Gmail **EPRI Mumbai <mumbai.epri@gmail.com>**

Six Monthly Compliance Report - Amrut Tara CHSL

1 message

EPRI Mumbai <mumbai.epri@gmail.com> Fri, Oct 20, 2023 at 5:41 PM
To: "Shri. V N Ambade" <apccfcentral-ngp-mef@gov.in>
Cc: kedar.bakalkar@lodhagroup.com, Avick Sil <avick1114@gmail.com>, rupesh.kadam2@lodhagroup.com, Avick <avick@eprindia.com>

Respected Sir,

We are enclosing herewith Six-Monthly Compliance Report of Environment Clearance for Proposed Redevelopment Project ‘Amrut Tara CHSL' at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova, Taluka Andheri, (MSD), Mumbai

Kindly receive the same for your record and reference.

Reference: - Environment Clearance no: SEIAA-EC-0000000612 dated January 15, 2019

Link to download – https://we.tl/t-0O1bCjnIvt

Thanks & Regards,
For,
M/s. Meghvernam Realty Pvt. Ltd

Gmail **EPRI Mumbai <mumbai.epri@gmail.com>**

Six Monthly Compliance Report - Amrut Tara CHSL

1 message

EPRI Mumbai <mumbai.epri@gmail.com> Fri, Oct 20, 2023 at 5:43 PM
To: SRO Mumbai 1 <sromumbai1@mpcb.gov.in>
Cc: RO Mumbai <romumbai@mpcb.gov.in>, Avick <avick@eprindia.com>, Avick Sil <avick1114@gmail.com>, kedar.bakalkar@lodhagroup.com, rupesh.kadam2@lodhagroup.com

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We are enclosing herewith Six-monthly compliance report of Environment Clearance for Proposed Redevelopment Project ‘Amrut Tara CHSL' at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova, Taluka Andheri, (MSD), Mumbai Kindly receive the same for your record and reference.

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Link to download – https://we.tl/t-6HZfhzOXob

Thanks & Regards,
For,
M/s. Meghvernam Realty Pvt. Ltd

SIX MONTHLY COMPLIANCE REPORT OF STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE

(June 2023 – December 2023)

Of

Proposed Redevelopment Project 'Amrut Tara CHSL

At

Plot bearing CTS No 1231/4 & 1231/5 of Village Versova , Taluka Andheri, (MSD), Mumbai

M/s. Meghvernam Realty Pvt. Ltd.

'Amrut Tara CHSL' at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova, Taluka Andheri, (MSD), Mumbai

Prepared By

Enviro Policy Research India Pvt. Ltd (EPRIPL)
QCI-NABET Accredited Consultant
An ISO 9001:2015 Certified Company
607, Oriana Business Park, Road No. 22,
Wagle Estate, Thane (W) – 400604, Maharashtra
Email: manager@eprindia.com; Website: www.eprindia.com

Submitted to

Maharashtra Pollution Control Board (Mumbai),
Environment Department, Mantralaya and
Ministry of Environment and Forests and Climate Change
(Regional Office)

Project Details:

<table>
<tr><th>Sr. No.</th><th>Project details</th><th></th></tr>
<tr><td>1.</td><td>Name of the project</td><td>Proposed Redevelopment Project ‘Amrut Tara CHSL at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova, Taluka Andheri, (MSD), Mumbai</td></tr>
<tr><td>2.</td><td>Name of the project proponent</td><td>M/s Meghvernam Realty Pvt. Ltd</td></tr>
<tr><td>3.</td><td>Clearance Identification No. and Date</td><td>SEIAA-EC-0000000612 January 15, 2019</td></tr>
<tr><td>4.</td><td colspan="2">Area Statement:</td></tr>
<tr><td>5.</td><td>Total Plot area (Sq.mt)</td><td>7831.00 sqm</td></tr>
<tr><td>6.</td><td>FSI Area (Sq.mt)</td><td>13,748.06 Sq.m</td></tr>
<tr><td>7.</td><td>Non-FSI Area (Sq.mt)</td><td>14,551.34 Sq.m</td></tr>
<tr><td>8.</td><td>Total Construction area (Sq.mt)</td><td>28299.4 Sq.m</td></tr>
<tr><td>9.</td><td>Water Requirement of the project (CMD)</td><td>
<table>
<tr><td rowspan="8">Dry Season</td><td>Fresh water (CMD): 91</td></tr>
<tr><td>Recycled water -Flushing (CMD): 45</td></tr>
<tr><td>Recycled water - Gardening (CMD):2</td></tr>
<tr><td>Swimming pool make up (Cum):NA</td></tr>
<tr><td>Total Water Requirement (CMD): 138</td></tr>
<tr><td>Firefighting -Underground water tank (CMD): 300 cum</td></tr>
<tr><td>Firefighting - Overhead water tank (CMD): 90 cum</td></tr>
<tr><td>Excess treated water: 53</td></tr>
<tr><td rowspan="4">Wet Season</td><td>Fresh water (CMD): 91</td></tr>
<tr><td>Recycled water - Flushing (CMD): 45</td></tr>
<tr><td>Recycled water -Gardening (CMD):0</td></tr>
<tr><td>Wet</td><td>Swimming pool make up (Cum): NA</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><td></td><td></td><td><table>
<tr><td rowspan="4">Season</td><td>Total Water Requirement (CMD): 136</td></tr>
<tr><td>Firefighting - Underground water tank (CMD): 300 Cum</td></tr>
<tr><td>Firefighting - Overhead water tank (CMD): 90 Cum</td></tr>
<tr><td>Excess treated water: 55</td></tr>
</table></td></tr>
<tr><td>10.</td><td>STP details</td><td>STP technology: MBBR

Capacity of STP(CMD): 120 KLD</td></tr>
<tr><td>12.</td><td>Solid waste details
(During Operation Phase</td><td>Dry waste: 202 Kg/d
Wet waste: 303 Kg/d</td></tr>
</table>

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment & Forests

Regional Office (West Central Zone), Nagpur

Monitoring Report

PART – I

DATA SHEET

Date: 18-10 -2023

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	8 (a)
2.	Name of the project		:	Proposed Redevelopment Project 'Amrut Tara CHSL at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova, Taluka Andheri, (MSD), Mumbai
3.	Clearance Identification No. and Date		:	SEIAA-EC-0000000612 January 15, 2019
4.	Location		:	Village- Versova
	a.	District (S)	:	Mumbai Suburban
	b.	State (S)	:	Maharashtra
	c.	Latitude/ Longitude	:	Latitude- 19° 8'23.67"N Longitude- 72°48'43.09"E
5.	Address for correspondence		:	**M/s. Meghvernam Realty Pvt. Ltd** 'Amrut Tara CHSL' at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova, Taluka Andheri, (MSD), Mumbai
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	'Amrut Tara CHSL' Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova, Taluka Andheri, (MSD), Mumbai
	b.	Address of Executive Project: Engineer/Manager (with pincode/ Fax numbers)	:	
6.	Salient features		:	

	a.	of the project	:	Annexure A
	b.	of the environmental management plans	:	Annexure B
7.	Break up of the project area		:	
	a.	submergence area forest & non-forest	:	Non-Forest
	b.	Others	:	Annexure – A
8.	Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan		:	Not Applicable
	a.	SC, ST/Adivasis	:	Not Applicable
	b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)	:	Not Applicable
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	:	Cost of the project: Rs. 67,30,00,000/-
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	EMP Cost earmarked: Capital Cost – Rs. 102 Lakhs O & M Cost – Rs. 7.2 Lakhs
	c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	-

	d.	Whether (c) includes the Cost of environmental management as shown in the above.	:	Yes. Refer Annexure - C
	e.	Actual expenditure incurred on the environmental management plans so far	:	EMP Cost incurred: Capital Cost – Rs. 102 Lakhs O & M Cost – Rs. 7.2 Lakhs
10.	Forest land requirement		:	
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, if any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	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		:	Architect certificate is attached
	a.	Date of commencement (Actual and/or planned)	:	2019
	b.	Date of completion (Actual and/ of planned)	:	2028
13.	Reasons for the delay if the Project is yet to start		:	Project work started
14	Dates of site visits		:	

	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	--
	b.	Date of site visit for this monitoring report	:	--
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits		:	Not Applicable
	(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.)		:	-

Current Status of Work

Current status of Construction work		**Architect letter is attached**
a.	Date of Commencement (Actual and/ or planned)	2019
b.	Date of completion (Actual and/ or planned)	2028

Undertaking Letter

architects
planners
valuers

pradeepmkamble and associates

H.O. B/101, 1st Floor, Jakh Bautera Complex, Pandit Malviya Path, Ramnagar, Dombivli (E) 421 201.
✆ : (0251) 2862642 • Fax : (0251) 2860995 • E-mail : kkkkamble@yahoo.com

Date: 11.10.2023

Undertaking

We, M/s Pradeep Kamble Associates, Architect for Proposed Redevelopment Project 'Amrut Tara CHSL at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova, Taluka Andheri, (MSD), Mumbai by **M/s. Meghvarnam Realty Private Limited**

Environment Clearance has been obtained on (File No. SEIAA-EC-0000000612 dated January 15, 2019)

We are submitting herewith the current status of the project as follows:

Area statement as per EC received	In sq. m
Total Construction area	28299.40
Total FSI area	13748.06
Total Non- FSI area	14551.34
Construction done till date	19835.39

Thanking You.

Yours faithfully,

For, M/s. Pradeep Kamble & Associates,

PRADEEP MAHIPAT KAMBLE

Mr. Pradeep Kamble

(CA/87/10471)

Point wise compliance status to various stipulations laid down by the Government of Maharashtra as per the Environmental Clearance issued vide letter no.

SEIAA-EC-0000000612 dated 15th January 2019 as follows:

Sr. No.	Conditions	Status
Specific Conditions		
I.	PP to submit undertaking regarding actual construction carried out on site as of now with total BUA.	Noted. Architect Certificate attached.
II.	PP to upload architect Certificate.	Noted.
III.	SEIAA decided to grant EC for: FSI area: 13748.06 m2, Non FSI area: 14557.34 m2 & Total BUA: 28299.40 m2 (IOD no. MCP/1964 approval Date 10.09.2013)	PP Agreed to Condition
General Conditions		
I.	E-waste shall be disposed through Authorized vendor as per E-waste (Management & Handling) Rules, 2016.	PP has Noted the condition.
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 & proper disposal of treated water as per environmental norms.	PP has Noted the condition.
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 to the project	PP has reported that the project site is located at Lower Parel within the urban limits and falls under the Municipal Corporation of Greater Mumbai (MCGM), there are no protected areas lying within a distance of 10 km from the project site

	which will be considered separately on merit.	
IV.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	PP has Noted the condition.
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.	PP has Noted the condition.
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.	PP has obtained Consent to Establish and has applied for Revalidation of the same from Maharashtra Pollution Control Board. Details of application – <u>Obtained Consent to Establish –</u> • Format 1.0/BO/RO-HQ/MU-6715/CE/CC-14330 dated 09.11.2015. <u>Applied for Revalidation of Consent to Establish -</u> • UAN No. MPCB-CONSENT-0000171947 applied on 25-05-2023. Copy attached below as Annexure 2.
VII.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	PP has reported that following NBC sanitary and hygienic norms. Provision of good quality drinking water and sufficient no. of toilets are provided on site.

VIII.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	PP has reported that good quality drinking water supply is ensured by the proponent. Waste water: Mobile Toilets for sanitary disposal of excreta are provided by the project proponent for construction workers during construction activity. Solid waste: Waste generated during the construction phase is handed over to MCGM
IX.	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for lad filling after recovering recyclable material.	PP has reported that Waste generated during the construction phase is handed over to MCGM
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.	Will be complied.
XI.	Arrangement shall be made that the wastewater and storm water do not get mixed.	PP has reported that separate provision is made for waste water and storm water.
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	PP has reported that topsoil is stored within the site and will be used for landscaping
XIII.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that the natural drainage system of the area is protected and improved.	PP has reported that Additional soil will be used for site levelling purpose.

XIV.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	The proponent will develop green belt of adequate density of local species along the periphery of the plot so as to provide protection against noise and air pollution and will enhance the aesthetic value of region.
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.	The soil samples were collected to check the quality of soil. No ground water samples were collected since no ground water source is available.
XVI.	Construction soils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dumpsites for such material must be secured so that they should not leach into the ground water.	PP has Noted the condition.
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.	PP has Noted the condition.
XVIII.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	DG sets are used only during power failure
XIX.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	During operation phase DG set will be installed as per CPCB norms. DG set is yet to be installed
XX.	Vehicles hired for bringing construction material to the site should be in good condition and should have pollution check certificate and should	PP has reported that All the vehicles bringing construction material have valid PUC certificate. All the vehicles do comply

	conform to applicable air and noise emission standards and should be operated only during non-peak hours.	with relevant air and noise standard. The proponent has specifically instructed the subcontractors to run the vehicles during non-peak hours
XXI.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient 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.	PP has reported that Barricades have been provided on site to reduce noise level
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 site is located within the 100 Km of Thermal Power Stations).	PP has reported that the project is using fly ash as a part of composition.
XXIII.	Ready mixed concrete must be used in building construction.	PP has reported that the project is using design mix on site for construction.
XXIV.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	PP has reported that Storm / Rain- water drainage system from the roof terrace of the buildings will be collected. It will also be collected from various levels of building, including balcony drains This water will be stored in the rain water harvesting tank by means of draining, storing part rain water, its re-use and surface runoff water.
XXV.	Water demand during construction should be reduced by use of pre-mixed	RMC is being used for reducing water consumption.

	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.	PP has reported that the proponent is not using/ extracting any ground water
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 extent possible. Discharge of this unused 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.	STP of capacity 120 KLD of MBBR Technology is installed for treatment of wastewater.
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.	PP has reported that No ground water is used at site since there is no ground water source available
XXIX.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	PP has reported that Dual plumbing system will be provided.
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.	PP has reported that Low flow Fixtures either by use of aerators or pressure reducing devices or sensor-based control

		for shower, toilets flushing and drinking will be used.
XXXI.	Use of glass may be reduced up to 40% to reduce the electricity consumption and loan on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	PP has reported that the residential building has glass percentage around 25%.In commercial building glass will be used only for the window panes and shall be chosen such that SHGC (Solar Heat Gain Co efficient) suitable for composite to warm and humid climate
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	PP has reported that ECBC is only applicable for centrally air-conditioned buildings and hence it is not applicable.
XXXIII.	Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the 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.	PP has reported that they will be using solar power for street light with LED lamps, no other internal area is considered to use solar power. They will be using energy efficient lamps such as LED in common areas.
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,	PP has reported that During operation phase DG set will be installed as per CPCB norms. DG sets will be operated only in case of power failure as a backup facility

	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 DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	
XXXV.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	PP has reported that project will not have any activity that can generate noise which will exceed limits.
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.	PP has reported that The project has entry/exit points with sufficient width of road to avoid traffic congestion. The site is well connected to the Eastern freeway
XXXVII.	Opaque wall should meet prescriptive requirement as per Energy Conservative 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.	PP has reported that ECBC is only applicable for centrally air-conditioned buildings and hence it is not applicable
XXXVIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	PP has reported that The buildings are designed as per good design practices and as per MCGM laws. The plans are approved by MCGM
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.	PP has Noted the condition.

XL.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against proponent if it was found that the construction of the project has been started without obtaining environmental clearance.	The project has obtained Environment ClearanceSEIAA-EC-0000000612Dated 15th January 2019
XLI.	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MCPB.	PP has Noted the condition
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 said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	STP 0f 120 KLD capacity is commissioned WIP for RWH, OWC, Solar water heating & green belt is provided.
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.	PP has Noted the condition
XLIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	PP has Noted the condition
XLV.	A complete set of all the documents submitted to department should be	PP has Noted the condition

	forwarded to the Local authority and MPCB.	
XLVI.	In case of any changes in the scope of the project, the project would require a fresh appraisal by this Department.	PP has Noted the condition
XLVII.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	PP has Noted the condition
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.	PP has reported that Separate funds will be allocated for implementation of env. Protection measures as per EMP submitted in EC. EC attached.
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 Marathi language of the local concerned within seven days of the issue of this letter, informing that the project has been accorded environmental clearance ad copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at website as http://ec.maharashtra.gov.in.	Complied.
L.	Project management should submit half yearly compliance reports in respect of the stipulated prior to environmental clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	PP has Noted the condition

LI.	A copy of 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.	PP has Noted the condition
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, SO2, NOx (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.	PP has Noted the condition
LIII.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated EC conditions including results of monitored data (both in hard and soft copies as well as e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Noted. The project has obtained Environment Clearance SEIAA-EC-0000000612on 15 January 2019, for total plot area of 7831.00 sq. m.
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,	PP has Noted the condition

	as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC condition and shall also be sent to the respective Regional Offices of MoEF by e-mail.	

List of Annexure

S. No	Annexure Name
1	EC Copy
2	Consent Copy

Annexure 1: EC Copy

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date:January 15, 2019

To,
M/s Meghvernam Realty Pvt. Ltd.
at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova , Taluka Andheri, (MSD), Mumbai

Subject: Environment Clearance for Proposed Redevelopment Project 'Amrut Tara CHSL' at Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova , Taluka Andheri, (MSD), Mumbai by M/s Meghvernam Realty Pvt. Ltd

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 67th 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 150th meetings.

2. It is noted that the proposal is considered by SEAC-II under screening category 8 (a) B2 as per EIA Notification 2006.

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

1.Name of Project	Proposed Redevelopment Project 'Amrut Tara CHSL'
2.Type of institution	Private
3.Name of Project Proponent	M/s Meghvernam Realty Pvt. Ltd.
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Proposed Redevelopment Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot Bearing CTS No 1231/4 & 1231/5 of Village Versova , Taluka Andheri, (MSD), Mumbai
9.Taluka	Andheri
10.Village	Versova
Correspondence Name:	M/s Meghvernam Realty Pvt. Ltd
Room Number:	139
Floor:	2nd Floor
Building Name:	Seksaria Chambers
Road/Street Name:	N.M. Roa
Locality:	Fort
City:	Mumbai
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IOD & Concession received
	IOD/IOA/Concession/Plan Approval Number: CHE/WS/0176/K/337 (NEW) IOD dt.:- 22/11/2013 concession date 16/9/2013
	Approved Built-up Area: 28299.4

13.Note on the initiated work (If applicable)	Construction of Tenant building started as per CC Received vide letter CHE/WS/0176/K/337(NEW) Dt. 9/4/2014 & Further C.C. Dt.:- 16/5/2017 - Construction area on site till date 13,638.50 sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CFO NOC -Received vide letter FB/HR/RIII/244 Dt. 29/7/2013 Civil aviation- Received vide letter BT-1/NOC/MUM/15/B/183 Dt.6/7/2015 SWD remarks- Received vide letter Dy.ChE/842/SWD/WS Dt. 20/1/2014 HE NoC-Received vide letter HE/24/EEWW(P & R)/NOC Dt. 26/4/2017 Sewer line Connectivity- Received vide letter Dy.Ch.E/(S.P.) P & D Dt. 17/1/2014
15.Total Plot Area (sq. m.)	7831.00 sqm
16.Deductions	1781.97 sqm (for Layout Amenity that is proposed to be Treated as Accommodation Reservation)
17.Net Plot area	6049.03 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**FSI area (sq. m.):** 13,748.06
	Non FSI area (sq. m.): 14,551.34
	Total BUA area (sq. m.): 28299.4
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 13,748.06
	Approved Non FSI area (sq. m.): 14,551.34
	Date of Approval: 16-09-2013
19.Total ground coverage (m2)	2349.3
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	30%
21.Estimated cost of the project	673000000

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	MCGM / treated water from STP
	Fresh water (CMD):	91
	Recycled water - Flushing (CMD):	45
	Recycled water - Gardening (CMD):	2
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	138
	Fire fighting - Underground water tank(CMD):	300 cum
	Fire fighting - Overhead water tank(CMD):	90 cum
	Excess treated water	53
Wet season:	Source of water	MCGM/RWH/ treated water from STP
	Fresh water (CMD):	91
	Recycled water - Flushing (CMD):	45
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	136
	Fire fighting - Underground water tank(CMD):	300 cum
	Fire fighting - Overhead water tank(CMD):	90 cum
	Excess treated water	55
Details of Swimming pool (If any)	NA	

24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	2.0m – 2.6 m bgl
	Size and no of RWH tank(s) and Quantity:	1 x 53 cum (2 day holding capacity)
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs 1.50 Lakhs
	Budgetary allocation (O & M cost) :	Rs 0.10 Lakhs /Annum
	Details of UGT tanks if any :	Domestic Water Tank 95 cum Flushing Water Tank 49 cum Fire Water Tank 300 cum Rain Water Harvesting Tank 53 cum Location of tank Ground
26.Storm water drainage	Natural water drainage pattern:	South to north
	Quantity of storm water:	0.129 m3/sec
	Size of SWD:	0.450 m x 0.450m
27.Sewage and Waste water	Sewage generation in KLD:	112 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	120 KLD
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs 25.00 Lakhs
	Budgetary allocation (O & M cost):	Rs 4.00 lakhs /annum

28.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavation 850 cum , Cement Bags 7500 bags , Paint container (@20L) 375 cans, Scrap metal generated 2.5 tons, Broken Tiles 600 sqm
	Disposal of the construction waste debris:	Excavation handed over as per debris NOC, Cement Bags Empty bags to be handed over to recycler. Paint container (@20L) To be handed over to recycler., Scrap metal generated Entirely to be sold for recycling, Broken Tiles Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces.
Waste generation in the operation Phase:	**Dry waste:**	202 Kg/day
	Wet waste:	303 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	6 Kg/day
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	To be hand over to Local Recyclers for recycling
	Wet waste:	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	E-waste to be handed over to MPCB authorized vendors
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	20 sqm
	Area for machinery:	3 sqm
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs 7 .00Lakhs
	O & M cost:	Rs 2.00 lakhs /annum

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			

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
33.Source of Fuel		Not applicable		
34.Mode of Transportation of fuel to site		Not applicable		

35.Energy

Power requirement:	**Source of power supply :**	Reliance /TATA
	During Construction Phase: (Demand Load)	80kW
	DG set as Power back-up during construction phase	100 kVA
	During Operation phase (Connected load):	1823.58
	During Operation phase (Demand load):	1135.25
	Transformer:	1 x 1500 kVA
	DG set as Power back-up during operation phase:	1 x 900kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

Energy saving by non-conventional method:

Internal Lighting (compact fluoresent lamp ,T5 lamp with electronic ballast, LED,lamp air conditioning (advance BEE 5 star rated ac equipment) Energy efficient equipments water heating (advance BEE 5 star rated geysers) Solar Lighting for landscape / Drive way Energy efficient T5 lights (in stilt/podium parking) LED lights for Lobby/staircase with 70% on Solar Lifts(Advance lift with VVVF technology and high efficient)

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	overall Energy Saving	11 %
2	Solar savings :	4 %

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. 15.00 lakhs
	O & M cost:	Rs. 0.10 lakhs

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	3
2	Noise Environment	Noise Baricades and Green Belt Developments	2
3	Water Environment	Modular STP , Drainage with sedimentation tanks	3
4	Good Health Practices	Site Sanitation & Health Care	3
5	Environment Monitoring	Air,water,noise soil monitoring during construction phase	3

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	Rain Water Harvesting	1.5	0.1
2	Solid waste management	OWC	7	2
3	Wastewater management	STP	25	4
4	Energy conservation	Solar , LED	15	0.1
5	Landscaping	Landscaping	5	1

39.Storage of chemicals (inflamable/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

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 150th 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:

I	PP to submit undertaking regarding actual construction carried out on site as off now with total BUA.
II	PP to upload architect Certificate.
III	SEIAA decided to grant EC for : FSI area: 13748.06 m2,Non FSI area: 14557.34 m2 & Total BUA:28299.40 m2 .(IOD no. MCP/1964 Approval Date 10.09.2013)

General Conditions:

I	E-waste shall bedisposed 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 affluent, 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 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.
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 http://ec.maharashtra.gov.in.
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

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

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

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

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

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

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

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

Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER MUMBAI
10. MUNICIPAL COMMISSIONER NAVI MUMBAI
11. REGIONAL OFFICE MPCB MUMBAI
12. REGIONAL OFFICE MPCB NAVI MUMBAI
13. REGIONAL OFFICE MIDC ANDHERI
14. REGIONAL OFFICE MIDC KOPER KHAIRANE NAVI MUMBAI
15. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
16. COLLECTOR OFFICE MUMBAI
17. COLLECTOR OFFICE MUMBAI SUB-URBAN

Annexure 2: Consent Copy

MAHARASHTRA POLLUTION CONTROL BOARD

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

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

Infrastructure /Orange/LSI
Consent order No: Format1.0/BO/RO-HQ/MU-6715-15/CE/CC-14330 Date- ~~/10/2015~~ 09/11/2015

To,
M/s. Sarthak Developers,
"Amrut Tara CHSL"CTS No. 1231/4 & 1231/5,
Village Versova,Taluka Andheri,(MSD),Mumbai-400 058

Subject: Consent to Establish for Building/Construction project Orange category.
Ref : Minutes of Consent Committee meeting held on 23/09/2015.

Your application CE1504000649
Dated: 23rd April, 2015.

For: Consent to Establish for Building/Construction project under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent is granted for a period up to commissioning of the project of 5 years whichever is earlier.**

2. **The proposed capital investment of the project is Rs. 120 Cr. (As per undertaking submitted by project proponent)**

The Consent to Establish is valid for construction of residential redevelopment project named as **M/s. Sarthak Developers "Amrut Tara CHSL",Village Versova,Taluka Andheri, (MSD), Mumbai-400 058** for **total plot area of 7,831.0 Sq. Mtrs and total construction built up area 52,786.69 Sq. Mtrs** including utilities and services as per Construction commencement certificate issued by local body.

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	
2.	Domestic effluent	142	As per Schedule –I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	DG Set	475 KVA	1	As Per Schedule -II
2	DG Set	900 KVA	1	As Per Schedule -II

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

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	339 Kg/Day	OWC	Used as Manure
2	Non-Biodegradable	226 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3	STP Sludge	7 Kg/Day	----	Used as Manure

6. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and Disposal of hazardous waste; NIL.

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

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

9. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.

9. **The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto.**

As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010,fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of –

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	Rs. 2,40,100/-	100782	15/4/2015	HDFC Bank

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

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have proposed to install Sewage Treatment Plants (STP) with the design capacity of 160 CMD.

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

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for Ph
01	BOD (3 days 27oC)	30
02	Suspended Solids	50
03	COD	100
04	Residual Chlorine	1ppm

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.

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

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) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	**Purpose for water consumed**	**Water consumption quantity (CMD)**
1.	Domestic purpose	158

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S %	SO_2
1	DG Set(475 KVA)	Acoustic enclosure	4.0	HSD	344	Ltr/Hr	–	–
1	DG Set(900 KVA)		6.0					

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

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.**

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

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.
   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).

4. **Conditions during construction phase**

A	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
B	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
C	Noise generating activity shall be carried out during day time only.

Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 5 lakh	15 Days	Towards compliance of consent conditions	Upto Commissioning of the project	Five years

Schedule-IV

General Conditions:

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

1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and environmental protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 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) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
    d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
    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 MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
7) Affidavit undertaking in respect of no change in the status of consen t conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
8) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
9) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**

Applied for Revalidation of Consent to Establish

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Application for Consent/ Authorisation

Sir,
I/We hereby apply for*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.

2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.

3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details giver below.

Consent Information

UAN No:	***Application submitted on:***
MPCB-CONSENT-0000171947	25-05-2023

Industry Information

Consent To:	***IIN No.:***	***Submit to:***	
Establish (New)		SRO - Mumbai II	
Type of institution:	***Industry Type:***	***Category:***	***Scale:***
Industry	O21 Building and construction project more than 20,000 sq. m built up area	Orange	L.S.I
Location of industry/activity/etc:	***Name of Local Body:***		
Local Body	MCGM		
EC Reqd.	***EC Obtained***		
Yes	EC Obtained		
EC Ref. No.	***Date of issue of EC***	***Parivesh Proposal Number***	***MoEFCC/SEIAA File Number***
SEIAA-EC-0000000612	Jan 15, 2019	SEIAA-EC-0000000612	SEIAA-EC-0000000612
Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)		No	

General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

Name	***Address***
Haresh Sutaria	CTS No. 307/66A, Village Valnai, Malad (West)
Designation	***Taluka***
Director	Borivali
Area	***District***

Malad (West)	Mumbai Suburban
Telephone 9930005892	***Fax***
Email lavesh.ambetkar@rajeshlifespaces.com	***Pan Number*** AABCS4655B

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

Industry name Meghvernam Realty Pvt. Ltd.	
Location of Unit CTS NO 1231/4 & 1231/5 OF VILLAGE VERSOVA	***Survey number/Plot Number*** CTS NO 1231/4 & 1231/5 OF VILLAGE VERSOVA
Taluka Andheri	***District*** Mumbai Suburban

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

Planning permission IOD/CC	***Planning Authority*** MCGM

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

Name of Local Body MCGM	***Name of the licence issuing authority*** MCGM

3. Names,addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

Name of Managing Director Rajesh Patel	***Telephone number*** 02222670717
Fax number	***Officer responsible for day to day business*** Kedar Bakalkar
4. (a.) Are you registered Industrial unit ?	No
Registration number L70101MH1985PLC036272	***Date of registration*** Dec 10, 2017

5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

Gross capital (in Lakh)	**** Verified***	**** Terms***	**** Consent Fee***
6730.00	Undertaking	1	100000.00

6. If the site is located near sea-shore/river bank/other water bodies/Highway, Indicate the crow fly distance and the name of the water body, if any.

Distance From	***Distance(Km)***	**** Name***
SH/NH	0.00	
River	9.67	Mithi
Human Habitation	0.00	--NA--
Religious Place	0.00	--NA--
Historical Place	0.00	--NA--
Creek/Sea	0.62	Creek/Sea

6b. Enter Latitude and Longitude details of site

Latitude	Longitude
19.8	72.48

7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone. Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

Location	Approved Industry Area	Sensitive Area	If Yes, Name Of Area	Industry Location with Reference to CRZ
NA	No	No	NA	

8. If the site is situated in notified industrial estate,

		Details
(a) Whether effluent collection, treatment and disposal system has been provided by the authority.	No	NA
(b) Will the applicant utilize the system, if provided.	No	NA
(c) If not provided, details of proposed arrangement.	NA	

9.

(a) Total plot area (in squear meter)	(b) Built up area and (in squear meter)	(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in squear meter)
7831	28299.4	478.46

10. Month and year of commissioning of the Unit.

2026-12-31

11. Number of workers and office staff

Workers	staff	Hrs. of shift	Weekly off
100	20	8	1

12.

(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?	No	PROPOSED REDEVELOPMENT PROJECT 'AMRUT TARA CHSL' AT PLOT BEARING CTS NO 1231/4 & 1231/5 OF VILLAGE V

(b) If yes, please state population staying

Number of person staying	Water consumption	Sewage generation	Whether is STP provided?
	138	112	Yes

(c) Indicate its location and distance with reference to plant site.

Number of person staying	Water consumption
AT PLOT BEARING CTS NO 1231/4 & 1231/5 OF VILLAGE VERSOVA	0

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e.Dyes, drugs etc. (Give figures corresponding to maximum installed production capacity

Products Name and Quantity

Product Name	UOM	Product Name	Existing	Consented	Proposed Revision	Total	Remarks

OTHERS	--NA--	Building construction project	0	0	0	0

Products Name and Quantity

Product Name	*UOM*	*Quantity*	*Remarks*
NA	--NA--	0	NA

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	*UOM*	*Quantity*	*Hazardous Waste*	*Hazardous Chemicals*	*Remarks*
NA	--NA--	0	No	No	NA

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

NA

Part B : Waste Water aspects

16. Water consumption for different uses (m3/day)

Purpose	*Consumption*	*Effluent Generation*	*Treatment*	*Remarks*	*Disposal*	*Remarks*
Domestic Pourpose	138	112	STP	Sewage generated will be treated in STP of capacity	Recycle	treated water will be reused for flushing and gardening purpose.
Water gets Polluted & Pollutants are Biodegradable	0	0	--NA--	NA	--NA--	NA
Water gets Polluted,Pollutants are not Biodegradable & Toxic	0	0	--NA--	NA	--NA--	NA
Industrial Cooling,spraying in mine pits or boiler feed	0	0	--NA--	NA	--NA--	Na
Others	NA					

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

Source of water supply	*Name of Local Body*	*Name of authority granting permission*	*Qauntity permitted*
Local Body	MCGM	MCGM	100

18. Quantity of waste water (effluent) generated (m3/day)

Domastic	*Boiler Blowdown*	*Industrial*	*Cooling water blowdown*
112	0	0	0
Process	***DM Plants/Softening***	***Washing***	***Tail race discharge from***
0	0	0	0

* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

NA

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

Capacity of STP (m3/day)

120

Treatment unit	***Size (mxm)***	***Retention time (hr)***
0	0	0

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

Capacity of ETP (m3/day)

0

Treatment unit	***Size (mxm)***	***Retention time (hr)***
0	0	0

22.

(i) Are sewage and trade effluents mixed together?	No
If yes, state at which stage-Whether before, intermittently or after treatment.	NA

23. Capacity of treated effluent sump, Guard Pond if any.

Capacity of treated effluent sump (m3)	NA	
Effluent sump/Guard pond details	No	NA
If yes, state at which stage-Whether before, intermittently or after treatment.	No	NA

24. Mode of disposal of treated effluent With respective quantity, m3/day

(i) into stream/river (name of river)	0	***(ii) into creek/estuary (name of Creek/estuary)***	0
(iii) into sea	0	***(iv) into drain/sewer (owner of sewer)***	53
(v) On land for irrigation on owned land/ase land. Specify cropped area.	0	***(vi) Connected to CETP***	0
(vii) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)	0		

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

Untreated Effluent

pH	6.5-7.5
SS (mg/l)	150-200
BOD (mg/l)	200-400

COD (mg/l)	600-700
TDS (mg/l)	1000-2000

Specific pollutant if any	***Name***	***Value***
1	NA	NA

Treated Effluent

pH	7-7.5
SS (mg/l)	less than 10
BOD (mg/l)	less than 10
COD (mg/l)	less than 50
TDS (mg/l)	less than 100

Specific pollutant if any	***Name***	***Value***
1	NA	NA

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

NA

---

26. Fuel consumption

Fuel Type	***UOM***	***Fuel Consumption TPD/LKD***	***Calorific value***
Diesel	Ltr/Hr	200	10800
Ash content	***Sulphur content***	***Quantity***	***Other (specify)***
0	0.01	1	NA

---

27. (a) Details of stack (process & fuel stacks: D. G.)

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
1	DG	0	Diesel
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
200	SS	Round	As per MPCB standards
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.02	2	424	4
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
NA	SPM	stack of adequate height as per MPCB norms	750

---

27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

NA

---

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder\etc. As per Central Board Publication "Emission regulations Part-III" (December, 1985)

Poart hole	No	***Details***	NA
Platform	No	***Details***	NA
Ladder	No	***Details***	NA

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

Sr. No.	Stack attached to	Parameter	Concentration mg/Nm3	flow (Nm3/hr)
1	NA	NA	0	0

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/ Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

NA

Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

Waste (Annually) Schedule I

Cat No	Type	Qty	UOM
NA		0	--NA--

Max	Method of collection	Method of reception	Method of storage
	NA	NA	NA

Method of transport	Method of treatment	Method of disposal
NA	NA	NA

Waste (Annually) Schedule II

31. Details about use of hazardous waste

Name of hazardous waste/Spent chemical	Quantity used/month	Party from whom purchased	Party to whom sold
NA	0	NA	NA

32.

a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste

NA

b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics

NA

33.

Copy of format of manifest/record Keeping practiced by the applicant.

NA

34.

Details of self-monitoring (source and environment system)

NA

35.

Are you using any imported hazardous waste. If yes, give details.

NA

36.

Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.

NA

37.

Present treatment of hazardous waste, if any (give type and capacity of treatment units)

NA

38. Quantity of hazardous waste disposal

(i) Within factory

0

(ii) Outside the factory (specify location and enclose copies of agreement.)

0

(iii) Through sale (enclosed documentary proof and copies of agreement.)

0

(iv) Outside state/Union Territory, if yes particulars of (1 & 3) above.

0

(v) Other (Specify)

0

Part - E: Additional information

39.

a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.

NA

b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.

NA

40.

Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).

As per EMP

41.

To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?

STP

42.

Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure

STP

43. Nature, quantity and method of disposal of non- hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	Quantity	UOM	Treatment	Disposal	Other Details
Bio degradable waste	303	Kg/Day	OWC	Will be used as a manure for gardening	
Non biodegradable waste	202	Kg/Day	Segregation	Will be handed over to Local body	
STP sludge	6	Kg/Day	Storage	Will be used as a manure for gardening	

44. Hazardous Chemicals – Give details of Chemicals and quantities handled and Stored.

(i) Is the unit a Majot Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?

NA

(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?

NA

(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.

NA

(iv) Has approval of site been obtained from the concerned authority?

NA

(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?

NA

(vi) Has information on imports of Chemicals been provided to the concerned authority?

NA

(vii) Does the unit possess a policy under the PLI Act?

NA

45. Brief details of tree plantation/green belt development within applicant's premises (in hectors)

Open Space Availability	Plantation Done On	Number of Trees Planted
478.46 Square meter	0 Square meter(0.0 %)	0

46.

Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.

NA

47.

(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.

NA

(b) Any other additional information that the applicants desires to give

NA

(c) Whether Environmental Statement submitted ? If submitted, give date of submission.

NA

48.

I/We further declare that the information furnished above is correct to the best of my/our knowledge.

49.

I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and until the grant of fresh Consent/Authorization no change shall be made.

50.

I/We undertake to furnish any other information within one month of its being called by the Board

Yours faithfully

Signature :
Name :
Designation :

Additional Information

Air Pollution

Sr No.	Air Pollution Source	Pollutants	APCS Provided	Remark
1	DG	SPM	Stack of adequate height as per MPCB norms will be provided	DG set will be used only in case of power failure

Separate EM Provided	No	***Other Emission Sources***	NA
Measures Proposed	NA	***Foul Smell Coming Out***	No
Air Sampling Facility Details	NA		

D.G. Set Details

Description	Capacity(KVA)	Remarks
DG set	750	DG set will be used only in case of power failure

Hazardous Waste Generation

Hazardous Waste	Quantity	UOM	Treatment	Disposal	Other Details

CHWTSDF Details

Member of CHWTSDF	CHWTSDF Name	Remarks

Cess Details

Cess Applicable	Cess Paid	If Yes, UpTo
No	No	Jan 1 1900 12:00:00:000AM

Legal Actions

Legal Action Taken	Legal Record Of Company	Legal Action Details	Remarks
No			

Bank Guarantee Applicable:	No

Annexure

ANNEXURE - A

1. PROJECT DETAILS

<table>
<tr><th>Sr. No.</th><th>Description</th><th>Details</th></tr>
<tr><td>1</td><td>Area Details</td><td>
<table>
<tr><th>Particulars</th><th>Details (m^2)</th></tr>
<tr><td>Plot Area (sq. m.)</td><td>7831.00</td></tr>
<tr><td>FSI Area (sq m.)</td><td>13,748.06</td></tr>
<tr><td>Non-FSI (sq. m.)</td><td>14,551.34</td></tr>
<tr><td>Proposed built-up area (FSI + Non FSI) (sq. m.)</td><td>28299.4</td></tr>
</table>
</td></tr>
<tr><td>2</td><td>Total Water Requirements (CMD)</td><td>
<table>
<tr><td rowspan="8">Dry Season</td><td>Fresh water (CMD): 91</td></tr>
<tr><td>Recycled water -Flushing (CMD): 45</td></tr>
<tr><td>Recycled water - Gardening (CMD):2</td></tr>
<tr><td>Swimming pool make up (Cum):NA</td></tr>
<tr><td>Total Water Requirement (CMD): 138</td></tr>
<tr><td>Firefighting -Underground water tank (CMD): 300 cum</td></tr>
<tr><td>Firefighting - Overhead water tank (CMD): 90 cum</td></tr>
<tr><td>Excess treated water: 53</td></tr>
<tr><td rowspan="8">Wet Season

Wet Season</td><td>Fresh water (CMD): 91</td></tr>
<tr><td>Recycled water - Flushing (CMD): 45</td></tr>
<tr><td>Recycled water -Gardening (CMD):0</td></tr>
<tr><td>Swimming pool make up (Cum): NA</td></tr>
<tr><td>Total Water Requirement (CMD): 136</td></tr>
<tr><td>Firefighting - Underground water tank (CMD): 300 Cum</td></tr>
<tr><td>Firefighting - Overhead water tank (CMD): 90 Cum</td></tr>
</table>
</td></tr>
</table>

		Excess treated water: 55
3	Sewage Generation (CMD) & % of Sewage discharge in sewer line	Sewage Generation: 112 KLD
4	STP Capacity & Technology	STP Capacity: 112 KLD Technology: MBBR
5	STP Location	Ground
6	Total Solid Waste Quantities	Dry waste: 202 kg/day Wet waste: 303 kg/day
7	Power requirement	During Operation Phase: 1. Source of power supply: Reliance /TATA 2. During Construction Phase: (Demand Load): 80kW 3. DG set as Power back-up during construction phase: 100 kVA 4. During Operation phase (Connected load): 1823.58 5. During Operation phase (Demand load): 1135.25 6. Transformer: 1 x 1500 kVA 7. DG set as Power back-up during operation phase: 1 x 900kVA 8. Fuel used: HSD
8	Energy Efficiency	1. Internal Lighting (compact fluorescent lamp, T5 lamp with electronic ballast, LED, lamp 2. air conditioning (advance BEE 5 star rated ac equipment) 3. Energy efficient Equipments 4. water heating (advance BEE 5 star rated geysers) 5. Solar Lighting for landscape / Drive way 6. Energy efficient T5 lights (in stilt/podium parking) 7. LED lights for Lobby/staircase with 70% on Solar 8. Lifts (Advance lift with VVVF technology and highly efficient)
9	D.G. set capacity	DG set as Power back-up during construction phase: 100 kVA
10	Rain water harvesting scheme	1. Level of the Ground water table: 2.0m – 2.6 m bgl 2. Size and no of RWH tank(s) andQuantity: 1 x 53 cum (2 day holding capacity) 3. Location of the RWH tank(s): Ground 4. Quantity of recharge pits: NA 5. Size of recharge pits: NA

Sr.No.	**Description**	**Details**
11	Project Cost in (Cr.)	673000000
12	CER Details (withjustification, if any)	-

ANNEXURE - B

EMP for Construction Phase

EMP FOR AIR ENVIRONMENT

- **Construction Phase (EMP for Air Environment):**

To mitigate the impacts of PM_{10} & $PM_{2.5}$ during the construction phase of the project, the following measures are recommended for implementation:

Dust Control Plan:

The most cost-effective dust suppressant is water because water is easily available on construction site. Water can be applied using water trucks, handled sprayers and automatic sprinkler systems. Furthermore, incoming loads could be covered to avoid loss of material in transport, especially if material is transported off-site.

Vehicle Emission Controls and Alternatives

- During construction, vehicles will be properly maintained to reduce emission. As it is a construction project, vehicles will be generally having "PUC" certificate.
- Footpaths and Pedestrian ways: Adequate footpaths and pedestrian ways would be provided at the site to encourage non-polluting methods of transportation

Procedural Changes to construction activities

Idle time reduction:

Construction equipment is commonly left idle while the operators are on break or waiting for the completion of another task. Emission from idle equipment tends to be high, since catalytic converters cools down, thus reducing the efficiency of hydrocarbon and carbon monoxide oxidation. Existing idle control technologies comprises of power saving mode, which automatically off the engine at present time and reduces emissions, without intervention from the operators.

Improved Maintenance:

Significant emission reductions can be achieved through regular equipment maintenance. Contractors will be asked to provide maintenance records for their fleet as part of the contract bid, and at regular intervals throughout the life of the contract. Incentive provisions will be established to encourage contractors to comply with regular

maintenance requirements.

Reduction of On-Site Construction Time:

Rapid on-site construction would reduce the duration of traffic interference and therefore, will reduce emissions from traffic delay.

- **Operation Phase (EMP for Air Environment):**

To mitigate the impacts of pollutants from DG set and vehicular traffic during the operational phase of the Project, following measures are recommended for implementation:

Diesel Generator Set Emission Control Measures

Adequate stack height will be maintained to disperse the air pollutants generated from the operation of DG set to dilute the pollutants concentration within the immediate vicinity. Hence no additional emission control measures have been suggested.

EMP FOR NOISE ENVIRONMENT

- **Construction Phase (EMP for Noise Management):**

To mitigate the impacts of noise from construction equipment during the construction phase on the site, the following measures are recommended for implementation.

Time of Operation:

Noisy construction equipment has not been allowed to use at night time.

Job Rotation and Hearing Protection:

Workers employed in high noise areas are not employed on shift basis. Hearing protection such as earplugs/muffs will be provided to those working very close to the noise generating machinery.

Other Measures:

- Developer must ensure barricading for minimum of 5 m (as the site is adjacent to road)
- During construction, shady trees can be planted on the periphery of the boundary to reduce noise impact
- Also to reduce noise impact, one must ensure smooth movement of traffic vehicles

- Measures of NBC, 2016 must be followed by developer to control noise
- Developer must follow guidelines of BS 5228 and Defra Guideline (NO 0234)
- Plant and vehicles should comply with EU noise emission limit
- Control hours of operation of all plants and vehicles and machineries
- Avoid unnecessary use of plant and machinery
- Use acoustic barriers whenever possible
- Use line flat bed lorries or storage bin with noise attenuating materials
- Handle materials carefully; for example, scaffolding and fittings should be carried and placed; not thrown or dropped
- Ensure that materials are delivered and installed during normal working hours
- Ensure site supervision during installation
- Maintain vehicles regularly to reduce engine, exhaust, and body rattle noise
- Use silencer based plants and machinery to avoid noise impact
- Ensure that hard road surfaces are well maintained to reduce rattling of vehicles
- Use mechanical sweeper with noise attenuators
- Observe less or no waiting time for the vehicles or plants and machinery so that they are not running unnecessarily
- Don't leave equipment running unnecessarily
- Service and maintain as well as clean the equipment of regular basis
- As far as possible, use self-compacting concrete to reduce the need for vibrating equipment
- Use shielding or barriers around pumps, compressors and machinery
- Also install online noise monitoring system to understand the noise level at the site (continuous level), so that immediate decision can be taken to control any activity which is causing noise pollution

▪ **Operation Phase:**

To mitigate the impacts of noise from diesel generator set during operational phase, the following measures are recommended

Noise Emission Control Technologies

Source of noise in the operational phase will be from backup DG sets (which will be in operation only during power failure) and pumps & motors. All the machinery will be of highest standard of reputed make and will comply with standard i.e. The DG set room will be provided with acoustic enclosure to have minimum 75 dB(A) insertion loss or for

meeting the ambient noise standard whichever is on higher side.

EMP FOR WATER ENVIRONMENT

- **Construction Phase (EMP for Water Management):**

To prevent degradation and to maintain the quality of the water source, adequate control measures have been proposed. To check the surface run-off as well as uncontrolled flow of water into any water body check dams with silt basins are proposed. The following management measures are suggested to protect the water source being polluted during the construction phase.

- Avoid excavation during monsoon season
- Care has been taken to avoid soil erosion
- Common toilets have been constructed on site during construction phase and the sewage would be channelized to the septic tanks in order to prevent sewage to enter into the water bodies.
- To prevent surface and ground water contamination by oil and grease, leak-proof containers has been used for storage and transportation of oil and grease. The floors of oil and grease handling area have been kept effectively impervious. Any wash off from the oil and grease handling area or workshop has been drained through imperious drains.
- Collection and settling of storm water, prohibition of equipment wash downs and prevention of soil loss and toxic release from the construction site are necessary measure to betaken to minimize water pollution.
- All stacking and loading area has been provided with proper garland drains,

equipped with baffles, to prevent run off from the site, to enter into any water body.

- **Operation Phase (EMP for Water Management):**

In the operation phase of the project, water conservation and development measures will be taken, including all possible potential for rain water harvesting. Following measures will be adopted.

Water Source Development

Water source development shall be practiced by installation of scientifically designed Rain Water Harvesting system. Rainwater harvesting promotes self-sufficiency and fosters an appreciation for water as a resource.

Minimizing Water Consumption

Consumption of fresh water will be minimized by combination of water saving devices and other domestic water conservation measures. Further, to ensure on-going water conservation, an awareness program will be introduced for the students and employees. The following section discusses the specific measures, which shall be implemented

Wastewater Treatment Scheme

The sewage will be treated in the STP provided within the complex. STP which will be recycled within the project and remaining will be discharged to Sewer.

Other Measures:

- LFD would be installed
- Rainwater harvesting would be installed
- Recycle and reuse of water would be taking place
- Recycled water would be used for flushing and gardening purpose

EMP FOR LAND ENVIRONMENT

- **Construction Phase**

Construction Debris:

Construction debris is bulky and heavy and re-utilization and recycling is an important strategy for management of such waste. As concrete and masonry constitute the majority of waste generated, recycling of this waste by conversion to aggregate can offer benefits of reduced landfill space and reduced extraction of raw material for new construction activity. This is particularly applicable to the project site as the construction is to be completed in a phased manner. Mixed debris with high gypsum, plaster, has not been be used as fill, as they are highly susceptible to contamination, and will be send to designated solid waste landfill site. Metal scrap from structural steel, piping, concrete reinforcement and sheet metal work has been removed from the site by construction contractors. A significant portion of wood scrap has been reused on site. Recyclable wastes such as plastics, glass fibre insulation, roofing etc. shall be sold to recyclers.

Hazardous Waste:

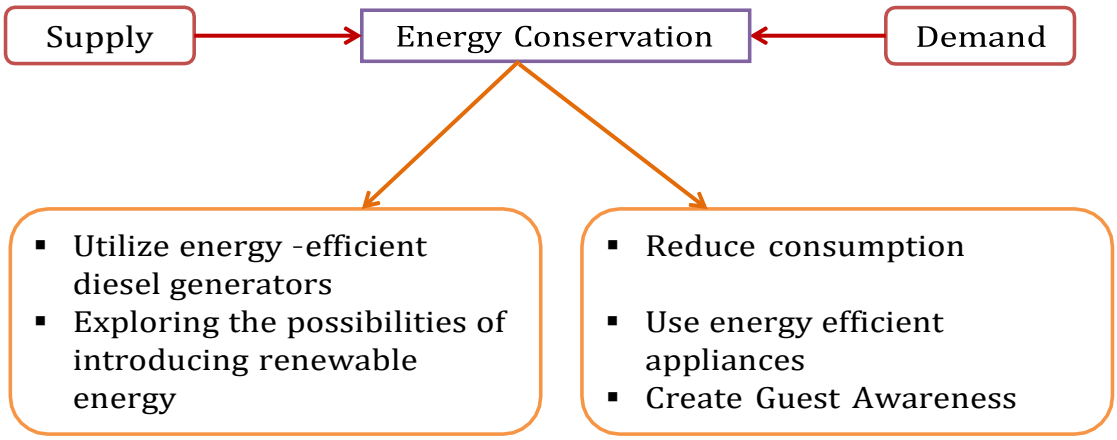
Construction sites are sources of many toxic substances such as paints, solvents wood preservatives, pesticides, adhesives and sealants. Hazardous waste generated during construction phase shall be stored in sealed containers and disposed off as per The Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008.

- **Operation Phase:**

The philosophy of solid waste management at the complex will be to encouraging the four R's of waste i.e. Reduction, Reuse, Recycling and Recovery (materials & energy). Regular public awareness meetings will be conducted to involve the people in the proper segregation andstorage techniques. With regards to the disposal/treatment of waste, the management will take the services of the authorized agency for waste management and disposal of the same on the project site during its operational phase.

EMP FOR ENERGY CONSERVATION

Energy conservation program will be implemented through measures taken bothon energy demand and supply.



Energy conservation will be one of the main focuses during the complex planning and operation stages. The conservation efforts would consist of the following;

Architectural design

- Maximum utilization of solar light has been done.
- Maximize the use of natural lighting through design.
- The orientation of the buildings has been done in such a way that maximum daylight is available.
- The green areas has been spaced, so that a significant reduction in the temperature can take place

Energy Saving Practices

- Energy efficient lamps have been provided within the complex.
- Constant monitoring of energy consumption and defining targets for energy conservation.
- Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels

ENVIRONMENTAL MONITORING

The purpose of environmental monitoring is to evaluate the effectiveness of implementation of Environmental Management Plan (EMP) by periodic monitoring. The important environmental parameters within the impact area are selected so that any adverse effects are detected and time action can be taken. The project proponent will monitor ambient air Quality, Ground Water Quality and Quantity, and Soil Quality in accordance with an approved monitoring schedule.

The detailed Monitoring Programme is given in **Table**

Monitoring Programme for Project

Sr. No.	Type	Location	Parameters	Period and Frequency
1	Ambient AirQuality	Project Site	Criteria Pollutants:SO_2, NO_2, PM_{10}, PM $_{2.5}$, CO	Half yearly (24 hr. average samples) during construction phase and annual during operation phase.
2	Groundwater(Portability testing)	Project Site	Drinking water parameters as per Standards	Half yearly
3	Ambient Noise	Project Site	dB (A) levels	Half yearly (Hourly day and night time leq levels) during construction phase and every year during operation phase.
4	Potable Water Quality	Municipal Supply	As per IS potable water standards	Half yearly
5	Soil Quality	Project Site	Organic matter, C.H., N, Alkalinity, Acidity, heavy metals and trace metal, Alkalinity, Acidity	Half yearly
6	Waste Characterization	Educational	Physical and Chemical composition	Daily
7	Treated Water	Outlet of STP	BOD, MPN, coliform count, etc.	Daily

ANNEXURE - C

EMP Costing During Construction Phase

Serial Number	Attributes	Parameter	Total Cost Per Annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	3
2	Noise Environment	Noise Baricades and Green Belt Developments	2
3	Water Environment	Modular STP , Drainage with sedimentation tanks	3
4	Good Health Practice	Site Sanitation & Health Care	3
5	Environment Monitoring	Air,water,noise soil monitoring during construction phase	3

EMP Costing During Operation Phase (With Break- up)

No.	Component	Description	Capital Cost in Lakhs Rs	O/M Cost in Lakhs Rs. Per yr
1	Rain Water Harvesting	Rain Water Harvesting	1.5	0.1
2	Solid waste management	OWC	7	2
3	Wastewater management	STP	25	4
4	Energy conservation	Solar, LED	15	0.1
5	Landscaping	Landscaping	5	1