

Consent

From: Consent
Sent: Friday, September 29, 2023 5:15 PM
To: srothane1@mpcb.gov.in
Subject: Submission of Half Yearly Post Monitoring Report for the period of October, 2022 – March, 2023 for Bldg. proposal "KESHAV HEIGHT" at village Parsik, Taluka & District-Thane. by M/s Sunita Enterprises
Attachments: PMR_Sunita Enterprises_(Keshav Heights)_October,22 - March,23.pdf

To,
The SRO THANE-I,
M.P.C.Board,
Thane.
Maharashtra

Subject: : Submission of Half Yearly Post Monitoring Report for the period of October, 2022 – March, 2023 for Bldg. proposal "KESHAV HEIGHT" at Plot bearing CTS NO. 4 79A (GUT NO.26), 480 A,B (GUT NO.28/1); 488 A,B,C,D,E (GUT NO.32), 492 (GUTNO.33),487 A (pt), B,C,D,(GUT NO.6316), 485 A (pt)-, B (OLD GUT NO. 631B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parsik, Taluka & District-Thane.

Reference: Clearance letter no. SIA/MH/MIS/127655/2019 dtd. 08.07.2020.

Dear Sir,

This is with reference to the above subject for our project. We are submitting herewith our half yearly monitoring report with following contents:

- Data Sheet.
- Compliance Report.
- Post monitoring report.
- Energy conservation report.
- Copy of Environmental Clearance.
- Copy of Consent to Establish.
- Copies of the advertisement published in the newspaper (Marathi & English).

Hope the above are in line with your requirement and kindly acknowledge the receipt.

Thanking you,

Yours truly,

M/s Sunita Enterprises

C.C TO: 1. The Director, MoEF&CC, Nagpur
2. The Secretary, Environment Department, Mantralaya, Mumbai



Thanks & Regards

Dwirukti Poddar

M/s. Enviro Analysts and Engineers Private Limited.

B-1003, Enviro House, 10th floor.

Western Edge-II, W.E Highway.

Borivali(E), Mumbai-400066

Mobile No: 9322086202

Tel No:91-22 2854 1647/48/49/67/68

Email: consent@eaepl.com

“File this email in an email folder and save a tree.”

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Attachments: PMR_Sunita Enterprises_(Keshav Heights)_October,22 - March,23.pdf

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: : Submission of Half Yearly Post Monitoring Report for the period of October, 2022 – March, 2023 for Bldg. proposal "KESHAV HEIGHT" at Plot bearing CTS NO. 4 79A (GUT NO.26), 480 A,B (GUT NO.28/1); 488 A,B,C,D,E (GUT NO.32), 492 (GUTNO.33), 487 A (pt), B,C,D,(GUT NO.6316), 485 A (pt)-, B (OLD GUT NO. 631B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parsik, Taluka & District-Thane.

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2. The Secretary, Environment Department, Mantralaya, Mumbai



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Mobile No: 9322086202
Tel No:91-22 2854 1647/48/49/67/68
Email: consent@eaepl.com
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SUNITA ENTERPRISES

Gr. Floor, Yashwant Apt., Near Kalwa Swimming Pool, Manisha Nagar Gate No. 2, Kalwa, Thane - 400 605.
Website : www.shreekrupabuilders.com • E-mail : shreekrupabuilders@yahoo.com

Date: 29/09/2023

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: Submission of Half Yearly Post Monitoring Report for the period of October- 2022 – March, 2023 for Bldg. proposal "KESHA V HEIGHTS" at Plot bearing CTS NO. 4 79A (GUT NO.26), 480 A, B (GUT NO.28/1), 488 A, B, C, D, E (GUT NO.32), 492 (GUT NO.33), 487 A (pt), B, C, D, (GUT NO.6316), 485 A (pt), B (OLD GUT NO. 631B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parsik, Taluka & District-Thane by M/s Sunita Enterprises.

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M/s Sunita Enterprises

Authorized Signatory

C.C 10

1.

M.S., MPCB Mumbai.

2.

Environment Department, Mantralaya, Mumbai.



SUNITA ENTERPRISES

Gr. Floor, Yashwant Apt., Near Kalwa Swimming Pool, Manisha Nagar Gate No. 2, Kalwa, Thane - 400 605.
Website : www.shreekrupabuilders.com • E-mail : shreekrupabuilders@yahoo.com

Date : 29/09/2023

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: Present status of Project work for the period of October, 2022 – March, 2023.

Reference: Clearance letter no. SIA/MH/MIS/127655/20 dtd. 08.07.2020.

Dear Sir,

This is with reference to the above subject, our expansion and modernization project at Bldg. proposal "**KESHAV HEIGHTS**" at Plot bearing CTS NO. 4 79A (GUT NO.26), 480 A, B (GUT NO.28/1); 488 A, B, C, D, E (GUT NO.32), 492 (GUT NO.33), 487 A (pt), B, C, D, (GUT NO.6316), 485 A (pt), B (OLD GUT NO. 631B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parsik, Taluka & District-Thane by **M/s Sunita Enterprises.**

The present project status at site is as follows:

Wing / Building	floors	Status
Building A1	Stilt+ 13 Floors	Building completed. OC Received
Building A.	Stilt + 7 Floors	Building completed. OC Received
Building D	Stilt/Ground+2 Floors	Work not yet started
Building A2	Stilt+ 13 Floors	Building completed. OC Received
Building C •	Ground & Stilt part ± 22 Floors	Building completed. OC Received upto 21 st floors
Building E	Stilt / Ground + 7 Floors	Building completed. OC Received

Thanking you,

Yours truly,
M/s. Sunita Enterprises


Authorized Signatory



DATA SHEET

Developer

M/s. Sunita Enterprises ' Keshav Heights'

**Plot bearing CTS NO. 479A (GUT NO.26), 480 A, B (GUT NO.28/1); 488 A, B, C, D, E
(GUT NO,32), 492 (GUT NO. 33),487 A (pt), B, C, D, (GUT NO. 6316), 485 A (pt)-, B (OLD
GUT NO. 631B, NEW GUT NO. 63/7), 491 (pt) (GUT N0.34/3/3C) at village Parsik,
Taluka & District-Thane**

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

Ministry of Environmental and Forests
Regional Office (West Central Zone), Nagpur.

Monitoring Report

PART – I

DATA SHEET

1.	Project type: river - valley/ mining/ Industry / thermal / nuclear/ Other (specify)	Residential Project
2.	Name of the project	Keshav Height by M/s. Sunita Enterprises
3.	Clearance letter (s) / OM/ no and date:	<ul style="list-style-type: none"> EC File no. SIA/MH/MIS/127655/2019 dated 08.07.2020.
4.	Location	At Plot bearing CTS NO. 479A (GUT NO.26), 480 A, B (GUT NO.28/1); 488 A, B, C, D, E (GUT NO.32), 492 (GUT NO. 33), 487 A (pt), B, C, D, (GUT NO. 6316), 485 A (pt)·, B (OLD GUT NO. 631B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parsik, Taluka & District-Thane
a.	District (s)	Thane
b.	State (s)	Maharashtra
c.	Latitude / Longitude	---
5.	Address for correspondence	
a.	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax numbers)	Ground Floor, Yashwant Apartment, Near Kalwa Swimming Pool, Manisha Nagar Gate No. 2, Kalwa, Thane - 400605
b.	Address of Executive Project Engineer /Manager (with pin c ode / fax number)	
6.	Salient features	

a.	of the project	<div>Residential project</div> <div><ul style="list-style-type: none">• Total Plot Area: 19,678.37 sq.m• FSI Area: 21,159.26 sq.m.• Non FSI Area: 7,125.81 sq.m.• Total Construction Area: 28,285.07 sq.m.</div> <div><table><tr><th>Building name</th><th>Configuration</th></tr><tr><td>Building A1</td><td>Stilt + 13 floors</td></tr><tr><td>Building A</td><td>Stilt + 7 floors</td></tr><tr><td>Building D</td><td>Stilt/ Ground + 2 floors</td></tr><tr><td>Building A2</td><td>Stilt + 13 floors</td></tr><tr><td>Building C</td><td>Ground & Stilt part + 22 Floors</td></tr><tr><td>Building E</td><td>Stilt/ Ground + 7 floors</td></tr></table></div>	Building name	Configuration	Building A1	Stilt + 13 floors	Building A	Stilt + 7 floors	Building D	Stilt/ Ground + 2 floors	Building A2	Stilt + 13 floors	Building C	Ground & Stilt part + 22 Floors	Building E	Stilt/ Ground + 7 floors
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b.	of the environmental management plans	<div>1. <u>Sewage Treatment Plant:</u></div> <div>Sewage Treatment Plant with capacity 225 KLD will be provided for treating the wastewater with MBBR technology.</div> <div>Recycled wastewater is used for Flushing, gardening etc. Excess treated sewage is disposed to MCGM sewer line.</div> <div>2. <u>Water Management:</u></div> <div>Total Water Requirement: 254 CMD.</div> <div>Rain Water Harvesting is provided to recharge the ground water table.</div> <div>3. <u>Solid Waste Management:</u></div> <div>Bio-degradable waste is treated in OWC & Dry waste will be handed over to Local recyclers for recycling & dried sludge from STP is used as manure.</div> <div>4. <u>Solar energy</u> is used for streets and landscape lighting.</div>														
7.	Break Up Of the project Area															
a.	Submerge area: forest & non-forest	Non-Forest														
b.	Others	<div><ul style="list-style-type: none">• Total Plot Area: 19,678.37 sq.m• FSI Area: 21,159.26 sq.m.• Non FSI Area: 7,125.81 sq.m.• Total Construction Area: 28,285.07 sq.m.</div>														
8.	Break up of the project affected: population with enumeration of those	Not Applicable.														

	losing houses / dwelling units, only agriculture land only, both dwelling units and agriculture land and landless labourers / artisan											
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	Rs. 138.48 Crores										
b.	Allocation made for environmental management plans with item wise and year wise break-up	EMP Cost: Capital Cost – Rs. 120 lakhs O & M Cost – Rs. 16.9 lakhs										
c.	Benefit cost ratio/ Internal rate of return and the year of assessment	---										
d.	Whether (c) includes the cost of environmental management as shown in the above	---										
e.	Actual expenditure incurred on the project so far	Rs. 76,02,09,362										
f.	Actual expenditure incurred on the environmental management plans so far	<table border="1"> <thead> <tr> <th>Particulars</th><th>Expenses till date (In Rs.)</th></tr> </thead> <tbody> <tr> <td>STP</td><td>205114</td></tr> <tr> <td>Solar Panel</td><td>1000000</td></tr> <tr> <td>OWC</td><td>742920</td></tr> <tr> <td>Landscaping</td><td>201960</td></tr> </tbody> </table>	Particulars	Expenses till date (In Rs.)	STP	205114	Solar Panel	1000000	OWC	742920	Landscaping	201960
Particulars	Expenses till date (In Rs.)											
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Solar Panel	1000000											
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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	R.G. Area Provided: 2,010.59 sq.m										

		A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. There are 50 nos of tree planted, Different species is selected as per CPCB green belt guidelines and common species available in the proposed area.
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)	
b.	Date of completion (Actual and/ of planned)	30.10.2023
13.	Reasons for the delay if the project is yet to start	---
14.	Dates of site visits	
a.	The date on which the project was monitored by the regional office on previous occasions, if any	---
b.	Date of site visit for this monitoring report	11.10.2022; 19.01.2023
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	<p>EC File no. SIA/MH/MIS/127655/2019 dated 08.07.2020.</p> <ul style="list-style-type: none"> Ground Floor, Yashwant Apartment, Near Kalwa Swimming Pool, Manisha Nagar Gate No. 2, Kalwa, Thane - 400605

COMPLIANCE REPORT

Developer

M/s. Sunita Enterprises ' Keshav Heights'

**Plot bearing CTS NO. 479A (GUT NO.26), 480 A, B (GUT NO.28/1); 488 A, B, C, D, E
(GUT NO,32), 492 (GUT NO. 33),487 A (pt), B, C, D, (GUT NO. 6316), 485 A (pt)-, B (OLD
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Taluka & District-Thane**

COMPLIANCE REPORT

TERMS & CONDITIONS

Specific Conditions -

1.	PP to ensure that STP to be kept open minimum upto 40%. The discharge of treated sewage to be reduced to 35%.	The proposed STP is on ground level and has natural ventilation, the layout for same is shown below: The discharge of excess treated water is reduced to 35%, we are using 20 KLD of water in the nearby garden reservation.
2.	PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures. PP to ensure that the energy savings from renewable sources shall be minimum 5%.	Condition is noted. Accordingly, an undertaking stating the same is enclosed as Annexure I.
3.	PP to provide green pavers in the RG 2 area to have proper movement of Fire tender.	Green pavers are provided on RG 2 for fire tender movement as shown in the layout to the SEIAA.
4.	PP to resubmit detailed design and drawing of storm water network by considering the invert levels of road side by carrying out Ground truthing.	The revised Storm water drainage layout mentioning therein the corrected invert levels, up to the discharge point with reference to invert level of Municipal roadside storm water drain, after verification of drain sizes was submitted to the SEIAA.
5.	PP to abide conditions of all NOCs issued to the project.	We are agreeable to this condition. Accordingly, an undertaking stating the same is enclosed as Annexure II.
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, if applicable. The planning authority to ensure fulfilment of this condition before granting Commencement Certificates.	Condition is noted and done the needful as per the directions of planning authority.
7.	PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.	CER letter ack. Copy from Thane Municipal Corporation attached as Annexure III.
8.	PP to ensure that CER plan gets approved from Municipal Commissioner	Condition is noted.

9.	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.
10.	SEIAA after deliberation decided to grant Environment Clearance for- SEIAA decided to grant EC for— FSI: 21,159.26 m ² , Non-FSI: 7,125.81m ² and Total BUA: 28,285.07 m ² (Plan Approval no- TMC/TDD/29/5831 dated 17.03.2020).	Yes, we received the EC for 21,159.26 m ² , Non-FSI: 7,125.81m ² and Total BUA: 28,285.07 m ² .

General Conditions : -

1.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	If E-waste is generated than it will be managed as per E-Waste Management Rules, 2016. It will be handed over to authorized vendor.
2.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted.
3.	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 imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Condition is noted.
4.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Condition is noted.
5.	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	The height, construction built up area of project is accordance with the approved plan and as per DCR. The development is being carried out as per local planning authority.

6.	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	<p>Received Consent to Establish from MPCB.</p> <ul style="list-style-type: none"> Consent No. Format 1.0/BO/JD(WPC)/UAN No. 0000086387/CE/CC-2007001017 dated 15.07.2020. <p>Received Consent to Operate (full) from MPCB –</p> <ul style="list-style-type: none"> Format1.0/CC/UAN No.0000165544 /CO/2306001739 dated 22.06.2023. <p>Copies enclosed.</p>
7.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	The adequate numbers of toilets for Labour, provision of potable water etc. to maintain sanitary and hygienic measures are taken.
8.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	<p>The adequate drinking water facility is provided for the workers at the site during construction phase.</p> <p>Toilets are provided for construction workers.</p> <p>Bins are provided to dispose the municipal solid waste generated from labour camps.</p>
9.	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	<p>The solid waste generated is properly collected and segregated and also being stored separately in two bin system.</p> <p>Biodegradable Waste of operation phase is processed in OWC and manure so obtained are be used for landscaping.</p> <p>Non-biodegradable Waste are managed through recyclers.</p>
10.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	All construction waste gets collected and segregated properly. Most of that is reused for the construction activity. Muck is dried before its final disposal.
11.	Arrangement shall be made that waste water and storm water do not get mixed.	The separate confined sewage system has been proposed which is connected to STP for the treatment and reuse of the treated water. Excess treated water is been disposed off into the sewer drain. Strom water drain shall be in covered drain system and will be connected to municipal drain.

12.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	The excavated Top soil is used for landscaping from time to time.
13.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	The cut & fill will be minimum to the extent possible. The cut & fill is accordance with the natural contour and is been maintained in such a way that the natural drainage will not disturb.
14.	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 proposed is 2,010.59 m². Accordingly, same will be provide as per approved plan. • A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. • There are 50 nos. of tree planted • Plantation Details: Species is selected as per CPCB greenbelt guidelines and common species available in the proposed area.
15.	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.	The soil testing was done and according to the reports all the parameters are within the prescribed norms.
16.	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.	<p>There is no generation of hazardous waste at site. Proper care would be taken following the norms to handle and use the bituminous and other hazardous material at site.</p> <p>Also silt traps and other measures such as additional on-site is constructed to control surface Run-off.</p>
17.	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	The used oil would be generated from the site, is disposed through Authorized vendor of MPCB.
18.	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 DG set installation is as per specifications & meeting CPCB norms.
19.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority	The diesel required for the operation phase is been stored as per the provision of petroleum

	shall be taken.	act.
20.	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.	The PUC checked/authorized vehicles are allowed on the site for transfer of material.
21.	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 are taken regarding noise levels with conformation to the residential area.</p> <ol style="list-style-type: none"> 1. Earth moving equipment's creating less Noise pollution will be used. 2. Noise shields near the heavy construction operations are provided. 3. Construction activities are limited to daytime hours only. 4. Site is barricaded from all sides. <p>Also, use of Personal Protective Equipment (PPE) like ear muffs and ear plug during construction activities.</p> <p>The ambient air and noise report is enclosed herewith. The report indicates that the same are within the prescribed norms defined by the concern authority.</p>
22.	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).	Yes, Ready mixed concrete added with fly ash is being used in the construction.
23.	Ready mixed concrete must be used in building construction.	Yes, Ready mixed concrete added with fly ash is being used in the construction.
24.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	<p>The Rainwater from terraces and other open area will be diverted to recharge pits for ground water recharge. The system shall be laid at appropriate time.</p> <p>Capacity of RWH storage tanks: 118 KLD.</p> <p>Nos. of RWH tanks: 2 Nos.</p> <p>There is no extraction of ground water in this project.</p>

25.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Ready mix concrete is being used to reduce water demand during construction.
26.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	There is no extraction of ground water in this project. The ground water levels and its quality are checked before commencement of the project. The copy of the same is enclosed herewith.
27.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	STP with 225 KLD capacity is provided. Construction and installation of STP is carried out through expert consultant. Treated water is used for the flushing and Gardening, Landscaping and Green belt area development. After the satisfactory completion of the work, the installation is certified from independent expert agency and report in this regard is submitted to the Ministry of Environment, Forest and Climate Change before the project is commissioned for operation.
28.	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.	PP reported that they did not drawing any water from ground. We use only Tanker water for construction.
29.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	PP reported that water is separated by the use of dual plumbing line.
30.	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.
31.	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.	Glazing area are maintained below 40% of the façade area for the residential buildings.
32.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	<ul style="list-style-type: none"> • Roof insulation 50 mm expanded polystyrene or equivalent insulation. • Heat reflective double-glazed glass provided on external façade for the residential buildings.

33.	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	A separate energy conservation report attached with this report.
34.	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.	<ul style="list-style-type: none"> • D.G. sets are provided as back up for alternative electrical supply to Residential & Commercial buildings. • 2 Nos. of D.G. sets : 1 X 750 kVA & 1 X 160 kVA each are provided with silencer & acoustic enclosures. The stacks are provided as per MPCB norms.
35.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	<p>Noise level monitoring is carried out regularly as per requirement. The noise levels measures are within the prescribed limits for day and night time.</p> <p>Monitoring report of noise levels attached.</p>
36.	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.	<ul style="list-style-type: none"> • 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". • Anti-honking sign boards are placed in the parking areas and on entry and exit point. The project will be provided with sufficient

		<p>road facilities within the project premises and there will be a large area provided for the parking of vehicles.</p> <ul style="list-style-type: none"> • Parking Details: <p>2- Wheelers: 173 nos.</p> <p>4-Wheelers: 247 nos.</p>
37.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Opaque wall meet prescriptive requirement as per draft Energy Conservation Building Code by use of appropriate thermal insulation material to fulfill requirement.
38.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The building has adequate distance to allow movement of fresh air and natural light, Ventilation.
39.	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.	Regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
40.	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.	For undertaking the construction work, Environmental Clearance is already obtained. EC received date 08 th July, 2020 (SIA/MH/MIS/127655/2019) for the total construction area of 28,285.07 sq.m.
41.	Six monthly monitoring reports should be submitted to the Regional office MoEF, Nagpur with copy to this department and MPCB.	We are regularly submitting six monthly reports to Environment Department, Mantralaya & MPCB.
42.	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.	The provisions of STP, MSW disposal facility & Green Belt development will be completed before getting the Occupation certificate.
43.	Wet garbage should be treated by Organic	Wet garbage is treated by Organic Waste

	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.	Converter with curing system and manure shall be used for gardening.
44.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	No occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
45.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	A complete set of all the documents are submitted to the MPCB.
46.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Condition is noted.
47.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate environment management cell with qualified staff is formed and implementing the same.
48.	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 and year-wise expenditure should reported to the MPCB & this department.	EMP cost has been worked out and allocated for all air pollution devices and other facilities.
49.	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://ec.maharashtra.gov.in .	The advertisement is published in Marathi and English language local newspaper. In Marathi newspaper 'Navshakti' dtd. 07.08.2020 & in English newspaper 'The Free Press Journal' dtd. 07.08.2020 Respectively. Xerox copies of same are enclosed for your ready reference.
50.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1 st December of each calendar year.	We are regularly submitting six monthly reports to Environment Department, Mantralaya & MPCB.

51.	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.	Yes, the condition is noted & agreeable to the same.
52.	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.	Regular monitoring is been carried out and the results of the same are submitted to concern authority along with the report.
53.	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.	We are regularly submitting six monthly reports to Environment Department, Mantralaya & MPCB.
54.	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.
1.	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	Condition is noted.

	proponent in the case filed against him, if any or action initiated under EP Act.	
2.	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.	Yes, condition is noted & agreeable to the same.
3.	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.	Yes, condition is noted & agreeable to the same.
4.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.	Yes, condition is noted & agreeable to the same.
5.	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.	Yes, condition is noted & agreeable to the same.
6.	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.	Yes, condition is noted & agreeable to the same.
7.	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Yes, condition is noted & agreeable to the same.

ENERGY CONSERVATION MEASURES

Developer

M/s. Sunita Enterprises ' Keshav Heights'

**Plot bearing CTS NO. 479A (GUT NO.26), 480 A, B (GUT NO.28/1); 488 A, B, C, D, E
(GUT NO,32), 492 (GUT NO. 33),487 A (pt), B, C, D, (GUT NO. 6316), 485 A (pt)·, B (OLD
GUT NO. 631B, NEW GUT NO. 63/7), 491 (pt) (GUT N0.34/3/3C) at village Parsik,
Taluka & District-Thane**

ENERGY CONSERVATION MEASURES

Energy saving measures:

The following Energy Conservation Methods are proposed in the project:

- Solar PV will be provided for common lighting.
- Auto timer control for external and common lightening.
- Use of LED lamps in all public/ common areas
- Efficient motors & pumping system, Efficient lifts
- Roof, wall & glass U value to meet energy performance criteria.

Energy saving Calculations							
Sr No.	Description	Demand Load	Energy Consumed by conventional way	Energy Consumed by energy saving devices	energy saving	% saving	Remark
		kW	KWH/Day	KWH/Day	KWH/Day		
1	Residential Load						
1.1	Internal lights	129.20	1133	1081.32	51.68	40%	T5, 28 W Tubelights
1.2	Air conditioner	1736.00	8680.00	7378.00	1302	15%	Advanced 5 star rated AC
1.4	Kitchen appliance	243.50	5844	4967.4	876.6	15%	Advanced 5 star rated Fridge
		584.40	1753.20	1490.22	262.98	15%	Advanced 5 star rated Microwave
Total saving in residential load in kWh			17410.2	14916.94	2493.26	14%	
2	Common Load						
2.1	Common Area lights	12.38	161.00	0.00	161.00	100%	Using sloar PV panels
2.2	External area lights	7.09	92.17	0.00	92.17	100%	Using sloar PV panels
2.3	Parking lights	1.37	17.81	0.00	17.81	100%	Using sloar PV panels
	Total saving in Common load		270.98	0.00	270.98	100%	
3	Infrastructure						

3.1	Lift Load	141.72	1842.00	1658	184.00	10%	Energy efficient lift
3.2	Geyser Load	1461.00	730.50	0	730.50	100%	Using solar water heater
3.3	Other Electric load	11.90	154.70	131.43	23.27	15%	Considered fitness centre here
3.4	Water Pump Load	126.82	887.74	710.5	177.24	20%	Energy efficient multispeed pump & Motor with premium efficiency of 90%
	Total saving in infrastructure		3614.94	2499.93	1115.01	31%	
	Grand total		21296.12	17416.87	3879.25	18%	Average saving in residential units & common area
	Energy saving using solar system(sr.no. 2 + 3.2)		21296.12	0.00	1001.48	5%	Average saving in residential units & common area using renewable energy only

HALF YEARLY POST ENVIRONMENTAL MONITORING REPORT

OF

RESIDENTIAL PROJECT "KESHAV HEIGHTS"

For

October, 2022 – March, 2023

Developer

M/s. Sunita Enterprises

**Plot bearing CTS NO. 479A (GUT NO.26), 480 A, B (GUT NO.28/1); 488 A, B, C, D, E
(GUT NO.32), 492 (GUT NO. 33), 487 A (pt), B, C, D, (GUT NO. 6316), 485 A (pt)·, B (OLD
GUT NO. 631B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parsik,
Taluka & District-Thane**

Prepared by

ENVIRO ANALYSTS & ENGINEERS P. LTD.,

Water Sample Analysis Report

Report No - EAEPL/W/10/22/01151B			Report Date - 19.10.2022
Name of Customer	M/S. SUNITA ENTERPRISES		Reference - VERBAL
Site Address	'Keshav Heights" Plot Bearing CTS No. 479A (Gut No. 26), 480 A,B (Gut No. 28/1), 488 A,B,C,D,E (Gut No. 32), 492 (Gut No. 33), 487 A(pt), B,C,D (Gut No. 63/6), 485 A(pt), B (Old Gut No. 63/B, Nee Gut No. 63/7), 491(pt) (Gut No. 34/3/3C), Village Parsik, Tal. & Dist. - Thane		
Nature and Description of Sample	TMC Water Sample	Sample Collected by	
Sampling locations and Sample Code	EAEPL/W/10/22/01151B (Near Sales Office)	Sample quantity and packing	2 L X 1 No. PVC Can.
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	11.10.2022	Date of Receipt	12.10.2022
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	12.10.2022 to 19.10.2022		
Report for the month	October, 2022		

Discipline: Chemical

Group: Water

Parameters	Unit	Result	IS 10500:2012 Limits		Method
			Acceptable Limit	Permissible Limit	
pH	-	7.18	6.5-8.5	No Relaxation	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	154.00	500	2000	IS 3025 (Part 16) (1984) Reaffirmed 2017
Turbidity	NTU	< 1.00	1	5	IS 3025 (Part 10) (1984) Reaffirmed 2017
Chlorides as Cl	mg / l	36.46	250	1000	IS 3025 (Part 32) (1988) Reaffirmed 2019
Total Hardness	mg / l	96.98	200	600	IS 3025 (Part 21) (2009) Reaffirmed 2019
Calcium	mg / l	19.24	75	200	IS 3025 (Part 40) (1991) Reaffirmed 2019
Residual chlorine	mg / l	ND	0.20	1	IS 3025 (Part 26) 2021
Alkalinity	mg / l	73.59	200	600	IS 3025 (Part 23) (1986) Reaffirmed 2019
Sulphate	mg / l	ND	200	400	IS 3025 (Part 24) Sec1:2022
Nitrate	mg / l	ND	45	No Relaxation	APHA 4500 NO ₃ - B (23 rd Edition)
Fluoride	mg / l	ND	1	1.5	APHA 4500 F-D (23 rd Edition)
Heavy Metals					
Iron (Fe)	mg / l	ND	0.3	No Relaxation	IS 3025 (Part 2) 2019
Copper (Cu)	mg / l	ND	0.05	1.5	IS 3025 (Part 2) 2019
Lead (Pb)	mg / l	ND	0.01	No Relaxation	IS 3025 (Part 2) 2019
Chromium (Cr)	mg / l	ND	0.05	No Relaxation	IS 3025 (Part 2) 2019
Zinc (Zn)	mg / l	ND	5	15	IS 3025 (Part 2) 2019

Note: ND - Not Detected

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

Water Sample Analysis Report

Report No - EAEPL/W/10/22/01051B			Report Date - 19.10.2022
Name of Customer	M/S. SUNITA ENTERPRISES		
Site Address	'Keshav Heights' Plot Bearing CTS No. 479A (Gut No. 26), 480 A,B (Gut No. 28/1), 488 A,B,C,D,E (Gut No. 32), 492 (Gut No. 33), 487 A(pt), B,C,D (Gut No. 63/6), 485 A(pt), B (Old Gut No. 63/B, Nee Gut No. 63/7), 491(pt) (Gut No. 34/3/3C), Village Parsik, Tal. & Dist. - Thane		
Nature and Description of Sample	TMC Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/10/22/01051B (Near Sales Office)	Sample quantity and packing	250ml X 1 No. St. PP Bottle
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	11.10.2022	Date of Receipt	12.10.2022
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	12.10.2022 to 19.10.2022		
Report for the month	October, 2022		

Discipline: Biological

Group: Water

Parameters	Unit	Result	IS 10500:2012 Limits	Method
			Requirements	
Microbiological Analysis				
Coliforms	/100ml	Absent	Shall not be detectable in any 100ml sample	IS 15185:2016 Reaffirmed (2021)
E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	IS 15185:2016 Reaffirmed (2021)

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,


 Authorized Signatory
 (Shweta Sonawane)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Ambient Air Quality Monitoring Report

Report No - EAEPL/A/10/22/01051A			Report Date – 19.10.2022
Name of Customer	M/S. SUNITA ENTERPRISES		Reference – VERBAL
Site Address	'Keshav Heights" Plot Bearing CTS No. 479A (Gut No. 26), 480 A,B (Gut No. 28/1), 488 A,B,C,D,E (Gut No. 32), 492 (Gut No. 33), 487 A(pt), B,C,D (Gut No. 63/6), 485 A(pt), B (Old Gut No. 63/B, Nee Gut No. 63/7), 491(pt) (Gut No. 34/3/3C), Village Parsik, Tal. & Dist. - Thane		
Nature and Description of Sample	Ambient Air	Sample Collected by	
Sampling locations and Sample Code	EAEPL/A/10/22/01051A (Near Sales Office Area)	Sample quantity and packing	PM ₁₀ = 1 * 1 No. Filter paper. PM _{2.5} = 1 * 1 No. Filter paper. SO _x = 30ml * 2 No. PVC bottle. NO _x = 30ml * 2 No. PVC bottle.
		Preservation	Filter papers – Transported and stored in desiccator. PVC bottles - Transported and stored at 5°C (±1 °C).
Date of Sampling	11.10.2022	Date of Receipt	12.10.2022
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	12.10.2022 to 19.10.2022		
Report for the month	October, 2022		

Discipline: Chemical

Group: Atmospheric Pollution

Environmental Conditions			
Ambient Temperature (°C)		Relative Humidity (%)	Duration of Monitoring
29°C		71 %	8 Hours
RESULTS			
Tests Parameter	Results	NAAQS LIMITS	METHOD
R.S.P.M (PM ₁₀) (µg/m³)	72.95	100 µg/m³	IS 5182 (Part 23) 2006 Reaffirmed 2017
R.S.P.M (PM _{2.5}) (µg/m³)	28.75	60 µg/m³	IS 5182 (Part 24) 2019
SO ₂ (µg/m³)	21.53	80 µg/m³	IS 5182 Part-2 (2001) Reaffirmed 2017
NO _x (µg/m³)	24.70	80 µg/m³	IS 5182 Part-6 (2006) Reaffirmed 2017

Remark: All the measured values are within NAAQS limits.

-End-

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

Ambient Noise Level Monitoring Report

Report No - EAEPL/N/10/22/01051D			Report Date - 19.10.2022
Name of Customer	M/S. SUNITA ENTERPRISES		
Site Address	'Keshav Heights" Plot Bearing CTS No. 479A (Gut No. 26), 480 A,B (Gut No. 28/1), 488 A,B,C,D,E (Gut No. 32), 492 (Gut No. 33), 487 A(pt), B,C,D (Gut No. 63/6), 485 A(pt), B (Old Gut No. 63/B, Nee Gut No. 63/7), 491(pt) (Gut No. 34/3/3C), Village Parsik, Tal. & Dist. - Thane		
Nature and Description of Sample	Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/10/22/01051D	Sample quantity and packing	Not Applicable
Date of Sampling	11.10.2022	Date of Receipt	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	October, 2022		

Discipline: Chemical

Group: Atmospheric Pollution

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Sales Office Area	dB(A) Leq.	54.6	41.8	55	45
Near Main Gate of site	dB(A) Leq.	54.7	44.4	55	45
Near Back Side of Site	dB(A) Leq.	53.1	42.7	55	45
Near Centre Side of Site	dB(A) Leq.	54.3	43.8	55	45

Remark: The noise level was observed to be within CPCB limit at all locations.

-----End-----

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,


 Authorized Signatory
 (Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Soil Sample Analysis Report

Report No - EAEPL/S/10/22/01051C			Report Date – 19.10.2022
Name of Customer	M/S. SUNITA ENTERPRISES		Reference – VERBAL
Site Address	Plot RH-1, Residential Zone, Industrial Zone, Ambernath (E)		
Nature and Description of Sample	Soil	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/S/10/22/01051C (Near Centreside of Site)	Sample quantity and packing	500 gm X 1 zip lock bag
		Preservation	Transported & stored in dry area
Date of Sampling	11.10.2022	Date of Receipt	12.10.2022
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	12.10.2022 to 19.10.2022		
Report for the month	October, 2022		

Discipline: Chemical
Group: Soil & Rock

Parameters	Unit	Results	Methods
pH	-	7.93	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	360.14	IS 14767:2000, Reaffirmed:2021
Soil Moisture	%	14.02	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	36.29	EAEPL/LAB/SOP/SOIL/10
Total Kjeldhal Nitrogen	mg/kg	855.89	IS 14684:1999 (Reaffirmed 2019)
Organic Matter	%	1.70	IS 2720 (Part 22) - 1972 (Reaffirmed 2020)
Chlorides	mg/kg	95.94	EAEPL/LAB/SOP/SOIL/03
Calcium	mg/kg	2462.72	EPA 9080
Magnesium	mg/kg	94.99	EPA 9080
Sulphate	mg/kg	28.35	IS 2720 (Part 27):1977 (Reaffirmed 2020)
Available Phosphorus	mg/kg	1.61	EAEPL/LAB/SOP/SOIL/11
Sodium (Na)	mg/kg	2976.56	EPA 3050B
Potassium (K)	mg/kg	2824.41	EPA 3050B
Heavy Metals:			
Copper(cu)	mg/kg	102.10	EPA 3050B
Iron (Fe)	mg/kg	77336.31	EPA 3050B
Lead (Pb)	mg/kg	86.30	EPA 3050B
Zinc (Zn)	mg/kg	154.25	EPA 3050B

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

Water Sample Analysis Report

Report No - EAEPL/W/01/23/00066B			Report Date - 27.01.2023
Name of Customer	M/S. SUNITA ENTERPRISES		
Site Address	'Keshav Heights' Plot Bearing CTS No. 479A (Gut No. 26), 480 A,B (Gut No. 28/1), 488 A,B,C,D,E (Gut No. 32), 492 (Gut No. 33), 487 A(pt), B,C,D (Gut No. 63/6), 485 A(pt), B (Old Gut No. 63/B, Nee Gut No. 63/7), 491(pt) (Gut No. 34/3/3C), Village Parsik, Tal. & Dist. - Thane		
Nature and Description of Sample	TMC Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/01/23/00066B (Near Sales Office)	Sample quantity and packing	2 L X 1 No. PVC Can.
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	19.01.2023	Date of Receipt	20.01.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	20.01.2023 to 27.01.2023		
Report for the month	January, 2023		

Discipline: Chemical

Group: Water

Parameters	Unit	Result	IS 10500:2012 Limits		Method
			Acceptable Limit	Permissible Limit	
pH	-	7.36	6.5-8.5	No Relaxation	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	168.00	500	2000	IS 3025 (Part 16) (1984) Reaffirmed 2017
Turbidity	NTU	< 1.00	1	5	IS 3025 (Part 10) (1984) Reaffirmed 2017
Chlorides as Cl	mg / l	27.06	250	1000	IS 3025 (Part 32) (1988) Reaffirmed 2019
Total Hardness	mg / l	107.57	200	600	IS 3025 (Part 21) (2009) Reaffirmed 2019
Calcium	mg / l	20.04	75	200	IS 3025 (Part 40) (1991) Reaffirmed 2019
Residual chlorine	mg / l	ND	0.20	1	IS 3025 (Part 26) 2021
Alkalinity	mg / l	72.50	200	600	IS 3025 (Part 23) (1986) Reaffirmed 2019
Sulphate	mg / l	ND	200	400	IS 3025 (Part 24) Sec1:2022
Nitrate	mg / l	ND	45	No Relaxation	APHA 4500 NO ₃ - B (23 rd Edition)
Fluoride	mg / l	ND	1	1.5	APHA 4500 F-D (23 rd Edition)
Heavy Metals					
Iron (Fe)	mg / l	ND	0.3	No Relaxation	IS 3025 (Part 2) 2019
Copper (Cu)	mg / l	ND	0.05	1.5	IS 3025 (Part 2) 2019
Lead (Pb)	mg / l	ND	0.01	No Relaxation	IS 3025 (Part 2) 2019
Chromium (Cr)	mg / l	ND	0.05	No Relaxation	IS 3025 (Part 2) 2019
Zinc (Zn)	mg / l	ND	5	15	IS 3025 (Part 2) 2019

Note: ND - Not Detected

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).

2. This report is not to be reproduced except in full, without written approval of the laboratory.

Water Sample Analysis Report

Report No - EAEPL/W/01/23/00066B			Report Date – 27.01.2023
Name of Customer	M/S. SUNITA ENTERPRISES		Reference – VERBAL
Site Address	'Keshav Heights" Plot Bearing CTS No. 479A (Gut No. 26), 480 A,B (Gut No. 28/1), 488 A,B,C,D,E (Gut No. 32), 492 (Gut No. 33), 487 A(pt), B,C,D (Gut No. 63/6), 485 A(pt), B (Old Gut No. 63/B, Nee Gut No. 63/7), 491(pt) (Gut No. 34/3/3C), Village Parsik, Tal. & Dist. - Thane		
Nature and Description of Sample	TMC Water Sample	Sample Collected by	
Sampling locations and Sample Code	EAEPL/W/01/23/00066B (Near Sales Office)	Sample quantity and packing	250ml X 1 No. St. PP Bottle
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	19.01.2023	Date of Receipt	20.01.2023
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	20.01.2023 to 27.01.2023		
Report for the month	January, 2023		

Discipline: Biological

Group: Water

Parameters	Unit	Result	IS 10500:2012 Limits	Method
			Requirements	
Microbiological Analysis				
Coliforms	/100ml	Absent	Shall not be detectable in any 100ml sample	IS 15185:2016 Reaffirmed (2021)
E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	IS 15185:2016 Reaffirmed (2021)

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shweta Sonawane)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

Ambient Air Quality Monitoring Report

Report No - EAEPL/A/01/23/00066A			Report Date – 27.01.2023
Name of Customer	M/S. SUNITA ENTERPRISES		Reference – VERBAL
Site Address	'Keshav Heights" Plot Bearing CTS No. 479A (Gut No. 26), 480 A,B (Gut No. 28/1), 488 A,B,C,D,E (Gut No. 32), 492 (Gut No. 33), 487 A(pt), B,C,D (Gut No. 63/6), 485 A(pt), B (Old Gut No. 63/B, Nee Gut No. 63/7), 491(pt) (Gut No. 34/3/3C), Village Parsik, Tal. & Dist. - Thane		
Nature and Description of Sample	Ambient Air	Sample Collected by	
Sampling locations and Sample Code	EAEPL/A/01/23/00066A (Near Sales Office Area)	Sample quantity and packing	PM ₁₀ = 1 * 1 No. Filter paper. PM _{2.5} = 1 * 1 No. Filter paper. SO _x = 30ml * 2 No. PVC bottle. NO _x = 30ml * 2 No. PVC bottle.
		Preservation	Filter papers – Transported and stored in desiccator. PVC bottles - Transported and stored at 5°C (±1 °C).
Date of Sampling	19.01.2023	Date of Receipt	20.01.2023
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	20.01.2023 to 27.01.2023		
Report for the month	January, 2023		

Discipline: Chemical

Group: Atmospheric Pollution

Environmental Conditions			
Ambient Temperature (°C)		Relative Humidity (%)	Duration of Monitoring
31°C		68 %	8 Hours
RESULTS			
Tests Parameter	Results	NAAQS LIMITS	METHOD
R.S.P.M (PM ₁₀) (µg/m³)	84.32	100 µg/m³	IS 5182 (Part 23) 2006 Reaffirmed 2017
R.S.P.M (PM _{2.5}) (µg/m³)	34.18	60 µg/m³	IS 5182 (Part 24) 2019
SO ₂ (µg/m³)	20.69	80 µg/m³	IS 5182 Part-2 (2001) Reaffirmed 2017
NO _x (µg/m³)	23.84	80 µg/m³	IS 5182 Part-6 (2006) Reaffirmed 2017

Remark: All the measured values are within NAAQS limits.

End

For M/s ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).

2. This report is not to be reproduced except in full, without written approval of the laboratory.

Ambient Noise Level Monitoring Report

Report No - EAEPL/N/01/23/00066D			Report Date – 27.01.2023
Name of Customer	M/S. SUNITA ENTERPRISES		
Site Address	'Keshav Heights" Plot Bearing CTS No. 479A (Gut No. 26), 480 A,B (Gut No. 28/1), 488 A,B,C,D,E (Gut No. 32), 492 (Gut No. 33), 487 A(pt), B,C,D (Gut No. 63/6), 485 A(pt), B (Old Gut No. 63/B, Nee Gut No. 63/7), 491(pt) (Gut No. 34/3/3C), Village Parsik, Tal. & Dist. - Thane		Reference – VERBAL
Nature and Description of Sample	Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/01/23/00066D	Sample quantity and packing	Not Applicable
Date of Sampling	19.01.2023	Date of Receipt	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	January, 2023		

Discipline: Chemical

Group: Atmospheric Pollution

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Sales Office Area	dB(A) Leq.	54.8	44.2	55	45
Near Main Gate of site	dB(A) Leq.	53.3	44.8	55	45
Near Back Side of Site	dB(A) Leq.	53.3	42.8	55	45
Near Centre Side of Site	dB(A) Leq.	54.7	43.7	55	45

Remark: The noise level was observed to be within CPCB limit at all locations.

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Soil Sample Analysis Report

Report No - EAEPL/S/01/23/00066C			Report Date – 27.01.2023
Name of Customer	M/S. SUNITA ENTERPRISES		Reference – VERBAL
Site Address	Plot RH-1, Residential Zone, Industrial Zone, Ambarnath (E)		
Nature and Description of Sample	Soil	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/S/01/23/00066C (Near Centreside of Site)	Sample quantity and packing	500 gm X 1 zip lock bag
		Preservation	Transported & stored in dry area
Date of Sampling	19.01.2023	Date of Receipt	20.01.2023
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	20.01.2023 to 27.01.2023		
Report for the month	January, 2023		

Discipline: Chemical
Group: Soil & Rock

Parameters	Unit	Results	Methods
pH	-	7.41	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	353.19	IS 14767:2000, Reaffirmed:2021
Soil Moisture	%	16.33	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	35.91	EAEPL/LAB/SOP/SOIL/10
Total Kjeldhal Nitrogen	mg/kg	860.19	IS 14684:1999 (Reaffirmed 2019)
Organic Matter	%	1.83	IS 2720 (Part 22) - 1972 (Reaffirmed 2020)
Chlorides	mg/kg	86.77	EAEPL/LAB/SOP/SOIL/03
Calcium	mg/kg	2285.60	EPA 9080
Magnesium	mg/kg	95.76	EPA 9080
Sulphate	mg/kg	26.89	IS 2720 (Part 27):1977 (Reaffirmed 2020)
Available Phosphorus	mg/kg	1.94	EAEPL/LAB/SOP/SOIL/11
Sodium (Na)	mg/kg	2231.69	EPA 3050B
Potassium (K)	mg/kg	2056.24	EPA 3050B
Heavy Metals:			
Copper(cu)	mg/kg	114.40	EPA 3050B
Iron (Fe)	mg/kg	68519.34	EPA 3050B
Lead (Pb)	mg/kg	18.32	EPA 3050B
Zinc (Zn)	mg/kg	94.32	EPA 3050B

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/127655/2019
Environment Department
Room No. 217, 2nd Floor,
Mantralaya,
Mumbai- 400032.
Date: 08.07.2020.

To
M/s Sunita Enterprises,
CTS NO. 479A (GUT NO.26), 480 A,B (GUT NO.28/1),
488 A,B,C,D,E (GUT NO.32), 492 (GUT NO.33),487 A (pt),
B,C,D,(GUT NO.63/6), 485 A (pt), B (OLD GUT NO. 63/B,
NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C),
Village Parsik, Taluka & District – Thane

Subject : Environment Clearance Environment Clearance for Bldg. proposal
“KESHAV HEIGHT” at Plot bearing CTS NO. 479A (GUT NO.26), 480 A,B
(GUT NO.28/1), 488 A,B,C,D,E (GUT NO.32), 492 (GUT NO.33),487 A (pt),
B,C,D,(GUT NO.63/6), 485 A (pt), B (OLD GUT NO. 63/B, NEW GUT NO.
63/7), 491 (pt) (GUT NO.34/3/3C) at village Parsik, Taluka & District – Thane
By M/s Sunita Enterprises.

Reference : Application no. SIA/MH/MIS/127655/2019

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-2 in its 134th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 201st meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

1.	Plot area	19678.37 Sq.m.																					
2.	FSI	21159.26 Sq.m.																					
3.	Non FSI	7125.81 Sq.m.																					
4.	Total Built up area	28285.07 sq m																					
5.	Building configuration	<table><tr><th>Building name</th><th>Building Configuration</th><th>Building height</th></tr><tr><td>Building A1</td><td>Stilt + 13 Floors</td><td>40.54</td></tr><tr><td>Building A</td><td>Stilt + 7 Floors</td><td>23.77</td></tr><tr><td>Building D</td><td>Stilt / Ground + 2 Floors</td><td>8.55</td></tr><tr><td>Building A2</td><td>Stilt + 13 Floors</td><td>40.54</td></tr><tr><td>Building C</td><td>Ground & Stilt part + 22 Floors</td><td>69.15</td></tr><tr><td>Building E</td><td>Stilt / Ground + 7 Floors</td><td>23.77</td></tr></table>	Building name	Building Configuration	Building height	Building A1	Stilt + 13 Floors	40.54	Building A	Stilt + 7 Floors	23.77	Building D	Stilt / Ground + 2 Floors	8.55	Building A2	Stilt + 13 Floors	40.54	Building C	Ground & Stilt part + 22 Floors	69.15	Building E	Stilt / Ground + 7 Floors	23.77
Building name	Building Configuration	Building height																					
Building A1	Stilt + 13 Floors	40.54																					
Building A	Stilt + 7 Floors	23.77																					
Building D	Stilt / Ground + 2 Floors	8.55																					
Building A2	Stilt + 13 Floors	40.54																					
Building C	Ground & Stilt part + 22 Floors	69.15																					
Building E	Stilt / Ground + 7 Floors	23.77																					
6.	Total residential tenements	Residential Units: 344 nos. Shops: 12 nos.																					
7.	Total population	Residential population: 1720 nos. Shops population: 96 nos.																					
8.	Water requirement	254 KLD																					
9.	Sewage Generation	222 KLD																					

10.	STP Capacity & Technology	225 KLD
11.	STP location	Ground floor
12.	RG area required & provided – mother earth & podium	Required RG area: 1,974.93 sqm Proposed RG area: 2010.59 sqm
13.	Energy requirement	Connected load: 1918.60 kW Demand load: 1156.74 kW
14.	Energy saving total By solar	18 % 5%
15.	No. of DG set & capacities	1 No of 750 kVA. & 1 No of 160 kVA
16.	Total Solid waste	883 kg/day
	Bio- degradable generation	525 kg/day
	Non- Biodegradable	358 kg/day
17.	OWC capacities	1 no. – OWC 300
18.	Parking	Proposed parking- 2w: 173 no's, 4W: 247 no's
19.	EMP cost	-
20.	Rain water harvesting	2 nos. of RWH tanks. Total Capacity of RWH Tank: 118.00 Cum.
21.	No. of pits & size of pits	-
22.	Details of UG tanks & no. of capacity	Total capacity of UG Tanks: Domestic Tank – 105 Cum Flushing Tank – 50 Cum Fire Tank - 350 cum Commercial Tank - 3.00 cum
23.	CER	2.04 Cr

3. The proposal has been considered by SEIAA in its 201st meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

- i. PP to ensure that STP to be kept open minimum upto 40%.The discharge of treated sewage to be reduced to 35% .
- ii. PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures. PP to ensure that the energy savings from renewable sources shall be minimum 5%.
- iii. PP to provide green pavers in the RG 2 area to have proper movement of Fire tender,
- iv. PP to resubmit detailed design and drawing of storm water network by considering the invert levels of road side by carrying out Ground truthing.
- v. PP to abide conditions of all NoCs issued to the project.
- vi. 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, if applicable. The planning authority to ensure fulfilment of this condition before granting Commencement Certificates.
- vii. PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.
- viii. PP to ensure that CER plan gets approved from Municipal Commissioner.

- ix. 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.
- x. SEIAA decided to grant EC for – FSI: 21,159.26 m2, Non-FSI: 7,125.81 m2 and Total BUA: 28,285.07 m2 (Plan Approval no- TMC/TDD/29/5831 dated 17.03.2020).

General Conditions:

- i. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- ii. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- iii. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- iv. PP has to abide by the conditions stipulated by SEAC& SEIAA.
- v. The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- vi. If applicable "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- vii. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- viii. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- ix. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- x. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- xi. Arrangement shall be made that waste water and storm water do not get mixed.
- xii. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- xiii. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- xiv. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- xv. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- xvi. Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
- xvii. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- xviii. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- xix. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.

- xx. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- xxi. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- xxii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- xxiii. Ready mixed concrete must be used in building construction.
- xxiv. Storm water control and its re-use as per CGWB and BIS standards for various applications.
- xxv. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xxvi. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.³
- xxvii. The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
- xxviii. Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- xxix. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
- xxx. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- xxxi. Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- xxxii. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.
- xxxiii. Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
- xxxiv. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- xxxv. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- xxxvi. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- xxxvii. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-

- air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.
- xxxviii. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- xxxix. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
- xl. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
 - xli. Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
 - xl. 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.
 - xl. 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.
 - xl. Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
 - xl. A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
 - xl. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
 - xl. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
 - xl. 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 and year-wise expenditure should reported to the MPCB & this department.
 - xl. 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>
 - i. 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.
 - ii. 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.
 - iii. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - iii. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
 - iv. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control

Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

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

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

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

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

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

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

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


Anil Diggikar
(Member Secretary, SEIAA)

Copy to:

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

MAHARASHTRA POLLUTION CONTROL BOARD

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



Kalpaturu 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-0000086387/CE/ CC-

Date: 5 / 07 /2020

To

M/s Sunita Enterprises

"Keshav Height" CTS NO. 479A (GUT NO.26),

480 A,B (GUT NO.28/1), 488 A,B,C,D,E (GUT NO.32),

492 (GUT NO.33), 487 A (pt), B,C,D,(GUT NO.63/6),

485 A (pt), B (OLD GUT NO. 63/B, NEW GUT NO. 63/7),

491 (pt) (GUT NO.34/3/3C) Village Parasik Taluka & District - Thane.

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

Ref : Minutes of Consent Committee meeting held on dt: 16/06/2020
Your application MPCB-CONSENT- 0000086387 Dated: 06/01/2020

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. 136 Crs (As per undertaking submitted by project proponent)

Consent to Establish is valid for Construction of Residential building Project named as M/s Sunita Enterprises , Keshav Height" CTS NO. 479A (GUT NO.26), 480 A,B (GUT NO.28/1), 488 A,B,C,D,E (GUT NO.32), 492 (GUT NO.33), 487 A (pt), B,C,D,(GUT NO.63/6), 485 A (pt), B (OLD GUT NO. 63/B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) Village Parasik Taluka & District - Thane For Total plot Area of 19,678.37 Sq.mtrs and Total Construction BUA of 28,285.07 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	222.00	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	750 KVA	1	As Per Schedule -II
2	DG Set	160 KVA	1	As Per Schedule -II



5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Wet garbage	525.00 Kg/Day	OWC	Used as Manure
2	Dry garbage	358 .00 Kg/Day	--	Segregate and Hand over to Local Body for recycling
2	STP Sludge	11 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	2,72000.00	HDFCR52019122661342140	26/12/2019	HDFC Bank

Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Thane-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 Ml	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	238.00

- 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 (160 KVA)	Acoustic enclosure	5.00	HSD	40.00	Ltr /Hr	-	-
2	DG Set (750 KVA)	Acoustic enclosure	5.00	HSD	187.50	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).



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

Maharashtra Pollution Control Board



Schedule-IV

General Conditions:

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

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

MAHARASHTRA POLLUTION CONTROL BOARD

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



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

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000165544/CO/2306001739

Date: 22/06/2023

To,

M/s. Sunita Enterprises "Keshav Height"
CTS NO. 479A (GUT NO.26), 480 A,B (GUT
NO.28/1), 488 A,B,C,D,E (GUT NO.32), 492
(GUT NO.33), 487 A (pt), B,C,D,(GUT
NO.63/6), 485 A (pt), B (OLD GUT NO. 63/B,
NEW GUT NO. 63/7), 491 (pt) (GUT
NO.34/3/3C) Village Parasik Taluka &
District - Thane



Sub: 1st Consent to Operate for Construction Project Granted Under Red Category.

- Ref:**
1. Consent to Establish Granted Vide No. Format1.0/BO/JD(WPC)/UAN No.-086387/CE/CC-2007001017 dtd. 15.07.2020.
 2. Environment Clearance Granted vide No. SIA/MH/MIS/127655/2019 dtd. 08.07.2020.
 3. Minutes of 7th Consent Committee Meeting held on 07.06.2023.

Your application NO. MPCB-CONSENT-0000165544

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The 1st Consent to Operate is granted for a period up to 31.05.2024**
2. **The capital investment of the project is Rs.138.4872 Cr. (As per C.A Certificate submitted by industry).**
3. **The 1 st Consent to Operate is valid for Construction Project named as M/s Sunita Enterprises "Keshav Height" CTS NO. 479A (GUT NO.26), 480 A,B (GUT NO.28/1), 488 A,B,C,D,E (GUT NO.32), 492 (GUT NO.33), 487 A (pt), B,C,D,(GUT NO.63/6), 485 A (pt), B (OLD GUT NO. 63/B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) Village Parasik Taluka & District - Thane on Total Plot Area of 19678.37 SqMtrs for Total construction BUA of 28285.07 SqMtrs as per EC granted dated 08.07.2020 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Consent to Establish Granted dtd. 15.07.2020	19678.37	28285.07
2	Environment Clearance Granted dtd. 08.07.2020	19678.37	28285.07

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

<i>Sr No</i>	<i>Description</i>	<i>Permitted (in CMD)</i>	<i>Standards to</i>	<i>Disposal</i>
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	222	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
S-1	DG Set (750 KVA)	1	As per Schedule -II
S-2	DG Set (160 KVA)	1	As per Schedule -II

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

<i>Sr No</i>	<i>Type Of Waste</i>	<i>Quantity & UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Biodegradable Waste	525 Kg/Day	OWC	Used as Manure
2	Non Biodegradable Waste	358 Kg/Day	Segregation	Segregate & Handed over to Local body
3	STP sludge	11 Kg/Day	Drying	Used as Manure

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

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

- PP shall comply with the conditions stipulated in consent conditions & EC and submit BG of Rs. 10 Lakhs towards compliance of the same.
- PP shall install online monitoring system to the O/L of STP for monitoring pH, Flow, BOD, TSS
- The treated domestic effluent shall be 60 % recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body
- Project Proponent shall operate Organic waste digester with composting facility or Bio-gas digester with composting facility effectively

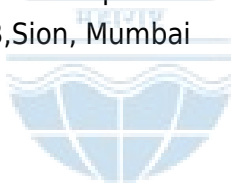
12. Project Proponent shall make provision of charging port for Electric vehicles in at least 30% total available parking area
 13. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of C to O
 14. Project proponent shall comply with the conditions stipulated in Environment Clearance granted by GOM, vide No. SIA/MH/MIS/127655/2019 dtd. 08.07.2020.
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	276975.00	MPCB-DR-17992	24/03/2023	NEFT

Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Thane I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided MBBR based Sewage Treatment Plants (STPs) of combined capacity **225 CMD for treatment of domestic effluent of 222 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	238.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) and to observe the following fuel pattern-

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG SET 750 KVA	Acoustic Enclosure	5.00	HSD 187.5 Ltr/Hr	1	SO ₂	90 Kg/Day
S-2	DG Set 160 KVA	Acoustic Enclosure	5.00	HSD 40 Ltr/Hr	1	SO ₂	19.2 Kg/Day

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

Total Particular matter	Not to exceed	150 mg/Nm ³
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	1st Consent to Operate	Rs. 10 Lakh	15 days	Compliance of consent conditions	31.05.2024	30.09.2024

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

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

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

BG Return details

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

SCHEDULE-IV

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.

- 5 Conditions for D.G. Set
- a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.

ANNEXURE I – LFD UNDERTAKING

© Office : 2637 7338
Telefax : 2541 4552

SUNITA ENTERPRISES

Gc Floor, Yachant Apt., Near Kalwa Swimming Pool, Maratha Nagar Gate No. 2, Kalwa, Thane - 400 605.
Website : www.shreekrupabuilders.com E-mail : shreekrupabuilders@yahoo.com

Date: 23.06.2020

To
The Principal Secretary,
SE16A, Environmental Department,
2nd Floor, Annex Building,
Mansarovar, Mumbai

Subject: Environmental Clearance for building proposal on plot bearing CTS No. 479A/GUT NO.261,480 A,B (GUT N. 28/1,488 A,B,C,D,E)/GUT NO.321,492/GUT No. 33) 487A(p), B,C,D,G, New) at village Parik, Taluka & District - Thane by M/s. Sunita Enterprises

Respected Sir,

We, M/s. Sunita Enterprises on plot bearing CTS No. 479A/GUT NO.261,480 A,B (GUT N. 28/1,488 A,B,C,D,E)/GUT NO.321,492/GUT No. 33) 487A(p), B,C,D,G, New), at village Parik, Taluka & District - Thane, hereby say that, we are agreeable to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures for proposed Wing D.

Thanking You


M/s. Sunita Enterprises

ANNEXURE II –

© Office : 2637 7338
Telefax : 2541 4552

SUNITA ENTERPRISES

Gc Floor, Yachant Apt., Near Kalwa Swimming Pool, Maratha Nagar Gate No. 2, Kalwa, Thane - 400 605.
Website : www.shreekrupabuilders.com E-mail : shreekrupabuilders@yahoo.com

Date: 23.06.2020

To
The Principal Secretary,
SE16A, Environmental Department,
2nd Floor, Annex Building,
Mansarovar, Mumbai

Subject: Environmental Clearance for building proposal on plot bearing CTS No. 479A/GUT NO.261,480 A,B (GUT N. 28/1,488 A,B,C,D,E)/GUT NO.321,492/GUT No. 33) 487A(p), B,C,D,G, New) at village Parik, Taluka & District - Thane by M/s. Sunita Enterprises

Respected Sir,

We, M/s. Sunita Enterprises on plot bearing CTS No. 479A/GUT NO.261,480 A,B (GUT N. 28/1,488 A,B,C,D,E)/GUT NO.321,492/GUT No. 33) 487A(p), B,C,D,G, New), at village Parik, Taluka & District - Thane, hereby give undertaking that, we are agreeable to all conditions of NOCs granted by the different authorities.

Thanking You


M/s. Sunita Enterprises

[illegible]

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Telcel 2241 4882

SUNITA ENTERPRISES

Co. House, Tachewet Apt., River Kofun Swimming Pool, Numbia Nguzi Gite No. 2, Sakub, Thane - 400 140.
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