

Date: 18.06.2024

To,
Ministry of Environment, Forest & Climate Change,
Integrated Regional office (WCZ),
Ground Floor E wing,
New Secretariat Building, Civil Line,
Nagpur 440 001.

Sub: Submission of Compliance Report for Proposed Residential cum commercial Project at Plot bearing S. No - 181/2G, 181/2H, 181/2D, 156/3 at village:- Shill, Tal & Dist - Thane, for Chalama Infraproperties Pvt. Ltd

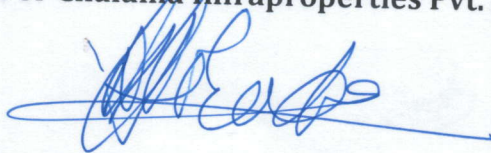
Ref: Environmental Clearance Letter SIA/MH/MIS/123971/2019 dt. 31.03.2020 (B1 Plot).

Dear Sir,

This is with reference to Environmental Clearance Letter SIA/MH/MIS/123971/2019 dt. 31.03.2020 (B2 Plot) from SEIAA, Govt of Maharashtra.

We are enclosing here with the detailed Compliance report (from October 2023 to March 2024) along with duly filled data sheet.

Thanking you,
Yours faithfully,
For Chalama Infraproperties Pvt. Ltd.



Authorized Signatory



Enclosed: Copy Compliance Report for the period of October 2023 to March 2024.

Cc:

1. Regional Office, MPCB, Thane
2. Environment Department, Mantralaya, Mumbai

COMPLIANCE REPORT

(OCTOBER 2023 TO MARCH 2024)

For

PROPOSED RESIDENTIAL DEVELOPMENT

(ENVIRONMENTAL CLEARANCE LETTER NO.SIA/MH/MIS/123971/2019 dated 31.03.2020)

**At Plot bearing S. No - 181/2G, 181/2H, 181/2D, 156/3 at village: Shill,
Tal & Dist - Thane, State - Maharashtra**

Proposed By

**CHALAMA INFRAPROPERTIES
PVT. LTD.**

Project Details

Sr. No.	Particulars	Details
1	Project type :River- valley/mining /Industry/Thermal/Nuclear/other(specify)	Construction Project
2	Name of the Project	Proposed Residential development
3	Clearance letter(s)/OM and Date	Environmental Clearance letter no. SIA/MH/MIS/123971/2019 dated 31.03.2020.
4	Location	At Plot bearing S. No - 181/2G, 181/2H, 181/2D, 156/3 at village-Shill, Tal & Dist - Thane, State - Maharashtra by Chalama Infra-properties Pvt. Ltd.
	a) District(s)	Thane
	b) State(s)	Maharashtra
	c) Latitude/Longitude	N 19°09'10.61" E 73°02'17.65"
5	Address of correspondence	
	a) address of concerned Project Chief Executive (with pin code & telephone/telex/fax numbers)	Chalama Infra-properties Pvt. Ltd.Mr. Mr. Deepak Goradia Partner Lawrence & Mayo House, 1st Floor, 276, Dr. Road, Fort, Mumbai - 400001 Tel.no. :09833903148 E mail : info@dostigroup.com
	b) Address of Executive Project Engineer/Manager(with pin code/fax numbers)	Same as above
6	Salient features	
	a) of the Project	The proposed projects having 7 no of Residential buildings type A to G . Building Configuration: B+S+ 1 st to 23 rd floor.
	b) of the Environmental Management Plan	Details of the Sewage Treatment Plant have 800KLD capacity with MBBR technology, Solar Hot water system for each building, Rain Water Harvesting and Solid waste management through OWC are given in Annexure
7	Break up of the project area	
	a) submergence area : forest & non-forest	NA
	b) Others	Total Plot area: 25,370.00 m ² FSI area 51,301,90 m ²

		Non FSI area	45,629.00 m ²
		Total Construction Area	96,930.90 m ²
8	Break up of the project affected population with enumeration of those losing houses/dwelling unit only agricultural land only, both dwelling units & agricultural land & landless laborers/		
	a) SC, ST / Adivasis	N.A.	
	b) others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey carried out gives details and years of survey)	N.A.	
9	Financial details:		
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs. 227.28 Crore	
	b) Allocation made for environmental management plans with item wise and year wise break-up	Construction Cost	430 Lakhs
		Operation & Maintenance Cost	91 Lakhs/ yr
	c) Benefit cost ratio/Internal rated of Return and the year of assessment	N.A.	
	d) Whether (c) includes the cost of environmental management as shown in the above	N.A.	
	e) Actual expenditure incurred on the environmental management plans so far	N.A.	
10	Forest land requirement	No Forest Land Required.	
	a) The status of approval for diversion of forest land for non-forestry use	N.A.	
	b) The status of clearing felling	N.A.	
	c) The status of compensatory	N.A.	
	d) afforestation, if any	N.A.	
	e) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	N.A.	
11	The status of clear felling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.	
12	Status of construction		
	a) Date commencement (Actual and/or planned)	---	

	b) Date of completion (Actual and/or planned)	----
13	Reasons for the delay if the project is yet to start	NA
14	Dates of site visits	
	a) The dates on which the project was monitored by the Regional office on previous occasions, if any	Site not yet visited by official of MoEF Regional Office, Nagpur.
	b) Date of site visit for this monitoring report	Not yet finalized.
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)	Environmental Clearance letter no. SIA/MH/MIS/123971/2019 dated 31.03.2020 received from SEIAA, Govt. of Maharashtra

Present Status of Residential Project at Plot bearing S. No - 181/2G, 181/2H, 181/2D, 156/3 at village - Shill, Tal & Dist - Thane, State - Maharashtra

- AMBER –TOWER-2 -4th floor typical slab –work in progress.
- SAPPHIER –TOWER3-7th floor level Al Shuttering work in progress

Compliance to Environmental Clearance letter No.: SIA/MH/MIS/123971/2019 dated 31.03.2020		
SPECIFIC CONDITIONS		
A. SEAC CONDITIONS:-		
	Conditions	Compliance
1.	PP to submit architect certificate regarding that no construction is undertaken plot area which was deleted in proposal under consideration even though it was part of earlier EC received in 2012 & 17.10.2014.	We have submitted the approval plan during the meeting accordingly committee granted environmental clearance.
2.	PP to provide STP of 850 KLD capacity.	We have provided the sufficient capacity of the STP to treat generated sewage from entire project.
3.	PP to increase solar energy saving to 5%.	10 % of the energy saving achieve through solar energy (Solar PV panel + Hot water) .
4.	PP to ensure that 31% RG proposed on surface of slab should have 4 feet thick soil.	We agree
5.	Committee noted that around 50% waste water is proposed to be disposed of in the sewer. PP to explore measures to use maximum treated waste water to reduce disposal to 35%.	We are recycling 72 % of the treated water for the purpose of non-contact use i.e. for flushing, gardening School PG and Green zone area purpose.
6.	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.	Not Applicable
7.	PP to submit CER as applicable as per MOEF & CC circular dated 1.5.2018 in consultation with Municipal Corporation.	Not applicable as per OM of the MoEF & CC F.NO. 22-65/2017 –IA.III dated 25.02.2021
8.	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
9.	SEIAA decided to grant EC for FSI: 51,301.90 m2, Non-FSI: 45,629.00 m2 and Total BUA: 96930.90 m2 (Plan Approval no-S11/0226/2/TMC/TDD/5724 Date- 12.03.2020)	We agree
General Conditions		

I.	E-waste shall be disposed through authorized vendor as per E-waste (Management and Handling) Rules, 2016.	E-Waste generated from Household will be disposed through authorized vendor.
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.	We agree.
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& SEJAA.	We agree
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSIFAR 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.	Building plans are approved by TMC as per norms.
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.	We have obtained the Consent to Establish vide letter no Format1.0/CC/UAN No.0000177160/CE/2311000516 dated 06.11.2023.

VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Temporary sanitation with separate toilets with septic tanks, soak pits for workers has been provided on the site.
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 drinking water and sanitary facilities has been provided to workers. The waste generated from the labour has been mostly household waste, which is collected and disposed in Municipal Solid Waste Management Facility.
IX	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Solid waste has been properly collected and segregated at source. Wet garbage will be treated in Mechanical composting machine and generated manure is used for the Gardening. Dry solid waste will be disposed of on municipal solid waste management system.
X	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	The muck has been disposed with the permissions of competent authority at approved site. As a precaution, we have been barricade about 10 feet above ground level to create general safety and health aspects of people. Re-utilization strategy for construction debris will be followed. Recycled aggregate shall be used for filling application.
XI	Arrangement shall be made that waste water and storm water do not get mixed.	We will make such arrangement that storm water and waste water not get mixed. Separate pipeline for SWD & waste water will be provided so the waste water and storm water will not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Top layer of soil is reused for the development of green belt.
XIII	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved	Natural drainage system of area is not disturbed.

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 landscape will be developed considering CPCB guidelines including selection of plant species. The tree species which planted will be of local variety.
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.	Soil sample & drinking water samples are monitoring from MoEF recognized laboratory. Copy of the report is attached in Annexure
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.	Such types of wastes are not anticipated in this activity. However, all possible measures have been taken to avoid contamination of water bodies/streams.
XVII	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	No hazardous waste generated during construction and operation phase. As it is Residential project. However, the disposal of the same shall be done as per CPCB /MPCB norms applicable to hazardous waste.
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.	The D. G. sets is enclosed type and as per CPCB norms.
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.	Regular maintenance of construction vehicles is carried out to keep them in good condition. The vehicles having PUC certificate is be used. Adequate parking space is also be made for construction vehicles inside the construction premises to lessen the impacts on traffic in surrounding areas.

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.	The noise levels as well as air pollution is monitored from MoEF recognized laboratory. Copy of the monitoring report is attached.
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).	Ready mix concrete around 4901 m ³ with fly ash is used in the construction.
XXIII	Ready mixed concrete must be used in building construction.	Ready mix concrete is used for building construction.
XXVI	Storm water control and its re-use as per CGWB and BIS standards for various applications.	The provision of Roof top rain water harvesting through collection tank will be made. The overflow of the tank has been joined to the Municipal Storm Water drains. Storm water control and its reuse will be as per Central Ground Water Board and BIS standards for various specifications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Complying the same by use of pre-mixed concrete, curing agents and other best practices in NBC.
XXIV	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority. 3	The drinking water quality is monitored through MoEF recognized laboratory. We will not using ground water for construction purpose as well as operational 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 unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	STP will be certified by an independent expert and report in this regard will be submitted to the ministry before the project is commissioned for operation. Sewage will be treated up to tertiary level. The treated sewage will be reused for gardening and flushing purpose. The dual plumbing system will be provided at site to recycle the treated water for flushing purpose.
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.	We are not using ground water in the project.
XXIX.	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Instead of grey and black water separation, we will make the provision of STP Dual plumbing lines are used for recycling water and fresh 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.	Water efficient sanitary features include showers, low flush, dual cistern will be provided before OC .
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.	The use of glass is less than 40%
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Roof meets the prescriptive requirement will be as per Energy Conservation Building Code

XXXIII.	Energy conservation measures like installation of CFLs /TFLS for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLS and TFLs should be properly collected and disposed of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	<p>Solar Energy will be utilized for the purpose of lighting in the common area, street, landscape area and corridor.</p> <p>Solar hot water system will be provided to residential building.</p>
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.	We will comply to above & make necessary arrangements. The DG sets will be provided as emergency back for lift, common area, pumps etc. The DG set shall confirm the guidelines prescribed by CPCB and rules made under the Environment (Protection) Act 1986.
XXXV.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night- time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	<p>The noise levels as well as air pollution are monitored from MoEF recognized laboratory.</p> <p>Copy of the reports are attached as annexure</p>
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 & exit to the proposed project are located in such way that it won't affect traffic on the adjoining roads. Also sufficient parking is provided.

XXXVII.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air- conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	The buildings shall not air conditioned, this is redevelopment of Residential project and hence ECBC code is not applicable in the instant case. However, we have used 6" AAC blocks (Autoclaved Aerated Concrete Blocks) and additional 2" of plaster resulting in the U value of 0.56 w/m ² °k for the effective insulation against the Heat gain.
XXXVIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The Buildings have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation to the premises.
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.	The regular supervision is carried out by the project in-charge and supervisors are trained in Environmental Management measures.
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.	We have started the work on site after the receipt of EC.
XLI.	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with cop to this department and MPCB.	We have submitting compliance report along with monitoring report to Regional office of MOEF Nagpur, Environment Department and RO 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.	STP, MSW, green belt development etc. facilities will be provided on site before occupation.

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.	Wet garbage during operation phase will be composted using Mechanical Composting Technology and generated manure is used for gardening in nearby area.
XLIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB,	Noted
XLV.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	We will submit all the project details and plans to MPCB while applying to Consent to Establish.
XLVI.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	We agree
XLVII.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Project head himself is managing environment issues. However, the Cell shall be formed and it shall be responsible for necessary environmental safeguards.
XLVIII.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. This cost shall be included as part of the project cost. 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 funds are allocated for implementation of environmental protection measures. Break – up of EMP budget is attached The funds for implementation of environmental protection measures/EMP will be provided as per planned requirement.
XLIX.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://parivesh.nic.in	Copy of the advertisement was published in two local newspapers Navshakti and Free Press Journal.

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.	We are submitting the compliance report along with monitoring report to RO MPCB Nagpur, Environment Department and MoEF Nagpur.
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.	Noted and Complied.
LII.)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We will upload the status of compliance of the stipulated EC conditions, including results of monitored data.
LIIL.)	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 & will be complied.
(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.	We understand the issue and shall be abided accordingly
(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.	We agree
(6)	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Noted

(7)	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.	We agree
(8)	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	Noted
(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.	We agree
(10)	Any appeal against this environmental clearance shall lie with the National Green Tribunal ,(Western Zone Bench, Pune) ,New Administrative Building, 1 st Floor, D- Wing, Opposite Council Hall, Pune, if preferred ,within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted



ANNEXURE – I

SOLID WASTE MANAGEMENT PLAN

- Wet Garbage: 1836 Kg/day.
- Dry Garbage: 1224 kg/day.
- The biodegradable and non-biodegradable waste will be segregated at source of waste generation. Then this is separately disposed in municipal waste disposal system.
- Biodegradable garbage will be composted using Organic waste converter.

ANNEXURE II

WATER BUDGET AND SEWAGE GENNERATION DETAILS

Water Demand	Quantity	Unit
Water consumption	826	m ³ /day
Sewage generation	771	m ³ /day
STP capacity	800	m ³ /day
Recycling		
Treated water is recycled & used for flushing	275	m ³ /day
Treated water used for gardening	27	m ³ /day
Excess Treated Water is disposed in Municipal Sewer Line	461	m ³ /day

Particulars	No of Flats	Occupancy	Total Population	Water Requirement Basis (in lpcd)*		Total Water Requirement/ person	Water Demand KLD
				Domestic	Flushing		
Residential Flats	1,224	5	6,120	90	45	135	826
Total			6,120				826
Sewage Generation				90 % of Domestic & 100 % of Flushing Requirement			771
Sludge				1 % of Sewage Generation			8
Recycling for Flushing							
Residential Flats	1,224	5	6,120		45	45	275
Total			6,120				275
Recycling for Gardening		5,433.75				5l/m ²	27
Excess Treated Water to Municipal Sewer/ Nearby Green zone area/ School PG area							461

ANNEXURE III

ENVIRONMENTAL MANAGEMENT PLAN
DURING CONSTRUCTION PHASE

Sr. No.	Environmental Components	Predicted Impacts	Probable source of Impact	Mitigation Measures	Remarks
CONSTRUCTION PHASE					
1.	Ambient Air Quality	Negative impact inside construction site premises. No negative impact outside site.	Dust emissions from excavation, air emissions from machinery and other construction activities at site.	Dust reduction measures such as road watering. Periodic maintenance of construction equipment. Use of good quality fuels. Use of Personal Protective Equipment's	Impacts are temporary during construction phase. Impacts are confined to short distances, as coarse particles are settle within the short distance from activities.
2.	Noise	Negative impact near noise generation sources inside premises. No significant impact on ambient noise levels in the surrounding area.	Noise generated from construction activities and operation of construction equipment and DG sets	Use of well-maintained equipment. Heavy construction activity limited to day-time hours only. Use of noise mufflers in and construction vehicle. Use of earplugs/muffs by construction staff.	Temporary impacts during construction phase. No blasting or other high noise activities envisaged.
3.	Water	No significant negative impact.	Surface runoff from project site. Oil/fuel and waste spills. Improper debris disposal. Discharge of sewage from labour camp.	Silt fences to reduce run-off Secondary containment and dykes in material storage areas. Sewage treatment in septic tanks.	Labours are employed to reduce size of labour camps. No perennial surface water resource adjacent to site.

4.	Land	Minor negative impact	Excavation, Construction debris, waste from labour camp.	Reutilization and recycling of construction debris Waste from labour camps was collected and composted on site. Non compostable waste is transported to landfill site. Topsoil is conserved and used for landscaping in functional phase.	-
5.	Aesthetics	Minor negative impacts	Construction activities and Excavation	The impacts is compensated by extensive tree plantation and gardening in the use phase.	Short term impact restricted only in the initial stages of construction.

ANNEXURE IV

EMP COST

Component	Capital Cost (Rs. In Lakhs)	O & M Cost (Rs. In Lakhs/year)
STP (Tertiary)	160	32
Solar System	85	5
Rain Water Harvesting	24	1
Solid waste Composting plant	110	44
Landscape development	51	5
Environmental Monitoring		4
Total Cost	430	91

**ANNEXURE V
ADVERTISEMENT**

MARATHI NEWS PAPER

FREE PRESS JOURNAL DTD 03-09-2020

“CHALAMA INFRAPROPERTIES PVT. LTD.”

Our proposed Environmental Clearance for Residential Project at plot bearing S. No. -181/2G, 181/2H, 181/2D, 156/3 at Village-Shill, Taluka & District-Thane, Maharashtra was accorded the Environmental Clearance from the Department of Environment, Government of Maharashtra.

The copy of the Environmental clearance letter is available with Maharashtra Pollution Control Board web site at www.ecmpcb.in

ENGLISH NEWS PAPER

NAVASHAKTI DTD 03-09-2020

“चलामा इन्फ्राप्रॉपर्टीज प्रा. लि.”

आमच्या प्रस्तावित सर्वे नं. 181 / 2जी, 181 / 2एच, 181 / 2डी, 156 / 3 शील गांव, तालुका व जिल्हा-ठाणे, महाराष्ट्र येथील रहिवासी प्रकल्पाला पर्यावरण विभाग महाराष्ट्र शासन मुंबई, यांच्या कडून पर्यावरण विषयक मंजूरी देण्यात आली आहे.

सदर पर्यावरण विषयक मंजूरीची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांच्या www.ecmpcb.in या संकेतस्थळावर उपलब्ध आहे.

ANNEXURE VI

SITE PHOTOGRAPHS



Labour Camp



Toilet Facility provided on site

Health Checkup



SUMMARY OF MEDICAL CHECK UP

**SITE :- DOSTI PLANET
NORTH**

**PERIOD : FROM OCT-23 TO
MARCH-24**

SR NO	MONTH	TOTAL NOS OF LABOURS BEEN EXAMINED
1	OCT	409
2	NOV	366
3	DEC	511
4	JAN	447
5	FEB	465
6	MAR	463
	TOTAL LABOUR	2661

PUC CERTIFICATE

Form 89
(See rules 116 (2))

Pollution Under Control Certificate
Authorized by
Government of Maharashtra

Date: 12/12/2023
Time: 12:50:42 PM
Validity upto: 11/07/2024

Vehicle No. MH00400830008621
Date of Registration 08/Dec/2014
Month & Year of Manufacturing May-2013
Vehic Mobile Number *****1709
Emission Norms BHARAT STAGE III
Fuel DIESEL
PUC Code MH0040083
GSTIN
Fee Rs.150.00
(GST to be paid extra as applicable)
Nil observation No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	Carbon Monoxide (CO)	percentage (%)		
2	Hydrocarbon, (THC/HC)	ppm		
3	CO	percentage (%)		
4	RPM	RPM	2500 ± 200	
5	Lambda		1 ± 0.03	
6	Smoke Density	Light absorption coefficient	2.45	0.65

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Form 89
(See rules 116 (2))

Pollution Under Control Certificate
Authorized by
Government of Maharashtra

Date: 12/01/2024
Time: 12:31:37 PM
Validity upto: 11/07/2024

Vehicle No. MH00400830008958
Date of Registration 26/Jun/2013
Month & Year of Manufacturing May-2013
Vehic Mobile Number *****1709
Emission Norms BHARAT STAGE III
Fuel DIESEL
PUC Code MH0040083
GSTIN
Fee Rs.150.00
(GST to be paid extra as applicable)
Nil observation No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	Carbon Monoxide (CO)	percentage (%)		
2	Hydrocarbon, (THC/HC)	ppm		
3	CO	percentage (%)		
4	RPM	RPM	2500 ± 200	
5	Lambda		1 ± 0.03	
6	Smoke Density	Light absorption coefficient	2.45	0.49

This PUC certificate is system generated through the national register of Motor vehicles and does not require any signature.

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorized Signature with stamp of PUC operator
60mm x 20 mm

Compliance report for Proposed residential project

Form 59
[See rules 116 (2)]

Pollution Under Control Certificate
Authorised By :
Government of Maharashtra

Date : 12/12/2023
Time : 12:51:51 PM
Validity upto : 11/06/2024

Certificate No. : MH00400830008622
Registration No. : MH04SR1269
Date of Registration : 20/05/2014
Month & Year of Manufacturing : June 2014
Valid Model Number : *****1709
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : MH0040083
GSTIN :
Fees : Rs.150.00
(GST to be paid extra as applicable)
Nil observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission Limits	Measured Value (upto 3 decimal places)
1	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.54

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://pus.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

Form 59
[See rules 116 (2)]

Pollution Under Control Certificate
Authorised By :
Government of Maharashtra

Date : 12/12/2023
Time : 12:52:43 PM
Validity upto : 11/06/2024

Certificate No. : MH00400830008623
Registration No. : MH04SR1905
Date of Registration : 26/Jun/2013
Month & Year of Manufacturing : May-2013
Valid Model Number : *****1709
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : MH0040083
GSTIN :
Fees : Rs.150.00
(GST to be paid extra as applicable)
Nil observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission Limits	Measured Value (upto 3 decimal places)
1	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.39

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://pus.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

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

TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2023-24/02/1653		Report Date	20.02.2024
Sample ID: -	GESEC/PRO/AAQM/2023-24/02/1653			
Name & Address of the Customer	CHALAMA INFRA PROPERTIES PVT. LTD. At Plot bearing S. No - 181/2G, 181/2H, 181/2D, 156/3 at village-Shill, Tal & Dist - Thane, State – Maharashtra			
AMBIENT AIR SAMPLE DETAILS				
Type	Sampling Location	Sampling done by	Sampling Time (Total Hrs)	
Ambient Air	Project Site	Client	8 Hrs.	
Date of Sampling	Analysis Start Date	Startt Analysis Date	Analysis End Date	
14.02.2024	15.02.2024	15.03.2024	21.02.2024	
Parameters	Method	Unit	NAAQ Standards	Result
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	79.3
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	34.7
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	26.3
Oxide of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	40.1
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				
<div style="text-align: center;">  </div> <div style="text-align: right;">  Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By </div>				


END OF REPORT

Page 1 of 1

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.
- 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)
 ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2023-24/02/1654		Report Date 20.02.2024
Sample ID: -	GESEC/PRO/ANLM/2023-24/02/1654		
Name & Address of the Customer	CHALAMA INFRA PROPERTIES PVT. LTD. At Plot bearing S. No - 181/2G, 181/2H, 181/2D, 156/3 at village-Shill, Tal & Dist - Thane, State – Maharashtra		
AMBIENT NOISE SAMPLE DETAILS			
Type	Ambient Noise		
Sampling done by	Client		
Standard method	As Per IS: 9989:2020		
Date of Monitoring	14.02.2024		
Timing of Monitoring	Unit	Results	CPCB Standards dB(A)
Location	Project site		
Day	dB(A) Leq	55.6	55*
Night	dB(A) Leq	45.8	45*
Remark- <ul style="list-style-type: none"> ➤ Limit During Day time < 55. (Day time shall mean from 6.00 am to 10.00 pm.) Limit During Night time < 45. (Night time shall mean from 10.00 pm to 6.00 am.) ➤ <i>*As per Code of practice for Controlling Noise prescribed by Noise Pollution Committee from Sources other than Industries and Automobiles, the maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq (5 min.) in other areas. http://envfor.nic.in/citizen/specinfo/noise.html</i> 			
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

END OF REPORT


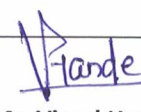


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TEST REPORT				
Test Report No – GESEC/PRO/W/2023-24/02/1655		Date of Reporting		20.02.2024
Sample ID - GESEC/PRO/W/2023-24/02/1655		Sample Details		Drinking Water
Name & Address of the Customer - CHALAMA INFRA PROPERTIES PVT. LTD. At Plot bearing S. No - 181/2G, 181/2H, 181/2D, 156/3 at village-Shill, Tal & Dist - Thane, State – Maharashtra		Type of Sample		Water
		Volume Of Sample		2 Lit Plastic Can
		Sample Status		Sealed
		Sample Collected By		Client
		Date of Sample Collection		14.02.2024
		Analysis start Date		15.02.2024
		Analysis End Date		19.02.2024
		Sampling Location :		Project site
WATER ANALYSIS REPORT				
Parameter	Result	Limits as per IS 10500:2012	Unit(s)	Standard Method
Physical Parameter				
Turbidity	<0.1	Max1	NTU	IS:3025 Part 10 :2019
TDS	137	Max 500	mg/l	IS:3025 Part 16 :2017
Color	<5	Max 5	Hazen	IS:3025 Part 4:2021
Chemical Parameter				
pH	7.12	6.5 to 8.5	--	APHA 4500H+B, 24th Edition:2023
Total Hardness	163	Max 200	mg/l	IS:3025 Part-21:2019
Total Alkalinity	147	Max 200	mg/l	IS:3025 Part-23:2019
Sulphate	25.6	Max 200	mg/l	IS:3025 Part-24:2019
Chloride	22.3	Max 250	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	13.6	Max 75	mg/l	IS:3025 Part-40:2019
Magnesium (as Mg)	8.2	Max 30	mg/l	APHA 3500- Mg, B24th Edition:2023
Elemental Analysis				
Iron as Fe	<0.025	Max 0.3	mg/l	IS:3025 Part 53:2019
Microbiological Parameter				
Total Coliform	Absent	Absent	Per 100ml	IS 15185.2016
E.coli.	Absent	Absent	Per 100ml	IS 15185.2016
Remark(s): ➤ The above water sample is Comply with required limit as per IS 10500:2012.				
<div style="text-align: center;">  </div> <div style="text-align: right;">  Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By </div>				



END OF REPORT

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TEST REPORT				
Report No: GESEC/PRO/SO/2023-24/02/1656			Date of Report	20.02.2024
Sample ID: GESEC/PRO/SO/2023-24/02/1656			Date of Sampling	14.02.2024
Name and Address of the Customer – CHALAMA INFRA PROPERTIES PVT. LTD. At Plot bearing S. No - 181/2G, 181/2H, 181/2D, 156/3 at village-Shill, Tal & Dist - Thane, State – Maharashtra			Start Date of Analysis	15.02.2024
			End Date of Analysis	19.02.2024
			Sample Details	soil
			Nature of sample	solid
Sample Collected By			Client	
Parameter	Result	Unit	Standard Method	
Colour	Black	--	-	
pH	8.2	--	IS 2720 (Part 26): 2021	
Water Content/Moisture	2.3	%	IS 2720 (Part 2) 2020	
Electrical Conductivity	4.2	mhos/Cm	IS 14767:2021	
Organic Carbon	2.8	%	Manual Soil Testing in India (Dept of Agriculture and cooperation, Ministry of Agri Gov. of India, page No.84-85: 2011	
Cation Exchange Capacity	38.8	Meq/100g m	Manual Soil Testing in India (Dept of Agriculture and cooperation, Ministry of Agri Gov. of India, page No.74-75: 2011	
Available Nitrogen	105	mg/Kg	Manual Soil Testing in India (Dept of Agriculture and cooperation, Ministry of Agri Gov. of India, page No.89-90: 2011	
Available Phosphorous as PO4	83.4	mg/Kg	Method manual, Soil testing in India (Department of agriculture and cooperation, Ministry of agri. Government of India, Page No.95:2011)	
Available Potassium as K	74.8	mg/Kg	Method manual, Soil testing in India (Department of agriculture and cooperation, Ministry of agri. Government of India, Page No.149:2019)	
Sodium	3.6	mg/kg	IS:9497-2020	
Copper	<2	mg/kg	USEPA-3050B,Rev 2 December (1996)	
Zinc	<2.5	mg/kg	Manual Soil Testing in India (Dept of Agriculture and cooperation, Ministry of Agri Gov. of India, page No.109-110:2011	
Total Chromium	<5	mg/kg	USEPA-3050B,Rev 2 December (1996)	
Cadmium	<5	mg/kg	USEPA-3050B,Rev 2 December (1996)	
Lead	<1	mg/kg	USEPA-3050B,Rev 2 December (1996)	
<div><div></div><div> Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By</div></div>				

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