

## Minakshi Khot

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**From:** Varsha Kalange <varsha@aespl.co.in>  
**Sent:** 31 December 2024 14:52  
**To:** ecompliance-mh@gov.in; ec-rdw.cpcb@gov.in  
**Cc:** sroraigad1@mpcb.gov.in  
**Subject:** EC Compliance for April 2024-September 2024 of [M/s. Caroa Properties Pvt. Ltd. for Proposed Special Residential Township at Village Talegaon, Khalapur Taluka and Village Khanewale, Panvel Taluka, Dist- Raigad, State- Maharashtra]  
**Attachments:** Six Monthly EC Compliance Report Apr 2024-Sep 2024.pdf

[ EXTERNAL MAIL ]

Respected Sir/Madam,

As per MoEF & CC notification vide No. SO 5845(E) Dated-26.11.2018 AND as informed by Central Pollution Control Board, Regional Directorate (West), Vadodara regarding digital transaction of EC Compliance report under Government of India initiatives for promoting e-office through digital transaction of activities, we are submitting herewith six-monthly EC compliance status report for period April 2024-September 2024 of Proposed Special Residential Township at Village Talegaon, Khalapur Taluka and Village Khanewale, Panvel Taluka, Dist- Raigad, State- Maharashtra by M/s. Caroa Properties Pvt. Ltd. in pdf format signed and stamped by authorized signatory of the project.

Documents enclosed herewith are as listed below:

1. Cover letter
2. Datasheet
3. EC compliance status report
4. List of annexures
5. Documents as per list of annexures

Hope the above is to your satisfaction.

**Thanks & Regards,  
Varsha Yogesh Kalange**



📍 Head Office | 107/110, Hiren Light Industrial Estate, Mogul Lane,  
Mahim, Mumbai 400016

📍 Laboratory | Plot P-1, MIDC Commercial Plots, Mohopada,  
P.O. Rasayani, Tal. Khalapur, Dist. Raigad 410222

☎ 022-42127500    ✉ [contact@aespl.co.in](mailto:contact@aespl.co.in)

**Date 19<sup>th</sup> December 2024**

**To**  
**The CCF, Regional Office, Western Region,**  
**Ministry of Environment, Forests & Climate Change**  
**Regional Office (WCZ), Ground Floor, East Wing,**  
**New Secretariat Building, Civil Lines, Nagpur- 440001**

**Sub: Submission of current status for construction activities at our proposed Residential Township Project.**  
**Ref: Environmental Clearance received by SEIAA vide EC No. SEAC – 2013/ CR 62/ TC-1, Dated: 13th March 2014, F. No. SEIAA-EC-0000000169 dated 10th Feb 2018 and EC is granted for Expansion vide EC No. SEIAA-EC-0000002285 dated 25th June 2020.**

**Dear Sir,**

With reference to above, we wish to inform you that we are establishing a Special Residential Township at Village Talegaon, Khalapur Taluka and Village Khanewale, Panvel Taluka, Dist- Raigad, State- Maharashtra. The project has been approved and granted Environmental Clearance by SEIAA, Maharashtra.

As per the condition stipulated in Environmental Clearance, we are submitting herewith six-monthly compliance status report for period of **April 2024 – September 2024** along with the desired information and copies of documents are as under:

1. Data sheet
2. EC Compliance report
3. Post Environmental Monitoring Report (April 2024 – September 2024)

We hope the above is to your satisfaction. Please acknowledge the receipt & oblige.

**Yours faithfully,**  
**Caroa Properties LLP**



**Authorized Signatory.**

**CC to:**

1. **The Member Secretary, Maharashtra Pollution Control Board, 3<sup>rd</sup> Floor, Kalpataru Point, Sion, Mumbai- 400 022.**
2. **Central Pollution Control Board, Parivesh Bhavan, Opp. VNC word office No. 10, Subhanpura, Vadodara.**

**MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS****MINISTRY OF ENVIRONMENT & FORESTS****REGIONAL OFFICE (W), NAGPUR****Monitoring Report****PART - I****DATA SHEET**

1.	Project type: River-valley/Mining/Industry/Thermal/Nuclear/Other (Specify)	Residential township project				
2.	Name of the Project	Proposed Special Residential Township at Village Talegaon, Khalapur Taluka and Village Khanewale, Panvel Taluka, Dist- Raigad, State- Maharashtra by M/s. Caroa Properties Pvt. Ltd.				
3.	Clearance letter (s)/OM No. And Date	<ul style="list-style-type: none"> <li>SEAC-2013/CR 62/TC-1 dated: 13<sup>th</sup> March 2014,</li> <li>SEIAA-EC-0000000169 dated 10<sup>th</sup> February 2018 &amp;</li> <li>SEIAA-EC-0000002285 dated 25<sup>th</sup> June 2020.</li> <li>Environment Clearance vide no. EC24B039MH170091 dated 19.08.2024.</li> </ul>				
4.	Location: a) District (s) b) State (s) c) Location d) Latitude/Longitude	Raigad Maharashtra Village Talegaon, Khalapur Taluka and Village Khanewale, Panvel Taluka				
5.	Address for correspondence a) Address of the Concerned Project Chief Engineer (With Pin Code and telephone/telex/fax numbers)	Mr. Ankit Sidhpura M/s. Caroa Properties Pvt. Ltd. K-301, Tarapore Towers, New Link Road, Oshiwara, Andheri (W.), Mumbai-400053 Tel No. +91 - 9930231102 Email: <a href="mailto:ankit.sidhpura@godrejproperties.com">ankit.sidhpura@godrejproperties.com</a>				
6.	Salient features a) Of the project	<b>Area Details</b> Total Plot Area – 521006.342 sq.m. FSI Area - 825796.922 sq.m. Non-FSI Area – 269965.755 sq.m. Gross Construction Area – 1095762.677 sq.m.  <b>No. of Buildings &amp; its configuration:</b> <table border="1" data-bbox="857 1833 1399 1902"> <thead> <tr> <th>Building Name &amp; number</th> <th>Number of floors</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Building Name & number	Number of floors		
Building Name & number	Number of floors					



		Residential phase 1 (3 towers)	<ul style="list-style-type: none"> <li>• Tower 1 : P+S+ 13 floors</li> <li>• Tower 2 &amp; 3: + 13 floors</li> </ul>
		Residential Zone 2 (1 tower)	<ul style="list-style-type: none"> <li>• 5 P + S+ 31 Upper floors</li> </ul>
		Residential phase 3 (7 towers)	<ul style="list-style-type: none"> <li>• 5 P + S+ 40 Upper floors</li> </ul>
		Residential Zone 4 (Phase 2) (2 towers)	<ul style="list-style-type: none"> <li>• S + 27 floors</li> <li>• Parking tower (MLCP): B+G+5 floors</li> </ul>
		Residential phase 5 (7 towers)	<ul style="list-style-type: none"> <li>• T1: G+39 floors,</li> <li>• T2-T6: Connected with 1 B+ 4 P</li> <li>• Towe 2: Gr + 39 UF</li> <li>• Towe 3: Gr + 36 UF</li> <li>• Towe 4: Gr + 38 UF</li> <li>• Towe 5: Gr + 41 UF</li> <li>• Towe 6: Gr + 41 UF</li> <li>• Towe 5: Gr + 41 UF</li> <li>• Club House: Gr + Mezzanine+ 2UF+ Terrace floor</li> </ul>
		Residential phase 6 (2 towers)	<ul style="list-style-type: none"> <li>• 5 P+S +31 floors</li> </ul>
		Residential phase 7 (3 tower)	<ul style="list-style-type: none"> <li>• 5 P + S + 31 floors</li> </ul>
		EWS 1 (2 Towers)	<ul style="list-style-type: none"> <li>• S+11 Floors</li> </ul>
		EWS 2 (1 Towers)	<ul style="list-style-type: none"> <li>• G+13 Floors</li> </ul>
		EWS 3 (2 Towers)	<ul style="list-style-type: none"> <li>• Tower 1: G + P + 21 floors</li> <li>• Tower 2: G + P + 30 floors</li> </ul>
		Commercial Zone 1 (1 tower)	<ul style="list-style-type: none"> <li>• 2 P + Gr + 10 Floors</li> </ul>

	Commercial Zone 2 (1 tower)	• 3 P +G+ 1 <sup>st</sup> Floor (Retails) + 10 floors
	Commercial Zone 3 (2 towers)	• 3 P +G+ 1 <sup>st</sup> Floor (Retails) + 10 floors
	Commercial Zone 4 (1 tower)	• 3 P + G + 10 floors
	PHC (2)	• G + 4
	Education (2 tower)	• G + 5
	AS 1 Community Market	• Ground Structure
	AS 2 Community Market	• Ground Structure
	AS 3 Townhall:	• G + 2
	Public utility 1 (fire station + GSR)	• Ground Floor
	Public utility 2 (Police Station)	• Ground Floor
	Public utility 3 (Bus Depot)	• Ground Floor
	Public utility 4 (Sewage Waste Management)	--
	Public utility 5 (Cremation Ground)	--
	Public utility 6 (Burial Ground)	--
	Public utility 7 (Electrical substation)	--
	Public utility 8 (other PU)	--
	Public utility 9 (Public Parking facilities)	--
	Public utility 10 (Solid waste management)	--

	b) Of the Environmental management plans	<ul style="list-style-type: none"> <li>• Implementation of Sewage Treatment Plant and reuse of treated sewage for flushing, cooling tower and Gardening</li> <li>• Implementation of Solid Waste Management &amp; Inert Waste Management</li> <li>• Implementation of Rainwater Harvesting</li> <li>• Green belt development</li> <li>• Use of solar energy for generation of hot water</li> </ul>
7.	Break up of the project area. a) Submergence area forest and non-forest b) Others	Not Applicable as no forest land Not Applicable
8.	Break up of the project affected population with enumeration of those losing house/dwelling units only agricultural land only. Both dwelling units and agricultural land and landless laborers/artisans: SC, ST/Adivasi	Not Applicable
9.	Financial details: a) Project cost as originally planned and subsequent revised estimates and the year of price reference:  b) Allocation made for environmental management plans with item wise and year wise break-up:.  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  f) Actual expenditure incurred on the environmental management plans so far	<p>Cost originally planned- Rs. 4714.62 Cr.</p> <p><b>Construction Phase:</b> 115 Lakhs/Annum</p> <p><b>Operational Phase:</b> Capital Cost – 3775 Lakhs O&amp;M Cost – 130.79 Lakhs/Annum</p> <p>Not Applicable</p> <p>Not Applicable</p> <p>Approx Rs. 475 Cr.</p> <p>Approx Rs. 60 Cr.</p>
10.	Forest land requirement: a) The status of approval for diversion	Not Applicable

	of forest land for non-forestry use	
	b) The status of cleaning felling	Not Applicable as no forest land
	c) The status of compensatory afforestation, if any	Not Applicable
	d) Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience	Not Applicable
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	Not Applicable
12.	Status of construction	
	a) Date of commencement (Actual and/or planned)	Dec 2017
	b) Date of completion (Actual and/or planned)	Dec 2027
13.	Reason for the delay of the project is yet to start	--
14.	Dates of site visits	
	(a) The dates on which the project was monitored by the Regional Office on previous occasions, if any	--
	(b) Date of site visit for this monitoring report	April 2024 – September 2024
15.	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits. (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently.)	<ul style="list-style-type: none"> <li>• Environmental Clearance granted vide letter No. SEAC-2013/CR 62/TC-1 Dated: 13<sup>th</sup> March 2014 &amp;</li> <li>• SEIAA-EC-0000000169 dated 10<sup>th</sup> February 2018 &amp;</li> <li>• EC is granted for Expansion vide EC No. SEIAA-EC-0000002285 dated 25<sup>th</sup> June 2020.</li> <li>• Environment Clearance vide no. EC24B039MH170091 dated 19.08.2024</li> </ul>

**HALF YEARLY COMPLIANCE STATUS REPORT****April 2024 – September 2024**

<b>Ref</b>	1. EC No. SEAC-2013/CR 62/TC-1 Dated: 13 <sup>th</sup> March 2014 ( <b>Annexure - II A</b> ). 2. Amended EC granted vide letter No. SEIAA-EC-0000000169 dated 10 <sup>th</sup> February 2018 ( <b>Annexure - II B</b> ). 3. EC is granted for Expansion vide EC No. SEIAA-EC-0000002285 dated 25 <sup>th</sup> June 2020 ( <b>Annexure - II C</b> ). 4. EC is granted for Expansion vide EC No. EC24B039MH170091dated 19.08.2024
<b>To</b>	M/s. Caroa Properties Pvt. Ltd.
<b>For</b>	Proposed Special Residential Township at Village Talegaon, Khalapur Taluka and Village Khanewale, Panvel Taluka, Dist- Raigad, State- Maharashtra by M/s. Caroa Properties Pvt. Ltd.
<b>Status:</b>	Construction is carried out in accordance with EC No. EC24B039MH170091dated 19.08.2024

**SPECIFIC CONDITIONS:**

<b>Sr. No.</b>	<b>Condition</b>	<b>Compliance</b>
<b>I</b>	<b>PP to make provision that convenient shopping should be developed in phase-I.</b>	We confirm that we will develop convenient shopping in Residential Zone 1.
<b>II</b>	<b>PP to approach planning authority for developing sewer line, sewerage disposal system. He may take up the same for planning authority under CER, if he so wishes.</b>	We hereby assure that we will approach the local planning authority, (MSRDC) with a request for development of external sewer line and sewerage disposal system.
<b>III</b>	<b>PP stated that the project will be completed in six phases. Till the completion of last phase the project will be net zero discharge in dry season, as the treated sewage will be used for Construction of on-going phases. Local body to ensure that the project of any phase is zero net discharge from STP Or till the treated sewage is connected to commissioned sewer line &amp; disposal system established by the planning authority.</b>	We will be developing 7 Residential Zones, 4 Commercial Zones, EWS, Public Utility, Hospital, School, and other facilities in 6 phases.  We are providing state of art sewage treatment facility to treat all sewage generated in the township and will be utilising the treated sewage for secondary uses like flushing, gardening, cooling, and road washing.  Surplus if any will be utilised for construction purpose for upcoming phases. Hence, during execution of the township project, there will be complete utilisation of treated sewage within the township.

		At the end of the last phase of our project the surplus treated sewage if any, will be connected to commissioned sewer line.
IV	<b>PP to ensure that BOD of treated water should be less than 10 mg/lit or as per standards of MPCB.</b>	We hereby commit to ensure that BOD of treated wastewater will be less than 10 mg/lit.
V	<b>PP to use norms of RTE act / ITP regulations, which ever are more stringent in development of school building.</b>	We undertake that development of school building will be as per norms of RTE Act / ITP regulations, whichever is approved by governing approving authority, such as MSRDC.
VI	<b>PP to upload the design &amp; cross section of STPs and to ensure that minimum 40% area of every STPs is open to sky for adequate ventilation.</b>	We are submitting herewith design and cross section of STP indicating minimum 40% area open to sky for adequate ventilation.
VII	<b>PP to provide minimum 25% electric charging points/ stations in parking areas.</b>	We will endeavour to provide requisite electrical charging stations of townships visitor parking with adequate electric charging points / stations. Alternatively, we will explore to provide charging station in the township.
VIII	<b>PP to lay sewer network, storm water drainage network, water supply lines, ducts for telecom, optic fibre, cooking gas pipelines and other utilities along the length of roads and ducts across road at regular interval also for water supply, telecom optic fibre, cooking gas &amp; other utility services.</b>	We hereby commit to lay, wherever possible, sewer network, storm water drainage network, water supply lines, ducts for telecom, optic fibre, cooking gas pipelines and other utilities along the length of roads and ducts across road at regular interval also for water supply, telecom optic fibre, cooking gas & other utility services within our premises.
IX	<b>Eco Friendly Transportation such as Electric bus facility or any other should be provided for the residents to go to nearest railway stations bus stand, market, school and hospitals.</b>	<p>We will endeavour to provide Eco Friendly Transportation such as BS VI compliant/ vehicles for residents in operational phase.</p> <p>We will also explore techno economic feasibility of deploying hybrid/ Electric vehicle for the residents.</p>

X	PP to prepare DMP for non-working of STP or STPS in any of the case.	As per the current sewer scheme for proposed township in case of STP non-working scenario the provisions are made in STP area / structure for suction of non-treated sewer via hose to the Sewer Suction Trucks (Vacuum Truck) and will be distributed to STP in other phases of the township.
XI	PP to ensure that environment monitoring plan is prepared and implemented in EMP.	Noted.
XII	At present an 18-meter approach road is provided to the project. Local body to ensure that OC is not granted to buildings developed from 5th Phase onwards, till the alternate road network is developed by Planning Authority.	<p>As per ITP Clause no. 2. Sub Clause 4 the township project is required to have one access road with a minimum width of 18 mtrs.</p> <p>We have already provided the required access road of 18m.</p> <p>Considering this, we request you not to impose a condition of provision of alternate road network for our 5<sup>th</sup> phase onwards.</p> <p>Also, as per the traffic analysis done, this 18-meter road suffices the entire township with normal traffic movement.</p>
XIII	In view of experience from current Covid-19 Pandemic in order to try to reduce the incidences of infection on workers / migrant labourers who otherwise are required to ferry from long distances to work site, the PP may provide for them adequate residential accommodation (doesn't matter even dormitory type) along with necessary health care facilities for commercial establishments at project site during operation phase also.	<p>Accommodation for construction workers during construction phase has been made on site.</p> <p>We have also provided safe drinking water and sanitation facilities. Provision of housing for the Economically Weaker Section (EWS) is also made as part of the proposal which will be handed over as per the ITP Policy.</p> <p>The healthcare facility within the township will be available for occupants of commercial establishments within the township.</p>

XIV	PP to provide central garden & RG shown on plan & PP to ensure that no conversion should be done regarding RG/Garden in further development.	We have made provision of central garden and RG as shown on the Master Plan and we will ensure that further the development will be as per Master Plan and any changes in the Master Plan will be approved by the planning authority such as MSRDC.
XV	The PP to follow all conditions given in location Clearances and NOCs given by different public authorities like Collector, Forest department, Fire services department etc.	We hereby commit to abide by all the conditions laid in Clearances and NOCs given by different public authorities.
XVI	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.	NOC from competent authority with reference to Thane creek flamingo sanctuary is not applicable since the proposed site falls outside 10 km radius with reference to the Sanctuary.
XVII	PP to submit CER fund prescribed by MoEF&CC circular dated 1.5.2018 for green field project and take up activities under CER 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 was earlier included as per MoEF & Circular Dated 01/05/2018. However, we have now been informed that the said 'MoEF & Circular Dated 01/05/2018' has been expressly superseded (i.e., replaced and rendered void) by OM No.F.No.22-65/2017/IA.III dt. 30/09/2020, and it is inter alia further mandated that the activity proposed by the Project Proponent of prescribed by EAC/SEAC (as the case may be), shall be part of the Environment Management Plan. As stated in the said OM dt. 30/09/20, this OM was issued pursuant to receipt of several representations regarding imposing a percentage of the project cost as CER, and the said OM was also challenged in the High Court. Consequently, CER as per the (superseded) MoEF & Circular Dated 01/05/2018 is not applicable or required to be proposed or undertaken.



XVIII	PP to ensure that CER plan gets approved from Municipal Commissioner.	Noted.
XIX	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF&CC vide F. No. 22-34/2018-IA.III dt. 04.01.2019.	Noted.

GENERAL CONDITIONS:		
Sr. No.	Condition	Compliance
I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	There is no generation of E-Waste till date on site. If any, it will be disposed through authorized vendor.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	<p>Yes, 13 Nos. of STP's with total capacity 3985 CMD will be provided to treat the sewage from entire project. The treated sewage will be used for toilet flushing &amp; gardening.</p> <p>STP's are provided for Phase I: 335 CMD, for Phase II: 325 CMD and for EWS 1 &amp; EWS 2: 350 CMD.</p> <p>Photographs of STP installed at the site are enclosed as <b>Annexure - III</b>.</p> <p>We will take care for proper disposal of Solid waste generated within the site. Construction way debris generated during pre-construction and construction phase will be disposed of by using it for filling the plot and maintaining natural slopes.</p> <p>Waste generation during operational phase:</p> <ul style="list-style-type: none"> <li>• Dry Waste: Segregation and sale of recyclables, inert to approved landfill site.</li> <li>• Wet Waste: Biodegradable waste to compost.</li> <li>• STP Sludge: (Dry Sludge): mix with wet waste and convert that into compost.</li> </ul>

		We will also take care for proper development of green belt within the site as per CPCB norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including clearance from the standing committee of the National Board for Wildlife as if applicable & this environment clearance does not necessarily imply that Forestry & Wildlife clearance granted to the project which will be considered separately on merit.	Not applicable, as it is no forest land.
IV	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Yes. We will follow all 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 to 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.	Yes, height, construction built up area of construction is accordance with Permissible FSI norms.  Project layout is enclosed as <b>Annexure - IV</b> .
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.	Yes, Consent to Establish has been received from Maharashtra Pollution Control Board vide Consent No. Format 1.0/CAC-cell/UAN No. 0000090179/CE-2011000712, Dated: 11/11/2020. Copy of same is enclosed as <b>Annexure - V(A)</b> .  We have also received First Consent to Operate (Part-I) for Phase I from MPCB. Vide Consent No. Format 1.0/CAC-CELL/UAN No. 0000132956/CO/2211000769, Dated: 10/11/2022. Copy of same is enclosed as <b>Annexure - V(B)</b> .  We have received renewal of first Consent to Operate (Part) for Phase I from MPCB Vide Consent No. Format1.0/CAC-CELL/UAN No.0000161651/CR/2307000866,

		<p>Dated: 14/07/2023. Copy of same is enclosed as <b>Annexure – V(C)</b>.</p> <p>We have also received First Consent to Operate (Part) for EWS 1 &amp; EWS 2 from MPCB Vide Consent No. Format1.0/CAC-CELL/UAN No.0000163844/ CO/2307000863 dtd. 14/07/2023. Rectified copy received on 08.06.2024. Copy of same is enclosed as <b>Annexure – V(D)</b></p> <p>We have also received First Consent to Operate (Part) for Phase II from MPCB vide Consent No. Format1.0/CAC-CELL/UAN No.0000163937/ CO/2307000864 dtd. 14/07/2023. Rectified copy received on 08.06.2024. Copy of the same is enclosed as <b>Annexure – V(E)</b></p>
VII	<b>All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.</b>	<p>Yes, all the sanitary &amp; hygienic measures have been taken during construction phase and they are as under:</p> <ol style="list-style-type: none"> <li>1. Safe &amp; clean water for workers.</li> <li>2. Temporary toilets connected to soak pit followed by septic tank.</li> <li>3. Regular medical checkups.</li> <li>4. Regular disposal of Solid waste to MSW facility.</li> <li>5. Accumulation of stagnant water is / will be avoided to prevent breeding of mosquitoes.</li> </ol> <p>The above measures will be maintained throughout the construction phase.</p> <p>Photographs of showing facility provided to construction workers are enclosed as <b>Annexure - VI</b>.</p>
VIII	<b>Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.</b>	<ul style="list-style-type: none"> <li>• Yes, safe &amp; clean drinking water is provided through municipal water supply &amp; Tanker to workers.</li> <li>• The sewage disposal will be carried out through the temporary toilets attached to the soak pit followed by septic tank.</li> <li>• The solid waste generated from the labor camp will be regularly handed over to MSW facility. Other construction waste generated during construction which includes debris, concrete, steel and other metals,</li> </ul>

		<p>bricks, pallets, packaging and paper products, railings, door and window casings, fixtures, tiles, furnishings etc. will be disposed of by using it for filling the plot and maintaining natural slopes.</p> <ul style="list-style-type: none"> <li>• Accumulation of stagnant water will be avoided to prevent breeding of mosquitoes.</li> <li>• Drinking Water Analysis is Carried Out regularly. Please refer to the Post monitoring report.</li> </ul> <p><b>Construction Waste Management:</b> Material waste like bricks, cement etc. will be used as fill material and concrete would be recycled and reused at the site. An adequate facility for storage of waste materials will be made on site.</p>
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.	<p><b><u>Waste generation in Pre-Construction and Construction phase:</u></b></p> <ul style="list-style-type: none"> <li>• Waste Generation: Debris – 8580 kg/Day</li> <li>• Quantity of Topsoil to be preserved: 46,500 m<sup>3</sup>.</li> <li>• Disposal of construction way debris: used for filling the plot and maintained natural slopes.</li> </ul> <p><b><u>Waste Generation in Operational Phase:</u></b></p> <ul style="list-style-type: none"> <li>• Dry Waste: 7131 kg/Day</li> <li>• Wet waste: 12225 kg/day</li> <li>• Hazardous Waste: 817 kg/day</li> <li>• Biomedical Waste: 100 kg/month</li> <li>• STP Sludge (Dry Sludge): 916 kg/day</li> </ul> <p><b><u>Mode of disposal of waste:</u></b></p> <ul style="list-style-type: none"> <li>• Dry Waste: Segregation and sale of recyclables, inerts to approved landfill site.</li> <li>• Wet Waste: Biodegradable waste to compost.</li> <li>• Hazardous Waste: Hazardous waste will be safely stored and handed over to an authorized treatment and disposal facility.</li> <li>• Biomedical Waste: Biomedical waste will be treated in an incinerator by authorized parties.</li> </ul>

		<ul style="list-style-type: none"> <li>• STP Sludge: (Dry Sludge): Mix with wet waste and convert that into compost.</li> </ul>
X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	<ul style="list-style-type: none"> <li>• Total solid waste generated at the site will be around 1-3 TPD which includes Construction debris &amp; Packaging materials.</li> </ul> <b>Disposal of Solid Waste:</b> <ul style="list-style-type: none"> <li>• The construction debris will be utilized for filling and leveling of ground.</li> <li>• Metal waste will be disposed of for recycling through scrap dealers.</li> <li>• The solid waste generated due to packaging material will be preferably recycled and / or reused.</li> <li>• Dry waste: segregation and sale of recyclables, inert to approved landfill site.</li> <li>• Wet waste: biodegradable waste to compost.</li> <li>• STP Sludge: The dried sludge will be used as manure for gardening.</li> </ul>
XI	Arrangement shall be made that wastewater and storm water do not get mixed.	Yes, Separate drainage line will be provided to prevent mixing of wastewater and storm water.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Yes, all the topsoil and construction debris will be used for filling the plot and maintaining green belt development.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Additional soil for leveling of the proposed site will be generated within the site to protect natural drainage system of the area.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Green belt development will be carried out as per CPCB guidelines. Photographs of Green belt development is enclosed as <b>Annexure – VII</b> .
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by	Yes, the monitoring will be carried out regularly and the report will be submitted to the ministry regularly.

	leaching of heavy metals and other toxic contaminants.	Post Monitoring Report is enclosed herewith as <b>Annexure – I.</b>
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.	There is no generation of any bituminous material or any hazardous material at the site till date & if generated will be disposed as per the MPCB norms.
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.	There is no generation of Hazardous waste at the Complex till date, if generated will be disposed as per MPCB norms.
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.	Yes, the DG sets will be operated only during power failure & will be provided with enclosure. Diesel generating sets will be of low Sulphur diesel type as per Environments (Protection) Rules prescribed for air and noise emission standards.  Photograph of DG set is enclosed as <b>Annexure - VIII.</b>
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Necessary permissions will be taken from the concerned authority whenever required.
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.	The vehicles hired for bringing construction material at site will have valid PUC. All vehicles are less than 8 years old only. The vehicles used for bringing construction material will be operated only during non- peak hours.
XXI	Ambient noise levels should conform to residential standards both during the 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	Yes, the Ambient Noise & Ambient Air monitoring will be regularly carried out at the boundary wall of the premises as per environmental protection act 1986. Please refer to the Post monitoring report. <b>Following are the measures will be taken to reduce load on Ambient Noise &amp; Air:</b>

	conform to the stipulated standards by CPCB/MPCB.	<ul style="list-style-type: none"> <li>Temporary barricades will be erected around the premises.</li> <li>The noise generating activities will be carried out only during daytime.</li> <li>High noise generating machinery will provide noise reducing measure.</li> <li>Transportation of the construction material will be carried out during daytime.</li> <li>Separate Entry &amp; exist for the construction vehicles are provided.</li> </ul>
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Not applicable as no thermal power station is available within 100 km.
XXIII	Ready mixed concrete must be used in building construction.	Yes. Ready mixed concrete will be used in building construction. Details of Batching Plant are enclosed as <b>Annexure - IX.</b>
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Till now site is vacant and hence no reuse of storm or harvested water.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand during construction will 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.	Yes, Ground water level and quality will be monitored regularly.
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 affluent if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum	<p>Yes, 13 Nos. of STP's with total capacity 3985 CMD will be provided to treat the sewage from entire project. The treated sewage will be used for toilet flushing &amp; gardening.</p> <p>STP's are provided for Phase I: 335 CMD, for Phase II: 325 CMD and for EWS 1 &amp; EWS 2: 350 CMD.</p> <p>Photographs of STP installed at the site are enclosed as <b>Annexure - III.</b></p>

	extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	Currently, there is no use of ground water for construction phases. Water requirements will be fulfilled by MCGM / Tanker Water.  No basement is proposed in the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Dual plumbing line will be proposed 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.	Low flow fixtures will be used for shower, toilet flushing & drinking water.
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.	We will be using high performance glass with low E value and high SHGC coefficient. Energy modeling exercise will be conducted to determine the insulation level acceptable as per the code.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	The roof insulation will be maintained as per ECBC guidelines. Energy modeling exercise will be conducted to determine the insulation level acceptable as per the code.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting of the areas outside the building should be an 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	Energy conservation measures like provision of electronic ballast, Use of CFL / T5 lamps, Solar Street lighting, Savings due to use of VFD driven hydropneumatics plumbing systems and lifts are integral part of the project design and are in place before project commissioning.



	like installing solar streetlights, 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.	Yes, the DG sets will be operated only during power failure & will be provided with enclosure. Diesel generating sets will be of low Sulphur diesel type as per environments (Protection) Rules prescribed for air and noise emission standards. Photographs of D.G. Sets are submitted earlier.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Ambient noise levels are maintained well within residential standards. Please refer to the monitoring report for Noise. Monitoring report is enclosed as <b>Annexure - I</b> .  Adequate measures are taken to reduce ambient air and noise level to confirm to stipulated standards by CPCB/MPCB.
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.	Shall be complied with. Nos. of junction to the main road & design of confluence: 1 central road and 3 arterial roads.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	All the walls will be as per ECBC guidelines for its insulation and respective U value. Energy modeling exercise will be conducted to determine the insulation level acceptable as per the code.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Yes, buildings will be constructed in such a way that adequate distance between them allow movement of fresh air and

		passage of light to the residential premises.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	The project will erect environmental management cell within the construction supervision team to supervise all aspects of the Environmental Management Plan.
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.	<ul style="list-style-type: none"> <li>• EC No. SEAC-2013/CR 62/TC-1 Dated: 13<sup>th</sup> March 2014. <b>(Annexure - II A)</b></li> <li>• Amended EC granted vide letter No. SEIAA-EC-0000000169 dated 10<sup>th</sup> February 2018. <b>(Annexure - II B)</b></li> <li>• EC for Expansion vide EC No. SEIAA-EC-0000002285 dated 25<sup>th</sup> June 2020. <b>(Annexure - II C)</b></li> <li>• Environment Clearance vide no. EC24B039MH170091 dated 19.08.2024. <b>(Annexure - II D)</b></li> </ul>
XLI	Six monthly monitoring reports should be submitted to the regional office MoEF&CC, Bhopal with copy to this department and MPCB.	Yes, we are regularly submitting six monthly compliance reports to the department & MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	<p>Yes, 13 Nos. of STP's with total capacity 3985 CMD will be provided to treat the sewage from entire project. The treated sewage will be used for toilet flushing &amp; gardening.</p> <p>STP's are provided for Phase I: 335 CMD, for Phase II: 325 CMD and for EWS 1 &amp; EWS 2: 350 CMD.</p> <p>Photographs of STP installed at the site are enclosed as <b>Annexure - III</b>.</p> <p>We will take care of proper disposal of Solid waste generated within the site. Construction way debris generated during pre-construction and construction phase will be disposed of by using it for filling the plot and maintaining natural slopes.</p> <p>waste generation during operational phase:</p>

		<ul style="list-style-type: none"> <li>• Dry Waste: Segregation and sale of recyclables, inert to approved landfill site.</li> <li>• Wet Waste: Biodegradable waste to compost.</li> <li>• STP Sludge: (Dry Sludge): mix with wet waste and convert that into compost.</li> </ul> <p>The photograph of OWC installed at site is enclosed as <b>Annexure - X</b>.</p> <p>We will also take care for proper development of green belt within the site as per CPCB norms.</p>
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And no wet garbage will be disposed outside the premises. Local authority should ensure this.	<p>Yes, during the operation phase the wet garbage will be treated in Organic Waste Converter &amp; the manure will be used for landscaping.</p> <p>The photograph of OWC installed at site is enclosed as <b>Annexure - X</b>.</p>
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	We will obtain occupation certificate only after operation of STP, MSW & other required infrastructure as per MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	The complete set of documents submitted to MoEF has been already forwarded to MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	The project is being carried out as if was given clearance by MoEF.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	A separate environment management cell will be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other	<p>Yes, break up of Environmental Management Plan is as given below:</p> <p><b>Construction Phase:</b> 115 Lakhs/Annum</p> <p><b>Operational Phase:</b> Capital Cost – 3775 Lakhs</p>

	purposes and year-wise expenditure should reported to the MPCB & this department.	O&M Cost – 130.79 Lakhs/Annum
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>	Yes, we have published advertisement in two local newspapers and copies of same are enclosed as <b>Annexure - XI</b> .
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	Yes, the above condition is noted. Six monthly compliance report as per condition stipulated in Environmental Clearance will be submitted to MPCB & department regularly.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	A copy of the clearance letter will be sent to the concerned Municipal Corporation and the local NGO, if any.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a	Yes, monitoring at the site is being carried out regularly. Monitoring report is enclosed.  <a href="https://www.godrejproperties.com/mumbai/residential/the-highlands-at-godrej-city">https://www.godrejproperties.com/mumbai/residential/the-highlands-at-godrej-city</a>

	convenient location near the main gate of the company in the public domain.	
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC the respective Zonal Office of CPCB and the SPCB.	Yes, six monthly Compliance reports are enclosed.
LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	Yes, we have uploaded the Environment Statement Form-V on the MPCB Portal. The copy of the same is enclosed as <b>Annexure - XII</b> .  <a href="https://www.godrejproperties.com/mumbai/residential/the-highlands-at-godrej-city">https://www.godrejproperties.com/mumbai/residential/the-highlands-at-godrej-city</a>

### **List of Annexures**

<b>Sr. no.</b>	<b>Annexure no.</b>	<b>Details</b>
1.	Annexure I	Post Monitoring reports
2.	Annexure II	Copies of Environmental Clearance
3.	Annexure III	Photographs of STP
4.	Annexure IV	Layout Plan
5.	Annexure V	Consent Copies
6.	Annexure VI	Photographs of Labor facilities
7.	Annexure VII	Photographs of Green belt development
8.	Annexure VIII	Photograph of DG set
9.	Annexure IX	Details of Batching plant
10.	Annexure X	Photograph of OWC
11.	Annexure XI	Advertisement copy
12.	Annexure XII	Environment Statement



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/A- 24/04/70

Issue Date: 22/04/2024

Name of Customer & Contact Details	: M/s.- Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar. ☎ 9619096967 ✉ <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>				
Name of Site	: “Godrej Highlands” Khalapur, District-Raigad				
Discipline & Group	: Chemical: Atmospheric Pollution				
Description of Sample	: Ambient Air				
Location of Sampling	: Godrej The Highlands				
Date of Sampling	: 13/04/2024				
Sampling Time	: 09:45to 17:45 hr.	Duration	:	08 Hr.	
Sample Drawn By	: AESPL	Transported By	:	AESPL	
Date of Sample Receipt	: 15/04/2024	Sample Identification	:	A- 24/04/70	
Sample Quantity & Container	: SO <sub>2</sub> :1 Bottle; NO <sub>2</sub> :1 Bottle; PM <sub>10</sub> -1; Bladder:1.				
Date of Sample Analysis	: 15/04/2024 to20/04/2024				
Sampling Environmental Conditions	:	Temperature:29-39°C; Rain fall: No; P <sub>bar</sub> : 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container	Bladder at ambient temp.	
Sampling Equipment	:	RDS-I-05			
Calibration Status	:	Calibration on 29/12/2023 due on 29/12/2024			
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/A-01			
Environmental Condition while Testing	:	Ambient Temperature: 28°C and Humidity: 42%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	23.09	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	42.58	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	82.53	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	Carbon monoxide as CO	0.77	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019

[ #] Specified under National Ambient Air Quality Standards by CPCB:

[ \*] 24 hourly monitoring values; [ \*\*] 1 hourly monitoring values.

**Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.



**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/04/77

Issue Date: 20/04/2024

Name of Customer & Contact Details	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar, ☎ 9619096967 ✉ <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>			
Name of Site	:	“Godrej Highlands” Khalapur, District-Raigad			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Noise			
Location Details	:	At the periphery of site			
Date of Sampling	:	13/04/2024	Period of Sampling	:	Spot
Start Time of Sampling	:	12:15 Hr.	End Time of Sampling	:	12:40 Hr.
Monitored By	:	AESPL	Transported By	:	AESPL
Date of Data Receipt	:	15/04/2024	Sample Identification	:	N-24/04/77
Environmental	:	Climate: Clear		Ambient Temp: 31°C	
Transportation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.			
Sampling Equipment	:	Noise meter - Centre C-390 SL-I-08			
Calibration Status	:	Calibrated on 29/04/2023; calibration due on 28/04/2024			
Project/ Job Number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling	:	IS 9989 RA:2020			
Sr. No.	Location			Noise Level dB(A)	
1.	EWS I			50.6	
2.	EWS II			53.8	
3.	Near construction area			54.1	
4.	Near site office			54.3	
5.	Near site entrance			53.8	
Limit as per EP Act for daytime at Residential area				55.0	

**Conformity Statement:** Noise Levels at all the locations are found below the stipulated limits

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2024**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/04/110**Issue Date:** 17/04/2024

<b>Name of Customer &amp; Contact Details</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar 9619096967 Email: <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	13/04/2024	<b>Time of Sample Drawn</b>	:	11.15 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	13/04/2024	<b>Sample Identification</b>	:	W- 24/04/110
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	13/04/2024 to 15/04/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 30°C, Air Temperature: 33°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 31.5°C and Humidity: 40%			
Sr. No.	Parameter	Result	Limits (IS 10500:RA2018)		Method of Analysis
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) 2023
3.	pH@25°C	7.58	6.5 – 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO <sub>3</sub> , mg/l	18	200 Max	600 Max	IS-3025(P-21) 2023
6.	Iron as Fe, mg/l	0.030	1.0 Max	No relaxation	IS-3025(P-11) 2023
7.	Chloride as Cl <sup>-</sup> , mg/l	5.0	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F <sup>-</sup> , mg/l	0.32	1.0 Max	1.5 Max	IS-3025(P-60) 2023
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) 2022

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2024**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM**-MH-19-0029787**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/04/110**Issue Date:** 17/04/2024

<b>Name of Customer &amp; Contact Details</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar 9619096967 Email: <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	13/04/2024	<b>Time of Sample Drawn</b>	:	11.15 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	13/04/2024	<b>Sample Identification</b>	:	W- 24/04/110
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	13/04/2024 to 15/04/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 30°C, Air Temperature: 33°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 31.5°C and Humidity: 40%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
10.	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P- 8) 2023

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil**  
**(Authorized Signatory)**

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

## Test Report (Microbiology - Water)

Ref. No.: AESPL/LAB/B/Mw-24/04/109

Issue Date: 17/04/2024

Name of Customer & Contact Details	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai - 400079 Mr. Aniruddha Namojwar, 9619096967 E-Mail: - <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>		
Name of Site	:	Godrej Highlands, Khalapur, District-Raigad.		
Nature of Sample	:	Drinking water	Location of Sample	: Office pantry
Date of Sample Drawn	:	13/04/2024	Time of Sample Drawn	: 11:20 am
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	13/04/2024	Sample Identification	: Mw- 24/04/109
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	13/04/2024 to 15/04/2024		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 24.1°C and Humidity: 56 %		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021

**Conformity Statement:** Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.



**Pranali N. Patil**  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/A- 24/05/09

Issue Date: 10/05/2024

Name of Customer & Contact Details	: M/s.- Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar. ☎ 9619096967 ✉ <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>				
Name of Site	: “Godrej Highlands” Khalapur, District-Raigad				
Discipline & Group	: Chemical: Atmospheric Pollution				
Description of Sample	: Ambient Air				
Location of Sampling	: Godrej The Highlands				
Date of Sampling	: 04/05/2024				
Sampling Time	: 09:30to 17:30 hr.	Duration	:	08 Hr.	
Sample Drawn By	: AESPL	Transported By	:	AESPL	
Date of Sample Receipt	: 06/05/2024	Sample Identification	:	A- 24/05/09	
Sample Quantity & Container	: SO <sub>2</sub> :1 Bottle; NO <sub>2</sub> :1 Bottle; PM <sub>10</sub> -1; Bladder:1.				
Date of Sample Analysis	: 06/05/2024 to09/05/2024				
Sampling Environmental Conditions	:	Temperature:29-41°C; Rain fall: No; P <sub>bar</sub> : 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container	Bladder at ambient temp.	
Sampling Equipment	:	RDS-I-04			
Calibration Status	:	Calibration on 29/12/2023 due on 29/12/2024			
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/A-01			
Environmental Condition while Testing	:	Ambient Temperature: 31°C and Humidity:47%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	25.48	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	38.95	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	87.70	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	Carbon monoxide as CO	0.71	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019

[ # ] Specified under National Ambient Air Quality Standards by CPCB:

[ \* ] 24 hourly monitoring values; [ \*\* ] 1 hourly monitoring values.

**Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

### Note:

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Reshma S. Patil.  
(Authorized Signatory)

-End of Test Report-





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/05/16

Issue Date: 09/05/2024

Name of Customer & Contact Details	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar, ☎ 9619096967 ✉ <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>			
Name of Site	:	“Godrej Highlands” Khalapur, District-Raigad			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Noise			
Location Details	:	At the periphery of site			
Date of Sampling	:	05/05/2024	Period of Sampling	:	Spot
Start Time of Sampling	:	11:30 Hr.	End Time of Sampling	:	12:00 Hr.
Monitored By	:	AESPL	Transported By	:	AESPL
Date of Data Receipt	:	06/05/2024	Sample Identification	:	N-24/05/16
Environmental	:	Climate: Clear		Ambient Temp: 33°C	
Transportation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.			
Sampling Equipment	:	Noise meter - Centre C-390 SL-I-03			
Calibration Status	:	Calibrated on 28/11/2023; calibration due on 27/11/2024			
Project/ Job Number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling	:	IS 9989 RA:2020			
Sr. No.	Location			Noise Level dB(A)	
1.	EWS I			50.6	
2.	EWS II			52.3	
3.	Near construction area			54.0	
4.	Near site office			51.5	
5.	Near site entrance			53.0	
Limit as per EP Act for daytime at Residential area				55.0	

**Conformity Statement:** Noise Levels at all the locations are found below the stipulated limits

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025.**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/05/14**Issue Date:** 08/05/2024

<b>Name of Customer &amp; Contact Details</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar 9619096967 Email: <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Project Office
<b>Date of Sample Drawn</b>	:	04/05/2024	<b>Time of Sample Drawn</b>	:	11.20 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	04/05/2024	<b>Sample Identification</b>	:	W- 24/05/14
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	04/05/2024 to 06/05/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 28°C, Air Temperature: 33°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 31.5°C and Humidity: 40%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) 2023
3.	pH@25°C	7.03	6.5 – 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO <sub>3</sub> , mg/l	40	200 Max	600 Max	IS-3025(P-21) 2023
6.	Iron as Fe, mg/l	0.030	1.0 Max	No relaxation	IS-3025(P-11) 2023
7.	Chloride as Cl <sup>-</sup> , mg/l	24	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F <sup>-</sup> , mg/l	0.32	1.0 Max	1.5 Max	IS-3025(P-60) 2023
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) 2022

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

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**Reshma S. Patil**  
**(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/05/14**Issue Date:** 08/05/2024

<b>Name of Customer &amp; Contact Details</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar 9619096967 Email: <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Project Office
<b>Date of Sample Drawn</b>	:	04/05/2024	<b>Time of Sample Drawn</b>	:	11.20 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	04/05/2024	<b>Sample Identification</b>	:	W- 24/05/14
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	04/05/2024 to 06/05/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 28°C, Air Temperature: 33°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 31.5°C and Humidity: 40%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
10.	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P- 8) 2023

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

## Test Report (Microbiology - Water)

Ref. No.: AESPL/LAB/B/Mw-24/05/04

Issue Date: 08/05/2024

Name of Customer & Contact Details	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai - 400079 Mr. Aniruddha Namojwar, 9619096967 E-Mail: - <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>		
Name of Site	:	Godrej Highlands, Khalapur, District-Raigad.		
Nature of Sample	:	Drinking water	Location of Sample	: Project Office
Date of Sample Drawn	:	04/05/2024	Time of Sample Drawn	: 11:20 am
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	04/05/2024	Sample Identification	: Mw- 24/05/04
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	04/05/2024 to 06/05/2024		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 22.8°C and Humidity: 51 %		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021

**Conformity Statement:** Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.



**Pranali N. Patil**  
(Authorized Signatory)

-End of Test Report-





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/A- 24/06/153

Issue Date: 08/07/2024

Name of Customer & Contact Details	: M/s.- Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar. ☎ 9619096967 ✉ <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>				
Name of Site	: “Godrej Highlands” Khalapur, District-Raigad				
Discipline & Group	: Chemical: Atmospheric Pollution				
Description of Sample	: Ambient Air				
Location of Sampling	: Godrej The Highlands				
Date of Sampling	: 29/06/2024				
Sampling Time	: 10:00to 18:00 hr.	Duration	:	08 Hr.	
Sample Drawn By	: AESPL	Transported By	:	AESPL	
Date of Sample Receipt	: 03/07/2024	Sample Identification	:	A- 24/06/153	
Sample Quantity & Container	: SO <sub>2</sub> :1 Bottle; NO <sub>2</sub> :1 Bottle; PM <sub>10</sub> -1; Bladder:1.				
Date of Sample Analysis	: 04/07/2024 to 08/07/2024				
Sampling Environmental Conditions	:	Temperature:29-32°C; Rain fall: No; P <sub>bar</sub> : 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container	Bladder at ambient temp.	
Sampling Equipment	:	RDS-I-02			
Calibration Status	:	Calibration on 29/12/2023 due on 29/12/2024			
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/A-01			
Environmental Condition while Testing	:	Ambient Temperature: 28°C and Humidity:49%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	25.30	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	39.52	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	77.26	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	Carbon monoxide as CO	0.65	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019

[ #] Specified under National Ambient Air Quality Standards by CPCB:

[ \*] 24 hourly monitoring values; [ \*\*] 1 hourly monitoring values.

**Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

### Note:

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2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.



**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/06/111

Issue Date: 05/07/2024

Name of Customer & Contact Details	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai – 400079 Mr. Aniruddha Namojwar, ☎ 9619096967 ✉ <a href="mailto:aniruddha.n@godrejproperties.com">aniruddha.n@godrejproperties.com</a>			
Name of Site	:	“Godrej Highlands” Khalapur, District-Raigad			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Noise			
Location Details	:	At the periphery of site			
Date of Sampling	:	29/06/2024	Period of Sampling	:	Spot
Start Time of Sampling	:	10:00 Hr.	End Time of Sampling	:	10:25 Hr.
Monitored By	:	AESPL	Transported By	:	AESPL
Date of Data Receipt	:	01/07/2024	Sample Identification	:	N-24/06/111
Environmental	:	Climate: Clear		Ambient Temp: 30°C	
Transportation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.			
Sampling Equipment	:	Noise meter - Centre C-390 SL-I-04			
Calibration Status	:	Calibrated on 28/11/2023; calibration due on 27/11/2024			
Project/ Job Number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling	:	IS 9989 RA:2020			
Sr. No.	Location			Noise Level dB(A)	
1.	EWS I			49.6	
2.	EWS II			52.8	
3.	Near construction area			54.6	
4.	Near site office			53.0	
5.	Near site entrance			52.6	
Limit as per EP Act for daytime at Residential area				55.0	

**Conformity Statement:** Noise Levels at all the locations are found below the stipulated limits

### Note:

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2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025.**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/06/400**Issue Date:** 03/07/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	29/06/2024	<b>Time of Sample Drawn</b>	:	11.30 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	29/06/2024	<b>Sample Identification</b>	:	W- 24/06/400
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	29/06/2024 to 01/07/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 29°C, Air Temperature: 31°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29.5°C and Humidity: 84%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) 2023
3.	pH@25°C	7.90	6.5 – 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO <sub>3</sub> , mg/l	26	200 Max	600 Max	IS-3025(P-21) 2023
6.	Iron as Fe, mg/l	0.030	1.0 Max	No relaxation	IS-3025(P-11) 2023
7.	Chloride as Cl <sup>-</sup> , mg/l	17	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F <sup>-</sup> , mg/l	0.30	1.0 Max	1.5 Max	IS-3025(P-60) 2023
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) 2022

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM**-MH-19-0029787**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/06/400**Issue Date:** 03/07/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	29/06/2024	<b>Time of Sample Drawn</b>	:	11.30 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	29/06/2024	<b>Sample Identification</b>	:	W- 24/06/400
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	29/06/2024 to 01/07/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 29°C, Air Temperature: 31°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29.5°C and Humidity: 84%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
10.	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P- 8) 2023

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015 &amp; ISO 45001:2018

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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

**Test Report  
(Microbiology - Water)**

Ref. No.: AESPL/LAB/B/Mw-24/06/289

Issue Date: 03/07/2024

Name of Customer	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai - 400079		
Name of Site	:	Godrej Highlands, Khalapur, District-Raigad.		
Nature of Sample	:	Drinking water	Location of Sample	: Office pantry
Date of Sample Drawn	:	29/06/2024	Time of Sample Drawn	: 11:30 am
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	29/06/2024	Sample Identification	: Mw- 24/06/289
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	29/06/2024 to 01/07/2024		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 21.4°C and Humidity: 43 %		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021

**Conformity Statement:** Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.

**Pranali N. Patil  
(Authorized Signatory)**

-End of Test Report-





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/A- 24/07/101

Issue Date: 01/08/2024

Name of Customer	:	Caroa Properties LLP.			
Name of Site	:	“Godrej Highlands” Khalapur, District-Raigad			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Godrej The Highlands			
Date of Sampling	:	26/07/2024			
Sampling Time	:	10:10to 18:10 hr.	Duration	:	08 Hr.
Sample Drawn By	:	AESPL	Transported By	:	AESPL
Date of Sample Receipt	:	27/07/2024	Sample Identification	:	A- 24/07/101
Sample Quantity & Container	:	SO <sub>2</sub> :1 Bottle; NO <sub>2</sub> :1 Bottle; PM <sub>10</sub> -1; Bladder:1.			
Date of Sample Analysis	:	27/07/2024 to 31/07/2024			
Sampling Environmental Conditions		:	Temperature:27-30°C; Rain fall: Yes; P <sub>bar</sub> : 756 mmHg.		
Transportation Condition		:	Bottles < 5°C	Filter papers in plastic container	Bladder at ambient temp.
Sampling Equipment		:	RDS-I-02		
Calibration Status		:	Calibration on 29/12/2023 due on 29/12/2024		
Project/ Job number		:	Godrej properties LLP dtd 03Aug2015		
Reference of Sampling		:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation		:	AESPL/LAB/SOP/7.3.1/A-01		
Environmental Condition while Testing		:	Ambient Temperature: 27°C and Humidity:54%		
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	19.34	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	34.58	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	52.29	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	Carbon monoxide as CO	0.43	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019

[ #] Specified under National Ambient Air Quality Standards by CPCB:

[ \*] 24 hourly monitoring values; [ \*\*] 1 hourly monitoring values.

**Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

### Note:

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Reshma S. Patil.  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/07/126

Issue Date: 31/07/2024

Name of Customer	:	Caroa Properties LLP.			
Name of Site	:	“Godrej Highlands” Khalapur, District-Raigad			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Noise			
Location Details	:	At the periphery of site			
Date of Sampling	:	26/07/2024	Period of Sampling	:	Spot
Start Time of Sampling	:	10:30 Hr.	End Time of Sampling	:	11:00 Hr.
Monitored By	:	AESPL	Transported By	:	AESPL
Date of Data Receipt	:	27/07/2024	Sample Identification	:	N-24/07/126
Environmental	:	Climate: Rainy		Ambient Temp: 29°C	
Transportation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.			
Sampling Equipment	:	Noise meter - Centre C-390 SL-I-11			
Calibration Status	:	Calibrated on 11/03/2024; calibration due on 10/03/2025			
Project/ Job Number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling	:	IS 9989 RA:2020			
Sr. No.	Location			Noise Level dB(A)	
1.	EWS I			53.2	
2.	EWS II			53.8	
3.	Near construction area			54.9	
4.	Near site office			53.6	
5.	Near site entrance			52.9	
Limit as per EP Act for daytime at Residential area				55.0	

**Conformity Statement:** Noise Levels at all the locations are found below the stipulated limits

### Note:

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025.**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/07/243**Issue Date:** 29/07/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	26/07/2024	<b>Time of Sample Drawn</b>	:	11.00 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	26/07/2024	<b>Sample Identification</b>	:	W- 24/06/400
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	26/07/2024 to 27/07/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 26°C, Air Temperature: 28°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29.5°C and Humidity: 84%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) 2023
3.	pH@25°C	7.45	6.5 – 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO <sub>3</sub> , mg/l	32	200 Max	600 Max	IS-3025(P-21) 2023
6.	Iron as Fe, mg/l	0.030	1.0 Max	No relaxation	IS-3025(P-11) 2023
7.	Chloride as Cl <sup>-</sup> , mg/l	15	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F <sup>-</sup> , mg/l	0.30	1.0 Max	1.5 Max	IS-3025(P-60) 2023
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) 2022

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM**-MH-19-0029787**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/07/243**Issue Date:** 29/07/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	26/07/2024	<b>Time of Sample Drawn</b>	:	11.00 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	26/07/2024	<b>Sample Identification</b>	:	W- 24/06/400
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	26/07/2024 to 27/07/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 26°C, Air Temperature: 28°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29.5°C and Humidity: 84%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
10.	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P- 8) 2023

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil**  
**(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015 &amp; ISO 45001:2018

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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

**Test Report**  
**(Microbiology - Water)**

Ref. No.: AESPL/LAB/B/Mw-24/07/218

Issue Date: 29/07/2024

Name of Customer	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai - 400079		
Name of Site	:	Godrej Highlands, Khalapur, District-Raigad.		
Nature of Sample	:	Drinking water	Location of Sample	: Office pantry
Date of Sample Drawn	:	26/07/2024	Time of Sample Drawn	: 11:00 am
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	26/07/2024	Sample Identification	: Mw- 24/07/218
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	26/07/2024 to 27/07/2024		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 23.8°C and Humidity: 53 %		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021

**Conformity Statement:** Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.

**Pranali N. Patil**  
**(Authorized Signatory)**

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/A- 24/08/76

Issue Date: 26/08/2024

Name of Customer	:	Caroa Properties LLP.			
Name of Site	:	“Godrej Highlands” Khalapur, District-Raigad			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Godrej The Highlands			
Date of Sampling	:	19/08/2024			
Sampling Time	:	09:30to 17:30 hr.	Duration	:	08 Hr.
Sample Drawn By	:	AESPL	Transported By	:	AESPL
Date of Sample Receipt	:	21/08/2024	Sample Identification	:	A- 24/08/76
Sample Quantity & Container	:	SO <sub>2</sub> :1 Bottle; NO <sub>2</sub> :1 Bottle; PM <sub>10</sub> -1; Bladder:1.			
Date of Sample Analysis	:	21/08/2024 to 24/08/2024			
Sampling Environmental Conditions	:	Temperature:27-30°C; Rain fall: Yes; P <sub>bar</sub> : 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic container	Bladder at ambient temp.	
Sampling Equipment	:	RDS-I-06			
Calibration Status	:	Calibration on 29/12/2023 due on 29/12/2024			
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/A-01			
Environmental Condition while Testing	:	Ambient Temperature: 28°C and Humidity:48%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	16.37	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	31.79	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	57.24	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	Carbon monoxide as CO	0.40	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019

[ #] Specified under National Ambient Air Quality Standards by CPCB:

[ \*] 24 hourly monitoring values; [ \*\*] 1 hourly monitoring values.

**Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

### Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.



Reshma S. Patil.  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/08/86

Issue Date: 23/08/2024

Name of Customer	:	Caroa Properties LLP.			
Name of Site	:	“Godrej Highlands” Khalapur, District-Raigad			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Noise			
Location Details	:	At the periphery of site			
Date of Sampling	:	19/08/2024	Period of Sampling	:	Spot
Start Time of Sampling	:	12:10 Hr.	End Time of Sampling	:	12:30 Hr.
Monitored By	:	AESPL	Transported By	:	AESPL
Date of Data Receipt	:	20/08/2024	Sample Identification	:	N-24/08/86
Environmental	:	Climate: Rainy		Ambient Temp: 30°C	
Transportation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.			
Sampling Equipment	:	Noise meter - Centre C-390 SL-I-09			
Calibration Status	:	Calibrated on 11/03/2024; calibration due on 10/03/2025			
Project/ Job Number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling	:	IS 9989 RA:2020			
Sr. No.	Location		Noise Level dB(A)		
1.	EWS I		51.4		
2.	EWS II		53.6		
3.	Near construction area		54.9		
4.	Near site office		51.8		
5.	Near site entrance		51.3		
Limit as per EP Act for daytime at Residential area			55.0		

**Conformity Statement:** Noise Levels at all the locations are found below the stipulated limits

**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025.**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/08/147**Issue Date:** 23/08/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	19/08/2024	<b>Time of Sample Drawn</b>	:	11.31 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	19/08/2024	<b>Sample Identification</b>	:	W- 24/08/147
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	19/08/2024 to 21/08/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 29°C, Air Temperature: 29°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 30.2°C and Humidity: 88%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) 2023
3.	pH@25°C	7.35	6.5 – 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO <sub>3</sub> , mg/l	38	200 Max	600 Max	IS-3025(P-21) 2023
6.	Iron as Fe, mg/l	0.030	1.0 Max	No relaxation	IS-3025(P-11) 2023
7.	Chloride as Cl <sup>-</sup> , mg/l	12	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F <sup>-</sup> , mg/l	0.30	1.0 Max	1.5 Max	IS-3025(P-60) 2023
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) 2022

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil**  
**(Authorized Signatory)**

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM**-MH-19-0029787**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/08/147**Issue Date:** 23/08/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	19/08/2024	<b>Time of Sample Drawn</b>	:	11.31 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	19/08/2024	<b>Sample Identification</b>	:	W- 24/08/147
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	19/08/2024 to 21/08/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 29°C, Air Temperature: 29°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 30.2°C and Humidity: 88%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
10.	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P- 8) 2023

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

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**Reshma S. Patil**  
**(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015 &amp; ISO 45001:2018

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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

**Test Report  
(Microbiology - Water)**

Ref. No.: AESPL/LAB/B/Mw-24/08/154

Issue Date: 22/08/2024

Name of Customer	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai - 400079		
Name of Site	:	Godrej Highlands, Khalapur, District-Raigad.		
Nature of Sample	:	Drinking water	Location of Sample	: Office pantry
Date of Sample Drawn	:	19/08/2024	Time of Sample Drawn	: 11:30 am
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	19/08/2024	Sample Identification	: Mw- 24/08/154
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	19/08/2024 to 20/08/2024		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 23.7°C and Humidity: 49 %		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021

**Conformity Statement:** Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.

**Pranali N. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)**Tel:**9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Ambient Air)****Ref. No.:** AESPL/LAB/C/ A-24/09/100**Issue Date:** 03/10/2024

Name of Customer	:	Godrej Properties Limited			
Name of Site	:	Caroa II, Godrej Highlands			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Air			
Location of Sampling	:	Godrej The Highlands			
Date of Sampling	:	24/09/2024			
Sampling Time	:	10:00 to 18:00 hr.	Duration	:	08 hr.
Sample Drawn By	:	AESPL	Transported	:	AESPL
Date of Sample Receipt	:	25/09/2024	Sample	:	A-24/09/100
Sample Quantity & Container	:	SO <sub>2</sub> :1 Bottle; NO <sub>2</sub> :1 Bottle; PM <sub>10</sub> -1, PM <sub>2.5</sub> -1, bladder-1.			
Date of Sample Analysis	:	25/09/2024 to 30/09/2024			
Sampling Environmental Conditions	:	Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 756 mmHg.			
Transportation Condition	:	Bottles < 5°C	Filter papers in plastic	Bladders, charcoal tubes at ambient temp.	
Sampling Equipment	:	RDS-I-05			
Calibration Status	:	Calibration on 29/12/2023 due on 29/12/2024			
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/A-01			
Environmental Condition while	:	Ambient Temperature: 28.7°C and Humidity: 48%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	20.83	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2/Sec 1) 2023
2.	Nitrogen dioxide as NO <sub>2</sub>	39.03	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	56.44	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	Carbon monoxide as CO	0.53	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019

[ #] Specified under National Ambient Air Quality Standards by CPCB:

[ \*] 24 hourly monitoring values; [ \*\*] 1 hourly monitoring values

**Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.
4. The results apply to the sample as received.

**Reshma S. Patil  
(Authorized Signatory)****Himani P. Joshi  
(Report Reviewed By)**

-End of Test Report-





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/09/99

Issue Date: 28/09/2024

Name of Customer	:	Caroa Properties LLP.			
Name of Site	:	“Godrej Highlands” Khalapur, District-Raigad			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of Sample	:	Ambient Noise			
Location Details	:	At the periphery of site			
Date of Sampling	:	24/09/2024	Period of Sampling	:	Spot
Start Time of Sampling	:	11:30 Hr.	End Time of Sampling	:	12:00 Hr.
Monitored By	:	AESPL	Transported By	:	AESPL
Date of Data Receipt	:	25/09/2024	Sample Identification	:	N-24/09/99
Environmental	:	Climate: Clear		Ambient Temp: 31°C	
Transportation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.			
Sampling Equipment	:	Noise meter - Centre C-390 SL-I-11			
Calibration Status	:	Calibrated on 11/03/2024; calibration due on 10/03/2025			
Project/ Job Number	:	Godrej properties LLP dtd 03Aug2015			
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling	:	IS 9989 RA:2023			
Sr. No.	Location		Noise Level dB(A)		
1.	EWS I		50.6		
2.	EWS II		52.8		
3.	Near construction area		53.1		
4.	Near site office		53.4		
5.	Near site entrance		54.6		
Limit as per EP Act for daytime at Residential area			55.0		

**Conformity Statement:** Noise Levels at all the locations are found below the stipulated limits

### Note:

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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

*Reshmi*

Reshma S. Patil  
(Authorized Signatory)



*Himani*

Himani P. Joshi  
(Report Reviewed By)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025.**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/09/217**Issue Date:** 28/09/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	24/09/2024	<b>Time of Sample Drawn</b>	:	11.30 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	25/09/2024	<b>Sample Identification</b>	:	W- 24/09/217
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	25/09/2024 to 26/09/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 27°C, Air Temperature: 30°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 28.9°C and Humidity: 92%			
Sr. No.	Parameter	Result	Limits (IS 10500:RA2018)		Method of Analysis
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) 2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) 2023
3.	pH@25°C	7.42	6.5 – 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) 2021
5.	Hardness as CaCO <sub>3</sub> , mg/l	42	200 Max	600 Max	IS-3025(P-21) RA2023
6.	Iron as Fe, mg/l	0.030	0.3 Max	No relaxation	IS-3025(P-53) 2024
7.	Chloride as Cl <sup>-</sup> , mg/l	10	250 Max	1000 Max	IS-3025(P-32) RA2019
8.	Fluoride as F <sup>-</sup> , mg/l	0.30	1.0 Max	1.5 Max	IS-3025(P-60) 2023
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) RA2022

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

- The test report shall not be reproduced except in full, without written approval of laboratory.
- Results relate only to the items tested.
- Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

*Reshmi***Reshma S. Patil.**  
(Authorized Signatory)*Himani***Himani P. Joshi.**  
(Report Reviewed By)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025**Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM**-MH-19-0029787**Test Report  
(Water)****Ref. No.:** AESPL/LAB/C/W-24/09/217**Issue Date:** 28/09/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad			
<b>Nature of Sample</b>	:	Drinking water	<b>Location of Sample</b>	:	Office Pantry
<b>Date of Sample Drawn</b>	:	24/09/2024	<b>Time of Sample Drawn</b>	:	11.30 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	25/09/2024	<b>Sample Identification</b>	:	W- 24/09/217
<b>Sample Quantity &amp; Container</b>	:	F-1 lit; Plastic can.			
<b>Date of Sample Analysis</b>	:	25/09/2024 to 26/09/2024			
<b>Environmental Conditions at site</b>	:	Water Temperature: 27°C, Air Temperature: 30°C, Water Cooler and surrounding was clean.			
<b>Transportation Condition</b>	:	Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 28.9°C and Humidity: 92%			
Sr. No.	Parameter	Result	<b>Limits (IS 10500:RA2018)</b>		<b>Method of Analysis</b>
			Acceptable	Permissible	
10.	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P- 8) 2023

**Conformity Statement:** Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.

**Reshma S. Patil.**  
(Authorized Signatory)**Himani P. Joshi.**  
(Report Reviewed By)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015 &amp; ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)

Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

**Test Report  
(Microbiology - Water)**

Ref. No.: AESPL/LAB/B/Mw-24/09/213

Issue Date: 28/09/2024

Name of Customer	:	Caroa Properties LLP. Regd. Office: Godrej One, 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway, Vikroli (East) Mumbai - 400079		
Name of Site	:	Godrej Highlands, Khalapur, District-Raigad.		
Nature of Sample	:	Drinking water	Location of Sample	: Office pantry
Date of Sample Drawn	:	24/09/2024	Time of Sample Drawn	: 11:35 am
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	25/09/2024	Sample Identification	: Mw- 24/09/213
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	25/09/2024 to 26/09/2024		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	Godrej properties LLP dtd 03Aug2015		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 23.5°C and Humidity: 48 %		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021

**Conformity Statement:** Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.**Note:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.

**Pranali N. Patil  
(Authorized Signatory)****Himani P. Joshi  
(Report Reviewed By)**

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**  
 Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025  
**Laboratory:** P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222  
**E-mail:** [pglab@aespl.co.in](mailto:pglab@aespl.co.in), Tel: 9112844844,  
**CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**



**Test Report**  
**(Soil)**

**Ref. No.:** AESPL/LAB/C/S-24/09/27**Issue Date:** 05/10/2024

Name of Customer		: Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079			
Name of Site		: “Godrej Highlands” Khalapur, District-Raigad			
Nature of Sample		: Soil	Location of Sample		: Near DG Set
Date of Sample Drawn		: 24/09/2024	Time of Sample Drawn		: 03:30 pm
Sample Drawn By		: AESPL	Transported By		: AESPL
Date of Sample Receipt		: 25/09/2024	Sample Identification		: S-24/09/27
Sample Quantity & Container		: 1kg; PG bag & Aluminum container			
Date of Sample Analysis		: 25/09/2024 to 04/10/2024			
Environmental Conditions at site			: Area: Clean, Colour: Brown		
Transportation Condition			: Kept soil in polythene bag in a dry place		
Project/ Job number			: Godrej properties LLP dtd 03Aug2015		
Reference of Sampling			: AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation			: AESPL/LAB/SOP/7.3.1/S-01		
Environmental Condition while Testing			: Ambient Temperature: 28.7°C and Humidity: 62%		
Sr.	Parameter with Unit		Result		Method of analysis
1.	pH@25°C		6.72		IS 2720 (part 26); RA2021
2.	Conductivity@25°C, µS/cm		5184		IS-14767; RA 2021
3.	Water content, %		8.6		IS 2720 (part 2); RA2020
4.	Organic Carbon, %		0.34		IS 2720 (part 22); RA2020
5.	Available Nitrogen, %		0.0112		AESPL/LAB/SOP/72.1.2/S-05; 01.07.22
6.	Potassium as K, kg/he		70		AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22
7.	Sulphate, mg/kg		40		AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22
8.	Available Phosphorous, kg/ha		34		AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22
9.	Calcium; Ca, meq/l		52		AESPL/LAB/SOP/7.2.1.2/S-11; 01.07.22
10.	Magnesium; Mg, meq/l		26		AESPL/LAB/SOP/7.2.1.2/S-12; 01.07.22
11.	Sodium; Na, kg/hector		80		IS 9497: 2015
12.	Texture, %	Clay	74		AESPL/LAB/SOP/7.2.1.2/S-17; 01.07.22
		Silt	12		
		Fine sand	14		

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**Sushma A Gujar.**  
**(Authorized Signatory)**



**Himani P. Joshi.**  
**(Report Reviewed By)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as “**Environmental Laboratory**” valid up to 24.04.2025**Laboratory:** P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in), Tel: 9112844844,CIN: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787**Test Report  
(Soil)****Ref. No.:** AESPL/LAB/C/S-24/09/27**Issue Date:** 05/10/2024

<b>Name of Customer</b>	:	Caroa Properties LLP Regd. Office: Godrej One 5 <sup>th</sup> Floor Pirojshanagar Eastern Express Highway Vikroli (East) Mumbai – 400079		
<b>Name of Site</b>	:	“Godrej Highlands” Khalapur, District-Raigad		
<b>Nature of Sample</b>	:	Soil	<b>Location of Sample</b>	: Near DG Set
<b>Date of Sample Drawn</b>	:	24/09/2024	<b>Time of Sample Drawn</b>	: 03:30 pm
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	:	25/09/2024	<b>Sample Identification</b>	: S-24/09/27
<b>Sample Quantity &amp; Container</b>	:	1kg; PG bag & Aluminum container		
<b>Date of Sample Analysis</b>	:	25/09/2024 to 04/10/2024		
<b>Environmental Conditions at site</b>	:	<b>Area:</b> Clean, <b>Colour:</b> Brown		
<b>Transportation Condition</b>	:	Kept soil in polythene bag in a dry place		
<b>Project/ Job number</b>	:	Godrej properties LLP dtd 03Aug2015		
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/S-01		
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 28.7°C and Humidity: 62%		
<b>Sr.</b>	<b>Parameter with Unit</b>	<b>Result</b>		<b>Method of analysis</b>
13.	Zinc as Zn, mg/kg	2.4		EPA Method 3050 B.2:1996
14.	Nickel as Ni, mg/kg	0.24		EPA Method 3050 B.2:1996
15.	Chromium; Cr, mg/kg	3.4		EPA Method 3050 B.2:1996
16.	Iron as Fe, mg/kg	4.8		EPA Method 3050 B.2:1996
17.	Texture, %	Clay	62	AESPL/LAB/SOP/7.2.1.2/S-17; 01.07.22
		Silt	16	
		Fine sand	22	

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**Sushma A Gujar.**  
(Authorized Signatory)**Himani P. Joshi.**  
(Report Reviewed By)

-End of Test Report-

**Government of Maharashtra**

SEAC-2013/CR 62/TC-1  
 Environment department  
 Room No. 217, 2<sup>nd</sup> floor,  
 Mantralaya Annexe,  
 Mumbai- 400 032.  
 Dated: 13<sup>th</sup> March, 2014

To,  
 M/s Caroa Properties Pvt. Ltd.  
 K-301, Tarapore Towers,  
 New Link Road, Oshiwara,  
 Andheri (W), Mumbai- 400053

**Subject: Environmental clearance for proposed Township development at kind valley Panvel, Sun Valley at Khalapur, Dist. Raigad by M/s. Caroa Properties LLP**

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 21<sup>st</sup> meeting & SEAC-II in its 7<sup>th</sup> & 13<sup>th</sup> meetings decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 60<sup>th</sup> & 65<sup>th</sup> Meetings.

2. It is noted that the proposal is for grant of Environmental Clearance for proposed Township development at kind valley Panvel, Sun Valley at Khalapur, Dist. Raigad. SEAC considered the project under screening category 8(b) B1 as per EIA Notification 2006.

**Brief Information of the project submitted by Project Proponent is as:**

<b>Name of Project</b>	Proposed Residential Township Development Project
<b>Project Proponent</b>	M/s Caroa Properties Pvt. Ltd.
<b>Consultant</b>	Aditya Environmental Services Pvt. Ltd
<b>Type of project</b>	Residential Township Project
<b>Location of the project</b>	Plot No. – list of survey numbers attached as Annexure I Village Khanewale, Tal: Panvel, Village Talegaon, Tal: Khalapur, Dist: Raigad.
<b>Total Plot Area</b>	446368.66 sqm ~110.31 acer
<b>Deductions</b>	
<b>Net Plot Area</b>	
<b>Permissible FSI (including TDR etc.)</b>	223204.56 sqmt
<b>Proposed Built-up Area (FSI &amp; Non-FSI)</b>	FSI area: 223204.56 sqm( excluding Free of FSI balcony area) Non FSI area: 31931.78 sqm Total Built up area: 275671.18 sqm
<b>Ground coverage Percentage</b>	Less than 30 %



<b>Estimated cost of the Project</b>	616 crores ( inclusive of Land cost)			
<b>No. of buildings &amp; its configuration</b>	<b>Genre</b>	<b>Units Typology</b>	<b>Building Configuration</b>	<b>No Of Bldgs</b>
	Residential			
	Group Housing	380 SFT- STUDIO- TYPE A	Stilt+12Flrs	6
		680 SFT- 2BHK C - TYPE B	2podium+13flrs	8
		800 SFT- 2BHK S - TYPE C	2podium+13flrs	8
		950 SFT- 3BK C - TYPE D	2podium+12flrs	7
		1120 SFT - 3BHK S - TYPE E	2podium+13flrs	4
				33
	Villa Housing	3000 SFT - SMALL	Grd + 1 Upper	19
		4000 SFT - BIG	Grd + 1 Upper	14
				33
	School	NA	Grd + 4 Upper	1
	Hospital	NA	Grd + 4 Upper	1
	Retail	NA	Grd +2 Upper	1
	Clubhouse	NA	Grd + 2 Upper	1
<b>No. of tenants &amp; shops</b>	Residential flats + villas= 2594 + 1 retail center			
<b>No. of expected residents /users</b>	12,990(Residential building) + 1836 floating population=[190 (retail) + 380(Club house) + (1186)school + (80) hospital ] = 14,826 max			
<b>Tenant density/hectare</b>	332 Nos / hectare			



<b>Height of the building (s)</b>	<b>Genre</b>	<b>Building Configuration</b>	<b>Height in Meters</b>
	Residential		
	Group Housing	Stilt+12FLRS	39 m
		2podium+13flrs	45 m
		2podium+13flrs	45 m
		2podium+12flrs	42 m
		2podium+13flrs	45 m
	Villa Housing	Grd + 1 Upper	8 m
		Grd + 1 Upper	8 m
	School	Grd + 4 Upper	21 m
	Hospital	Grd + 4 Upper	21 m
	Retail	Grd +2 Upper	12.6 m
	Clubhouse	Grd + 2 Upper	12.6 m
<b>Right of the way</b>	60 m on NH4, 18 m dedicated internal road.		
<b>Turning radius</b>	9 m		
<b>Existing structure</b>	Land is vacant		
<b>Total Water Requirement</b>	<p>Construction phase: 1300 cmd  Operation phase: 2800 cmd</p> <p>Dry Season:  Fresh Water (cmd): 1031 KLD Source: MJP  Recycled Water:- 1118 KLD  Total Water Requirement:- 1548 KLD  Fire fighting (cmd):- 400 KL* 3= 1200 KL</p> <p>Wet Season:  Fresh Water (cmd): 1031 kld  Source: MJP  Recycled Water:- 1118 KLD from STP  Total Water Requirement:- 1548 KLD  Fire fighting (cmd):- 400 KL * 3=1200 KL</p>		

**Rain Water Harvesting (RWH)**

1-Day Capacity Tanks						
Dimensions In M				Volume Per Unit	Nos. Provided	Total Volume Provided
L	B	Dia	H	Cum		Cum
1-Day Capacity Tanks						
As per the detail calculation						3987.20
Multiple Ring Wells With Filtration Media Around						
		6.00	6.00	169.67	15.00	2545.02
Existing Ring Well With Filtration Media Around						
		6.00	9.00	254.50	1.00	254.50
Proposed Pond						
7,060.80			3.50	24,712.80	1.00	24712.80
Artificial Pond With Bund Wall						
602.00			1.50	903.00	12.00	10836.00
Total						42335.52 cu.m.

**Budgetary allocation (Capital cost and O&M cost)**

	Capital cost (Rs in lakhs)	O&M cost (Rs in lakhs)
Rainwater harvesting	205	1

<b>Storm Water Drainage</b>	Natural water drainage pattern West to east Quantity of storm water : 7290 cum/hour Size of SWD : 1300 mm (depth) by 750 mm (width) (final)							
<b>Sewage and Waste water</b>	I. Sewage generation (cmd) :- 1315 cmd II. STP technology:- MBBR Technology III. Capacity of STP:- 1350 cmd IV. Location of STP :- SE side of the project IV. DG sets (during emergency):- 11 DG sets, total load- 4568 kVA. Common area lighting : 100%. Fire Pump : 100% Hospital : 100% Common Area Pumps : 60% Club House : 50% Retails : 50% School : 50% V. Budgetary allocation (Capital cost and O&M cost):- <table border="1"> <tr> <th></th><th>Capital cost (Rs. in lakhs)</th><th>O&amp;M cost (Rs.in lakhs)</th></tr> <tr> <td>Sewage treatment plant</td><td>Rs. 396 lakhs</td><td>Rs 2.5 lakhs</td></tr> </table>			Capital cost (Rs. in lakhs)	O&M cost (Rs.in lakhs)	Sewage treatment plant	Rs. 396 lakhs	Rs 2.5 lakhs
	Capital cost (Rs. in lakhs)	O&M cost (Rs.in lakhs)						
Sewage treatment plant	Rs. 396 lakhs	Rs 2.5 lakhs						
<b>Solid waste Management</b>	Waste generation in Pre Construction and Construction phase Waste Generation :- Debris – 8580 kg/day							



	<p>Quantity of Top soil to be preserved : 46,500 m<sup>3</sup> Disposal of construction way debris : used for filling the plot and maintaining natural slopes</p> <p>Waste Generation in Operation Phase-7413kg/day Dry waste Kg/day:- 4447.8kg/day Wet waste Kg/day:- 2965.2kg/day Biomedical Waste (kg/month) : 120 kg/day STP Sludge (Dry sludge) Kg/day : 393 kg/day</p> <p>Mode of Disposal of Waste :- Dry waste: - segregation and sale of recyclables, inerts to approved landfill site. Wet waste :- biodegradable waste to compost Biomedical waste: biomedical waste will be treated in an incinerator by authorized parties. STP Sludge (Dry sludge) : mix with wet waste and convert that into compost Area Requirement : Location and Total area provided for the treatment and storage of solid waste : 24,000 sqm</p> <table><tr><td></td><td>Capital cost (Rs in lakhs)</td><td>O &amp; M cost (Rs in lakhs)</td></tr><tr><td>Solid waste management</td><td>83.51 lacs</td><td>2 lacs</td></tr></table>		Capital cost (Rs in lakhs)	O & M cost (Rs in lakhs)	Solid waste management	83.51 lacs	2 lacs
	Capital cost (Rs in lakhs)	O & M cost (Rs in lakhs)					
Solid waste management	83.51 lacs	2 lacs					
<b>Green Belt Development</b>	<p>Total RG area :</p> <p>RG area other than greenbelt (please specify for playground etc) (sq. m.): - 145686.96 ( 36 acres) RG area under Green Belt RG on the ground (sq.m) : 2000 sqm RG on the podium (sq.m) : NOT APPLICABLE</p> <p>Plantation Number &amp; list of Tree species to be planted in the ground RG: 3200 trees Tree species Existing &amp; to be retained: there are 103 tree species present on site and 5104 trees will be retained. Details of existing trees is given in Annexure 2 Number, size age and species of trees to be cut or transplanted : Existing trees on proposed site: 6679 Trees affected by building development- 1391 Trees affected by golf course development- 184</p> <p>Budgetary allocation (Capital cost and O&amp;M cost)</p> <table><tr><td></td><td>Capital cost ( Rs in lakhs)</td><td>O&amp;M cost (Rs in lakhs)</td></tr><tr><td>Green belt</td><td>36</td><td>3.5</td></tr></table>		Capital cost ( Rs in lakhs)	O&M cost (Rs in lakhs)	Green belt	36	3.5
	Capital cost ( Rs in lakhs)	O&M cost (Rs in lakhs)					
Green belt	36	3.5					



<b>Energy</b>	<p>Power supply : Maximum Demand 1200 kW Construction phase &amp; 12.245 KVA during Operation phase Connected Load: 28,583 kVA in operation phase. Source : Mahaviteran Energy saving by non-conventional method : Energy Saving Measure:</p> <p>Detailed calculations &amp; % of saving</p> <table><tr><th>Utility Zone</th><th>Total load in kVA with conventional type</th><th>Total load in kVA with energy eff.</th><th>Savings in energy due to energy eff equipments</th><th>Total savings in energy</th></tr><tr><td>Z 1</td><td>4444</td><td>3329</td><td>1115</td><td rowspan="4">30 %</td></tr><tr><td>Z 2</td><td>6447</td><td>5126</td><td>1322</td></tr><tr><td>Z 3</td><td>3404</td><td>2565</td><td>839</td></tr><tr><td>total</td><td>15884</td><td>12245</td><td>3639</td></tr></table> <p>Also, every alternate street light will be solar based.</p> <p>Energy saving can be achieved due to following: Use of CFL lamps instead of GLS lamps for flats Use of CFL lamps instead of GLS lamps for common area lights Use of T5 lamps instead of Normal Fluorescent lamps in basements Using electronic ballast for discharge lamps Energy saving by using 13 watt CFL lamps as against 60 w incandescent lamps for houses</p> <p>Compliances of the ECBC Guidelines : (Yes/No) (if yes, then submit compliance in Tabular form) :</p> <p>Budgetary allocation (Capital cost and O&amp;M cost)</p> <table><tr><th></th><th>Capital cost (Rs in lakhs)</th><th>O&amp;M cost (Rs in lakhs)</th></tr><tr><td>Energy Saving Devices + Solar lighting</td><td>216.5</td><td>2.16</td></tr></table> <p>DG Set: total DG load capacity is 4586 kVA Number and capacity of DG sets to be used: 11 DG sets of varying capacity. Type of fuel used : HSD</p>	Utility Zone	Total load in kVA with conventional type	Total load in kVA with energy eff.	Savings in energy due to energy eff equipments	Total savings in energy	Z 1	4444	3329	1115	30 %	Z 2	6447	5126	1322	Z 3	3404	2565	839	total	15884	12245	3639		Capital cost (Rs in lakhs)	O&M cost (Rs in lakhs)	Energy Saving Devices + Solar lighting	216.5	2.16
Utility Zone	Total load in kVA with conventional type	Total load in kVA with energy eff.	Savings in energy due to energy eff equipments	Total savings in energy																									
Z 1	4444	3329	1115	30 %																									
Z 2	6447	5126	1322																										
Z 3	3404	2565	839																										
total	15884	12245	3639																										
	Capital cost (Rs in lakhs)	O&M cost (Rs in lakhs)																											
Energy Saving Devices + Solar lighting	216.5	2.16																											
<b>Traffic Management</b>	<p>Nos. of the junction to the main road &amp; design of confluence: 1 central road and 3 arterial roads. Parking Details : Number &amp; area of basement : not applicable Number &amp; area of podium : 2 levels &amp; 87,088 sqm Open Parking: 344 no's &amp; 8600 sqm.</p>																												

	<p>Covered Parking : 2488 &amp; 87,088 (Podium + Stilts + surface)  Total parking area : 95,688 sqm (Podium + Stilts + Surface)  Area per car: Basement : not applicable  Per car Podium: 35 sq.m.  Per car Overall Covered : 35 sq.m</p> <p>2-Wheeler: - 25 parkings/buildiing  4-Wheeler:-  Public Transport: 4 shuttle buses, 20 seater  Width of all Internal roads: - 18 m</p>		
<b>Environmental Management plan Budgetary Allocation</b>	Construction phase (with Break-up)-		
	Environment Protection Measure	Capital Cost (Rs. in lakhs)	Recurring Cost per annum (Rs. in lakhs)
	Debris/Top soil Management	95	--
	Toilets for labour + drinking water + first aid arrangement	10	1.5
	TOTAL		
	II. Operation Phase (with Break-up)-		
	Environment Protection Measure	Capital Cost (Rs. in lakhs)	Recurring Cost per annum (Rs. in lakhs)
	Sewage Treatment Plant	396	2.5
	Solid Waste Management	83.51	2
	Inert waste management	5	0.50
	Rain Water Harvesting	205	1
	Green Belt	36	3.5
	Energy saving features + Solar Water Heater/ Solar Power	216.5	2.16
	TOTAL	924.11	17.66
	Quantum and generation of Corpus fund and commitment:- N.A		
	Responsibility for further O &M : proponents' service company will maintain O & M		

3. The proposal has been considered by SEIAA in its 61<sup>st</sup> & 65<sup>th</sup> meetings & decided to accord environmental clearance to the said project under the provisions of Environment



Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

- (i) As committed , all street lights in project should be solar power based & all common area lighting and all fixtures in the villas should be LED compliant resulting total energy saving 52% as against proposed 30%
- (ii) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR provisions, environmental issues applicable in this matter should be verified. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
- (iii) 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.
- (iv) "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.
- (v) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- (vi) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. 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.
- (vii) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.
- (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 off to the approved sites for land filling after recovering recyclable material.
- (x) 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.
- (xi) Arrangement shall be made that waste water and storm water do not get mixed.
- (xii) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (xiii) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- (xiv) Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xv) 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.
- (xvi) 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.
- (xvii) 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.
- (xviii) 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.
- (xix) 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.
- (xx) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- (xxi) 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.
- (xxii) 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.
- (xxiii) 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).
- (xxiv) Ready mixed concrete must be used in building construction.



Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

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- (xxiv) Ready mixed concrete must be used in building construction.



- (xxv) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
- (xxvi) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- (xxvii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xxviii) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- (xxix) 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.
- (xxx) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- (xxxi) 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.
- (xxxii) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
- (xxxiii) 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.
- (xxxiv) 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.
- (xxxv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement
- (xxxvi) 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.
- (xxxvii) Diesel power generating sets proposed as source of back up 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.



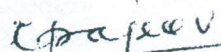
- (xxxviii) Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- (xxxix) Traffic congestion near the entry 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.
- (xl) 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 aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement
- (xli) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- (xlii) 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.
- (xlili) 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.
- (xliv) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
- (xlv) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (xlvi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- (xlvii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xlviii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise 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.
- (xlix) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.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 1<sup>st</sup> June & 1<sup>st</sup> 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.
  - (lii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
  - (liii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
  - (liv) The environmental statement for each financial year ending 31<sup>st</sup> 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 Environmental 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 for a period of 5 years.
  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 environmental clearance shall lie with the National Green Tribunal , Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli – 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
(R.A. Rajeev)  
Principal Secretary,  
Environment department &  
MS, SEIAA

**Copy to:**

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri. Ravi Bhushan Budhiraja, Chairman, SEAC-II, 5-South, Dilwara Apartment, Cooperage, M.K.Road, Mumbai 400021
3. Additional Secretary, MOEF, 'Paryavaran Bhawan' CGO Complex, Lodhi Road, New Delhi – 110510
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Collector, Raigad.
7. Regional Office, MPCB, Raigad.
8. 1A- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
9. Select file (TC-3).

(EC Uploaded on 15 May, 14)



# STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: February 10, 2018

To,  
**Caroa Properties LLP.**  
at List of survey numbers attached as Annexure 1

**Subject:** Environment Clearance for Amendment in Environment Clearance of Proposed Integrated Township Project known as "Godrej City - Panvel"

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 114th meetings.

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

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

1.Name of Project	Amendment in Environment Clearance of Proposed Integrated Township Project known as "Godrej City - Panvel"
2.Type of institution	Private
3.Name of Project Proponent	Caroa Properties LLP.
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Integrated Township Project
6.New project/expansion in existing project/modernization/diversification in existing project	Diversification in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	YES
8.Location of the project	List of survey numbers attached as Annexure 1
9.Taluka	Taluka - Panvel & Taluka - Khalapur
10.Village	Village Khanavale & Village Talegaon
Correspondence Name:	Mr. Ravi Khubchandani & 6 Others (M/s Caroa Properties LLP)
Room Number:	0
Floor:	5th Floor
Building Name:	Godrej One
Road/Street Name:	Pirojshanagar, Eastern Express Highway
Locality:	Vikhroli East
City:	Mumbai
11.Area of the project	CIDCO - NAINA
12.IOD/IOA/Concession/Plan Approval Number	Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/Layout/2016/4261 dated 9th August 2016. CIDCO Buildings Plans with CC - CIDCO/NAINA/STP/BP-79/2017/152 dated 14th March 2017. Approved FSI BUA - 2,09,642.4 Sq.m. <b>IOD/IOA/Concession/Plan Approval Number:</b> Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/Layout/2016/4261 dated 9th August 2016. CIDCO Buildings Plans with CC - CIDCO/NAINA/STP/BP-79/2017/152 dated 14th March 2017. <b>Approved Built-up Area:</b> 209642.4178
13.Note on the initiated work (If applicable)	As per previous EC Granted vide No. SEAC-2013/CR 62/TC-1 dated 13th March 2014.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/Layout/2016/4261 dated 9th August 2016. CIDCO Buildings Plans with CC - CIDCO/NAINA/STP/BP-79/2017/152 dated 14th March 2017. Approved FSI BUA - 2,09,642.4 Sq.m.

**SEIAA Meeting No: 114 Meeting Date: February 1, 2018 ( SEIAA-STATEMENT-000000706 )**  
**SEIAA-MINUTES-0000000242**  
**SEIAA-EC-0000000169**

Page 1 of 12

**Shri Satish.M.Gavai (Member Secretary SEIAA)**

15.Total Plot Area (sq. m.)	4, 31,675.638
16.Deductions	NA
17.Net Plot area	NA
18.Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 209642.4178
	Non FSI area (sq. m.): 74156.8000
	Total BUA area (sq. m.): 283799.2178
19.Total ground coverage (m2)	125185.935
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29%
21.Estimated cost of the project	6160000000



# Government of Maharashtra

Shri Satish.M.Gavai (Member  
Secretary SEIAA)



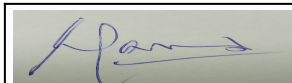
22.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
23.Total Water Requirement				
Dry season:	Source of water	MJP		
	Fresh water (CMD):	1248		
	Recycled water - Flushing (CMD):	922		
	Recycled water - Gardening (CMD):	733		
	Swimming pool make up (Cum):	675		
	Total Water Requirement (CMD) :	2170		
	Fire fighting - Underground water tank(CMD):	0		
	Fire fighting - Overhead water tank(CMD):	19 nos. of FWT of 1650 KL total capacity		
	Excess treated water	189		
Wet season:	Source of water	MJP		
	Fresh water (CMD):	1248		
	Recycled water - Flushing (CMD):	922		
	Recycled water - Gardening (CMD):	0		
	Swimming pool make up (Cum):	398		
	Total Water Requirement (CMD) :	1548		
	Fire fighting - Underground water tank(CMD):	0		
	Fire fighting - Overhead water tank(CMD):	19 nos. of FWT of 1650 KL total capacity		
	Excess treated water	922		
Details of Swimming pool (If any)	Total 4 Swimming Pools 2 swimming pools - 30m x 15m X 1.2m = 540kld 2 swimming pools - 15m X 7.5m x 1.2m - 135kLD			

24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		Avg. at site level is 7 m						
	Size and no of RWH tank(s) and Quantity:		NA						
	Location of the RWH tank(s):		NA						
	Quantity of recharge pits:		56 Nos. of 6 cum. each						
	Size of recharge pits :		Size 2500 dia. X 2500 depth						
	Budgetary allocation (Capital cost) :		Rs. 205 Lacs						
	Budgetary allocation (O & M cost) :		Rs. 1 Lacs/annum						
	Details of UGT tanks if any :		Below Ground Level						
26.Storm water drainage	Natural water drainage pattern:		The storm water collected through the storm water drains of adequate capacity will be discharged into the municipal SWD						
	Quantity of storm water:		Outfall 1: 10000 cum/hr, Outfall 2: 5400 cum/hr, Outfall 3: 5333 cum/hr, Outfall 4: 2912 cum/hr						
	Size of SWD:		Outfall 1:2.00mx1.20m, Outfall 2:2# 900 dia Hume pipe, Outfall 3: 1.00mx1.20m, Outfall 4: 0.70mx0.90m						
27.Sewage and Waste water	Sewage generation in KLD:		1844 KLD						
	STP technology:		MBBR						
	Capacity of STP (CMD):		17 Nos. of total capacity 2200. (335, 325, 185, 10, 170, 80, 245, 165, 40, 40, 40, 35, 10, 130, 130, 130, 130)						
	Location & area of the STP:		Ground Level / Collection tank Below Ground Level & Equipment above ground						
	Budgetary allocation (Capital cost):		Rs. 396 Lacs						
	Budgetary allocation (O & M cost):		Rs. 3 Lacs/annum						

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	All Excavated earth of shall be used for backfilling on site.
	<b>Disposal of the construction waste debris:</b>	Used for filling the plot and maintaining natural slopes
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1200
	<b>Wet waste:</b>	2271
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	40
	<b>STP Sludge (Dry sludge):</b>	100
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Segregation and sale of recyclables, inerts to approved landfill site
	<b>Wet waste:</b>	OWC
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	Biomedical waste will be treated in an incinerator by authorized parties
	<b>STP Sludge (Dry sludge):</b>	Mix with wet waste and convert that into compost
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground Level
	<b>Area for the storage of waste &amp; other material:</b>	300 Sq. m
	<b>Area for machinery:</b>	300 SQ.M INCLUDING AREA FOR MACHINERY
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 84.00
	<b>O &amp; M cost:</b>	Rs. 2 Lacs /annum

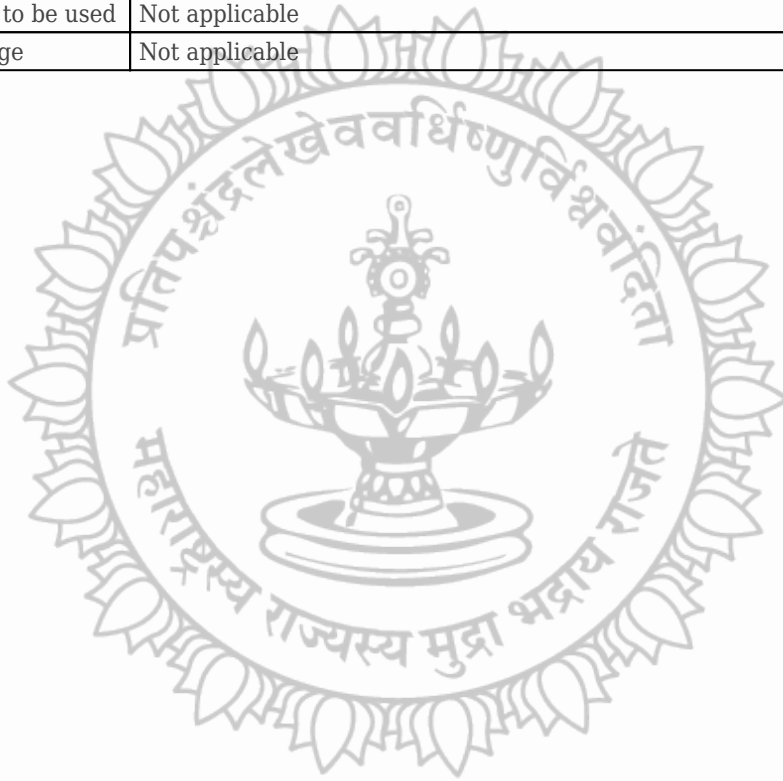
Government of  
Maharashtra



**Shri Satish.M.Gavai (Member Secretary SEIAA)**

**29.Effluent Charecterestics**

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



# Government of Maharashtra

Shri Satish.M.Gavai (Member  
Secretary SEIAA)

30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details						
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

32.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
Source of Fuel		Not applicable		
Mode of Transportation of fuel to site		Not applicable		

33.Energy		
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	1200 KW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	15,121 KW
	During Operation phase (Demand load):	25,246 KW
	Transformer:	NA
	DG set as Power back-up during operation phase:	16 Nos. of total capacity 5965 KVA (1 Nos. x 40 KVA ; 5 Nos. x 100 KVA; 1 Nos. x 200 KVA; 3 Nos. x 500 KVA; 4 Nos. x 600 KVA; 1 Nos. x 625 KVA; 1 Nos. x 700 KVA)
	Fuel used:	HSD / Diesel
	Details of high tension line passing through the plot if any:	NA

34.Energy saving by non-conventional method:	
Provision of Electronic ballast , Use of CFL / T5 lamps, Solar street lighting , Savings due to use of VFD driven hydropneumatic plumbing systems and lifts	

36.Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	Provision of Electronic ballast , Use of CFL / T5 lamps, Solar street lighting , Savings due to use of VFD driven hydropneumatic plumbing systems and lifts	27%

37.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):		Capital cost:	Rs. 220.00 Lacs				
		O & M cost:	Rs. 4 Lacs/annum				
38.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Debris/Top soil Management	NA	90				
2	Toilets for labour + drinking water + first aid arrangement	NA	10				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sewage Treatment Plant	NA	396	3			
2	Solid Waste Management	NA	84	2			
3	Inert waste management	NA	5	1			
4	Rain Water Harvesting	NA	205	1			
5	Green Belt	NA	36	4			
6	Energy saving features + Solar Water Heater/ Solar Power	NA	220	4			
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Any Other Information							
No Information Available							

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

**3. The proposal has been considered by SEIAA in its 114th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

**General Conditions:**

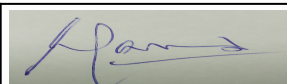
<b>I</b>	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
<b>II</b>	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
<b>III</b>	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
<b>IV</b>	PP has to abide by the conditions stipulated by SEAC & SEIAA.
<b>V</b>	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
<b>VI</b>	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
<b>VII</b>	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
<b>VIII</b>	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
<b>IX</b>	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
<b>X</b>	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
<b>XI</b>	Arrangement shall be made that waste water and storm water do not get mixed.
<b>XII</b>	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
<b>XIII</b>	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.
<b>XIV</b>	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
<b>XV</b>	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.
<b>XVI</b>	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.



<b>XVII</b>	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.
<b>XVIII</b>	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.
<b>XIX</b>	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
<b>XX</b>	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.
<b>XXI</b>	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.
<b>XXII</b>	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).
<b>XXIII</b>	Ready mixed concrete must be used in building construction.
<b>XXIV</b>	Storm water control and its re-use as per CGWB and BIS standards for various applications.
<b>XXV</b>	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
<b>XXVI</b>	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
<b>XXVII</b>	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.
<b>XXVIII</b>	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.
<b>XXIX</b>	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
<b>XXX</b>	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.
<b>XXXI</b>	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.
<b>XXXII</b>	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
<b>XXXIII</b>	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.
<b>XXXIV</b>	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.
<b>XXXV</b>	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.
<b>XXXVI</b>	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.
<b>XXXVII</b>	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.
<b>XXXVIII</b>	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
<b>XXXIX</b>	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.
<b>XL</b>	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.
<b>XLI</b>	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.

<b>XLII</b>	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.
<b>XLIII</b>	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.
<b>XLIV</b>	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
<b>XLV</b>	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
<b>XLVI</b>	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
<b>XLVII</b>	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
<b>XLVIII</b>	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.
<b>XLIX</b>	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .
<b>L</b>	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.
<b>LI</b>	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
<b>LII</b>	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
<b>LIII</b>	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
<b>LIV</b>	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

# Government of Maharashtra



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

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

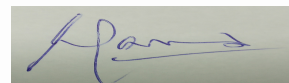
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

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

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

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

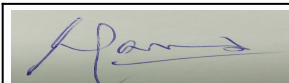


Shri Satish.M.Gavai (Member Secretary SEIAA)

**Copy to:**

1. SHRI ANAND. B. KULKARNI, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI JOHNY JOSEPH, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MPCB RAIGAD
10. REGIONAL OFFICE MIDC RAIGAD
11. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
12. COLLECTOR OFFICE RAIGAD

Government of  
Maharashtra





## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: June 25, 2020

To,  
**Caroa Properties LLP**  
at At Village Khanavale - S.No: 23/1, 27/1, 27/2, 28, 29/1, 29/2, 29/3, 29/4, 29/5, 30/1, 30/2, 31, 32/2, 33/1, 33/2, 34/1a, 36/1, 36/2, 37/1, 37/2, 38, 39, 40, 41/1, 41/2, 42/1, 42/2, 42/3, 42/4, 43, 44/1, 44/2, 44/3, 44/4, 47/1, 47/2, 50/4, 50/5, 50/6a, 50/6b, 50/7, 50/8, 50/9, 50/10, 50/12, 50/13, 50/14, 51, 61/1, 63/3, 63/5, 65/2, 66, 68, 69, 70/1, 70/2, 71, 72, 73, 74, 75, 76/1, 76/2, 77, 78, 81/2, 81/3, 82/2a, 82/3, 82/4, 82/5, 83/1, 84/1, 85/1, 86/1, 109/1, 113, 118/2 and At Village Talegaon - S.No.: 4/1, 4/2, 4/3, 4/4, 4/5, 4/6, 5/2A, 5/2B, 6/1, 6/2, 6/5, 6/6, 7/1, 7/2, 7/3A, 7/3B, 7/3B8, 7/3B97/4, 7/B1, 7/B2, 7/B3, 7/B4, 7/B5, 7/B6, 7/B7, 7/C1, 7/C2, 7/C3, 7/C4, 7/C5, 7/C6, 7/C7, 7/C8, 7/C9, 7/C10, 7/C11, 7/C12, 8/1A1, 8/1A2, 8/1A3, 8/1A4, 8/1A5, 8/1A6, 8/1A7, 8/3A1, 8/3A2, 8/3A3, 8/3A4, 8/3A5, 8/3A6, 8/3A7, 8/3A8, 8/3A9, 8/3A10, 8/3A11, 8/3A12, 8/B1, 8/B2, 8/B3, 8/B4, 8/B5, 8/B6, 8/B7, 8/C1, 8/C2, 8/D1, 8/D2, 8/D3, 8/D4, 8/D5, 8/D6, 8/D7, 8/D8, 8/D9, 9/1, 9/2, 9/B1, 9/B2, 9/B3, 9/B4, 9/B5, 9/B6, 9/B7, 9/B8, 9/B9, 9/B10, 9/C1, 9/C2, 9/C3, 9/C4, 9/C5, 9/C6, 9/C7, 9/C8, 9/C9, 9/C10, 9/C11, 9/D1, 9/D2, 9/D3, 9/D4, 9/D5, 9/D6, 9/D7, 9/D8, 9/D9, 9/D10,

**Subject:** Environment Clearance for Expansion - Integrated Township Project

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 132nd meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 199th meetings.

2. It is noted that the proposal is considered by SEAC-II under screening category 8 (b) Category B as per EIA Notification 2006.

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

<b>1.Name of Project</b>	Expansion - Godrej City, Panvel
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Caroa Properties LLP
<b>4.Name of Consultant</b>	ADITYA ENVIRONMENTAL SERVICES PVT LTD
<b>5.Type of project</b>	Integrated Township Project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Expansion - Integrated Township Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Previous EC vide no. SEAC-2013/CR 62/TC-1 dated 13th March 2014 & Amendment vide no. SEIAA-EC-0000000169 dated 10th Feb 2018
<b>8.Location of the project</b>	At Village Khanavale - S.No: 23/1, 27/1, 27/2, 28, 29/1, 29/2, 29/3, 29/4, 29/5, 30/1, 30/2, 31, 32/2, 33/1, 33/2, 34/1a, 36/1, 36/2, 37/1, 37/2, 38, 39, 40, 41/1, 41/2, 42/1, 42/2, 42/3, 42/4, 43, 44/1, 44/2, 44/3, 44/4, 47/1, 47/2, 50/4, 50/5, 50/6a, 50/6b, 50/7, 50/8, 50/9, 50/10, 50/12, 50/13, 50/14, 51, 61/1, 63/3, 63/5, 65/2, 66, 68, 69, 70/1, 70/2, 71, 72, 73, 74, 75, 76/1, 76/2, 77, 78, 81/2, 81/3, 82/2a, 82/3, 82/4, 82/5, 83/1, 84/1, 85/1, 86/1, 109/1, 113, 118/2 and At Village Talegaon - S.No.: 4/1, 4/2, 4/3, 4/4, 4/5, 4/6, 5/2A, 5/2B, 6/1, 6/2, 6/5, 6/6, 7/1, 7/2, 7/3A, 7/3B, 7/3B8, 7/3B97/4, 7/B1, 7/B2, 7/B3, 7/B4, 7/B5, 7/B6, 7/B7, 7/C1, 7/C2, 7/C3, 7/C4, 7/C5, 7/C6, 7/C7, 7/C8, 7/C9, 7/C10, 7/C11, 7/C12, 8/1A1, 8/1A2, 8/1A3, 8/1A4, 8/1A5, 8/1A6, 8/1A7, 8/3A1, 8/3A2, 8/3A3, 8/3A4, 8/3A5, 8/3A6, 8/3A7, 8/3A8, 8/3A9, 8/3A10, 8/3A11, 8/3A12, 8/B1, 8/B2, 8/B3, 8/B4, 8/B5, 8/B6, 8/B7, 8/C1, 8/C2, 8/D1, 8/D2, 8/D3, 8/D4, 8/D5, 8/D6, 8/D7, 8/D8, 8/D9, 9/1, 9/2, 9/B1, 9/B2, 9/B3, 9/B4, 9/B5, 9/B6, 9/B7, 9/B8, 9/B9, 9/B10, 9/C1, 9/C2, 9/C3, 9/C4, 9/C5, 9/C6, 9/C7, 9/C8, 9/C9, 9/C10, 9/C11, 9/D1, 9/D2, 9/D3, 9/D4, 9/D5, 9/D6, 9/D7, 9/D8, 9/D9, 9/D10,
<b>9.Taluka</b>	Panvel & Khalapur
<b>10.Village</b>	Khanavale & Talegaon
<b>Correspondence Name:</b>	Mr. Ravi Khubchandani & 6 Others
<b>Room Number:</b>	0
<b>Floor:</b>	5th
<b>Building Name:</b>	Godrej One

**SEIAA Meeting No: 199 Meeting Date: June 12, 2020 ( SEIAA-STATEMENT-0000003475 )**  
**SEIAA-MINUTES-0000003226**  
**SEIAA-EC-0000002285**



<b>Road/Street Name:</b>	Eastern Express Highway
<b>Locality:</b>	Pirojshanagar
<b>City:</b>	Mumbai
<b>11. Whether in Corporation / Municipal / other area</b>	CIDCO - NAINA
<b>12. IOD/IOA/Concession/Plan Approval Number</b>	Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/Layout/2016/4261 dated 9th August 2016. Amended Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/2018/1626 dated 9th May 2018. CIDCO Buildings Plans with CC for Phase 1 Resi, EWS-1 & EA - CIDCO/NAINA/STP/BP-79/2017/152 dated 14th March 2017. CIDCO Buildings Plans with CC for Amended EA & EWS - CIDCO/NAINA/STP/BP-79/CC/2018/1647 dated 11th May 2018. CIDCO Buildings Plans with CC for Phase 2 Resi. & EWS-3 - CIDCO/NAINA/STP/BP-79/CC/2018/2078 dated 7th September 2018. <b>IOD/IOA/Concession/Plan Approval Number:</b> Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/Layout/2016/4261 dated 9th August 2016. Amended Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/2018/1626 dated 9th May 2018. CIDCO Buildings Plans with CC for Phase 1 Resi, EWS-1 & EA - CIDCO/NAINA/STP/BP-79/2017/152 dated 14th March 2017. CIDCO Buildings Plans with CC for Amended EA & EWS - CIDCO/NAINA/STP/BP-79/CC/2018/1647 dated 11th May 2018. CIDCO Buildings Plans with CC for Phase 2 Resi. & EWS-3 - CIDCO/NAINA/STP/BP-79/CC/2018/2078 dated 7th September 2018. <b>Approved Built-up Area:</b> 209642.42
<b>13. Note on the initiated work (If applicable)</b>	Work on site as per EC granted vide No. SEAC-2013/CR 62/TC-1 dated 13th March 2014. & Amended EC granted vide No. SEIAA-EC-0000000169 dated 10th February 2018
<b>14. LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/Layout/2016/4261 dated 9th August 2016. Amended Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/2018/1626 dated 9th May 2018. CIDCO Buildings Plans with CC for Phase 1 Resi, EWS-1 & EA - CIDCO/NAINA/STP/BP-79/2017/152 dated 14th March 2017. CIDCO Buildings Plans with CC for Amended EA & EWS - CIDCO/NAINA/STP/BP-79/CC/2018/1647 dated 11th May 2018. CIDCO Buildings Plans with CC for Phase 2 Resi. & EWS-3 - CIDCO/NAINA/STP/BP-79/CC/2018/2078 dated 7th September 2018.
<b>15. Total Plot Area (sq. m.)</b>	534652
<b>16. Deductions</b>	0
<b>17. Net Plot area</b>	534652
<b>18 (a). Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>FSI area (sq. m.):</b> 908908.4 <b>Non FSI area (sq. m.):</b> 354801.6 <b>Total BUA area (sq. m.):</b> 1263710
<b>18 (b). Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 908908.4 <b>Approved Non FSI area (sq. m.):</b> 354801.6 <b>Date of Approval:</b> 07-09-2018
<b>19. Total ground coverage (m2)</b>	173644.2766
<b>20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	32
<b>21. Estimated cost of the project</b>	29180000000

Government of  
Maharashtra

22.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
23.Total Water Requirement				
Dry season:	Source of water	MJP		
	Fresh water (CMD):	4148		
	Recycled water - Flushing (CMD):	2328		
	Recycled water - Gardening (CMD):	137		
	Swimming pool make up (Cum):	675		
	Total Water Requirement (CMD) :	7288		
	Fire fighting - Underground water tank(CMD):	41 Nos. of total 4050 KLD capacity		
	Fire fighting - Overhead water tank(CMD):	10KL in each wing		
	Excess treated water	5500		
Wet season:	Source of water	MJP		
	Fresh water (CMD):	4148		
	Recycled water - Flushing (CMD):	2328		
	Recycled water - Gardening (CMD):	0		
	Swimming pool make up (Cum):	675		
	Total Water Requirement (CMD) :	7151		
	Fire fighting - Underground water tank(CMD):	41 Nos. of total 4050 KLD capacity		
	Fire fighting - Overhead water tank(CMD):	10KL in each wing		
	Excess treated water	5637		
Details of Swimming pool (If any)	Total 7 Swimming Pools 3 swimming pools - 30m x 15m X 1.2m = 540 KLD 4 swimming pools - 15m X 7.5m x 1.2m - 135 KLD Average at site is 7 meters			



24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		Average at site is 7 meters						
	Size and no of RWH tank(s) and Quantity:		2.00m x 2.00m x 2.50m & 56 Nos						
	Location of the RWH tank(s):		Consider in each phase						
	Quantity of recharge pits:		130 Nos						
	Size of recharge pits :		2.50m Dia and 2.50m depth Deep bore well recharge pit						
	Budgetary allocation (Capital cost) :		50,000 Rs (without Borewell) and 2,00,000 Rs (with Borewell)						
	Budgetary allocation (O & M cost) :		2,000 Rs per pit per annum						
	Details of UGT tanks if any :		Below Ground Level						
26.Storm water drainage	Natural water drainage pattern:		The storm water collected through the storm water drains of adequate capacity will be discharged into the municipal SWD						
	Quantity of storm water:		43000.45 cum						
	Size of SWD:		1.5 x 1.5 m						
27.Sewage and Waste water	Sewage generation in KLD:		8850						
	STP technology:		MBBR						
	Capacity of STP (CMD):		23 Nos of STP						
	Location & area of the STP:		as per drawing						
	Budgetary allocation (Capital cost):		for minimum 300 KL 62,35,000 Rs. & maximum 900 KL 1,80,00,000 Rs.						
	Budgetary allocation (O & M cost):		for minimum 300 KL 9,62,000 Rs. & maximum 900 KL 30,00,000 Rs.						

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	All Excavated earth of shall be used for backfilling on site.
	<b>Disposal of the construction waste debris:</b>	Used for filling the plot and maintaining natural slopes
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	7131
	<b>Wet waste:</b>	12225
	<b>Hazardous waste:</b>	817
	<b>Biomedical waste (If applicable):</b>	100
	<b>STP Sludge (Dry sludge):</b>	916
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Segregation- Recyclables sold to authorised vendors for recycling and non-recyclables/inerts sent to approved landfill site.
	<b>Wet waste:</b>	OWC
	<b>Hazardous waste:</b>	Hazardous waste will be safely stored and handed over to an authorised treatment and disposal facility
	<b>Biomedical waste (If applicable):</b>	Biomedical waste will be treated in an incinerator by authorized parties
	<b>STP Sludge (Dry sludge):</b>	It will be mixed with wet waste and convert that into compost and reused as manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	for minimum 1 Ton 80 sq.m Rs & maximum 5 Tons 500 sq.m
	<b>Area for machinery:</b>	for minimum 1 Ton 100 sq.m & maximum 5 Tons 1000 sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	for minimum 1 Ton 22,00,000 Rs & maximum 5 Tons 86,70,000 Rs
	<b>O &amp; M cost:</b>	Rs.2000 per ton per day

Government of  
Maharashtra

## 29.Effluent Charecterestics

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



# Government of Maharashtra

30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Not applicable	Not applicable	Not applicable	Not applicable			
Source of Fuel		Not applicable					
Mode of Transportation of fuel to site		Not applicable					
33.Energy							
Power requirement:	Source of power supply :	MSDCL					
	During Construction Phase: (Demand Load)	1200 KW					
	DG set as Power back-up during construction phase	100 KVA					
	During Operation phase (Connected load):	96.70 MW					
	During Operation phase (Demand load):	34.75 MW (43 MVA)					
	Transformer:	91 Nos. 630 kVA & 2 Nos. 320 kVA					
	DG set as Power back-up during operation phase:	1 Nos. x 750 KVA, 19 Nos. x 625 KVA, 2 Nos. x 500 KVA, 3 Nos. x 320 KVA, 1 Nos. x 200 KVA, 1 Nos. x 160 KVA, 1 Nos. x 125 KVA, 1 Nos. x 100 KVA, 2 Nos. x 75 KVA, 1 Nos. x 60 KVA, 3 Nos. x 50 KVA, 1 Nos. x 40 KVA					
	Fuel used:	High Speed diesel					
	Details of high tension line passing through the plot if any:	NA					
34.Energy saving by non-conventional method:							
Solar street lighting							
36.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures			Saving %			
1	Provision of Electronic ballast			5% Energy saving using Low Loss Transformer as per ECBC Against Conventional Transformer, 25% Energy saving using Automatic Timer operation Against Manual operation for External,Facade & Landscape & Common Area Lighting.			
2	Use of CFL / T5 lamps			40 % of saving by using LED light as compare to CFL light			
3	Solar street lighting			30% Energy saving in overall Street lighting load by using standby solar street lights.			
4	Savings due to use of VFD driven hydropneumatic plumbing systems and lifts			20%Energy saving using VFD for pumps, Basement ventilation and Lift with High Efficiency Motors.			

37.Details of pollution control Systems							
Source	Existing pollution control system		Proposed to be installed				
Not applicable	Not applicable		Not applicable				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 580.00 Lacs					
	O & M cost:	Rs. 58 Lacs/annum					
38.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	TOP SOIL MANAGEMENT	NA	90				
2	TOILETS FOR LABOUR + DRINKING WATER + FIRST AID MANAGEMENT	NA	10				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	SEWAGE TREATMENT PLANT	NA	396	3			
2	SOLID WASTE MANAGEMENT	NA	84	2			
3	INERT WASTE MANAGEMENT	NA	5	1			
4	RAIN WATER HARVESTING	NA	205	1			
5	GREEN BELT	NA	36	4			
6	ENERGY SAVING FEATURES + SOLAR POWER	NA	220	4			
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Any Other Information							
No Information Available							



	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	0
	<b>Category as per schedule of EIA Notification sheet</b>	8 (b) Category B
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

**3. The proposal has been considered by SEIAA in its 199th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	1. PP to make provision that convenient shopping should be developed in phase-I.
<b>II</b>	2. PP to approach planning authority for developing sewer line, sewerage disposal system. He may take up the same for planning authority under CER, if he so wishes.
<b>III</b>	PP stated that the project will be completed in six phases. Till the completion of last phase the project will be net zero discharge in dry season, as the treated sewage will be used for Construction of on-going phases. Local body to ensure that the project of any phase is zero net discharge from STP Or till the treated sewage is connected to commissioned sewer line & disposal system established by the planning authority.
<b>IV</b>	4. PP to ensure that BOD of treated water should be less than 10 mg/lit or as per standards of MPCB.
<b>V</b>	5. PP to use norms of RTE act / ITP regulations, which ever are more stringent in development of school building..
<b>VI</b>	6. PP to upload the design & cross section of STPs and to ensure that minimum 40% area of every STPs is open to sky for adequate ventilation.
<b>VII</b>	7. PP to provide minimum 25% electric charging points/ stations in parking areas.
<b>VIII</b>	8. PP to lay sewer network, storm water drainage network, water supply lines, ducts for telecom, optic fibre, cooking gas pipelines and other utilities along the length of roads and ducts across road at regular interval also for water supply, telecom optic fibre, cooking gas & other utility services.
<b>IX</b>	9. Eco Friendly Transportation such as Electric bus facility or any other should be provided for the residents to go to nearest railway stations bus stand, market, school and hospitals.
<b>X</b>	10. PP to prepare DMP for non-working of STP or STPS in any of the case.
<b>XI</b>	11. PP to ensure that environment monitoring plan is prepared and implemented in EMP.
<b>XII</b>	12. At present 18 meter approach road is provided to the project. Local body to ensure that OC is not granted to buildings developed from 5th Phase onwards, till the alternate road network is developed by Planning Authority.
<b>XIII</b>	13. In view of experience from current Covid-19 Pandemic in order to try to reduce the incidences of infection on workers/ migrant labourers who otherwise are required to ferry from long distances to work site, the PP may provide for them adequate residential accommodation (doesn't matter even dormitory type) along with necessary health care facilities for commercial establishments at project site during operation phase also.
<b>XIV</b>	14. PP to provide central garden & RG shown on plan & PP to ensure that no conversion should be done regarding RG/Garden in further development.
<b>XV</b>	15. The PP to follow all conditions given in location Clearances and NoCs given by different public authorities like Collector, Forest department, Fire services department etc.
<b>XVI</b>	16. The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
<b>XVII</b>	17. PP to submit CER fund prescribed by MoEF&CC circular dated 1.5.2018 for green field project and take up activities under CER 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.
<b>XVIII</b>	PP to ensure that CER plan gets approved from Municipal Commissioner.
<b>XIX</b>	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.



XX	SEIAA decided to grant EC for - FSI: 4,75,146.620 m2, Non-FSI: 2,01,548.364 m2 and Total BUA: 6,76,694.984m2 (Plan Approval no-, Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/Layout/2016/4261 dated 9th August 2016. Amended Sanctioned Layout with CC - CIDCO/NAINA/STP/BP-79/2018/1626 dated 9th May 2018. CIDCO Buildings Plans with CC for Phase 1 Resi, EWS-1 & EA - CIDCO/NAINA/STP/BP-79/2017/152 dated 14th March 2017. CIDCO Buildings Plans with CC for Amended EA & EWS - CIDCO/NAINA/STP/BP-79/CC/2018/1647 dated 11th May 2018. CIDCO Buildings Plans with CC for Phase 2 Resi. & EWS-3 - CIDCO/NAINA/STP/BP-79/CC/2018/2078 dated 7th September 2018.)
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**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 off to the approved sites for land filling after recovering recyclable material.
X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .

<b>L</b>	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.
<b>LI</b>	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
<b>LII</b>	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
<b>LIII</b>	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
<b>LIV</b>	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.



# Government of Maharashtra

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

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

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

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

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

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

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

**Copy to:**

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

Shri. Anil Diggikar (Member Secretary SEIAA)

Government of  
Maharashtra





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

To,

The -1

CAROA PROPERTIES LLP

5th floor, Godrej One, Vikhroli East, Mumbai City  
Mumbai 400 079 -400079

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/INFRA2/438130/2023 dated 28 Jul 2023. The particulars of the environmental clearance granted to the project are as below.

- |                                            |                                                                                                                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. EC Identification No.                   | EC24B039MH170091                                                                                                                                                                                                |
| 2. File No.                                | SIA/MH/INFRA2/438130/2023                                                                                                                                                                                       |
| 3. Project Type                            | Expansion                                                                                                                                                                                                       |
| 4. Category                                | B                                                                                                                                                                                                               |
| 5. Project/Activity including Schedule No. | 8(b) Townships and Area Development projects.                                                                                                                                                                   |
| 6. Name of Project                         | Amendment in Environmental Clearance for Proposed expansion of Integrated Township project at Village Khanavale and Talegaon, Panvel and Khalapur Talukas, Raigad District, Maharashtra by Caroa Properties LLP |
| 7. Name of Company/Organization            | CAROA PROPERTIES LLP                                                                                                                                                                                            |
| 8. Location of Project                     | MAHARASHTRA                                                                                                                                                                                                     |
| 9. TOR Date                                | N/A                                                                                                                                                                                                             |

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

Date: 19/08/2024

(e-signed)  
Pravin C. Darade , I.A.S.  
Member Secretary  
SEIAA - (MAHARASHTRA)

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

*This is a computer generated cover page.*

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

No. SIA/MH/INFRA2/438130/2023  
Environment & Climate  
Change Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.

To  
M/s.Caroa Properties LLP.,  
Village: Khanavale and Talegaon,  
Talukas: Panvel and Khalapur,  
District Raigad.

**Subject :** Environmental clearance for Proposed expansion of Integrated Township Project Godrej City, Panvel at Village: Khanavale and Talegaon, Talukas: Panvel and Khalapur, District Raigad by M/s.Caroa Properties LLP.

**Reference :** Application no. SIA/MH/INFRA2/438130/2023

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 212<sup>th</sup> meeting under screening category 8 (b) B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 277<sup>th</sup> meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 4<sup>th</sup> July, 2024.

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

Sr. No.	Description	Details	
1	Proposal Number	SIA/MH/INFRA2/438130/2023	
2	Name of Project	Proposed Expansion of "Integrated Township Development Project"	
3	Project category	Category 8 (b) 'B1'	
4	Type of Institution	Private	
5	Project Proponent	Name	Mr. Amit R. Sharma
		Regd. Office address	CAROA PROPERTIES LLP, 5th floor, Godrej One, Vikhroli East, Mumbai City Mumbai 400 079
		Contact number	02266510200
		E-mail	gplcaroa@godrejproperties.com
6	Consultant	Aditya Environmental Services Pvt. Ltd. Accreditation no: NABET/EIA/2225/RA 0262 Date of validity: 01.05.2025	
7	Applied for	Amendment and Expansion in EC	
8	Location of the project	VILLAGE WISE SURVEY NOS. Plot bearing "38,74,36/1,73,30/1,75,42/4,42/1,42/3,32/2,39,43,44/4,70/1,70/2,72,76/1,76/2,78,68,81/2A,81/2B,40,47/2,50/12,50/	

		13,69,41/1,41/2,44/3,47/1,71,36/2,37/1,37/2, 27/1, 29/2, 29/3, 29/5, 30/2, 31/1, 33/1, 33/2, 34/1A, 42/2, 44/1, 45, 46, 50/4, 50/5, 50/6B, 64, 74, 75, 81/3, 82/2A, 82/4, 82/5, 83/1, 84/1, 85/1, 86/1, 112/1, 112/2, 113 OF VILLAGE KHANAVLE, PANVEL & 6/1,6/5,7/1,6/6,7/2,7/3A,7/4,5/2A,5/2B,9/2,4/1,4/2,4/3,4/4,4/5,4/6,7/3B,7/B1,7/B2,7/B3,7/B4,7/B5,7/B6,7/B7,7/C1,7/C2,7/C3,7/C4,7/C5,7/C6,7/C7,7/C8,8/3A1,8/3A2,8/3A3,8/3A4,8/3A5,8/3A6,8/3A7,8/3A8,8/3A9,8/3A10,8/D1,8/D2,8/D3,8/D4,8/D5,8/D6,8/D7,8/D8,8/B1,8/B2,8/B3,8/B4,8/B5,8/B6,8/C1,8/C2,8/1A1,8/1A2,8/1A3,8/1A4,8/1A5,8/1A6,9/B1,9/B2,9/B3,9/B4,9/B5,9/B6,9/B7,9/B8,9/D1,9/D2,9/D3,9/D4,9/D5,9/D6,9/D7,9/D8,9/C1,9/C2,9/C3,9/C4, 9/C5, 9/C6, 9/C7, 9/C8, 9/C9, 7/C9,7/C10, 6/2, 7/3/B/8, 7/3/B/9, 7/C/11, 7/C/12, 8/1/A/7, 8/3/A/11, 8/3/A/12, 8/B/7, 8/D/9, 8/D/10, 9/1, 9/B/9, 9/B/10, 9/C/10, 9/C/11, 9/D/9, 9/D/10 OF VILLAGE TALEGOAN, KHALAPUR, DIST-RAIGAD."
9	Latitude and Longitude	Latitude: 18°56'18.58" N Longitude: 73°11'31.70" E.
10	Plot Area (sq.m.)	5,21,006.302 sq.m
11	Deductions (sq.m.)	--
12	Net Plot area (sq.m.)	5,21,006.302 sq.m
13	Ground coverage (m2) & %	58,090.05 sq.m & 11%
14	FSI Area (sq.m.)	8,25,796.922 sq.m
15	Non-FSI (sq.m.)	2,69,965.755 sq.m
16	Proposed built-up area (FSI + Non FSI) (sq.m.)	10,95,762. 677 sq.m
17	TBUA (m <sup>2</sup> ) approved by Planning Authority till date	FSI area: 4,75,146.620 sq.m Non FSI area: 2,01,548.364 sq.m GCBUA: 6,76,694.984 sq.m plan approval: • CIDCO/NAINA/STP/BP-79/LAYOUT/2016/4261 dated 9th August 2016. • Amended sanctioned layout with CC- CIDCO/NAINA/STP/BP-79/2018/1626 dated 9th May 2018. • CIDCO Buildings Plans with CC for Phase 1 Resi, EWS-1 & EA – CIDCO/NAINA/STP/BP-79/2017/152 dated 14th March 2017. • CIDCO Buildings Plans with CC for Amended EA & EWS – CIDCO/NAINA/STP/BP-79/CC/2018/1647 dated 11th May 2018. • CIDCO Buildings Plans with CC for Phase 2 Resi. & EWS-3 – CIDCO/NAINA/STP/BP-79/CC/2018/2078

		dated 7th September 2018.)					
18	Earlier EC details with Total Construction area, if any.			EC identification no. SEIAA-EC-0000002285 TOR date: 20.06.2019 EC grant date: 25.06.2020 Total plot area: 4,31,675.638 sq.m FSI area: 4,75,146.620 sq.m Non FSI area: 2,01,548.364 sq.m Total built up area: 6,76,694.984 sq.m			
19	Construction completed as per earlier EC (FSI + Non FSI) (sq.m.)			FSI area: 1,38,690.54 sq.m Non FSI area: 47,023.63 sq.m GCBUA: 1,85,714.16 sq.m			
20	Previous EC / Existing Building			Proposed Configuration			Reason for Modification / Change
	Building Name	Configuration	Height (m)	Building Name	Configuration	Height (m)	
	Residential Phase 1 (3 Towers)	T1, T2, T3: G + 13 floors	Completed	Residential Phase 1 (3 Towers)	3 Towers Tower 1: P + S + 13 Tower 2: G+13 Tower 3: G+13 floors	38.40	No Change and completed
	Residential Zone 2(1 Tower)	G + 10 floors	32.2	Residential Zone 2 (1 Tower)	2 Towers: 5 Podium + Stilt + 31 UF each	111.30	Change in configuration
	Residential Phase 3 (1 Tower)	G + 10 floors	32.2	Residential Phase 3 (7 Towers)	7 Towers: 5 Podium + S + 40 UF each	138.30	Change in configuration and proposed addition of 6 residential towers
	Residential Zone 4 (Phase 2) (2 towers)	2 Towers: S + 27 floors Parking tower (MLCP): B+G+5 floors	Completed	Residential Zone 4 (Phase 2)	2 Towers: S + 27 floors Parking tower (MLCP): B+G+5 floors	81.95	No Change and completed
	Residential Phase 5 (7	T1: 39, T2-	203.0	Residential Phase 5 (7	7 Towers: Tower 1:	120.00	Tower 1 No Change



	towers)	T6: 6Pod+S+35;  T7: P+42		towers)	Gr + 39 Upper Floors Tower 2 to 6 are connected with 1 Basement and 4 Podiums Tower 2 :Gr + 39 Upper Floors Tower 3 : Gr + 36 Upper Floors Tower 4 : Gr + 38 Upper Floors Tower 5 : Gr + 41 Upper Floors Tower 6 : Gr + 41 Upper Floors Tower 7: Gr + 41 Upper Floors Club House: Ground + Mezzanine + 2 UF+ Terra ce Floor		Tower 2 to 6 Change in configuration and proposed addition of club house
	Residential Phase 6 (3 towers)	2B, T1 - G+ 18 and T2, T3 - G+ 17	90.2	Residential Phase 6 (2Towers)	2Towers: 5P + S+31 each	111.30	Change in building configuration and deletion of one residential tower
	Residential Phase 7 (1	G + 10 floors	32.2	Residential Phase 7	3 Towers: 5P + S+31	111.30	Change in configuration

	tower)			(3 towers)	each		and proposed addition of 2 residential towers
	EWS 1 (2 towers)	T1:S+11 floors T2:S+11 Floors		EWS 1 (2 towers)	T1: S + 11 floors T2: S+11 floors each	34.35	No Change and completed
	EWS 2 (1 tower)	G+13 Floors	(G+6)	EWS 2 (1 tower)	1 Tower: G+13 Floors	41.20	No Change and completed
	EWS 3 (2 towers)	Stilt +29 Floors & Stilt + 7 floors	86.35	EWS 3 (2 towers)	2 Towers: Tower 1 : G+ 1 podium + 21 floors, Tower 2 : G+ 1 podium + 30 floors	94.00	Change in configuration
	Commercial Zone 1 (1 tower)	B+P1/G +P2+P3 +Atrium + 8 floors	125.50	Commercial Zone 1 (1 tower)	1 Tower: 2 podiums + Gr + 10 floors	52.50	Change in configuration
	Commercial Zone 2 (1 tower)	3B+G+2 3 floors	92.3	Commercial Zone 2 (1 tower)	1 Tower: 3 podiums+ G+ 1st Floor (Retail) +10 floors	60.30	Change in configuration
	Commercial Zone 3 (2 towers)	3B+G+2 9 floors	120.3	Commercial Zone 3 (1 towers)	1 Tower: 3 podiums+ G+ 1st Floor (Retail) +10 floors	60.30	Change in configuration
	Commercial Zone 4 (1 tower)	G + 4 floors	20.3	Commercial Zone 4 (1 tower)	1 Tower: 3 podiums- G+10 floors	52.50	Change in configuration
	PHC (2)	PHC 1 Tower: G + 4 floors, PHC 2 Tower: G + 5 Floors	20.6		PHC 1 Tower: G + 4 floors	17.80	No change in building configuration of HC1 and HC2 not proposed
	Education (1 tower)	School tower 1 :	17.8	Education (2 towers)	School Tower 1:	24.80	Proposed addition of 3

		G +3 Floors			G +6 Floors, School Tower 2: G +6 Floors		floors in school tower 1 and proposed addition 1 school building
	AS 1	community markets: G + 3 Floors	4	AS 1	community markets: G structure	4.45	Change in configuration
	AS 2	Townhall: G + 3 floors	4	AS 2	community markets: G structure		Change in location
	AS3	Not proposed	-	AS3	Townhall: G + 2 structure	10.80	Townhall earlier proposed in AS2
	Public Utility 1	fire brigade + GSR: G Floor	4	Public Utility 1	fire brigade + GSR: G Floor	4.45	No Change
	Public Utility 2	Sewage Waste Management: G Floor	16.45	Public Utility 2	Police Station: G Floor	4.45	Change in location
	Public Utility 3	Cremation Ground: G Floor	-	Public Utility 3	Bus Depot: G Floor	4.45	Change in location
	Public Utility 4	Burial Ground: G Floor	-	Public Utility 4	Sewage waste management: G Floor	-	Change in location
	Public Utility 5	Bus Station/ Transport Hub: G Floor	17.95	Public Utility 5	Cremation ground	-	Change in location
	Public Utility 6	Police Station: G Floor	-	Public Utility 6	Burial ground	-	Change in usage
	Public Utility 7	Electrical Substation: G Floor	-	Public Utility 7	Electrical Substation	-	No change

	Public Utility 8	other PU: G Floor	4	Public Utility 8	other PU: G Floor	-	No Change																										
	Public utility 9	Public Parking facilities : G Floor	-	Public utility 9	Public Parking facilities: G Floor	-	No Change																										
	Public utility 10	Solid waste Management: G Floor	-	Public utility 10	Solid waste Management: G Floor	-	No Change																										
21	No. of Tenements & Shops			(Existing + Proposed): 26 Residential towers (no. of flats; 6644 nos.), 3 EWS towers (no. of flats; 1897 nos.), 4 Commercial towers + Shops Commercial in Existing phase 1 + Shops Commercial in Proposed Ph III (units: 604 nos.), 1 public health care Centre, , 2 nos. of Educational towers, 2 community markets, 1 townhall, 10 public utilities (fire brigade + GSR, Police Station, Bus Depot, Sewage waste management, Cremation ground, Burial ground, Electrical Substation, other, Public Parking facilities, Solid waste Management)																													
22	Total Population			Total Occupants: 53,833 nos. (Residential: 31,144 nos. + EWS: 7588 nos., Commercial: 12,309 nos., Schools: 4000 nos.+ Amenities: 609 nos. + PHC: 257 nos. + Public utilities: 183 nos.)																													
23	Total Water Requirements CMD			Total water requirement: 8115 CMD <table><tr><th rowspan="2">Water requirement</th><th rowspan="2">Source</th><th colspan="2">Total water requirement (cmd)</th></tr><tr><th>Dry Season</th><th>Wet Season</th></tr><tr><td>Domestic</td><td>MJP</td><td>4837</td><td>4837</td></tr><tr><td>Swimming pool</td><td>Tanker</td><td>602</td><td>602</td></tr><tr><td>Flushing</td><td>STP Recycled water</td><td>2562</td><td>2562</td></tr><tr><td>Gardening</td><td>STP Recycled water</td><td>114</td><td>0</td></tr><tr><td colspan="2">Total</td><td>8115</td><td>8001</td></tr></table>				Water requirement	Source	Total water requirement (cmd)		Dry Season	Wet Season	Domestic	MJP	4837	4837	Swimming pool	Tanker	602	602	Flushing	STP Recycled water	2562	2562	Gardening	STP Recycled water	114	0	Total		8115	8001
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24	Under Ground Tank (UGT) location	Underground																																																																															
25	Source of water	Supply from MJP + Recycled water from STP + Tanker																																																																															
26	STP Capacity & Technology	<p>STP Capacity: 15 Nos. x 6991 kld, Septic tanks: 5 nos. Technology: MBBR Technology</p> <table> <tr> <th>Description</th><th>Sewage generation (cmd)</th><th>STP capacity (cmd)</th></tr> <tr><td>RZ1</td><td>335</td><td>335</td></tr> <tr><td>RZ2</td><td>164</td><td>164</td></tr> <tr><td>RZ3</td><td>1028</td><td>1028</td></tr> <tr><td>RZ4</td><td>309</td><td>325</td></tr> <tr><td>RZ5</td><td>1170</td><td>1170</td></tr> <tr><td>RZ6</td><td>467</td><td>1100</td></tr> <tr><td>RZ7</td><td>304</td><td>304</td></tr> <tr><td>EWS1</td><td>207.20</td><td rowspan="3">350</td></tr> <tr><td>EWS2</td><td>72.35</td></tr> <tr><td>EWS3</td><td>679.78</td></tr> <tr><td>CZ1</td><td>886.32</td><td>886</td></tr> <tr><td>CZ2</td><td>47</td><td>47</td></tr> <tr><td>CZ3</td><td>141.65</td><td>148</td></tr> <tr><td>CZ4</td><td>212.81</td><td>221</td></tr> <tr><td>EDU1</td><td>77</td><td>77</td></tr> <tr><td>EDU2</td><td>77</td><td>77</td></tr> <tr><td>AS1 Community Markets</td><td>4</td><td>4</td></tr> <tr><td>AS2 Community Markets</td><td></td><td>4</td></tr> <tr><td>AS3 Townhall</td><td>19</td><td>19</td></tr> <tr><td>PHC</td><td>10</td><td>10</td></tr> <tr><td>Public Utility 1 (fire brigade + GSR)</td><td>3</td><td>1 (septic tank)</td></tr> <tr><td>Public Utility 2 (Police Station)</td><td>1</td><td>-</td></tr> <tr><td>Public Utility 3 (Bus Depot)</td><td>2</td><td>3 (septic tank)</td></tr> <tr><td>Public Utility 4 (Sewage waste management)</td><td>-</td><td>-</td></tr> <tr><td>Public Utility 5 (Cremation ground)</td><td>-</td><td>-</td></tr> <tr><td>Public Utility 6 (Burial</td><td>-</td><td>1 (septic tank)</td></tr> </table>	Description	Sewage generation (cmd)	STP capacity (cmd)	RZ1	335	335	RZ2	164	164	RZ3	1028	1028	RZ4	309	325	RZ5	1170	1170	RZ6	467	1100	RZ7	304	304	EWS1	207.20	350	EWS2	72.35	EWS3	679.78	CZ1	886.32	886	CZ2	47	47	CZ3	141.65	148	CZ4	212.81	221	EDU1	77	77	EDU2	77	77	AS1 Community Markets	4	4	AS2 Community Markets		4	AS3 Townhall	19	19	PHC	10	10	Public Utility 1 (fire brigade + GSR)	3	1 (septic tank)	Public Utility 2 (Police Station)	1	-	Public Utility 3 (Bus Depot)	2	3 (septic tank)	Public Utility 4 (Sewage waste management)	-	-	Public Utility 5 (Cremation ground)	-	-	Public Utility 6 (Burial	-	1 (septic tank)
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		ground)		
		Public Utility 7 (Electrical Substation)	-	-
		Public Utility 8 (other PU)	-	-
		Public utility 9 (Public Parking facilities)	-	-
		Public utility 10 (Solid waste Management)	-	-
		Public Utility 1 (fire brigade + GSR)	-	-
		<b>Total</b>	<b>62222</b>	<b>STPs: 15 Nos. x 6991 kld, Septic tanks: 5 nos.</b>
27	STP Location	On ground		
28	Sewage Generation CMD & % of sewage discharge in sewer line	Sewage generation: 6222 CMD % of sewage discharge in sewer line: 2612 cmd (49.38%)		
29	Solid Waste Management during Construction Phase	<b>Type</b>	<b>Quantity (Kg/d)</b>	<b>Treatment / disposal</b>
		Dry waste	40 kg/day	Will be segregated, and recyclable waste will be disposed off to authorized vendors.
		Wet waste	60 kg/day	
		Construction waste	2-3 MT	Surplus material will be disposed of as per C&D Waste Management Rules,2016.
30	Total Solid Waste Quantities with type during Operation Phase & Capacity of OWC to be installed	<b>Type</b>	<b>Quantity (Kg/d)</b>	<b>Treatment / disposal</b>
		Dry waste	7,323 kg/day	Will be segregated, and recyclable waste will be disposed off to authorized vendors.
		Wet waste	12,551.67 kg/day	Proposed organic waste converter onsite.
		E-Waste	As per generation	E waste will be sent to authorized dismantler or recycler.
		STP Sludge	4.97 kg	The dried STP sludge,

		(dry)		after appropriate drying, will be used as manure for gardening to the extent possible.
		<b>Capacity of OWC to be installed:</b>		
Sr. No.	Proposed Zone	OWC capacity	Approx. OWC area provision (in sq.m)	
1.	RZ1	450	77	
2.	RZ2	200	38	
3.	RZ3	1450	239	
4.	RZ4	400	67	
5.	RZ5	1350	130	
6.	RZ6	580	109	
7.	RZ7	200	71	
8.	EWS1	190	30	
9.	EWS2	75	14	
10.	EWS3	850	158	
11.	CZ1	1080	206	
12.	CZ2	90	16	
13.	CZ3	90	16	
14.	CZ4	130	25	
15.	EDU1	150	27	
16.	EDU2	150	27	
17.	AS1 Community Markets	10	2	
18.	AS2 Community Markets			
19.	AS3 Townhall	40	7	
20.	PHC	20	3	
21.	Public Utility 1 (fire brigade + GSR)	10	1	
22.	Public Utility 2 (Police Station)	10	1	
23.	Public Utility 3 (Bus Depot)	10	1	
24.	Public Utility 4 (Sewage waste management)	-	-	
25.	Public Utility 5 (Cremation)	-	-	

			ground)																		
		26.	Public Utility 6 (Burial ground)	-	-																
		27.	Public Utility 7 (Electrical Substation)	-	-																
		28.	Public Utility 8 (other PU)	-	-																
		29.	Public utility 9 (Public Parking facilities)	-	-																
		Total (kg/day)		-	1265																
31	R.G. Area in sq.m.	<table><tr><td colspan="4">RG required – 22,458.96 sq.m</td></tr><tr><td colspan="4">RG provided on Mother earth- 22,592.71 sq.m</td></tr><tr><td colspan="4">RG provided on Podium – Nil</td></tr><tr><td colspan="4">Total: 22,592.71 sq.m</td></tr></table> <p>Existing trees on plot:2556 nos. Number of trees to be cut: 1274 nos. Number of trees to be transplanted: 365 nos. Number of trees to be retained: 1282 nos.</p> <p>Number of trees to be planted: a) In RG area: 10,342 nos. b) In Miyawaki Plantation (with area): 4520-no. of trees to be planted and Miyawaki area: 1130 sq.m and cost estimate: Rs 22.60 lacs.</p> <p>Total nos. of trees after development: 10,342+ 4520+ 1282= 16,144 nos.</p>				RG required – 22,458.96 sq.m				RG provided on Mother earth- 22,592.71 sq.m				RG provided on Podium – Nil				Total: 22,592.71 sq.m			
RG required – 22,458.96 sq.m																					
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RG provided on Podium – Nil																					
Total: 22,592.71 sq.m																					
32	Power requirement	<p>During Operation Phase:</p> <table><tr><th>Details</th><th>Requirement</th></tr><tr><td>a) Connected load (MVA)</td><td>1,28,291 kW</td></tr><tr><td>b) Demand load (MVA)</td><td>47,360 kW</td></tr></table>				Details	Requirement	a) Connected load (MVA)	1,28,291 kW	b) Demand load (MVA)	47,360 kW										
Details	Requirement																				
a) Connected load (MVA)	1,28,291 kW																				
b) Demand load (MVA)	47,360 kW																				
33	Energy Efficiency	<p>c) Total Energy saving (%): 22.61%</p> <p>b) Solar energy (%): 5.77%</p>																			
34	D.G. set capacity	<p>DG sets: 32 Nos., 32,225 KVA</p> <p>Transformers: 63 Nos., 52,530 KVA</p>																			
35	No. of 4-W & 2-W Parking with 25% EV	<table><tr><th>Parking details</th><th>Required (nos.)</th><th>Proposed (nos.)</th></tr><tr><td>4-Wheeler</td><td>5269</td><td>6198</td></tr><tr><td>2-Wheeler</td><td>17,996</td><td>16,052</td></tr></table>	Parking details	Required (nos.)	Proposed (nos.)	4-Wheeler	5269	6198	2-Wheeler	17,996	16,052										
Parking details	Required (nos.)	Proposed (nos.)																			
4-Wheeler	5269	6198																			
2-Wheeler	17,996	16,052																			
36	No. & capacity of Rain water harvesting tanks /Pits	<table><tr><th>Particular</th><th>Tanks proposed (nos.)</th><th>Capacity (cmd)</th><th>Total capacity (cmd)</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Particular	Tanks proposed (nos.)	Capacity (cmd)	Total capacity (cmd)															
Particular	Tanks proposed (nos.)	Capacity (cmd)	Total capacity (cmd)																		



		RWH Pits	98	6 cu.m each having size of 2500 dia x 2500 depth.	
37	Project Cost in (Cr.)	Rs. 4714.62 Crs.			
38	EMP Cost	<b>During Construction phase:</b> INR. 115 lacs/Annum. <b>During Operation Phase:</b> 1.Capital Cost: INR. 3775 lacs 2.O& M Cost: INR 130.79 lacs/Annum.			
39	CER Details with justification if any.....as per MoEF&CC circular dated 01/05/2018	As per EMP			
40	Details of Court Cases/litigations w.r.t the project and project location, if any.	Nil			

The comparative statement showing the details of project as per the earlier EC and the proposed project is as below:

Sr. No.	Particular	As per previous EC – 25.06.2020	Proposal after expansion	Remark
1.	<b>AREA STATEMENT (in sq.m)</b>			
i.	Total plot area	4,31,675.638	5,21,006.342	Increase in plot area by 89,330.704 sq.m
ii.	FSI	4,75,146.620	8,25,796.922 sq.m	Increase in FSI area by 3,50,650.302 sq.m
iii.	Non FSI	2,01,548.364	2,69,965.755	Increase in Non FSI area by 68,417.391 sq.m
iv.	Gross Construction BUA	6,76,694.984 sq.m	10,95,762.677	Increase in Gross Construction BUA by 4,19,057.693 sq.m.
v.	RG area proposed	Provided: 24,418.68 Entire RG with open space: 1,81,724.13	Provided:22,592.71 Entire RG with open space: 2,19,362.25	Increase in RG area by 1825.97 sq.m
vi.	Ground coverage area	48,360.244	58,090.05	Increase in Ground coverage area by 9,729.806 sq.m
2.	<b>PROJECT COST (in Rs. crore)</b>	2918	4714.62	Increase in project cost

3.	NO. OF BUILDINGS, CONFIGURATION, HEIGHT, UNITS			
i.	No. of buildings	<ul style="list-style-type: none"> <li>• 18 residential towers,</li> <li>• 5 EWS towers,</li> <li>• 4 commercial towers,</li> <li>• 1 education towers,</li> <li>• 2 public health care centres,</li> <li>• 1 Townhall,</li> <li>• 1 Community market</li> <li>• 10 public utilities (fire brigade + GSR, Sewage Waste Management, Cremation Ground, Burial Ground, Bus Station/Transport Hub, Police Station, Electrical Substation, other PU, Public Parking facilities, Solid waste Management</li> </ul>	<ul style="list-style-type: none"> <li>• 26 residential towers,</li> <li>• 5 EWS towers,</li> <li>• 4 commercial towers,</li> <li>• 2 education towers,</li> <li>• 1 public health care centres,</li> <li>• 1 Townhall,</li> <li>• 2 Community market and</li> <li>• Public utilities (fire brigade + GSR, Sewage Waste Management, Cremation Ground, Burial Ground, Bus Station/Transport Hub, Police Station, Electrical Substation, other PU, Public Parking facilities, area for solid waste management).</li> </ul>	Expansion in existing buildings and addition of proposed buildings
Sr. No.	Particular	As per previous EC – 25.06.2020	Proposal after expansion	Remarks
4.	Building configuration			
i.	Residential Phase 1	3 Towers T1, T2, T3: G + 13 floors	3 Towers Tower 1: S + 13 Tower 2: G+13 Tower 3: G+13 floors	No Change and completed
ii.	Residential Zone 2	1 Tower: G + 10 floors	2 Towers: 5 Podium + Stilt + 31 UF each	Change in configuration
iii.	Residential Phase 3	1 Tower: G + 10 floors	7 Towers: 5 Podium + S + 40 UF each	Change in configuration and proposed addition of 6 residential towers
iv.	Residential Zone 4 (phase 2)	2 Towers: S + 27 floors Parking tower (MLCP): B+G+5 floors	Tower 1 & 2: Stilt +27 each Parking tower (MLCP):	No Change and completed

			B+G+5 floors	
v.	Residential Phase 5	7 Towers T1: 39, T2-T6: 6Pod+S+35; T7: P+42	7 Towers: Tower 1: Gr + 39 Upper Floors Tower 2 to 6 are connected with 1 Basement and 4 Podiums Tower 2: Gr + 39 Upper Floors Tower 3: Gr + 36 Upper Floors Tower 4: Gr + 38 Upper Floors Tower 5: Gr + 41 Upper Floors Tower 6: Gr + 41 Upper Floors Tower 7: Gr + 41 Upper Floors Club House: Ground + Mezzanine + 2 UF+ Terrace Floor	Tower 1 No Change Tower 2 to 6 Change in configuration and proposed addition of club house
Sr. No.	Particular	As per previous EC – 25.06.2020	Proposal after expansion	Remarks
4.	<b>Building configuration</b>			
i.	Residential Phase 1	3 Towers T1, T2, T3: G + 13 floors	3 Towers Tower 1: S + 13 Tower 2: G+13 Tower 3: G+13 floors	No Change and completed
ii.	Residential Zone 2	1 Tower: G + 10 floors	2 Towers: 5 Podium + Stilt + 31 UF each	Change in configuration
iii.	Residential Phase 3	1 Tower: G + 10 floors	7 Towers: 5 Podium + S + 40 UF each	Change in configuration and proposed addition of 6 residential towers
iv.	Residential Zone 4 (phase 2)	2 Towers: S + 27 floors Parking tower (MLCP): B+G+5 floors	Tower 1 & 2: Stilt +27 each Parking tower (MLCP): B+G+5 floors	No Change and completed

v.	Residential Phase 5	7 Towers T1: 39, T2-T6: 6Pod+S+35; T7: P+42	7 Towers: Tower 1: Gr + 39 Upper Floors Tower 2 to 6 are connected with 1 Basement and 4 Podiums Tower 2: Gr + 39 Upper Floors Tower 3: Gr + 36 Upper Floors Tower 4: Gr + 38 Upper Floors Tower 5: Gr + 41 Upper Floors Tower 6: Gr + 41 Upper Floors Tower 7: Gr + 41 Upper Floors Club House: Ground + Mezzanine + 2 UF+ Terrace Floor	Tower 1 No Change Tower 2 to 6 Change in configuration and proposed addition of club house
vi.	PHC	PHC 1 Tower: G + 4 floors	HC 1 Tower: G + 4 floors	No change in building
vii.	PHC	PHC 1 Tower: G + 5 Floors	Not proposed	configuration of HC1 and HC2 not proposed
viii.	Education	School 1 Tower: G +3 Floors	School Tower 1: G +6 Floors	Addition of 3 floors
ix.			School Tower 2: G +6 Floors	Proposed addition of 3 floors in school tower 1 and proposed addition 1 school building
x.	AS 1	community markets: G + 3 Floors	community markets: G structure	Change in configuration
xi.	AS 2	Townhall: G + 3 floors	community markets: G structure	Change in location
	AS 3	Not proposed	Townhall: G + 2 structure	Townhall earlier proposed in AS2
xii.	Public Utility 1	fire brigade + GSR: G Floor	fire brigade + GSR: G Floor	No Change
xiii.	Public Utility 2	Sewage Waste Management: G Floor	Police Station: G Floor	Change in location
xiv.	Public Utility 3	Cremation Ground	Bus Depot: G Floor	Change in location
	Public Utility 4	Burial Ground	Sewage waste management: G Floor	Change in location
	Public Utility 5	Bus Station/Transport Hub : G Floor	Cremation ground	Change in location
	Public Utility 6	Police Station : G Floor	Burial ground	Change in location
	Public Utility 7	Electrical Substation	Electrical Substation	No Change

	Public Utility 8	other PU: G Floor	other PU: G Floor	No Change
	Public utility 9	Public Parking facilities: G Floor	Public Parking facilities: G Floor	No Change
	Public utility 10	Solid waste Management: G Floor	Solid waste Management: G Floor	No Change

**Environmental Parameters:**

Sr. No	Particular	As per previous EC – 25.06.2020	Proposal after expansion	Remark
1.	<b>NUMBER OF USERS (nos.)</b>			Increase in no. of users by 16,550 nos.
a.	Residential + Commercial	37,283 nos.	53,833 nos.	
2.	<b>WATER CONSUMPTION (cmd)</b>			Increase in water demand by 827 cmd
a.	Source	MJP + STP Recycled water	MJP + STP Recycled water	
e.	Total water requirement	7288 cmd	8115 cmd	
3.	<b>SEWAGE TREATMENT PLANT (cmd)</b>			Increase in sewage generation by 336 cmd Increase in STP capacity by 1040 cmd
a.	Sewage generation	5854 cmd	6190 cmd	
b.	STP Technology	Moving Bed Bioreactor (MBBR)	No change	
c.	STP nos. & capacity	6000 cmd (23 nos.)	7040 cmd (15 nos.) + 5 septic tanks	
4.	<b>SOLID WASTE GENERATION (Kg/day)</b>			Increase in Solid waste generation by 6336.519 kg/day
a.	Biodegradable waste	8,702.754	12,615.75	
b.	Non-biodegradable waste	5,146.784	7360.85	
c.	Total MSW generation	14,578.461	20,914.98	
d.	Biomedical waste	1.15 T	0.75 T	Decrease in BMW generation
5.	<b>POWER REQUIREMENT</b>			Increase in demand load by 26,568.498 kW
a.	Source	MSEDCL	MSEDCL	
b.	Total connected load	44,367.327 kW	1,28,291 kW	



c.	Maximum Demand	20,791.502 kW	47,360 kW	Increase in capacities
d.	DG sets	23 nos. x 11,070 KVA	33 Nos., 34,235 KVA	
e.	Transformer	44 nos x 11,590 KVA	63 Nos., 52,530 KVA	
6.	RAINWATER HARVESTING			
a.	RWH pits	83 nos. Capacity = 6 cum each Size = 2500 dia x 2500 depth	98 nos. Capacity = 6 cum each Size = 2500 dia x 2500 depth	Increase in RWH pit by 15 nos.
7.	PARKING PROVISION			
a.	Required (nos.)	4W- 2141 nos. 2W- 12,940 nos.	4W- 5269 nos. 2W- 17,996 nos.	Increase in 4W parking nos.by 3896 nos.
b.	Provided (nos.)	4W- 2302 nos. 2W- 13,372 nos.	4W- 6198 nos. 2W- 16,052 nos.	Increase in 2W parking nos.by 2680 nos.

3. Proposal is an expansion of existing construction project. Project had received earlier Environment Clearance vide SEAC-2013/CR-62/TC-1, dated: 13th March 2014 and amendment in same vide letter No. EC0000000169, dated: 10th February 2018. Further amendment in EC was granted vide letter no. SEIAA-EC-0000002285; dated 25th June 2020 for total BUA of 6,76,694.984 m2. Proposal has been considered by SEIAA in its 277<sup>th</sup> meeting held on 4<sup>th</sup> July, 2024 and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

**Specific Conditions:**

**A. SEAC Conditions-**

1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
2. PP to obtain following NOCs & remarks as per amended planning:  
a) Water Supply; b) Sewer Connection; c) SWD remarks; d) CFO NOC; e) Tree NOC; f) Revised Civil Aviation NOC.
3. PP to submit undertaking and architect certificate mentioning that they have provided all required RG as per prevailing DCR on mother earth as per the Hon'ble Supreme Court order.
4. PP to obtain certified compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.

5. PP to submit undertaking that they have not violated configuration of earlier EC as well as any provision of EIA Notification, 2006 amended thereafter time to time.
6. PP to provide adequate capacities of STPs for all buildings considering sewer generation & revise layouts of all STPs with area provided, 40% open to sky area & tank size details.
7. PP to ensure that sewage generated from Public Utilities like Bus Depot, Burial Ground & Fire Brigade buildings will be treated in the adjacent STPs; PP to provide pumping arrangement or any other method for transportation of sewer up to the STPs, where, STP is not feasible & include the cost of same in EMP.
8. PP to submit detail plan of disposal of excess treated water; PP to explore to provide tanks for storage of excess treated water, PP to include cost of operation & maintenance of storage tanks in EMP; PP to ensure that water stored in tanks does not deteriorate the quality of underground water in surrounding area & it should not become the area for breeding of mosquitos.
9. PP to submit revised storm water calculations considering the surrounding area; PP to submit Geo-hydrological survey report of the project site; PP to provide adequate capacity rain water harvesting tanks in addition to the proposed recharge pits & ensure that overflow of RWH tanks is connected to the RWH pits; PP to include cost RWH tanks in EMP.
10. PP to submit revised zone wise water balance of monsoon & non-monsoon season
11. Planning authority to ensure that assured water supply, sewer and storm water drainage network is made available in the vicinity of the project before issuing occupation certificate to the project.
12. PP to mark dedicated parking spaces for Education building & other proposed Public Utilities in the parking layout.

**B. SEIAA Conditions-**

1. PP has provided mandatory RG area of 22,458.96 m<sup>2</sup> on mother earth without any construction. Local planning authority to ensure the compliance of the same.
2. This EC is excluding Residential Phase 3, 6 7, and Commercial Zone 1, 2, 3 and 4 as PP has not received CFO NOC for the same. Further, EC is restricted for Residential Phase 2 up to 81.80 m height only, for EWS Tower 3 up to 67.95 m height only as per CFO NOC.
3. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
4. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
5. 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.
6. SEIAA after deliberation decided to grant EC for-FSI-326611.50 m<sup>2</sup>, Non FSI-137814.29 m<sup>2</sup>, total BUA-464425.79 m<sup>2</sup>. (Plan approval No-MSRDC/SPA/ITP-3/Amended Layout/2024/480, dtd. 15/03/2024) (Restricted as per approval)

**General Conditions:**

**a) Construction Phase :-**

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid

waste should be disposed of to the approved sites for land filling after recovering recyclable material.

- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVII. 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.

- XVIII. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- XIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

**B) Operation phase:-**

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall

not be diverted for other purposes.

- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at [parivesh.nic.in](http://parivesh.nic.in)
- XII. 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.
- XIII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.


**C) General EC Conditions:-**

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
- II. If applicable "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered



separately on merit.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.
6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Pravin Darade  
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Raigad.
6. Managing Director, MSRDC
7. Regional Officer, Maharashtra Pollution Control Board, Raigad.

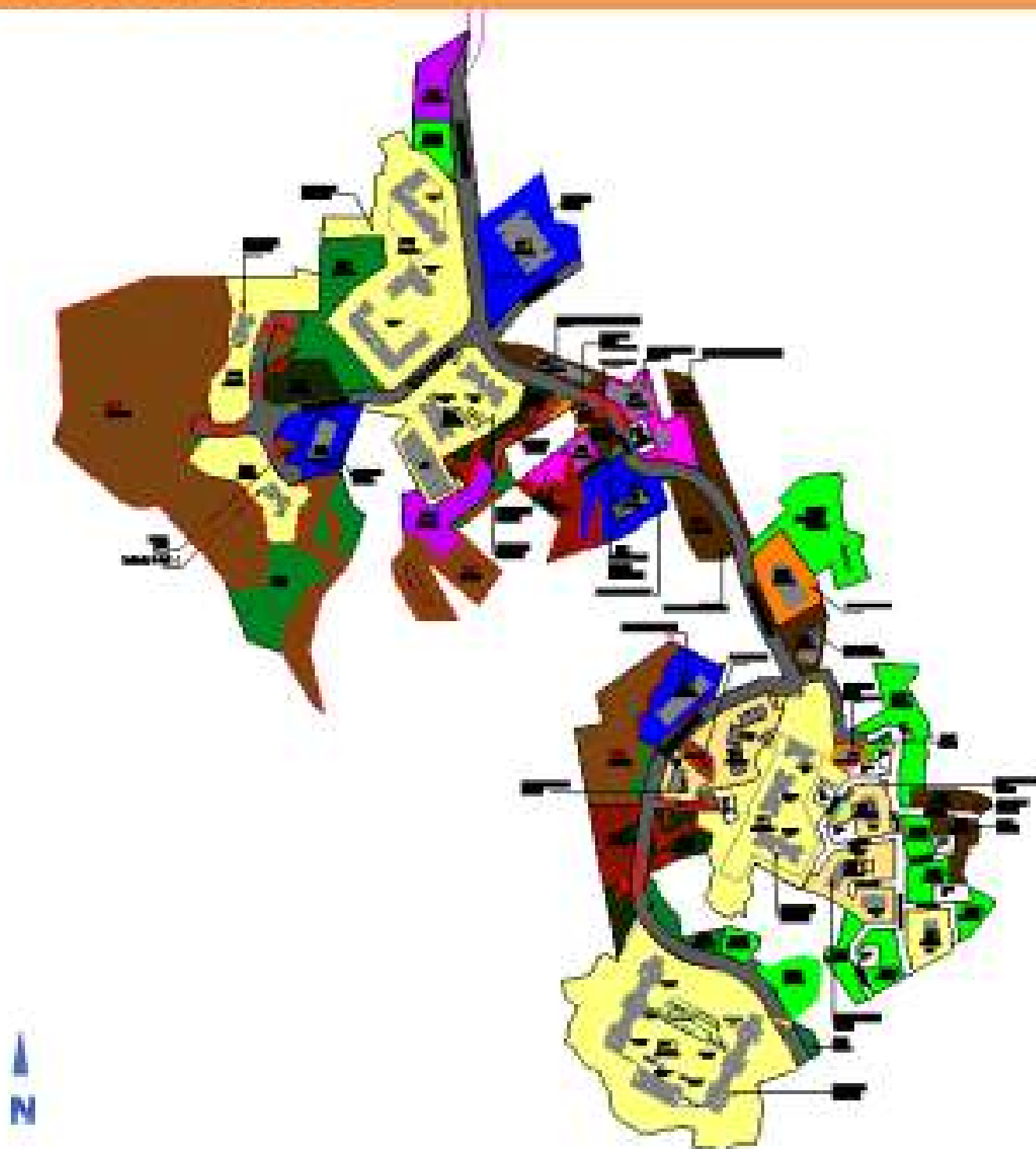
## Photographs of STP provided for Phase I











## LEGEND :

SL. NO.	COLOR CODE	ZONE / USE	ABBR. / TYPE OF ZONE / USE
1.	[Green]	OPEN SPACE	OS
2.	[Light Green]	TOWN LEVEL PUL	TLPS
3.	[Purple]	LAND GRABBER RESERVATION	LGR
4.	[Dark Green]	TOWN LEVEL GARDEN	TLAG
5.	[Yellow]	RESIDENTIAL ZONE	RZ
6.	[Blue]	COMMERCIAL ZONE	CZ
7.	[Pink]	ARCHITECTURE SPACE	AS
8.	[Orange]	HEALTH FACILITY	HF
9.	[Light Orange]	SCHOOL PLOT	SP
10.	[Light Green]	SCHOOL PUL	SPS
11.	[Light Yellow]	SCHOOL HOLDING	SH
12.	[Red]	TRANSPORT LANE / UNDER ROAD	
13.	[Brown]	PUBLIC UTILITY / PUBLIC WORKS	PU
14.	[Hatched]	WATER SLOPE	



**MAHARASHTRA POLLUTION CONTROL BOARD**

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



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

No:- Format1.0/CAC-CELL/UAN No.0000090179/CE - 2011000712

Date: 11/11/2020

To,  
Caroa Properties LLP, Sr.No. 38/0 & others  
of Vill. Khanavale Tal. Panvel, Sr.No. 6/0 &  
others of Vill. Talegaon Tal. Khalapur, Dist  
Raigad.

**Sub: Consent to Establish (Expansion) for proposed Integrated Township project. under L.S.I Red Category**

- Ref:**
1. Consent to Establish accorded by the Board vide No. Format 1.0/BO/CAC-Cell/EIC-RD-2658-14/E/CAC-8746 dtd. 19/09/2014.
  2. Environment Clearance accorded by Env Dept, GoM vide letter SEAC-2013/CR-62/TC-1 dtd. 13/03/2014.
  3. Amendment in Environment Clearance for expansion accorded by Env Dept, GoM vide letter SEIAA-EC-0000000169 dtd.10/02/2018.
  4. Environment Clearance for expansion accorded by Env Dept, GoM vide letter SEIAA-EC-0000002285 dtd. 25/06/2020.
  5. Minutes of Consent Appraisal Committee meeting held on 07/09/2020 & 11/09/2020.

Your application NO. MPCB-CONSENT-0000090179

For: Grant of Consent to Establish for expansion 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 / 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 Consent to Establish is granted for a period upto commissioning of project**
2. **The capital investment of the project is Rs.2415 Crs. (As per undertaking submitted by pp).**
3. **The Consent to Establish for expansion is valid for proposed Integrated Township project named as Caroa Properties LLP, Sr.No. 38/0 & others of Vill. Khanavale Tal. Panvel, Sr.No. 6/0 & others of Vill. Talegaon Tal. Khalapur, Dist Raigad. on Total Plot Area of 4,31,675.638 SqMtrs for construction BUA of 6,76,694.984 SqMtrs as per EC granted dated 25/06/2020 including utilities and services.**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	C to E- dtd. 19/09/2014	446368.66	275671.00
2	EC- dtd. 13/03/2014	446368.66	275671.18
3	Amendment in EC- dtd. 10/02/2018	431675.64	283799.22
4	EC for expansion- dtd. 25/06/2020	431675.64	676694.98



# Maharashtra Pollution Control Board

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	Nil	Nil
2.	Domestic effluent	3507.65	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:

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1, S-2, S-3, S-4	DG Sets 2000 KVA x 2	04	As per Schedule -II
S-5, S-6	DG Sets 1500 KVA x 2	02	As per Schedule -II
S-7, S-8	DG Sets 750 KVA x 2	02	As per Schedule -II
S-9	DG Set 630 KVA	01	As per Schedule -II
S-10, S-11, S-12, S-13, S-14	DG Sets 625 KVA x 5	05	As per Schedule -II
S-15, S-16, S-17	DG Sets 500 KVA x 3	03	As per Schedule -II
S-18, S-19	DG Sets 200 KVA x 2	02	As per Schedule -II
S-20	DG Set 160 KVA	01	As per Schedule -II
S-21, S-22	DG Sets 100 KVA x 2	02	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable Waste	8702.754 Kg/Day	OWC followed by Composting facility	Used as Manure.
2	Non-Biodegradable Waste	5146.784 Kg/Day	Segregation	By Sale to Auth. Vendor
3	STP Sludge	916 Kg/Day	SDB	Used as Manure.

#### 7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	2	MT/A	NA	By sale to Auth. reprocessor.

8 This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.

9 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.

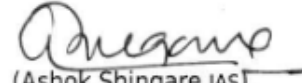


# Maharashtra Pollution Control Board

## 5fabd7b8ecca0968bddd5c6b

- 10 PP shall provide STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
- 11 The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
- 12 PP shall install online monitoring system for BOD, TSS and flow at the outlet of STP with connectivity to MPCB Server.
- 13 PP shall submit BG of Rs. 25 Lakhs towards compliance of EC and Consent to Establish conditions.
- 14 PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility for the treatment of wet garbage.
- 15 PP shall provide electric charging facility in parking section for two & four wheelers.
- 16 PP shall submit raw water curtailment plan within 3 months.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary

### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	4830000.00	5460318	12/05/2020	NEFT

### Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad 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 proposed to provide MBBR Technology based Sewage Treatment Plants (STPs) of combined capacity **3985 CMD for treatment of domestic effluent of 3507.65 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	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	Residual Chlorine	1ppm

- 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	4126.65
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.

*Amgare*



# Maharashtra Pollution Control Board

## 5fabd7b8ecca0968bddd5c6b

### SCHEDULE-II

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

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1, S-2, S-3, S-4	DG Sets 2000 KVA x 2	Acoustic enclosure	8.94	HSD	1200 Ltr/Hr
S-5, S-6	DG Sets 1500 KVA x 2	Acoustic enclosure	7.75	HSD	450 Ltr/Hr
S-7, S-8	DG Sets 750 KVA x 2	Acoustic enclosure	5.48	HSD	225 Ltr/Hr
S-9	DG Set 630 KVA	Acoustic enclosure	5.02	HSD	94.50 Ltr/Hr
S-10, S-11, S-12, S-13, S-14	DG Sets 625 KVA x 5	Acoustic enclosure	5.0	HSD	468.75 Ltr/Hr
S-15, S-16, S-17	DG Sets 500 KVA x 3	Acoustic enclosure	4.47	HSD	225 Ltr/Hr
S-18, S-19	DG Sets 200 KVA x 2	Acoustic enclosure	2.83	HSD	60 Ltr/Hr
S-20	DG Set 160 KVA	Acoustic enclosure	2.53	HSD	24 Ltr/Hr
S-21, S-22	DG Sets 100 KVA x 2	Acoustic enclosure	2.0	HSD	30 Ltr/Hr

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

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

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





**SCHEDULE-III**  
**Details of Bank Guarantees:**

Sr. No.	Consent(C2E/C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish for Expansion	25 Lakh	15 days	Towards Compliance of Environment Clearance and Consent conditions.	Monthly	Up to Commissioning of project or 5 years whichever is earlier.

**\*\*** 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						

*(Signature)*



# Maharashtra Pollution Control Board

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### SCHEDULE-IV

#### Conditions during construction phase

<b>A</b>	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
<b>B</b>	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
<b>C</b>	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.

#### 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.



# Maharashtra Pollution Control Board

## 5fabd7b8ecca0968bddd5c6b

- 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 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](mailto:cac-cell@mpcb.gov.in)



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

Infrastructure/RED/L.S.I

No:- Format1.0/CAC-CELL/UAN No.0000132956/CO/2211000769

Date: 10/11/2022

To,  
CAROA PROPERTIES LLP,  
Vill. Khanavale, Tal. Panvel & Vill.  
Talegaon, Tal. Khalapur,  
Dist. Raigad.



Your Service is Our Duty

## Sub: Grant of 1st Consent to Operate (Part-I) for integrated township project

- Ref:**
1. Environment Clearance accorded by Environment & Climate Change Department, GoM vide dated 25.06.2020.
  2. Consent to establish granted by Board vide dated 11.11.2020.
  3. Minutes of 7th CAC meeting held on 14.09.2021.

Your application NO. MPCB-CONSENT-0000132956

For: grant of 1st Consent to Operate (Part-I) 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 28.02.2023**
2. **The capital investment of the project is Rs.200 Cr. (As per C.A Certificate submitted by industry).**
3. **The 1st Consent to Operate (Part-I) is valid for integrated township project named as M/s. Caroa Properties LLP, bearing Sr. No. 38/0 & other, Vill. Khanavale, Tal. Panvel & Sr. No. 6/0 & others, Vill. Talegaon, Tal. Khalapur, Dist. Raigad on Total Plot Area of 4,31,675.638 Sq.Mtrs for construction BUA of 74,246.521 Sq.Mtr out of total BUA 6,76,694.984 Sq.Mtrs including utilities and services**
4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	325.89	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes, on land for gardening and remaining shall be connected to the sewerage system provided by local body.

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

<b>Stack No.</b>	<b>Description of stack / source</b>	<b>Number of Stack</b>	<b>Standards to be achieved</b>
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:**

<b>Sr No</b>	<b>Type Of Waste</b>	<b>Quantity &amp; UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	Biodegradable Waste	681.60 Kg/Day	OWC followed by composting	Used as manure within premises
2	Non- Biodegradable Waste	397.60 Kg/Day	Segregation	Sale to authorized vendor for recycling
3	STP Sludge	10 Kg/Day	Drying	Used as a Manure within own premises

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

<b>Sr No</b>	<b>Category No.</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	5.1 Used or spent oil	100	Ltr/A	Reprocessing	Sale to authorized party for recycle

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
  9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
  10. PP shall apply & obtain the renewal of consent (Part) of phase -II & 1st C to O (Part) of Phase-III along with requisite consent fees.
  11. PP shall comply with conditions stipulated in EC.
  12. PP shall operate STP for treatment of domestic to achieve the standard for the parameter BOD-10 mg/lit including disinfection facility.
  13. The treated sewage 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/ or connected to local body sewer line with water metering system.
  14. PP shall operate organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
  15. PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.
  16. PP shall ensure that the handed over societies shall get renewed consent in the name of society, till that time PP is responsible for obtaining MPCB consent.
  17. PP shall submit/extend BG of Rs. 25 Lakh towards compliance of EC and Consent condition.
- . 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 -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	400000.00	MPCB-DR-11509	18/04/2022	RTGS

**Copy to:**

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC Desk - for record & updation purposes.



### **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 **335 CMD for treatment of domestic effluent of 325.89 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	383.00
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 Stack	4.50	HSD 155.5 Kg/Hr	1.0	SO <sub>2</sub>	75.6 Kg/Day
S-2	DG Set (160 KVA)	Acoustic Enclosure Stack	2.50	HSD 32 Kg/Hr	1.0	SO <sub>2</sub>	16.12 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 <sup>3</sup>
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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 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:**

<b>Sr. No.</b>	<b>Consent(C2E/C2O/C2R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	C2O (Part-I)	Rs. 25.0 Lakh	15 days	Towards O & M of PCs and compliance of consent conditions & EC conditions	Continuous	31.08.2023

\*\* 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**

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

#### **BG Return details**

<b>Srno.</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>BG imposed</b>	<b>Purpose of BG</b>	<b>Amount of BG Returned</b>
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.

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This certificate is digitally & electronically signed.

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# MAHARASHTRA POLLUTION CONTROL BOARD

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



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

Infrastructure/RED/L.S.I

No:- Format1.0/CAC-CELL/UAN No.0000161651/CR/2307000866

Date: 14/07/2023

To,  
CAROA PROPERTIES LLP,  
Vill. Khanavale, Tal. Panvel & Vill.  
Talegaon, Tal. Khalapur,  
Dist. Raigad.



**Sub: Consent to Renewal (Part-I), under RED category.**

- Ref:**
1. Environment Clearance accorded by Environment & Climate Change Department, GoM vide dated 25.06.2020.
  2. Earlier Consent to 1st Operate vide No:-Format1.0/CC-CELL/UAN No.0000132956/CO-2211000769 dated 10.11.2022.
  3. Minutes of 6th CAC meeting held on 05.07.2023.

Your application NO. MPCB-CONSENT-0000161651

For: grant of Consent to Renewal 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 Consent to Renewal is granted for a period up to 28.02.2025**
2. **The capital investment of the project is Rs.200 Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Renewal is valid for \_\_ named as M/s. Caroa Properties LLP, Sr. No. 38/0 & others, Phase- I of proposed Integrated Township project at Sr. No. 38/0 & others of village: Khanavale & Talegaon, Taluka Panvel & Khalapur., Panvel & Khalapur, Raigad on Total Plot Area of 30175.177 Sq.m (out of Total Plot Area 431675.638 sq. m) SqMtrs for construction BUA of 74246.521 Sq.m (FSI 59022.633 Sq.m + Non-FSI 15223.888 Sq.m) Out of total BUA 676694.984 Sq.m SqMtrs out of Total Construction BUA of SqMtrs as per EC granted dated 25.06.2020 including utilities and services.**
4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	325.89	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes, on land for gardening and remaining shall be connected to the sewerage system provided by local body.

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

<b>Stack No.</b>	<b>Description of stack / source</b>	<b>Number of Stack</b>	<b>Standards to be achieved</b>
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:**

<b>Sr No</b>	<b>Type Of Waste</b>	<b>Quantity &amp; UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	Biodegradable Waste	681.60 Kg/Day	OWC followed by composting	Used as manure within premises
2	Non- Biodegradable Waste	397.60 Kg/Day	Segregation	Sale to authorized vendor for recycling
3	STP Sludge	10 Kg/Day	Drying	Used as a Manure within own premises

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

<b>Sr No</b>	<b>Category No.</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	5.1 Used or spent oil	100	Ltr/A	Reprocessing	Sale to authorized party for recycle

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. This consent is issued pursuant to the decision of the 6th Consent Appraisal Committee Meeting held on 05.07.2023.
11. PP shall operate sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
12. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
13. PP shall operate organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
14. PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.
15. PP shall ensure that the handed over societies shall get renewed consent in the name of society, till that time PP is responsible for obtaining MPCB consent.
16. PP shall comply with the conditions stipulated in Environment Clearance & Consent Conditions

17. PP shall submit the BG of Rs. 25 lakhs towards pollution control system and compliance of conditions stipulated in EC and Consent to Operate
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



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**Signed by: Dr J. B. Sangewar**  
Joint Director(WPC) & InCharge Of CAC-Cell  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
cac-cell@mpcb.gov.in  
2023-07-14 16:08:24 IST

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	800000.00	MPCB-DR-16883	09/02/2023	RTGS

**Copy to:**

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC Desk - for record & updation purposes.



### **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 **335 CMD for treatment of domestic effluent of 325.89 CMD.**  
B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	383.00
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 Stack	4.50	HSD 155.5 Kg/Hr	1.0	SO <sub>2</sub>	75.6 Kg/Day
S-2	DG Set (160 KVA)	Acoustic Enclosure Stack	2.50	HSD 32 Kg/Hr	1.0	SO <sub>2</sub>	16.12 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 <sup>3</sup>
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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).

### **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	C to R	2500000	15 days/extend	Towards O & M of pollution control systems and compliance of consent conditions.	28.02.2025	31.08.2025

\*\* 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.

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This certificate is digitally & electronically signed.

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# MAHARASHTRA POLLUTION CONTROL BOARD

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



Kalpataru Point, 2nd, 3rd  
and 4th floor, Opp. Cine  
Planet Cinema, Near Sion  
Circle, Sion (E),  
Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0//UAN No.0000163844/CO/2406000647

Date: 08/06/2024

To,  
CAROA PROPERTIES LLP,  
Vill. Khanavale, Tal. Panvel & Vill.  
Talegaon, Tal. Khalapur,  
Dist. Raigad.



Your Service is Our Duty

**Sub: Consent to 1st Operate for Part (EWS - I & II), under RED category.**

- Ref:**
1. Environment Clearance accorded by Environment & Climate Change Department, GoM vide dated 25.06.2020.
  2. Earlier Consent to 1st Operate vide No:-Format1.0/CC-CELL/UAN No.0000132956/CO-2211000769 dated 10.11.2022.
  3. Minutes of 7th CAC meeting held on 07.07.2023.

Your application NO. MPCB-CONSENT-0000163844

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 30.06.2025**
2. **The capital investment of the project is Rs.44 Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to 1st Operate for Part (EWS - I & II) in named as Caroa Properties LLP, Sr. No. 38/0 & others, EWS 1 & EWS 2- of proposed Integrated Township project at Sr. No. 38/0 & others of village: Khanavale & Talegaon, Taluka Panvel & Khalapur. Raigad on Total Plot Area of 431675.638 SqMtrs for construction BUA of EWS 1 = 14878.667 sq.m. EWS 2 = 6495.178 sq.m. (Out of total BUA 676694.98 sq. m.) as per EC granted dated 25.06.2020 including utilities and services.**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance dated 25.06.2020.	431675.64	676694.98
2	Consent to 1st Operate dated 10.11.2022	431675.64	74246.52

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	245	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes, on land for gardening and remaining shall be connected to the sewerage system provided by local body.

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set (625 KVA)	1	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable Waste	627 Kg/Day	OWC followed by composting	Used as manure within premises
2	Non- Biodegradable Waste	418 Kg/Day	Segregation	Sale to authorized vendor for recycling
3	STP Sludge	10 Kg/Day	Drying	Used as a Manure within own premises

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	50	Ltr/A	Reprocessing	Sale to authorized party for recycle

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. This consent is issued pursuant to the decision of the 7th Consent Appraisal Committee Meeting held on 05.07.2023.
11. PP shall operate sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
12. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
13. PP shall operate organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
14. PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.
15. PP shall ensure that the handed over societies shall get renewed consent in the name of society, till that time PP is responsible for obtaining MPCB consent.
16. PP shall comply with the conditions stipulated in Environment Clearance & Consent Conditions



17. PP shall submit the BG of Rs. 25 lakhs towards pollution control system and compliance of conditions stipulated in EC and Consent to Operate

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.

**Received Consent fee of -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	150000.00	MPCB-DR-17639	02/03/2023	NEFT

**Copy to:**

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC Desk - for record & updation purposes.

### **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 **350 CMD for treatment of domestic effluent of 245 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	282.00
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.	Grandening/Other consumption	

- 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 (625 KVA)	Acoustic Enclosure Stack	6.00	HSD 80 Ltr/Hr	1.0	SO <sub>2</sub>	75.6 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 <sup>3</sup>
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
- b) The toilet shall be provided with exhaust system connected to chimney through ducting.
- c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
- d) 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/C 2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	2500000	15 days/extend	Towards O & M of pollution control systems and compliance of consent conditions.	30.06.2025	31.12.2025

\*\* 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.

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This certificate is digitally & electronically signed.

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# MAHARASHTRA POLLUTION CONTROL BOARD

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



Kalpataru Point, 2nd, 3rd  
and 4th floor, Opp. Cine  
Planet Cinema, Near Sion  
Circle, Sion (E),  
Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0//UAN No.0000163937/CO/2406000646

Date: 08/06/2024

To,  
CAROA PROPERTIES LLP,  
Vill. Khanavale, Tal. Panvel & Vill.  
Talegaon, Tal. Khalapur,  
Dist. Raigad.



## Sub: Consent to 1st Operate for (Phase - II) , under RED category.

- Ref:
1. Environment Clearance accorded by Environment & Climate Change Department, GoM vide dated 25.06.2020.
  2. Earlier Consent to 1st Operate vide No:-Format1.0/CC-CELL/UAN No.0000132956/CO-2211000769 dated 10.11.2022.
  3. Minutes of 7th CAC meeting held on 07.07.2023.

Your application NO. MPCB-CONSENT-0000163937

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 30.06.2025**
2. **The capital investment of the project is Rs.140 Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Operate is valid for \_\_ named as M/s. Caroa Properties LLP, Sr. No. 38/0 & others, Phase- II of proposed Integrated Township project at Sr. No. 38/0 & others of village: Khanavale & Talegaon, Taluka Panvel & Khalapur., Panvel & Khalapur, Raigad on Total Plot Area 431675.638 SqMtrs for construction BUA of 71915.840 Sq.m. (FSI: 46405.762 Sq.m + Non-FSI 25510.078 Sq.m) Out of total BUA 676694.984 Sq.m SqMtrs as per EC granted dated 25.06.2020 including utilities and services.**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance dated 25.06.2020.	431675.64	676694.98
2	Consent to 1st operate dated 10.11.2022	431675.64	74246.52

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA

<b>Sr No</b>	<b>Description</b>	<b>Permitted</b>	<b>Standards to</b>	<b>Disposal</b>
2.	Domestic effluent	314	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes, on land for gardening and remaining shall be connected to the sewerage system provided by local body.

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

<b>Stack No.</b>	<b>Description of stack / source</b>	<b>Number of Stack</b>	<b>Standards to be achieved</b>
S-1	DG Set (1010 KVA)	1	As per Schedule -II

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

<b>Sr No</b>	<b>Type Of Waste</b>	<b>Quantity &amp; UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	Biodegradable Waste	536 Kg/Day	OWC followed by composting	Used as manure within premises
2	Non- Biodegradable Waste	804 Kg/Day	Segregation	Sale to authorized vendor for recycling
3	STP Sludge	13 Kg/Day	Drying	Used as a Manure within own premises

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

<b>Sr No</b>	<b>Category No.</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	5.1 Used or spent oil	100	Ltr/A	Reprocessing	Sale to authorized party for recycle

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- This consent is issued pursuant to the decision of the 7th Consent Appraisal Committee Meeting held on 07.07.2023.
- PP shall operate sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
- The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
- PP shall operate organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
- PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.
- PP shall ensure that the handed over societies shall get renewed consent in the name of society, till that time PP is responsible for obtaining MPCB consent.

16. PP shall comply with the conditions stipulated in Environment Clearance & Consent Conditions
17. PP shall submit the BG of Rs. 25 lakhs towards pollution control system and compliance of conditions stipulated in EC and Consent to Operate

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.

**Received Consent fee of -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	560000.00	MPCB-DR-17636	02/03/2023	NEFT

**Copy to:**

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC Desk - for record & updation purposes.

### **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 **325 CMD for treatment of domestic effluent of 314 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	362.00
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.	Grandening/Other consumption	

- 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 (1010 KVA)	Acoustic Enclosure Stack	4.50	HSD 202 Kg/Hr	1.0	SO <sub>2</sub>	75.6 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 <sup>3</sup>
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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 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:**

<b>Sr. No.</b>	<b>Consent(C2E/C2O/C2R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	C to R	2500000	15 days/extend	Towards O & M of pollution control systems and compliance of consent conditions.	30.06.2025	31.12.2025

\*\* 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**

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

#### **BG Return details**

<b>Srno.</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>BG imposed</b>	<b>Purpose of BG</b>	<b>Amount of BG Returned</b>
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.

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This certificate is digitally & electronically signed.

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## Photographs of Labor facilities



**First Aid Center**



**First Aid Kit**



**Toilets**



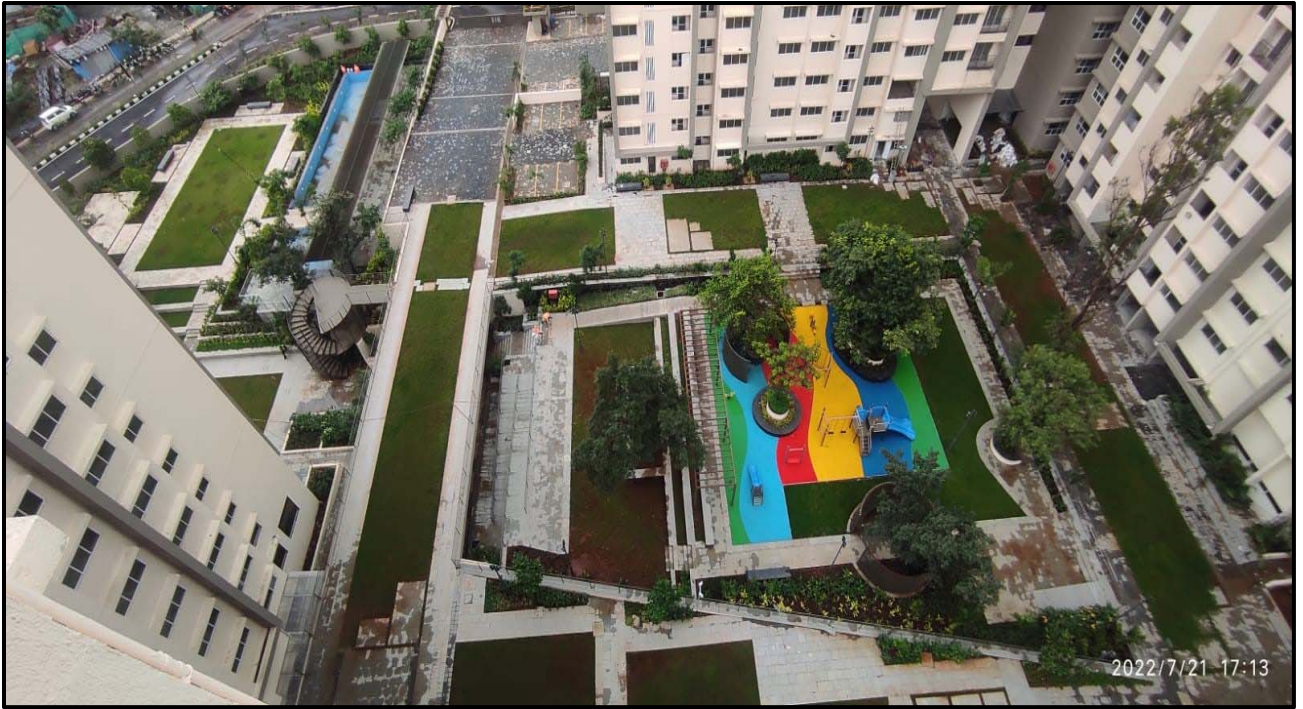
**Drinking water facility**



## Photographs of Green belt development







## Photograph of DG set



**SCHWING STETTER (INDIA) PVT. LTD.**

620/621, Nirmal Life Style, Corporate Centre, 6th Floor, L. B. S. Marg, Mulund (West), Mumbai - 400 080.  
 Tel :- 91-22-2562 4863/64, 30718300 • Fax :- 91-22-2562 4865  
 Email :- mumbai@schwingstetterindia.com


**SCHWING**  
**Stetter**

Ref: SSI/M/2017/268

Date: 14.11.2017

SER/CAL/CR/01

**AKSHAY ENTERPRISES**

Shop No,15 OM AAI JI Darshan,  
 Gate NO169, at Vichumbe,  
 Post-Ongc Tal Panvel  
 Raigad-410206  
 Mobile:9870046353  
 Email-akshayenterprises93@gmail.com

**Kind Attn.: Mr. Mayur.**

Dear Sir,

As per the government of India Rules it is an obligation for the Owners of all Batching Plants to get an authorized certificate from Weights & Measurement Department in the respective area. So it is requested to get the certification done by inviting the Local weights and measures' concerned Inspector for stamping and get the certificate for operating the machines.

**Required Application Form is enclosed. This application can be typed on your letter head and send to Govt. for stamping the Batching Plant.**

For Further queries, be feel free to call us.

Assuring you the best of services all the times.

**For Schwing Stetter India Pvt Ltd****Encl: - As mentioned above.**



## Application for Stamping

SER/CAL/AS/01

Affix Court Fee Stamp

From

.....  
.....  
.....

Manufacturing License No.:**837/06**  
Dealer License No.:**3729/06**  
Repair License No.:**2330/06**

To

The Asst. Controller of Legal Metrology  
Respective Authority

Sir,

**Subject:- Verification / Re-verification of the Batching Weigher (DTWI).**

Please Verify / Re-verify the following items for stamping. The details are given below.

Yours faithfully,

Signature of the Customer

### Details of Batching Plant

1. Make : SCHWING STETTER INDIA PVT LTD
2. Model :
3. Sl. No. :
4. Max. Capacity:..... cu.mt/hr.
5. Model Approved No. **IND / 09 / 06 / 335 dated 30-06-2006**

6.	a) Aggregate weigher Capacity	_____ KG
	b) Cement weigher Capacity	_____ KG
	c) Water Bin Capacity	_____ KG
	d) Admixer weigher Capacity	_____ KG
	e) Micro silica weigher Capacity	_____ KG
	f) Micro silica weigher Capacity	_____ KG

# SCHWING STETTER (INDIA) PVT. LTD.

620/621, Nirmal Life Style, Corporate Centre, 6th Floor, L. B. S. Marg, Mulund (West), Mumbai - 400 080.  
Tel :- 91-22-2562 4863/64, 30718300 • Fax :- 91-22-2562 4865  
Email :- mumbai@schwingstetterindia.com



Ref: SSI/M/2017/268

Date: 14.11.2017

SER/CAL/CR/01

## CALIBRATION CERTIFICATE

We hereby certify that the M1.25 Batching Plant bearing M/c. Sr. No M1.25-147 supplied by us to **M/S. AKSHAY ENTERPRISES** was calibrated on 23.10.2017 by our Service Engineer Mr.Oswal Dsouza in Presence of Mr.Mayur (7756019020) and the calibration details are enclosed herewith. We certify that all the parameters are well within the tolerance limit.

Place: Mumbai.  
Date: 14.11.2017

  
Authorized Signatory.

Encl: Calibration Details

\*Calibrated by the Calibrated weights arranged by customer.





# SCHWING STETTER (INDIA) PVT. LTD.

620/621, Nirmal Life Style, Corporate Centre, 6th Floor, L. B. S. Marg, Mulund (West), Mumbai - 400 080.  
Tel :- 91-22-2562 4863/64, 30718300 • Fax :- 91-22-2562 4865  
Email :- mumbai@schwingstetterindia.com



**SCHWING  
Stetter**

Ref: SSI/M/2017/268

Date: 14.11.2017

SER/CAL/CR/01

## Plant Details

Customer Name	: M/s. AKSHAY ENTERPRISES
Address	: Near Patalganga, Taloja, : Navi Mumbai
Batching Plant Model	: M1.25
Batching Plant Sl.No	: M1.25 - 147
Max. Weight Used For Calibration Of Aggregate Weigher	: 3000 kg
Max. Weight used For Calibration of Cement Weigher	: 800 kg
Max. Weight used For Calibration of Water Weigher	: 360 kg
Max.Weight Used For Calibration Of Admixture Weigher	: 10 kg
Calibration date	: 23.10.2017
Next Due Date for calibration*	: 22.01.2018

\* I) provided that the plant is well maintained as per maintenance schedule and cleaned on a daily basis,



Page 3 of 11



Ref: SSI/M/2017/268

Date: 14.11.2017

SER/CAL/WR/01

Calibration Report for Aggregate Weigher					
Ascending Order			Descending Order		
Actual Weight (In Kg)	Meter Reading (In kg)	Error (In kg)	Actual Weight (In Kg)	Meter Reading (In kg)	Error (In kg)
0	0	0	0	0	0
20	20	0	20	20	0
40	40	0	40	40	0
60	60	0	60	60	0
80	80	0	80	80	0
100	100	0	100	100	0
120	120	0	120	120	0
140	140	0	140	140	0
160	160	0	160	160	0
180	180	0	180	180	0
200	200	0	200	200	0
220	220	0	220	220	0
240	240	0	240	240	0
260	260	0	260	260	0
280	280	0	280	280	0
300	300	0	300	300	0
320	320	0	320	320	0
340	340	0	340	340	0
360	360	0	360	360	0
380	380	0	380	380	0
400	400	0	400	400	0
420	420	0	420	420	0
440	440	0	440	440	0
460	460	0	460	460	0
480	480	0	480	480	0
500	500	0	500	500	0
520	520	0	520	520	0
540	540	0	540	540	0
560	560	0	560	560	0
580	580	0	580	580	0
600	600	0	600	600	0
620	621	1	620	620	0
640	641	1	640	640	0
660	661	1	660	660	0
680	681	1	680	680	0
700	701	1	700	700	0



Ref: SSI/M/2017/268

Date: 14.11.2017

Ascending Order			Descending Order		
Actual Weight	Meter Reading	Error	Actual Weight	Meter Reading	Error
720	721	1	720	721	1
740	741	1	740	742	2
760	761	1	760	762	2
780	781	1	780	782	2
800	801	1	800	802	2
820	821	1	820	822	2
840	841	1	840	842	2
860	861	1	860	862	2
880	881	1	880	882	2
900	901	1	900	900	0
920	921	1	920	920	0
940	941	1	940	940	0
960	961	1	960	960	0
980	981	1	980	980	0
1000	1001	1	1000	1000	0
1020	1021	1	1020	1020	0
1040	1041	1	1040	1040	0
1060	1061	1	1060	1060	0
1080	1081	1	1080	1080	0
1100	1101	1	1100	1100	0
1120	1121	1	1120	1120	0
1140	1141	1	1140	1140	0
1160	1161	1	1160	1160	0
1180	1181	1	1180	1180	0
1200	1201	1	1200	1200	0
1220	1221	1	1220	1220	0
1240	1241	1	1240	1240	0
1260	1261	1	1260	1260	0
1280	1281	1	1280	1281	1
1300	1301	1	1300	1301	1
1320	1321	1	1320	1321	1
1340	1342	2	1340	1341	1
1360	1362	2	1360	1361	1
1380	1382	2	1380	1381	1
1400	1402	2	1400	1401	1
1420	1422	2	1420	1421	1
1440	1442	2	1440	1441	1





Ref: SSI/M/2017/268

Date: 14.11.2017

Ascending Order			Descending Order		
Actual Weight	Meter Reading	Error	Actual Weight	Meter Reading	Error
1460	1462	2	1460	1461	1
1480	1482	2	1480	1481	1
1500	1502	2	1500	1501	1
1520	1522	2	1520	1521	1
1540	1542	2	1540	1541	1
1560	1562	2	1560	1561	1
1580	1582	2	1580	1581	1
1600	1602	2	1600	1601	1
1620	1622	2	1620	1621	1
1640	1642	2	1640	1641	1
1660	1662	2	1660	1661	1
1680	1682	2	1680	1681	1
1700	1702	2	1700	1701	1
1720	1722	2	1720	1721	1
1740	1742	2	1740	1741	1
1760	1762	2	1760	1761	1
1780	1782	2	1780	1781	1
1800	1802	2	1800	1801	1
1820	1822	2	1820	1821	1
1840	1842	2	1840	1841	1
1860	1862	2	1860	1861	1
1880	1882	2	1880	1881	1
1900	1902	2	1900	1901	1
1920	1922	2	1920	1921	1
1940	1942	2	1940	1941	1
1960	1962	2	1960	1961	1
1980	1982	2	1980	1981	1
2000	2002	2	2000	2001	1
2020	2022	2	2020	2021	1
2040	2042	2	2040	2041	1
2060	2062	2	2060	2061	1
2080	2082	2	2080	2081	1
2100	2102	2	2100	2101	1
2120	2122	2	2120	2121	1
2140	2142	2	2140	2141	1
2160	2162	2	2160	2161	1
2180	2182	2	2180	2181	1
2200	2202	2	2200	2201	1
2220	2222	2	2220	2221	1



Ref: SSI/M/2017/268

Date: 14.11.2017

Ascending Order			Descending Order		
Actual Weight	Meter Reading	Error	Actual Weight	Meter Reading	Error
2240	2242	2	2240	2241	1
2260	2262	2	2260	2261	1
2280	2282	2	2280	2281	1
2300	2302	2	2300	2301	1
2320	2322	2	2320	2321	1
2340	2342	2	2340	2341	1
2360	2362	2	2360	2361	1
2380	2382	2	2380	2381	1
2400	2402	2	2400	2401	1
2420	2422	2	2420	2421	1
2440	2442	2	2440	2441	1
2460	2462	2	2460	2462	2
2480	2482	2	2480	2482	2
2500	2502	2	2500	2502	2
2520	2522	2	2520	2522	2
2540	2542	2	2540	2542	2
2560	2562	2	2560	2562	2
2580	2582	2	2580	2582	2
2600	2602	2	2600	2602	2
2620	2622	2	2620	2622	2
2640	2642	2	2640	2642	2
2660	2662	2	2660	2662	2
2680	2682	2	2680	2682	2
2700	2702	2	2700	2702	2
2720	2722	2	2720	2722	2
2740	2742	2	2740	2742	2
2760	2762	2	2760	2762	2
2780	2782	2	2780	2782	2
2800	2802	2	2800	2802	2
2820	2822	2	2820	2822	2
2840	2842	2	2840	2842	2
2860	2862	2	2860	2862	2
2880	2882	2	2880	2882	2
2900	2902	2	2900	2902	2
2920	2922	2	2920	2922	2
2940	2942	2	2940	2942	2
2960	2962	2	2960	2962	2
2980	2982	2	2980	2982	2
3000	3002	2	3000	3002	2





Ref: SSI/M/2017/268

Date: 14.11.2017

SER/CAL/WR/01

Calibration Report for Cement Weigher					
Ascending Order			Descending Order		
Actual Weight (In Kg)	Meter Reading (In kg)	Error (In kg)	Actual Weight (In Kg)	Meter Reading (In kg)	Error (In kg)
0	0	0	0	0	0
20	20	0	20	20	0
40	40	0	40	40	0
60	60	0	60	60	0
80	80	0	80	80	0
100	100	0	100	100	0
120	120	0	120	120	0
140	140	0	140	140	0
160	160	0	160	160	0
180	180	0	180	180	0
200	199	-1	200	200	0
220	219	-1	220	220	0
240	239	-1	240	240	0
260	259	-1	260	260	0
280	279	-1	280	280	0
300	299	-1	300	300	0
320	319	-1	320	320	0
340	339	-1	340	340	0
360	359	-1	360	360	0
380	379	-1	380	379	-1
400	399	-1	400	399	-1
420	419	-1	420	419	-1
440	439	-1	440	439	-1
460	459	-1	460	459	-1
480	479	-1	480	479	-1
500	499	-1	500	499	-1
520	519	-1	520	519	-1
540	539	-1	540	539	-1
560	559	-1	560	559	-1
580	579	-1	580	579	-1
600	599	-1	600	599	-1
620	619	-1	620	619	-1
640	639	-1	640	639	-1
660	659	-1	660	659	-1
680	679	-1	680	679	-1
700	699	-1	700	699	-1



Ref: SSI/M/2017/268

Date: 14.11.2017

Ascending Order			Descending Order		
Actual Weight	Meter Reading	Error	Actual Weight	Meter Reading	Error
720	719	-1	720	719	-1
740	739	-1	740	739	-1
760	759	-1	760	759	-1
780	779	-1	780	779	-1
800	799	-1	800	799	-1



Ref: SSI/M/2017/268

Date: 14.11.2017

SER/CAL/WR/01

Calibration Report for Water Weigher					
Ascending Order			Descending Order		
Actual Weight (In Kg)	Meter Reading (In kg)	Error (In kg)	Actual Weight (In Kg)	Meter Reading (In kg)	Error (In kg)
0	0	0	0	0	0
20	20	0	20	20	0
40	40	0	40	40	0
60	60	0	60	60	0
80	80	0	80	80	0
100	100	0	100	100	0
120	120	0	120	120	0
140	140	0	140	140	0
160	160	0	160	160	0
180	180	0	180	180	0
200	200	0	200	200	0
220	220	0	220	221	1
240	240	0	240	241	1
260	261	1	260	261	1
280	281	1	280	281	1
300	301	1	300	301	1
320	321	1	320	321	1
340	341	1	340	341	1
360	361	1	360	361	1



Ref: SSI/M/2017/268

Date: 14.11.2017

SER/CAL/WR/01

Calibration Report for Admixture Weigher					
Ascending Order			Descending Order		
Actual Weight (In Kg)	Meter Reading (In kg)	Error (In kg)	Actual Weight (In Kg)	Meter Reading (In kg)	Error (In kg)
0.00	0.00	0.00	0.00	0.00	0.00
1.00	1.01	0.01	1.00	1.01	0.01
2.00	2.02	0.02	2.00	2.01	0.01
3.00	3.01	0.01	3.00	3.02	0.02
4.00	4.03	0.03	4.00	4.02	0.02
5.00	5.04	0.04	5.00	5.01	0.01
6.00	6.02	0.02	6.00	6.02	0.02
7.00	7.02	0.02	7.00	7.03	0.03
8.00	8.02	0.02	8.00	8.01	0.01
9.00	9.01	0.01	9.00	9.02	0.00
10.00	10.02	0.02	10.00	10.02	0.02

**Authorized Signatory.**

**For Schwing Stetter India Pvt Ltd**



## Photograph of OWC provided for Phase I



## Section Plan of OWC





नवशक्ति  
मुंबई, शुक्रवार, २३ फेब्रुवारी २०१८

## जाहीर सुचना

महाराष्ट्र राज्य स्तरीय पर्यावरण आघात मूल्यांकन समितीने मे. कारोआ प्राॅपर्टीज एल. एल. पी. द्वारा (रवि जी. खुबचदानी व ६ इतर) गाव खानवळे, तालुका पनवेल आणि गाव - तळेगाव, तालुका - खालापूर, जि. रायगड, महाराष्ट्र येथील प्रस्तावित इन्टिग्रेटेड टाऊनशिप प्रकल्पाला पर्यावरणीय संमती दिली आहे.

सदर पर्यावरण संमती पत्राची प्रत क्रमांक (SEIAA-EC-0000000169 दिनांक १० फेब्रुवारी २०१८) महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या <http://www.ecmpcb.in> या संकेत स्थळावर उपलब्ध आहे.

स्थळ : पनवेल  
दिनांक : २३ फेब्रुवारी २०१८

## जाहीर नोटीस

या नोटीसीद्वारे तमाम लोकांस कळविण्यात येते की, माझे अशील श्री अबु हरेरा सफी मोहम्मद खान, रा. प्लॉट नं. ६ झवेरी बाजार, एम.टी.एन एल. समोर, एस.व्ही रोड, कांदिवली (प) मुंबई ४०००६७ हे श्री सफी मोहम्मद खान यांचा मुलगा आहे व त्यांचा वयादेशीर वारस आहेत व तसेच श्री सफी मोहम्मद खान यांचे दिनांक २८.०८.२००८ रोजी निधन झाले आहे. सदर त्यांच्या हयातीत त्यांनी कोणाच्याही नावे त्यांच्या मिळकतीबाबत मृत्युपत्र केलेले नाही तरी देखील सबीना सफी मोहम्मद खान हे दिनांक ३० मार्च २००४ चे श्री सफी मोहम्मद खान यांचे खोटे व बनावट मृत्युपत्र दाखवून त्यांची मिळकत विकु पाहत आहे तसेच हस्तांतरीत करण्याचा प्रयत्न करत आहे त्यामुळे सबीना सफी मोहम्मद खान हयाच्याशी श्री सफी मोहम्मद खान यांच्या मिळकतीबाबत कोणत्याही प्रकारे व्यवहार करू नये व केव्यास व्यवहार बेकायदेशीर असेल व तो व्यवहार माझ्या अशिलावर बंधनकारक नसेल, याची तमाम जनतेने नोंद घ्यावी.

सही/-  
हरीश प. भंडारी (वकील)  
शॉप नं. १२१, सोनम शॉपिंग सेंटर,  
गोल्डन नेट फेस ६, मिरा भाईंदर रोड,  
मिरा रोड, ठाणे.

## जाहिर नोटीस

तमाम लोकांस कळविण्यात येते की, माझे अशील यांना खालील वर्णनाती मौजे-गाळे, ता. वाडा, जि. पालघर येथील श्री. अशोक काशिनाथ पाटील यांचे मालकीची खालील परिशिष्टात वर्णन केलेल्या ७/१२, पैकी क्षेत्राची जमिन मिळकत कायमचे फरोक्तखताने विकत घ्यावयाची आहे.

### परिशिष्ट

मौजे गाळे, ता. वाडा, जि. पालघर

गट नं.	सत्ता प्रकार	क्षेत्र हे.आर.प्र.	विक्री क्षेत्र हे.आर.प्र.	आकार रु. पै.
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२१/७/अ	भोग. व.-१	०.२०.०	०.२०.०	०.१०
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तरी सदर वर्णनाच्या मिळकती बाबत ज्या कोणाचे हक्क, हितसंबंध, फरोक्तखत, साठेखत, वहिवाट, दान, गहाण, बक्षिस इ. व अशा कोणत्याही प्रकारचा करार-मदार हक्क असल्यास तशी लेखी हरकत सदर नोटीस प्रसिध्द झाल्या पासून १४ दिवसांचे आत आमचे नंदनवन बिल्डींग, गाळा नंबर १२, ता. पो. वाडा, जि. पालघर या पत्त्यावर लेखी कागदोपत्री पुराव्यासह कळवावी, त्यानंतर आलेली हरकत मान्य केली जाणार नाही व कोणाचाही, कोणताही हक्क हितसंबंध नाही व असल्यास तो त्याने सोडून दिला असे समजले जाईल व व्यवहार पुर्ण केला जाईल.

खरेदीदार वकिल  
श्री. राजेश जनार्दन भोईर

दिनांक : २३.०२.२०१८

## जाहीर नोटीस

मी सचिन गंगाराम महाडीक, रुम नं-३०२/अ/१२ बास्तु संकल्प सह. गृह. संस्था, संकल्प सहनिवास, प्लॉट क्र १२, गोरगाव (पूर्व), मुंबई-४०००६५. आपणास कळवू इच्छिते की माझी ही सदनिका मला सामान्य कोट्यातून मिळाली असून परंतु संस्थेचा मागासवर्गीय कोटा अपूर्ण असल्यामुळे सदनिका मागासवर्गीय व्यक्तीस विकणे आहे. मागासवर्गीय व्यक्तीस सदर सदनिका घेणे असेल तर इच्छुकांनी जातीचा दाखला व वैध कागदपत्रासह उपरोक्त पत्त्यावर १५ दिवसांच्या आत लेखी स्वरूपात अर्ज सादर करावे. फोन नं-९९६७६३०४२२

## काँसमॉस बँक

रजिस्टर्ड ऑफिस : 'काँसमॉस टॉवर', प्लॉट नं. ६, आयसीएस कॉलनी,  
युनिव्हर्सिटी रोड, गणेशखिंड, पुणे-४११ ००७. फोन : ०२०-६७०८५३११ / ६७०८५३०८

सर्फेसी अँक्ट, २००२ अन्वये ई-लिलाव विक्री सूचना

सर्फेसी अँक्ट, २००२ अन्वये ई-लिलाव विक्री सूचना दि. काँसमॉस को. ऑप. बँक लि. च्या अधिकृत अधिकाऱ्यांनी या ठिकाणी खाली नमूद केल्याप्रमाणे कसूरदाराच्या ताब्यात घेतलेल्या स्थावर मालमत्तेची सिक्कुरिटीयझेशन अँड रिकन्स्ट्रक्शन ऑफ फायनान्शियल अँसेट्स अँड एन्फोर्समेंट ऑफ सिक्कुरिटी इंटरेस्ट अँक्ट २००२ अधीन 'जसे आहे जेथे आहे' आणि 'जसे आहे जे आहे' तत्वांवर विक्री/लिलाव करण्याचे ठरविले आहे.

कर्जदार कंपनीचे/संचालकांचे/जामीनदारांचे/मॉर्गंजरचे नांव आणि शाखा	स्थावर मिळकत विक्री/लिलाव करिता
मे. सिट्रस रिसोर्ट्स बॅंगलुरु प्रा. लि. ... कर्जदार कंपनी ऑफिस : ३२१, पार्वती इंडस्ट्रियल इस्टेट, सन मिल कंपाउंड, लोअर परेल (पश्चिम), मुंबई ४०० ०१३. १) श्री. ओमप्रकाश गोयंका २) श्री. गौरव गोयंका दोघेही राहणार - प्लॉट नं. १०१, सोमरसेट हाऊस, दहावा मजला, ए विंग, वार्डन रोड, मुंबई ४०० ०२६. ३) श्री. आनंद शेटी प्लॉट नं. १२०१, व्हिक्टोरिया क्लासिक, आशानगर जवळ, पी. के. रोड, मुलुंड (प), मुंबई ४०० ०८०. ४) श्री. उमेश वर्तक प्लॉट नं. ८०२, लक्ष्मावडी हाईट्स, गोकुळधाम, गोरगाव (पु), मुंबई. ५) मे. मिराह हॉस्पिटॅलिटी अँड फूड सोल्युशन्स प्रा. लि. ऑफिस - २०८, पार्वती इंडस्ट्रियल इस्टेट, सन मिल कंपाउंड, लोअर परेल (प), मुंबई ४०० ०१३. शाखा - चेंबुर, मुंबई	तारण स्थावर मिळकत म्हणजेच, बॅंगलुरु महानगरपालिकेच्या हद्दीतील, गाव बेळगांव, वरधुर हुबळी, बॅंगलुरु (पुर्व) येथील खाता नं. ७६६/७८०/८३८/८०/२, (जुना खाता नं. ८०/२/३/२८/८३७) आणि खाता नं. ८०/२/३/२८/८३८ जुना सर्व नं. ८०/२ येथे स्थित मोजमापित अंदाजे १३९४९ चौ. फुट म्हणजेच १२९५.६३ चौ. मीटर या मिळकती वरील अंदाजे बांधकाम ५१११.५२ चौ. मीटर म्हणजेच ५१००० चौ. फुट तळमजला अधिक त्यावरील सहा मजले, टेरेस तसेच दोन बेसमेंट, पार्किंग सहित इतर सर्वसाधारण हक्कांसहित चतुःसिमा पुढीलप्रमाणे पुर्वेस - सर्वे क्र. ८०/३, पश्चिमेस - ८०/२, उत्तरेस - रस्ता, दक्षिणेस - अंबालीपुरा हद्द. राखीव किंमत ₹ ३५००.०० लाख (₹ पन्तीस कोटी फक्त) बयाणा किंमत ₹ ३५००.०० लाख (₹ तीन कोटी पन्नास लाख फक्त) कलम १३(२) अन्वये पाठविलेल्या मागणी नोटीसीचा तपशील - दिनांक १९.१०.२०१५ रकम ₹ २५,२५,४६,९९४.२३ (₹ पंचवीस कोटी पंचवीस लाख सहाहत्तिस हजार नऊशे चौ-याणव आणि पैसे तेवीस फक्त) + व्याज, इतर खर्च ताबा दिनांक - दि. ०६.०२.२०१८

लिलाव विक्री / बोली केवळ वेबसाईटवर :- वरील नमूद तारण मिळकतीसाठी दि. २७.०३.२०१८ रोजी दु. १.०० ते २.०० वाजेपर्यंत प्रत्येकी ५ मिनिट अवधीच्या अमर्यादीत कालविस्तारासह ई-लिलाव/बोली अधिकृत संकेत स्थळ <https://sarfaesi.auctiontigger.net> वर होईल.

अटी व शर्ती - १. वरील मिळकतीची विक्री 'जसे आहे जेथे आहे' आणि 'जसे आहे जे आहे' या तत्वांवर करण्यात येईल आणि वर नमूद केलेल्या राखीव किंमती पेक्षा कमीने विकली जाणार नाही. २. सदर विक्री / लिलावाची माहिती, त्याच्या अटी व शर्ती, बोली प्रपत्र आणि बोली/प्रस्ताव यासंदर्भात वरील नमूद बँकेच्या पत्त्यावर/फोन नंबरवर संपर्क साधावा. ३. बोली सादर करण्यापूर्वी बोलीदारांना सापेक्ष मिळकतीच्या संदर्भात त्याच्याद्वारे सदर मिळकतीसंदर्भातील देय थकबाकी आणि हक्क, नामाधिकार, हितसंबंधाबाबत, मिन्न स्वाक्षरीकाराकडून खात्री करून घ्यावी, आणि त्यानंतर या संदर्भातील कोणत्याही प्रकारची हरकत विचारात घेतली जाणार नाही. ४. प्रयोज्य मुद्रांक शुल्क, अतिरिक्त मुद्रांक शुल्क हस्तांतरण आणि नोंदणी प्रभार, शुल्क, इ. तसेच विक्रीसंदर्भातील जीएसटी टीडीएस व इतर खर्च खरेदीदारांना भरायचे आहे. ५. वरील मिळकतीशी संबंधित तसेच त्यांच्या विक्रीसंदर्भातील सर्व सविधानिक / असविधानिक थकबाकी, कर, दर, निर्धारण, प्रभार, शुल्क इ. ची फक्त खरेदीदारांची जबाबदारी राहिल. ६. इच्छुक बोलीदार हे ऑनलाईन बोली करता व प्रशिक्षणासाठी मे. ई- प्रोब्युअरमेंट टेक्नॉलॉजी लि., ए. ८०१, बॉल स्ट्रीट-२, ऑरिएंट क्लबसमोर, गुजरात कॉलेज जवळ, एलिस ब्रिज, अहमदाबाद-३८०००६, गुजरात, फोन नं. ०७९-४०२७०० ५९४/५९६/५९८/५९८/५९८/५९८, यांचे कडून ऑनलाईन बोली करता प्रशिक्षण घेऊ शकतात. संपर्क व्यक्ती: akash.karhe@auctiontigger.net, मो.नं. - +९१९८३३३९८५४७. ई-मेल vijay.shetty@auctiontigger.net, श्री. तिलक मराठा मो.नं. - ६३५९८९६८३२ व ईमेल - tilak@auctiontigger.net. ७. अनामत रक्कम आणि केवळसी २३.०३.२०१८ रोजी किंवा पुर्वी सायं ६.०० वाजे पर्यंत निम्नस्वाक्षरीकारांकडे पहिला मजला, काँसमॉस टॉवर, प्लॉट नं. ६, आय.सी.एस. कॉलनी, युनिव्हर्सिटी रोड, गणेशखिंड, शिवाजीनगर पुणे-४११००७ येथे पोहचणे आवश्यक आहे. बोलीदारांना लिलावाच्या दरम्यान बोली वाढविण्याचा हक्क आहे. ८. यशस्वी बोलीदारांना बोलीरकमेच्या २५% रकम (बयाणा रकम वजा जाता) त्वरीत भरणे, तसेच उर्वरित ७५% रकम वरील मिळकतीची विक्री निश्चित झाल्यानंतर १५ दिवसांत जमा करणे आवश्यक आहे. २५% रकमेची पुर्तता बोलीदाराकडून दिलेल्या मुदतीत न झाल्यास त्यांनी भरलेली बयाणा रकम कोणतीही पुर्वसुचना अथवा नोटीस न देता जप्त करण्यात येईल. तसेच २५% रकमेचा भरणा केल्यानंतर व अधिकृत अधिकारी यांनी विक्री/लिलाव कायम केल्यानंतर उर्वरित ७५% रकम पुढील १५ दिवसांत कार्यालयीन वेळेत भरणे बंधनकारक राहिल. जर सदरचा भरणा सदर मुदतीत केला गेला नाही तर भरलेली २५% रकम कोणतीही पुर्व सूचना न देता जप्त करण्यात येईल व सदर मिळकतीची विक्री कारवाई पुन्हा करण्यात येईल. तसेच यशस्वी बोलीदारांची अनामत (बयाणा) रकम ई-लिलावप्रक्रिया पूर्ण झाल्यानंतर परत करण्यात येईल तसेच बयाणा रकमेवर कोणतेही व्याज देण्यात येणार नाही. ९. अनामत रकम (बयाणा रकम) दि. काँसमॉस को. ऑप. बँक लि. अनामत खाते नं. ०९०३७००२२ आयएफएसी कोड COSB000000१० मध्ये आरटीजीएस / एनइएफटी फंड ट्रान्सफर मार्फत जमा करायची आहे. सदर मिळकतीच्या विक्री व निरीक्षणासंदर्भातील माहितीसाठी ०२०-६७०८५३०८, वसुली विभाग या क्रमांकावर संपर्क साधण्यात यावा. १०. सापेक्ष मिळकतीचे निरीक्षण दि. २१.०३.२०१८ रोजी स. ११.०० ते दु. ३.०० वा दरम्यान करता येईल. ११. कोणतेही कारण न देता, कोणताही किंवा सर्व प्रस्ताव स्वीकारणे किंवा नाकारणे किंवा लिलाव तहकुब/पुढे ढकलणे/रद्द करण्याचे सर्वस्वी अधिकार अधिकृत अधिकाऱ्याकडे राहिल. १२. विक्री प्रमाणपत्र फक्त खरेदीदार / अर्जदाराचे नावे जारी करण्यात येईल. व कोणत्याही अन्य नावाने नाही. १३. विक्री दि. सिक्कुरिटीयझेशन अँड रिकन्स्ट्रक्शन ऑफ फायनान्शियल अँसेट्स अँड एन्फोर्समेंट ऑफ सिक्कुरिटी इंटरेस्ट अँक्ट, २००२ अंतर्गत विहीत नियम / अटीच्या अधीन राहिल. १४. विक्री अधिकृत अधिकाऱ्याच्या निश्चितीच्या अधीन होईल.

### विशेष सूचना आणि इशारा

बोलीदारांना त्यांच्या स्वतःच्या हितसंबंधात शेवटचे मिनिट / सेकंदांला बोली करणे टाळावे. काँसमॉस बँक किंवा सेवा पुरवठादार कोणतीही त्रुटी / कसूर (इंटरेक्टिव्हल्युअर, वीज जाणे इ.) करिता विक्रेत्यांच्या वतीने जबाबदार राहणार नाही. अशा आकस्मिक घटना टाळण्यासाठी बोलीदारांना बँक ऑप पोवर सप्लाय अशी सर्व आवश्यक व्यवस्था / पर्याय करण्याची विनंती करण्यात येत आहे. ज्यामुळे त्यांना यशस्वीपणे लिलावात सहभागी होणे शक्य होईल.

दिनांक : २३/०२/२०१८  
ठिकाण : बॅंगलुरु

सही/  
अधिकृत अधिकारी  
दि. काँसमॉस को. ऑप. बँक लि.



ASSET MANAGEMENT  
IIFL Asset Management Limited



**PUBLIC NOTICE**

This is to inform all the members of the public that:

The Proposed Integrated Township Project known as "Godrej City - Panvel" situated at Village Khanavale, Taluka - Panvel, and Village Talegaon, Taluka - Khalapur, District Raigad, Maharashtra by Caroa Properties LLP (Ravi G. Khubchandani & 6 others) has been accorded Amendment in Environmental Clearance by the State Level Environmental Impact Assessment Authority (SEIAA), Government of Maharashtra vide its Letter No. SEIAA-EC-0000000169, Dated February 10, 2018. Copy of the Environmental Clearance letter is available with web portal of Maharashtra Pollution Control Board at <http://www.ecmpcb.in>

Place : Panvel

Date : 23th Feb. 2018



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

**Unique Application Number**

MPCB-ENVIRONMENT\_STATEMENT-0000071489

**Submitted Date**

24-09-2024

## PART A

### Company Information

**Company Name**

M/s. Caroa Properties LLP

**Application UAN number**

--

**Address**

Sr No. 38/0 & Sr No. 6/0, Khanavale  
Village, Panvel Taluka, Talegaon, Tal.  
Khalapur, Raigad

**Plot no**

Sr No. 38/0 & Sr No. 6/0

**Taluka**

Panvel Taluka

**Village**

Khanavale Village

**Capital Investment (In lakhs)**

20000

**Scale**

Large

**City**

Raigad

**Pincode**

410202

**Person Name**

Mr. Ankit Sidhpura

**Designation**

Manager

**Telephone Number**

09930231102

**Fax Number**

00

**Email**

ankit.sidhpura@godrejproperties.com

**Region**

SRO-Raigad I

**Industry Category**

Red

**Industry Type**

other

**Last Environmental statement  
submitted online**

no

**Consent Number**

Format1.0/CAC-CELL/UAN  
No.0000161651/CR/2307000866

**Consent Issue Date**

2023-07-14

**Consent Valid Upto**

2025-02-28

**Establishment Year**

2017

**Date of last environment statement  
submitted**

Sep 30 2023 12:00:00:000AM

**Industry Category Primary (STC  
Code) & Secondary (STC Code)**

### Product Information

**Product Name**

NA

**Consent Quantity**

0

**Actual Quantity**

0

**UOM**

CMD

### By-product Information

**By Product Name**

Not Applicable - Integrated township project

**Consent Quantity**

0

**Actual Quantity**

0

**UOM**

CMD

## Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	0.00	0.00
Cooling	0.00	0.00
Domestic	383.00	287.25
All others	0.00	0.00
Total	383.00	287.25

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily Quantity of sewage from the factory	325.89	244.41	CMD
Daily Quantity of Treated effluent from factory	00	219.96	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Not Applicable - Integrated township project	0	0	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Not Applicable - Integrated township project	0	0	CMD

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD for D.G. Set (1 x 750 KVA, 1 x 160 KVA)	0.100	0.075	KL/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Monitoring not carried out during Environment statement period of April 2023 – March 2024.	0	0	0	0	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Monitoring not carried out during Environment statement period of April 2023 – March 2024.	0	0	0	0	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0.075	KL/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	KL/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Biodegradable Waste	0	184.03	MT/A
Non- Biodegradable Waste	0	107.35	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP Sludge	0	2.07	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Kg

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.075	KL/A	Liquid

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Biodegradable Waste	184.03	MT/A	Solid (Used as manure within premises)
Non- Biodegradable Waste	107.35	MT/A	Solid (Sale to authorized vendor for recycling)
STP Sludge	2.70	MT/A	Semi-solid (Used as a Manure within own premises)

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
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Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Environment monitoring, Health & Safety, Toilet & drinking water facility.	NA	11.5

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Environment monitoring, Health & Safety, Toilet & drinking water facility.	NA	11.5

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Environmental Monitoring not carried out during Environment statement period of April 2023 – March 2024.

Name & Designation

Mr. Ankit Sidhpura, Manager

UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000071489

Submitted On:

24-09-2024