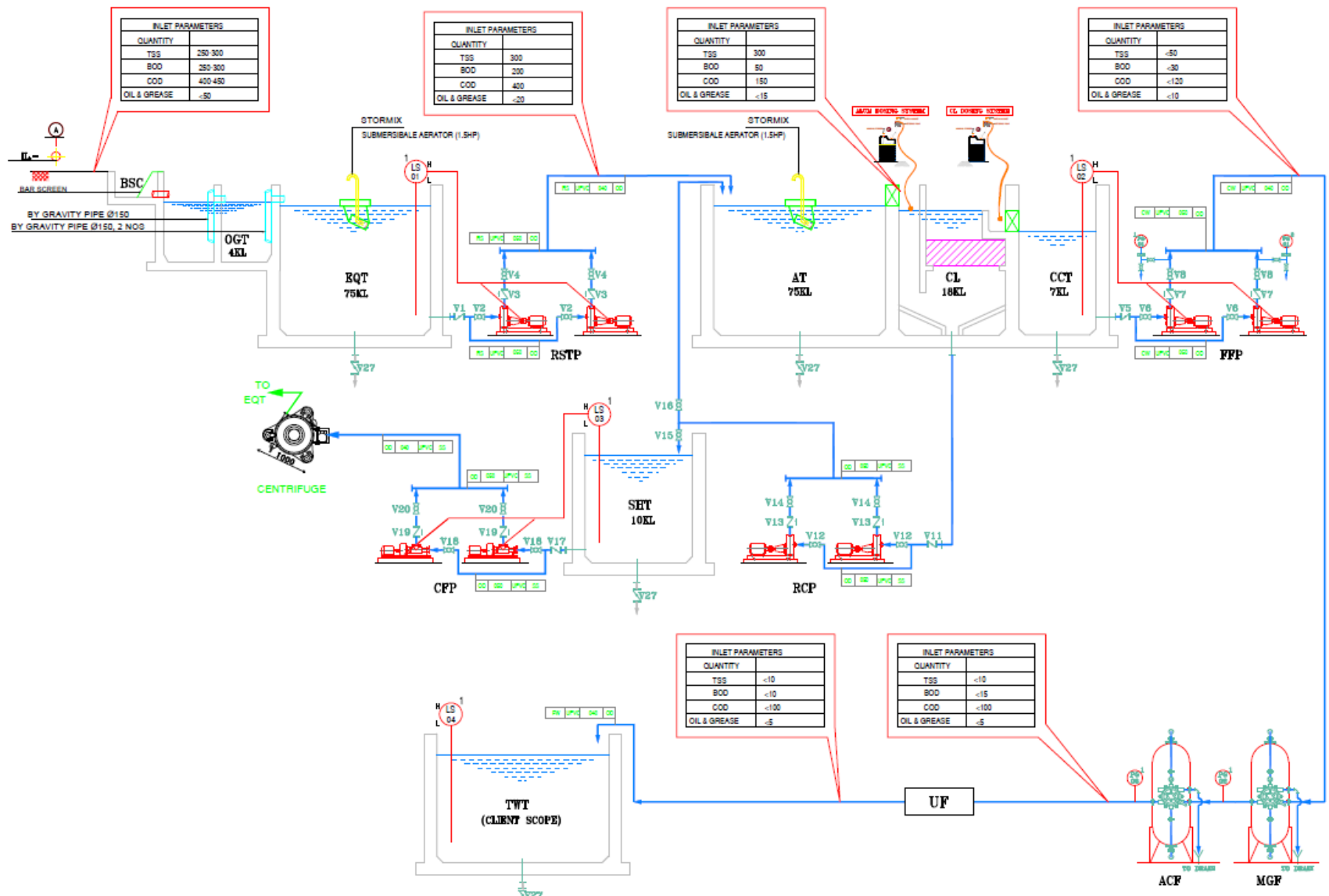
STP LOCATION LAYOUT



STP



SEWAGE TREATMENT PLANT



DETAILS OF EMP

#.	Particulars	Capital Cost (Lacs)	O & M Cost (Lacs)
1.	Sewage Treatment Plant	55.0	6.20
2.	RWH System	10.50	1.0
3.	Environmental Monitoring	-	1.55
4.	Solid Waste Management	10.20	3.20
5.	Solar Energy System	35.0	3.20
6.	Landscaping	12.50	2.50
	Total Cost	117.20	17.65

Short term and long term arrangement for the EMP

- ❖ After occupancy, Co-Op societies will be formed.
- ❖ The EMP measures shall be taken care by the developers for first three years.
- ❖ Afterwards, STP shall be handed over to society/ federation
- ❖ Funds for recurring cost on EMP shall be generated from the tenants of the society by specifically mentioning in the sale agreement.

Social aspect need to be highlighted

1. Employment strategy would provide for preferential employment of local labour.
2. Generating opportunities for other business like workshops, marketing, repair and maintenance tasks etc.
3. Preference locals to milk supply, vegetables etc.

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पंथा	२०१७-१८	२०१८-१९
पॉवर ग्रिडपथा ७५५/२०० केजळी निष्कायल तृतीय स्टेशन येथे १ नव ७५५ केजळी लाइन (सायन गजपती) - निष्कायल तृतीय स्टेशन (पॉवर ग्रिड) लाडी ७५५ केजळी २ री.पू.की लाइन)	११.५९	३४.८९
पॉवरग्रिडपथा ७५५/२०० केजळी निष्कायल तृतीय स्टेशन येथे २ नव २०० केजळी लाइन नेज (निष्कायल (NIV) स्पटीरीली स्वीचगल (स्पटीरीली) लाडी - निष्कायल तृतीय स्टेशन (पॉवर ग्रिड) २०० केजळी टो.की (वायट) लाइन		३८.११

ग्यालीयार समस्टेडान येथे २ नाग ४४० केन्ही जीआयएस लाईन बेज (ग्यालीयार समस्टेडान साठी - मॉरसा (पांसक्रोड) ४०० केन्ही डी/सी (नडाड) लाईन	३६.०.७६
पांसक्रोडना ७६५/४०० केन्ही तुणे (जीआयएस) समस्टेडान येथे २ नाग ७६५ केन्ही जीआयएस लाईन बे (जेरगावाघर (पांसक्रोड) घरा एका मॉरगाघर एका एकायलओ - पडने (पांसक्रोड) तुणे (जीआयएस) (पांसक्रोड) येथील १.११. जेरगाघर (डी/सी पांसक्रोड)	७.१५

७६८ केली वस/मी/ली		
७६९ केली वस/मी/ली	तुलुंग स्टेशन धारमचवड	तुलुंग स्टेशन टोपलमनडी
७६९/४०० केली वस/मी/ली	तुलुंग स्टेशन आगि फामचवड	तुलुंग स्टेशन वेडे
७६९ केली लंडन वेडे		
७६९ केली वस/मी/ली	तुलुंग स्टेशन कोटा (रायगड)	तुलुंग स्टेशन टोपलमनडी
७६९/४०० केली वस/मी/ली	तुलुंग स्टेशन आगि कोटा (रायगड)	
तुलुंग स्टेशन वेडे	७६९ केली लंडन वेडे	
ए) २०१९-२० वर्षांक		
वसा	बेहरी बंधा	सी/ज/सी/वे
		२०१९-२० वर्षांक आगि भांडे

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दिनांक : ११.०१.२०१२

चि. जगतल खेजल (कमलनिमल)

पॉवर ग्रीड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकारका उपक्रम)

राष्ट्रीयकृत कार्यालय: सी-१, कुवत नगर-दिल्ली-११००१६, कश्मीरका दरवा, नई दिल्ली-११००१६
कक्षीय, कार्यालय: सी/एमसी, प्लॉट २, सेक्टर - २९, गुवागल - २२२००१
www.cowergrid.in सी/आयएल: प्लॉट ०१२/सीएल१६/सी/आयएल-०२२१२

एक महानगर पौरमय

प्रमाण मिळकतीचा पत्रा	मागणी सुचनेनुसार एकूण धक्कित (रक्कम रुपये)	मागणी सूचना जारी केलेल्याची तारीख	सांकेतिक क्रमांक जारी केलेल्याची तारीख
यजमान क्रमांक: पैदान, भूखंड क्रमांक: ओ-विवि, दरम्याचे परतार बंड क्रमांक: सोरीएस क्र. ३६, जमिनीची युक्त: ठिकाण: सातारा सिटी, तालुका: सातारा, राज्य: महाराष्ट्र.	१७,६०,८५०/-	१३-०८-२०११	१४-०९-२०१२

क्रमांक: १४, मजला क्रमांक: ३ रा, प्लॉट क्रमांक: केएल-सेक्टर बॉर्डर क्रमांक: सेक्टर-३ई, जमीन पिन्स: दुर्गा मंदिर, नोड तालुका: वरी मण्डल पिन कोड: ४९०२०९	१६,२३,८५९/-	२३-०८-२०२१	१४-०२-२०२२
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MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : rohq@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



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

Infrastructure /Red/LSI

Consent order No: Format1.0/BO/JD (WPC)/UAN-0000091069/CE/ CC-

Date 27/07/2020

To
M/s. MAHAAVIR BUILDCON LLP
Plot bearing S. No. 42, H. No. 2, S. No. 237, H. No. 5
& S. No. 259, H. No. 4 village bhonar,
Tal: Kalyan District : Thane

Subject: Consent to Establish for Construction of Residential Building Project ,
under Red Category.

Ref : Minutes of Consent Committee meeting held on dt: 02/07/2020
Your application MPCB-CONSENT-0000091069 Dated: 16/03/2020

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

1. The consent is granted for a period up to Commissioning of unit or 5 years
whichever is earlier.
2. The capital investment of the project is Rs. 164 Crs (As per undertaking
submitted by project proponent)

Consent to Establish is valid for Construction of Residential building Project named as M/s.
MAHAAVIR BUILDCON LLP Plot bearing S. No. 42, H. No. 2, S. No. 237, H. No. 5 & S.
No. 259, H. No. 4 village: bhonar, Tal: Kalyan District : Thane For Total Plot Area of
7,590.00 Sq.mtrs and Total Construction BUA of 59,973.81 Sq.mtrs, including utilities
and services as per construction commencement certificate issued by local body.

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	219.00	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer.

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1.	DG Set	380 KVA	1	As Per Schedule -II



Maharashtra Pollution Control Board

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5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Wet garbage	620.00 Kg/Day	OWC	Used as Manure
2	Dry garbage	400.00 Kg/Day	--	Segregate and Hand over to Local Body for recycling
2	STP Sludge	30 Kg/Day	--	Used as Manure

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.
7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
9. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
10. PP shall not take any effective steps prior to obtaining EC and submit BG of Rs. 10 Lakhs towards compliance of the same.
11. Project Proponent shall install online monitoring systems to the O/L of STP for monitoring for BOD, SS and flow at the outlet of STP.
12. 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 & connected to the sewerage system provided by local body.
13. 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.

For and on behalf of the
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction . No.	Date	Drawn On
1	328000.00	FDRLR520200317008962 67	2020-03-10	Federal Bank

Copy to:

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



Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of **225.00 CMD**

B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

C) The treated 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 & connected to the sewerage system provided by local body.

D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

The Board reserves its rights to review plans, Specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant should obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto

2) The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	274.00

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



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

S r. N o.	Stack Attached To	APC System	Heig ht in Mtrs.	Type Of Fuel	Quantity	UOM	S %	SO ₂
1.	DG Set (380 KVA)	Acoustic enclosure	5.00	HSD	120.00	Ltr /Hr	-	-

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

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

Particulate matter	Not to exceed	150 mg/Nm ³ .
--------------------	---------------	--------------------------

3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.

The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Maharashtra Pollution Control Board

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Schedule-III Details of Bank Guarantees

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

(Handwritten signature)

Schedule-IV

General Conditions:

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

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

ENVIRONMENTAL
CLEARANCE

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Maharashtra)

To,

The Partner

MAHAAVIR BUILDCON LLP

Office No 66-67, 4th Floor, Mahavir Center, Plot No 77, Sector 17 Vashi
Navimumnai -400703

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/MIS/241944/2021 dated 01 Dec 2021. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B038MH143378
2. File No.	SIA/MH/MIS/241944/2021
3. Project Type	Expansion
4. Category	B2
5. Project/Activity including Schedule No.	8(a) Building and Construction projects
6. Name of Project	M/S. MAHAAVIR BUILDCON LLP
7. Name of Company/Organization	MAHAAVIR BUILDCON LLP
8. Location of Project	Maharashtra
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 10/02/2022

(e-signed)
Manisha Patankar Mhaikar
Member Secretary
SEIAA - (Maharashtra)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/241944/2021
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Mahaavir Buildcon LLP,
S. No. 42, H. No. 2, S. No. 237,
H. No. 5 & S. No. 259, H. No. 4,
Bhopar, Dombivli (East), Dist-Thane

Subject : Environment Clearance for Building & Construction Project at S. No. 42, H. No. 2, S. No. 237, H. No. 5 & S. No. 259, H. No. 4, Bhopar, Dombivli (East), Dist-Thane by M/s. Mahaavir Buildcon LLP.

Reference : Application no. SIA/MH/MIS/241944/2021

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC- in its 159th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 236th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr. No.	Description	Details
1	Plot Area (sq. m)	7590 .00
2	FSI + Ancillary Area (sq. m)	32221.20
3	Non-FSI Area (sq. m)	25370.23
4	Proposed built-up area (FSI + Non FSI) (sq. m)	57591.43
5	Building Configuration	02 Building wing A and B with 93.90 m Height
6	No. of Tenements & shops	Tenements: 398, Shops/offices: 78
7	Total population	Residential: 1990
8	Total Water Requirement CMD	282 CMD
9	Sewage Generation CMD	219 CMD
10	STP Capacity & Technology	250 CMD (MBBR Technology)
11	STP Location	below Ground

12	Total Solid waste Quantities	Wet Waste: 0.41 TPD Dry Waste: 0.60TPD Total: 1.01 TPD Disposal: OWC for wet waste
13	R.G Area in sq.m	1200.00 sq.m
14	Power requirement	2279 KVA
15	Energy Efficiency	Total Energy Savings: 20.9 % By Solar Energy: 8.4 %
16	D.G. set capacity	380 KVA.
17	Parking 4W & 2W	4W: 343 Nos.
18	Rain water harvesting Scheme	50 cum RWH Tank
19	Project Cost in (Cr)	164.00 Cr
20	EMP Cost	Capital Cost – 117.20 Lakhs O & M Cost – 17.65 Lakhs
21	U.G tank details:	As per NBC norms

3. Proposal is an expansion of existing construction Project. Project was earlier appraised in 131st meeting of SEAC-2 held on 6th March, 2020 for full potential built up area i.e. 59,973.81 of Sq. Mtrs. Project was then considered by SEIAA in its 215th meeting held on 29th January, 2021. However, PP produced part approval of 21,405.25 Sq. Mtrs. built up area before the SEIAA and accordingly EC vide letter No. SIA/MH/MIS/142235/2020, dated 04/02/2021 was granted by SEIAA for Plot area of 7590 .00 Sq.Mtrs, total built up area of 21,405.25 Sq. Mtrs.(FSI area of 7939.25 Sq.Mtrs. & Non-FSI area of 13,466.00 Sq. Mtrs.). Now, PP has again obtained part potential sanction from planning authority, hence PP applied for expansion. Proposal has been considered by SEIAA in its 236th (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions thereunder as per the circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
2. PP to submit architect certificate and affidavit mentioning there is no change in plot area, layout, building profile and locations of environmental services which were appraised in 131st SEAC-2 meeting.
3. PP to comply conditions mentioned in minutes of 131st meeting.

B. SEIAA Conditions-

1. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
2. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
3. 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.
4. SEIAA after deliberation decided to grant EC for – FSI-23803.563 m2, Non-FSI-30247.943 m2, Total BUA- 54051.506 m2. (Plan approval-KDMC/TPD/BP/27 Village/2020-21/05/185, dated 26.07.2021).

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. 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.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. 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.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

- XIII. 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.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. 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.
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- XIX. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction 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 is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- XX. 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 by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste 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. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) 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. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at

least 50 % of water, Local authority should ensure this.

- IV. 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.
- V. 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.
- VI. 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.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>
- XII. 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.
- XIII. 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.
- XIV. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
 - II. 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.
 - III. 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.
 - IV. 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.
 - V. 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.
 - VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
 - VII. 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.
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. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.
6. 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.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.
8. 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.

9. 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.

Manisha Patankar-Mhaikar
(Member Secretary) 8/2/2022

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Thane.
6. Commissioner, Kalyan- Dombivali Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Kalyan.



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Maharashtra)

To,

The Partner

MAHAAVIR BUILDCON LLP

Office No 66-67, 4th Floor, Mahavir Center, Plot No 77, Sector 17 Vashi
 Navimumnai -400703

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
 under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/MIS/241944/2021 dated 01 Dec 2021. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B038MH143378
2. File No.	SIA/MH/MIS/241944/2021
3. Project Type	Expansion
4. Category	B2
5. Project/Activity including Schedule No.	8(a) Building and Construction projects
6. Name of Project	M/S. MAHAAVIR BUILDCON LLP
7. Name of Company/Organization	MAHAAVIR BUILDCON LLP
8. Location of Project	Maharashtra
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 10/02/2022

(e-signed)
Manisha Patankar Mhaikar
Member Secretary
SEIAA - (Maharashtra)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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 and Virtuous Environmental Single-Window Hub)*



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/241944/2021
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Mahaavir Buildcon LLP,
S. No. 42, H. No. 2, S. No. 237,
H. No. 5 & S. No. 259, H. No. 4,
Bhopar, Dombivli (East), Dist-Thane

Subject : Environment Clearance for Building & Construction Project at S. No. 42, H. No. 2, S. No. 237, H. No. 5 & S. No. 259, H. No. 4, Bhopar, Dombivli (East), Dist-Thane by M/s. Mahaavir Buildcon LLP.

Reference : Application no. SIA/MH/MIS/241944/2021

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC- in its 159th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 236th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr. No.	Description	Details
1	Plot Area (sq. m)	7590 .00
2	FSI + Ancillary Area (sq. m)	32221.20
3	Non-FSI Area (sq. m)	25370.23
4	Proposed built-up area (FSI + Non FSI) (sq. m)	57591.43
5	Building Configuration	02 Building wing A and B with 93.90 m Height
6	No. of Tenements & shops	Tenements: 398, Shops/offices: 78
7	Total population	Residential: 1990
8	Total Water Requirement CMD	282 CMD
9	Sewage Generation CMD	219 CMD
10	STP Capacity & Technology	250 CMD (MBBR Technology)
11	STP Location	below Ground

12	Total Solid waste Quantities	Wet Waste: 0.41 TPD Dry Waste: 0.60TPD Total: 1.01 TPD Disposal: OWC for wet waste
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20	EMP Cost	Capital Cost – 117.20 Lakhs O & M Cost – 17.65 Lakhs
21	U.G tank details:	As per NBC norms

3. Proposal is an expansion of existing construction Project. Project was earlier appraised in 131st meeting of SEAC-2 held on 6th March, 2020 for full potential built up area i.e. 59,973.81 of Sq. Mtrs. Project was then considered by SEIAA in its 215th meeting held on 29th January, 2021. However, PP produced part approval of 21,405.25 Sq. Mtrs. built up area before the SEIAA and accordingly EC vide letter No. SIA/MH/MIS/142235/2020, dated 04/02/2021 was granted by SEIAA for Plot area of 7590 .00 Sq.Mtrs, total built up area of 21,405.25 Sq. Mtrs.(FSI area of 7939.25 Sq.Mtrs. & Non-FSI area of 13,466.00 Sq. Mtrs.). Now, PP has again obtained part potential sanction from planning authority, hence PP applied for expansion. Proposal has been considered by SEIAA in its 236th (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

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 - IV. 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.
 - V. 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.
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 - VII. 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.
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. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.
6. 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.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.
8. 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.

9. 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.

Manisha Patankar-Mhaikar
(Member Secretary) 8/2/2022

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Thane.
6. Commissioner, Kalyan- Dombivali Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Kalyan.

Signature Not Verified

Digitally signed by Manisha
Patankar Mhaiskar
Member Secretary

Date: 2/10/2022 4:22:21 PM