



Sundar Jagadale <enviconmail@gmail.com>

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## Post EC Report for December 2020 to June 2022..

1 message

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**Sundar Jagadale** <enviconmail@gmail.com>  
To: eccompliance-mh@gov.in

30 July 2022 at 17:23

Dear Sir / Madam,

Please find attached herewith the Post EC Report for December 2020 to June 2022 for our project "Eastern River Residency" by M/s Vinayak Enterprises located at S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Pune.

Kindly acknowledge the receipt of the same.

Thanks & Regards,

For M/s Vinayak Enterprises  
(Eastern River Residency)



**Vinayak Enterprises\_Eastern River Residency\_Post EC Compliance Report\_Dec 2020 to June 2022.pdf**  
3248K



Sundar Jagadale <enviconmail@gmail.com>

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## Post EC Report for December 2020 to June 2022..

1 message

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**Sundar Jagadale** <enviconmail@gmail.com>

30 July 2022 at 17:23

To: Pimprichinchwad SRO <sropimprichinchwad@mpcb.gov.in>

Dear Sir / Madam,

Please find attached herewith the Post EC Report for December 2020 to June 2022 for our project "Eastern River Residency" by M/s Vinayak Enterprises located at S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Pune.

Kindly acknowledge the receipt of the same.

Thanks & Regards,

For M/s Vinayak Enterprises  
(Eastern River Residency)



**Vinayak Enterprises\_Eastern River Residency\_Post EC Compliance Report\_Dec 2020 to June 2022.pdf**  
3248K

Date: June 18, 2022

To,  
Additional Principal Chief Conservator of Forests,  
Ministry of Environment, Forest & Climate Change,  
Regional Office (West Central Zone)  
Ground Floor, East Wing  
"New Secretary Building"  
Civil lines, Nagpur- 440 001

Subject: Submission of Half Yearly Post Environmental Clearance  
Compliance Reports for December 2020 to June 2022...

Ref: Environment Clearance Letter No. SEIAA-EC-0000002279  
Dated 24/06/2020.

Dear Sir,

Please find enclosed herewith the post environmental clearance compliance  
reports for December 2020 to June 2022.

Thanking you,

Yours faithfully,

For M/s Vinayak Enterprises



Authorised Signatory

Encl: A/a

CC: The Regional Officer MPCB, Pune

**Part – I  
Data Sheet**

1	Project type: River-Valley/Mining/Industry/Thermal/Nuclear/Other (specify).	Residential & Commercial Project
2	Name of the project	"Eastern River Residency" by M/s Vinayak Enterprises
3	Clearance letter (s)/OM No. and date	SEIAA-EC-0000002279 Dated: 24 <sup>th</sup> June 2020
4	Location:  a) District (s) b) State (s) c) Location Latitude/Longitude	S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli,  Pune. Maharashtra Longitude – 18° 36'6.45" N Latitude – 73° 49'4.52" E
5	Address for correspondence Address of the Concerned Project Chief Engineer (with Pin Code & telephone/telex/fax numbers)	Mr. Kishor Shankar Garve M/s Vinayak Enterprises S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Dist. Pune Tel No. – 9545552300.
6	Salient features	
	a) Of the project	Attached Annexure – I
	b) Of the Environmental management plans	Attached Annexure – II
7	Break up of the project area	Total Plot Area – 11,291.60 sq.m. Total Built-up Area – 42,826.93 sq.m.
	a) Submergence area: forest and non-Forest	N. A.
	b) Others	N. A.
8	c) Break up of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units only agricultural land only Both dwelling units & agricultural land & landless laborers/artisans:	N. A.

	a) SC, ST/Adivasi	N. A.
	b) Others	N. A.
9	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	57.99 Crores
	b) Allocation made for environmental management plans with item wise and year wise and break-up	Attached, Annexure – III
	c) Benefit cost ratio/Internal rate of Return and the year of assessment	---
	d) Whether © includes the cost of environmental management as shown in the above	Yes.
	e) Actual expenditure incurred on the project so far	21.50 Crores (Up to Nov 2020)
10	Forest land requirement	
	a) The status of approvals for diversion of forest land for non-forestry use.	N. A.
	b) The status of clearing felling	N. A.
	c) The status of compensatory afforestation, if any	N. A.
	d) Comments on the viability & Sustainability of compensatory a Forestation programme in the light of actual field experience so far	N. A.
11	The status of clear felling in non-forest areas (Such as submergence area or reservoir, approach Roads.), if any with Quantitative information required.	N. A.
12	Status of construction (Actual &/or planned)	<b>The Project involves construction of Below.</b> <b>Building A = P+10 FL</b> <b>Building B (Commercial) = P+8 FL</b> <b>Building C = P+12 FL</b> <b>Building D = P+12 FL</b>

		<b>Building E = P+12 FL</b> <b>Building F = P+12 FL</b> <b>Building G (Mhada) = P+12 FL</b>  <b>Total Tenements: 441 Nos.</b> <b>(Resi= 394 Nos.+ MHADA= 47Nos.)</b> <b>Offices= 19 Nos.</b>  <b>Till date status of construction is as below: (Up to Nov 2020)</b> <b>Building A = Yet To Strat</b> <b>Building B (Commercial) = Yet To Strat</b> <b>Building C = -- Yet To Strat</b> <b>Building D = - Yet To Strat</b> <b>Building E = - Yet To Strat</b> <b>Building F = RCC work in progress</b> <b>Building G (Mhada) Yet To Strat</b>
	a) Date of commencement (Actual &/or planned)	15/11/2019
	b) Date of completion (Actual &/or planned)	30/06/2025
13	Reason for the delay if the project is yet to start.	N. A.

Name: Mr. Kishor Shankar Garve

Signature:


**Part – I  
Data Sheet**

1	Project type: River-Valley/Mining/Industry/Thermal/Nuclear/Other (specify).	Residential & Commercial Project
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	b) Others	N. A.
8	c) Break up of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units only agricultural land only Both dwelling units & agricultural land & landless laborers/artisans:	N. A.



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9	Financial details:	
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	c) Benefit cost ratio/Internal rate of Return and the year of assessment	---
	d) Whether © includes the cost of environmental management as shown in the above	Yes.
	e) Actual expenditure incurred on the project so far	26.76 Crores (Up to May 2021)
10	Forest land requirement	
	a) The status of approvals for diversion of forest land for non-forestry use.	N. A.
	b) The status of clearing felling	N. A.
	c) The status of compensatory afforestation, if any	N. A.
	d) Comments on the viability & Sustainability of compensatory a Forestation programme in the light of actual field experience so far	N. A.
11	The status of clear felling in non-forest areas (Such as submergence area or reservoir, approach Roads.), if any with Quantitative information required.	N. A.
12	Status of construction (Actual &/or planned)	<b>The Project involves construction of Below.</b> Building A = P+10 FL Building B (Commercial) = P+8 FL Building C = P+12 FL Building D = P+12 FL




		<b>Building E = P+12 FL</b> <b>Building F = P+12 FL</b> <b>Building G (Mhada) = P+12 FL</b>  <b>Total Tenements: 441 Nos.</b> <b>(Resi= 394 Nos.+ MHADA= 47Nos.)</b> <b>Offices= 19 Nos.</b>  <b>Till date status of construction is as below: (Up to May 2021)</b> <b>Building A =Yet To Start</b> <b>Building B (Commercial) = Yet To Start</b> <b>Building C = Yet To Start</b> <b>Building D = Yet To Start</b> <b>Building E = Yet To Start</b> <b>Building F = RCC &amp; Brick Work In progress</b> <b>Building G (Mhada) = Yet To Start</b>
	a) Date of commencement (Actual &/or planned)	15/11/2019
	b) Date of completion (Actual &/or planned)	30/06/2025
13	Reason for the delay if the project is yet to start.	N. A.

**Name:** Mr. Kishor Shankar Garve

**Signature:**

**Date:**



**Part – I  
Data Sheet**

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	b) Others	N. A.
<b>9</b>	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	<b>57.99 Crores</b>
	b) Allocation made for environmental management plans with item wise and year wise and break-up	<b>Attached, Annexure – III</b>
	c) Benefit cost ratio/Internal rate of Return and the year of assessment	---
	d) Whether © includes the cost of environmental management as shown in the above	Yes.
	e) Actual expenditure incurred on the project so far	<b>34.57 Crores</b> (Up to Nov 2021)
<b>10</b>	Forest land requirement	
	a)The status of approvals for diversion of forest land for non-forestry use.	N. A.
	b) The status of clearing felling	N. A.
	c) The status of compensatory afforestation, if any	N. A.
	d) Comments on the viability & Sustainability of compensatory a Forestation programme in the light of actual field experience so far	N. A.
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	a) Date of commencement (Actual &/or planned)	15/11/2019
	b) Date of completion (Actual &/or planned)	30/06/2025
13	Reason for the delay if the project is yet to start.	N. A.

Name: Mr. Kishor Shankar Garve

Signature:



A handwritten signature in blue ink is written over a circular blue stamp. The stamp contains the text "VINAYAK ENTERPRISES" around the top edge, "PUNE" in the center, and a small star at the bottom. The signature is a cursive script that appears to read "Kishor Shankar Garve".

**Part – I  
Data Sheet**

1	Project type: River-Valley/Mining/Industry/Thermal/Nuclear/Other (specify).	<b>Residential &amp; Commercial Project</b>
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	c) Benefit cost ratio/Internal rate of Return and the year of assessment	---
	d) Whether © includes the cost of environmental management as shown in the above	<b>Yes.</b>
	e) Actual expenditure incurred on the project so far	<b>37.25 Crores</b> (Up to May 2022)
<b>10</b>	<b>Forest land requirement</b>	
	a) The status of approvals for diversion of forest land for non-forestry use.	N. A.
	b) The status of clearing felling	N. A.
	c) The status of compensatory afforestation, if any	N. A.
	d) Comments on the viability & Sustainability of compensatory a Forestation programme in the light of actual field experience so far	N. A.
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	a) Date of commencement (Actual &/or planned)	15/11/2019
	b) Date of completion (Actual &/or planned)	30/06/2025
13	Reason for the delay if the project is yet to start.	N. A.

Name: **Mr. Kishor Shankar Garve**

Signature:



Date: **June 18, 2022**



# **Annexure I**



## LIST OF ANNEXURES

<b>Sr. No.</b>	<b>Particulars</b>	<b>Annexure No.</b>
1	Salient Features of The Project	I
2	Environment Management Plan	II
3	Cost of Environment Management Plan	III
4	Compliance of Environment Clearance Condition	IV
5	Environment Monitoring Reports	V
6	Copy of Environment Clearance	VI

**ANNEXURE – I****Salient Features of the Project**

<b>Project site</b>	<b>“Eastern River Residency” by M/s Vinayak Enterprises</b> S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Pune
<b>Construction &amp; Development</b>	The Project is proposing development as below: <b>Building A</b> = P+10 FL <b>Building B</b> (Commercial) = P+8 FL <b>Building C</b> = P+12 FL <b>Building D</b> = P+12 FL <b>Building E</b> = P+12 FL <b>Building F</b> = P+12 FL <b>Building G</b> (Mhada) = P+12 FL  <b>Total Tenements: 441 Nos.</b> <b>(Resi= 394 Nos.+ MHADA= 47Nos.)</b> <b>Offices= 19 Nos.</b>
<b>Total Plot Area</b>	11,291.60 sq.m.
<b>Total Built Up Area</b>	42,826.93 sq.m.
<b>Water required</b>	202.75 M <sup>3</sup> /day
<b>Estimated Project Cost</b>	Rs. 57.99 Crores
<b>Nearest Railway Station</b>	Kasarwadi Railway Station 1.0 KM
<b>Nearest Airport</b>	Pune Airport is about 16 KM from the site & It is connected by direct flights to Mumbai, Delhi, Bangalore, etc.

# **Annexure II**

**ENVIRONMENTAL MANAGEMENT PLAN**

**Construction Phase**

**AIR ENVIRONMENT**

- During Construction ready mix concrete in enclosed container shall be used.
- Dust Control : Water Sprinkling, Cover on roads
- Barricades provided along with the periphery of the site.
- Dust covers shall be provided on trucks that would be used for transportation
- DG as per CPCB norms.
- Ambient air quality monitoring for the parameters SO<sub>2</sub>, NO<sub>x</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>.

**WATER ENVIRONMENT**

- Provision of Temporary toilets. 10 Nos. toilets for 100 workers
- Disposal through packaged STP & treated water will be used for curing purpose.
- Water. Analysis for the parameters of IS:10500

**LAND ENVIRONMENT**

- Separate storage of Construction material

# ENVIRONMENTAL MANAGEMENT PLAN

## Construction Phase

### NOISE ENVIRONMENT

- Ear plugs for Labors
- High noise generating construction activities would be carried out only during day time.
- Preventive maintenance of machineries.
- Acoustic enclosures for DG sets.
- Noise Monitoring

### BIOLOGICAL ENVIRONMENT

- Plantation of trees 135 Nos. will start in mid of construction phase.

### SOCIO – ECONOMIC ENVIRONMENT

- Adequate Drinking water, Toilet and bathing facilities 10 Nos. of toilets for 100 workers.
- Proposed project will require manpower during construction phase thereby creating job opportunities.
- Personal protective and safety equipments will be provided.
- First aid facility (First aid box).

# ENVIRONMENTAL MANAGEMENT PLAN

Operational Phase

## AIR ENVIRONMENT

- Providing Green Belt around the site. (135 No. of trees will be planted.)
- Acoustical Enclosures for DG set.
- Ambient air quality monitoring for the parameters SO<sub>2</sub>, NO<sub>x</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>.
- Insist for PUC certified vehicles for flat owners.

## WATER ENVIRONMENT

- The sewage will be treated in full fledged sewage treatment plant 290 m<sup>3</sup>/day sewage shall be reused for in-house flushing and landscaping (114.59m<sup>3</sup>/day).
- The storm water management
- Rain water Harvesting will be implemented ( 05 nos. of recharge pits.)

## LAND ENVIRONMENT

- Segregation at source for all solid waste streams
- Proper disposal of waste through well managed Solid waster Management team.
- 473 Kg/day Dry waste will be given to SWaCH.
- 684 Kg/day Wet garbage will be composted and will be used as manure after treatment in owc.

# ENVIRONMENTAL MANAGEMENT PLAN

Operational Phase

## NOISE ENVIRONMENT

- Compound wall and rows of trees act as noise buffer.
- DG Sets with sound proof enclosures.
- Noise monitoring .

## BIOLOGICAL ENVIRONMENT

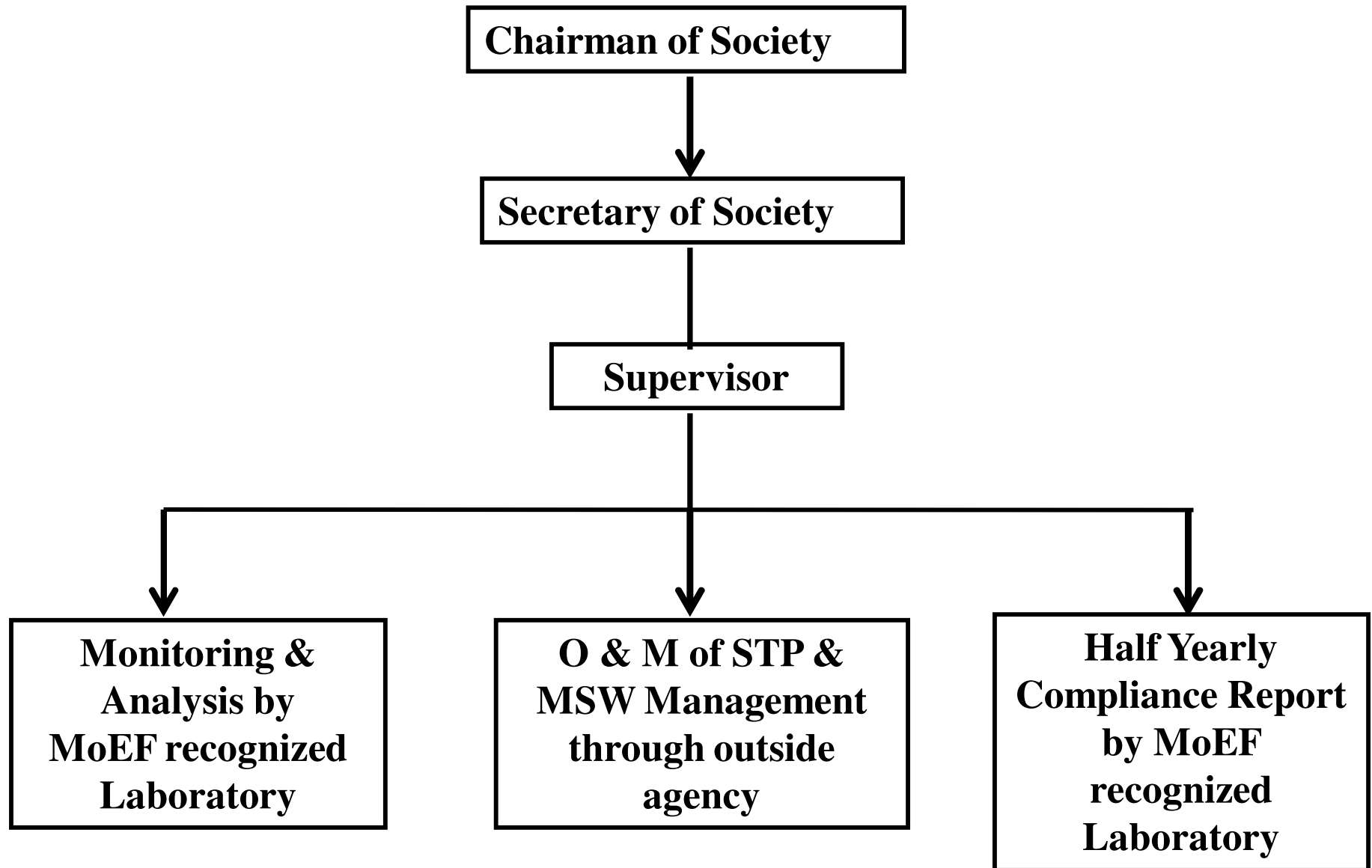
- Landscaping.
- Plant species selected based on adaptability to geographic conditions and keeping in view the local species and their benefits to site

## SOCIO – ECONOMIC ENVIRONMENT

- Improvement in transport, communication facilities, lifestyle and social status etc. due to ancillary development.
- Local skilled and laborers will have opportunities for employment directly and indirectly.

**EMP will be implemented by Environment Management Cell with the support of MoEF recognized Laboratory**

# ENVIRONMENT MANAGEMENT CELL





# **Annexure III**

**COST OF ENVIRONMENT MANAGEMENT PLAN**

<b>Component</b>	<b>Details</b>	<b>Capital (Rs.)</b>	<b>O&amp;M (Rs./Y)</b>
Storm Water	NA	NA	NA
Sewage treatment (STP-1)	STP -290 KLD	81.00 Lakh	14.64 Lakh/year
Water treatment	NA	NA	NA
RWH	-	6.25 Lakh	0.30 Lakh/year
Swimming Pool	NA	NA	NA
Solid Waste	OWC	17.19 Lakh	9.02 Lakh/year
	Dry Waste Management	-	2.64 Lakh/year
Hazardous waste	NA	NA	NA
e-waste	-	-	0.50 Lakh/year
Green belt development	-	10.00 Lakh	1.20 Lakh/year
Energy saving	-	53.00 Lakh	1.06 Lakh/year
Environmental Monitoring	-	-	2.50 Lakh/year
Disaster Management	-	151.57 Lakh	8.76 Lakh/year

# **Annexure IV**

**Annexure IV**

**Status report on compliance of Environment Clearance conditions**

**Specific Conditions:**

<b>Sr. No.</b>	<b>Specific Conditions</b>	<b>Compliance Status</b>
i	PP to ensure that CER plan gets approved from Municipal Commissioner.	CER Submitted to PCMC.
ii	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	We will comply the same.
iii	SEIAA decided to grant EC for – FSI: 25369.65 m2, non-FSI:17667.71 m2 and Total BUA: 43664.96 m2 (Plan Approval no-BP/EC/Pimple Gurav/01/2019, Date-12.06.2019)	Noted.

**General Conditions:**

<b>Sr. No.</b>	<b>EC General Conditions</b>	<b>Compliance Status</b>
i	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	If E waste generates, we will dispose the same to authorised E waste Reprocesses.
ii	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	We will obtain occupancy certificate after availability of Water & Sewer line.
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 separated on merit.	Forest clearance & wild life NOC not applicable for this project.
iv	PP has to abide by the conditions stipulated by SEAC& SEIAA.	We will do the same
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	We will construct as per approval of local body.

	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.	We will obtain Consent to Establish.
vii	All required sanitary and hygienic measures should be in place before starting construction activities and tube maintained throughout the construction phase.	We will maintain sanitary any hygienic condition 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.	We have provided Adequate drinking water and sanitary facilities for construction workers at the site. Provision made for mobile toilets. Also, the safe disposal of wastewater and solid wastes generated during the construction phase is ensured.
ix	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	We will properly segregate and collect all generated solid waste & dispose the same as per norms.
x	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	we will take proper care of this.
xi	Arrangement shall be made that waste water and storm water do not get mixed.	We will provide separate Storm water and drainage lines.
xii	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	All topsoil will be stored and used for landscaping only.

xiii	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	We will do the same.
xiv	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	Green belt will be provided as per CPCB norms.
xv	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil analysis reports are attached. Ground water will not be used for the project.
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.	No construction spoils including bituminous material and other Hazardous materials are allowed on construction site.
xvii	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Hazardous waste will be disposed as per MPCB norms.
xviii	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	We will provide the same as per norms.
xix	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken	Diesel required will be purchase as and when required, there is no storage at site.
xx	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Vehicle hired will be in good conditions and as per norms.
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.	Noise & Air analysis monitoring reports is attached.

	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).	Fly ash is used in construction in concrete as per the Fly Ash Notification. Also, we will use fly ash brick for construction.
xxiii	Ready mixed concrete must be used in building construction.	We are using only Ready mixed concrete.
xxiv	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Proper storm water control system will be provided.
xxv	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	We will do the same.
xxvi	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Noted. Ground water will not be used for the project.
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. 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.	STP will be Installed.
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.	NA, as we are not using any ground water for construction activity.
xxix	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	We will do the same.

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.	We will do the same.
xxxii	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	We will do the same.
xxxiii	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	We will do the same.
xxxiiii	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.	We will do the same.
xxxv	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during Construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	We will provide DG set as per Rules & Regulation of MPCB.
xxxvi	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.	Noise Monitoring done. Monitoring reports is attached.





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.	Traffic congestion will be avoided. Sufficient internal parking will be provided.
xxxvii	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement	We will maintain the same.
xxxviii	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	We will maintain a sufficient distance between the two buildings for fresh air movement and 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.	We will do the same throughout the construction phase.
xl	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	We have obtained Environment Clearance and then started Construction activity.
xli	Six monthly monitoring reports should be submitted to the regional office MoEF, Bhopal with copy to this department and MPCB.	We will regularly submit the Post Environment clearance report to MoEF, Nagpur & MPCB Offices.
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.	We will install STP Plant and we will be using STP treated water for gardening and flushing.
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	OWC will be installed.

	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.	Noted.
xliv	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	We will submit the same.
xlvi	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	We have agreed for the same.
xlvii	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards	provided
xlviii	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department	provided
xliv	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .	Advertisement was given.
i	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	We will submit the same.
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,	We have sent the same to local body and uploaded on web site.

	were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	
lii	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We will provide and maintain the same.
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.	We will submit the same.
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.	NA



# **Annexure V**

## ANALYSIS REPORT

<b>Client's Name &amp; Address</b>  <b>To,</b> <b>M/s Vinayak Enterprises</b> <b>"Eastern River Residency",</b> S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Pune.	<b>Report No.</b>	JV/22-23/06/191
	<b>Report Date</b>	17/06/2022
	<b>Type of Monitoring</b>	Ambient Air
	<b>Test Location</b>	Near Main Gate
	<b>Lab Reference No.</b>	JV/VE/22-23/06/191
	<b>Date of Sampling</b>	09/06/2022
	<b>Date of Analysis</b>	10/06/2022 To 16/06/2022

### OBSERVATION

Ambient Temp. °C	Dry Bulb Temp. °C	Wet Bulb Temp. °C	Relative Humidity % RH	Time of Sampling	Sampling Duration in Min
32	32	25	53	10:20	1440

### RESULTS

Sr. No.	Description	Results	NAAQ Standards	Unit	Standard Method
1	Sulphur Dioxide (SO <sub>2</sub> )	21.56	≤ 80	µg/m <sup>3</sup>	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO <sub>x</sub> )	30.94	≤ 80	µg/m <sup>3</sup>	IS 5182(Part6):2006
3	Particulate Matter PM <sub>10</sub>	49.21	≤ 100	µg/m <sup>3</sup>	IS 5182(Part23):2006
4	Particulate Matter PM <sub>2.5</sub>	22.78	≤ 60	µg/m <sup>3</sup>	WI/Lab/Ambient/04
5	*Carbon Monoxide (CO)	0.46	≤ 4.0	mg/m <sup>3</sup>	IS 5182(Part10):1999
6	*Ozone	19.35	≤ 180	µg/m <sup>3</sup>	IS 5182(Part9):1974
7	Lead (Pb)	BDL	≤ 1.0	µg/m <sup>3</sup>	IS 5182(Part22):2004
8	Ammonia (NH <sub>3</sub> )	BDL	≤ 400	µg/m <sup>3</sup>	WI/Lab/Ambient/06
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	≤ 5.0	µg/m <sup>3</sup>	IS 5182(Part11):2006
10	Benzo(a) Pyrene (BaP)	BDL	≤ 1.0	ng/m <sup>3</sup>	IS 5182(Part12):2004
11	Arsenic (As)	BDL	≤ 6.0	ng/m <sup>3</sup>	IS 11124: 1984
12	Nickel (Ni)	BDL	≤ 20	ng/m <sup>3</sup>	IS12122: 1987

#### REMARKS/OBSERVATIONS:

- All above results are within National Ambient Air Quality Standard.
- BDL-Below Detection Limit.
- \*1-hour sampling duration.

#### For JV Analytical Services



#### Authorized Signatory

1. Results relate only to the sample tested.
2. Tested sample(s) drawn by the Laboratory.
3. Test report shall not be reproduced except in full, without written approval of the laboratory
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---End of the Report---



JV Analytical Services

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Recognized by: MOEF & CC, Govt. Of India (Notification No:S.O.1953(E)) , Certified by: ISO 9001:2008 & OHSAS 18001:2007

Address: 2<sup>nd</sup> & 3<sup>rd</sup> Floor, Samay Apartment, Bhau Patil Road, Bopodi, Pune-411020

Tel:7350658988 Email: jvlabpune@gmail.com , sales@jvanalyticalservices.com Web:www.jvanalyticalservices.com

### ANALYSIS REPORT

<b>Client's Name &amp; Address</b>  <b>To,</b> <b>M/s Vinayak Enterprises</b> <b>"Eastern River Residency",</b> S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Pune.	<b>Report No.</b>	JV/22-23/06/192
	<b>Issue Date</b>	17/06/2022
	<b>Type of Monitoring</b>	Ambient Air
	<b>Test Location</b>	Near Building "F"
	<b>Lab Reference No.</b>	JV/VE/22-23/06/192
	<b>Date of Sampling</b>	09/06/2022
	<b>Date of Analysis</b>	10/06/2022 To 16/06/2022

#### OBSERVATION

Ambient Temp. °C	Dry Bulb Temp. °C	Wet Bulb Temp. °C	Relative Humidity % RH	Time of Sampling	Sampling Duration in Min
32	32	25	53	10:30	1440

#### RESULTS

Sr. No.	Description	Results	NAAQ Standards	Unit	Standard Method
1	Sulphur Dioxide (SO <sub>2</sub> )	20.81	≤ 80	µg/m <sup>3</sup>	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO <sub>x</sub> )	32.09	≤ 80	µg/m <sup>3</sup>	IS 5182(Part6):2006
3	Particulate Matter PM <sub>10</sub>	49.32	≤ 100	µg/m <sup>3</sup>	IS 5182(Part23):2006
4	Particulate Matter PM <sub>2.5</sub>	18.64	≤ 60	µg/m <sup>3</sup>	WI/Lab/Ambient/04
5	*Carbon Monoxide (CO)	0.38	≤ 4.0	mg/m <sup>3</sup>	IS 5182(Part10):1999
6	*Ozone	19.70	≤ 180	µg/m <sup>3</sup>	IS 5182(Part9):1974
7	Lead (Pb)	BDL	≤ 1.0	µg/m <sup>3</sup>	IS 5182(Part22):2004
8	Ammonia (NH <sub>3</sub> )	BDL	≤ 400	µg/m <sup>3</sup>	WI/Lab/Ambient/06
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	≤ 5.0	µg/m <sup>3</sup>	IS 5182(Part11):2006
10	Benzo(a) Pyrene (BaP)	BDL	≤ 1.0	µg/m <sup>3</sup>	IS 5182(Part12):2004
11	Arsenic (As)	BDL	≤ 6.0	ng/m <sup>3</sup>	IS 11124: 1984
12	Nickel (Ni)	BDL	≤ 20	ng/m <sup>3</sup>	IS12122: 1987

#### REMARKS/OBSERVATIONS:

- All above results are within National Ambient Air Quality Standard.
- BDL-Below Detection Limit.
- \*1-hour sampling duration.

#### For JV Analytical Services



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Address: 2<sup>nd</sup> & 3<sup>rd</sup> Floor, Samay Apartment, Bhau Patil Road,Bopodi ,Pune-411020

Tel:7350658988 Email: jvlabpune@gmail.com , sales@jvanalyticalservices.com Web:www.jvanalyticalservices.com

### ANALYSIS REPORT

<b>Client's Name &amp; Address</b>	<b>Report No.</b>	JV/22-23/06/193
<b>To,</b> <b>M/s Vinayak Enterprises</b> <b>"Eastern River Residency",</b> S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Pune.	<b>Issue Date</b>	17/06/2022
	<b>Type of Monitoring</b>	Ambient Noise
	<b>Lab Reference No.</b>	JV/VE/22-23/06/193
	<b>Date of Sampling</b>	09/06/2022

### Results

Sr. No.	Test Location	Unit	Readings	
			Day Time	Night Time
01	Near Main Gate	dB(A)	52.1	42.7
02	Near Building "F"	dB(A)	52.5	41.6
03	Near Site Office	dB(A)	48.3	40.4

#### REMARKS/OBSERVATIONS:

- Day time means 6:00am to 10:00pm and night time means 10:00pm to 6:00am.
- As per prescribed standards the limit of Ambient Noise is 55 dB (A) in day time and 45 dB (A) in night time for Residential zone/area.

#### For JV Analytical Services



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### ANALYSIS REPORT

<b>Client's Name &amp; Address</b>	<b>Report No.</b>	JV/22-23/06/194
<b>To,</b> <b>M/s Vinayak Enterprises</b> <b>"Eastern River Residency",</b> S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Pune.	<b>Issue Date.</b>	17/06/2022
	<b>Date of Collection</b>	09/06/2022
	<b>Lab Reference No.</b>	JV/VE/22-23/06/194
	<b>Date of Analysis.</b>	10/06/2022 To 16/06/2022

<b>Nature of Sample</b>	<b>Sample Name</b>	<b>Sample Collected By</b>
Drinking Water	Drinking Water	JV Analytical Services

#### Results

Sr. No.	Parameter	Results	Units	IS:10500 : 2012 Acceptable Limits	Standard Method
1	Colour	1	Hazen	≤5	APHA 23 <sup>rd</sup> Edition, 2120 B
2	Odour	Agreeable	-	Agreeable	APHA 23 <sup>rd</sup> Edition, 2150 B
3	Turbidity	Nil	NTU.	≤1.0	APHA 23 <sup>rd</sup> Edition, 2130 B
4	pH	7.48	-	6.5-8.5	APHA 23 <sup>rd</sup> Edition, 4500-H+B
5	Total Alkalinity	16.2	Mg/lit	≤200	APHA 23 <sup>rd</sup> Edition, 2320 B
6	Electrical Conductivity	112	µs/cm @25 <sup>o</sup> C	NS	APHA 23 <sup>rd</sup> Edition, 2510 B
7	Total Hardness	44.1	Mg/lit.	≤200	APHA 23 <sup>rd</sup> Edition, 2340 C
8	Calcium	10.86	Mg/lit.	≤75	APHA 23 <sup>rd</sup> Edition, 3500-Ca B
9	Magnesium	7.92	Mg/lit.	≤30	APHA 23 <sup>rd</sup> Edition, 3500-Mg B
10	Total Dissolved Solid	67.5	Mg/lit.	≤500	APHA 23 <sup>rd</sup> Edition, 2540 C
11	Chloride	25.2	Mg/lit.	≤250	APHA 23 <sup>rd</sup> Edition, 4500 B
12	Sulphate	5.6	Mg/lit.	≤200	APHA 23 <sup>rd</sup> Edition, 4500 SO <sub>4</sub> <sup>2-</sup> E
13	Iron	Nil	Mg/lit.	≤0.3	APHA 23 <sup>rd</sup> Edition 3111 B
14	Total Coliform	Absent	MPN/100ml	Shall not be detectable in 100 ml sample	APHA 23 <sup>rd</sup> Ed.9222 H
15	E-Coli	Absent	MPN/100ml	Shall not be detectable in 100 ml sample	APHA 23 <sup>rd</sup> Ed.9222 H

#### REMARKS/OBSERVATIONS:

- All the above parameters are within IS 10500: 2012 Std Limits.
- **NS:** Not Specified.

For JV Analytical Services



**Authorized Signatory**

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2. Tested sample(s) drawn by the Laboratory.
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Tel:7350658988 Email: jvlabpune@gmail.com , sales@jvanalyticalservices.com Web:www.jvanalyticalservices.com



### ANALYSIS REPORT

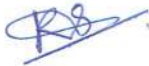
<b>Client's Name &amp; Address</b>	<b>Report No.</b>	JV/22-23/06/195
<b>To,</b> <b>M/s Vinayak Enterprises</b> <b>"Eastern River Residency",</b> S. No 90/1, Kashid Park, Pimple Gurav, Tal. Haveli, Pune.	<b>Issue Date.</b>	17/06/2022
	<b>Date of Collection</b>	09/06/2022
	<b>Lab Reference No.</b>	JV/VE/22-23/06/195
	<b>Date of Analysis.</b>	10/06/2022 To 16/06/2022

<b>Nature of Sample</b>	<b>Sample Name</b>	<b>Sample Collected By</b>
Soil	Soil Sample	JV Analytical Services

### Results

Sr. No.	Parameter	Reading	Units	Standard Methods
1.	pH	7.13	-	Indian Soil Testing Manual January 2011
2.	Conductivity	2.56	dS/m	
3.	Bulk Density	4.81	gm/cm <sup>3</sup>	
4.	Density	5.03	gm/cm <sup>3</sup>	
5.	Sodium Adsorption Ratio	7.25	--	
6.	Organic Matter	1.19	%	
7.	Potassium (as K)	134	Kg/ha	
8.	Phosphorous (as P)	20.61	Kg/ha	
9.	Texture	Loam	---	
10.	Percentage Of Different Components			
	1. Sand	32	%	
	2. Silt	33	%	
	3. Clay	35	%	

#### For JV Analytical Services



#### Authorized Signatory

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---End of the Report---



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# **Annexure VI**



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: June 24, 2020

To,  
**Mr. Kishor Shankar Garve**  
at S. No 90/1, Kashid Park,

**Subject:** Environment Clearance for proposed construction project by M/s Vinayak Enterprises  
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-III, Maharashtra in its 103rd 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 194th meetings.


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

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

1.Name of Project	"Eastern River Residency"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Kishor Shankar Garve
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
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	NA
8.Location of the project	S. No 90/1, Kashid Park,
9.Taluka	Haveli
10.Village	Pimple Gurav
Correspondence Name:	Mr. Vinayak Garve
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	S.No. 136/1A, Mumbai Bangalore Highway
Locality:	Opp Sayaji Hotel, Wakad
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: - Approved Built-up Area: 42826.93
13.Note on the initiated work (If applicable)	NA

**SEIAA Meeting No: 194 Meeting Date: March 13, 2020 ( SEIAA-STATEMENT-000003310 )**  
**SEIAA-MINUTES-000003137**  
**SEIAA-EC-000002279**

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**Shri. Anil Diggikar (Member Secretary SEIAA)**

14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable-2013.59m2
15.Total Plot Area (sq. m.)	11291.60m2
16.Deductions	2453.29m2
17.Net Plot area	8838.31m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 25369.65m2
	Non FSI area (sq. m.): 17457.28m2
	Total BUA area (sq. m.): 42826.93
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 25369.65m2
	Approved Non FSI area (sq. m.): 17457.28m2
	Date of Approval: 05-04-2019
19.Total ground coverage (m2)	2269.16m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.09% of total plot area (11291.60m2) , 25.67% of net plot area (8838.31m2)
21.Estimated cost of the project	579900000



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## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA

## 23. Total Water Requirement

<b>Dry season:</b>	Source of water	PCMC
	Fresh water (CMD):	317.34m <sup>3</sup> /day (One time)
	Recycled water - Flushing (CMD):	104.59m <sup>3</sup> /day
	Recycled water - Gardening (CMD):	10.00m <sup>3</sup> /day
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	202.75m <sup>3</sup> /day
	Fire fighting - Underground water tank(CMD):	300.00m <sup>3</sup>
	Fire fighting - Overhead water tank(CMD):	140.00m <sup>3</sup>
	Excess treated water	162.00m <sup>3</sup> /day
<b>Wet season:</b>	Source of water	PCMC
	Fresh water (CMD):	307.34 m <sup>3</sup> /day (One time)
	Recycled water - Flushing (CMD):	104.59m <sup>3</sup> /day
	Recycled water - Gardening (CMD):	0.00m <sup>3</sup> /day
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	202.75m <sup>3</sup> /day
	Fire fighting - Underground water tank(CMD):	300.00m <sup>3</sup>
	Fire fighting - Overhead water tank(CMD):	140.00m <sup>3</sup>
	Excess treated water	172.00m <sup>3</sup> /day
<b>Details of Swimming pool (If any)</b>	NA	

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA

<b>25.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Level of the Ground water table: Summer Season - 14.00 m. to 21.67 m. BGL. (17.84 M. Average), Rainy Season - 6.33 m. to 10.00 BGL. (8.17 M. Average), Winter Season - 10.17 m. to 15.84 m. BGL. (13.01 M. Average).
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	5 Nos.
	<b>Size of recharge pits :</b>	2.25 m. X 2.25 m. X 1.75 m. Depth with 45 to 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth.
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 6.25 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 0.30 Lakh/Year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity: 305.00 m <sup>3</sup> Flushing UG tank Capacity: 99.00 m <sup>3</sup> Fire UG tank Capacity: 300.00 m <sup>3</sup>

<b>26.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	5,965.23 m <sup>3</sup> / Year i.e. 119.30 m <sup>3</sup> / Day, considering 849.30 mm. annual rain fall in 50 days averagely.
	<b>Size of SWD:</b>	450 mm

<b>27.Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	276.59 m <sup>3</sup> /day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	STP=290m <sup>3</sup> /day
	<b>Location &amp; area of the STP:</b>	STP= 117.12m <sup>2</sup>
	<b>Budgetary allocation (Capital cost):</b>	STP = Rs. 81.00 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	STP = Rs. 14.64 Lakh / Year

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	50 Kg/day
	<b>Disposal of the construction waste debris:</b>	Use for Levelling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	473 Kg/Day
	<b>Wet waste:</b>	684 Kg/Day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	43.11 Kg/Day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Authorized Vendor
	<b>Wet waste:</b>	Organic Waste Converter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure after treatment in OWC
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	OWC= 49.50m <sup>2</sup>
	<b>Area for machinery:</b>	Included in other material area
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 17.19 Lakh
	<b>O &amp; M cost:</b>	Rs. 9.02 Lakh/Year

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## 29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA
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	160 KVA- 1No. (Resi)	HSD-30 Lit/Hr	S-1	5.22	To be provided	To be provided	
2	15 KVA- 1No. (MHADA)	HSD- 3.3 Lit/Hr	S-2	2.4	To be provided	To be provided	
3	15 KVA- 1No. (Comm)	HSD- 3.3 Lit/Hr	S-3	2.4	To be provided	To be provided	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	HSD	NA	36.6 lit/hr @75% Loading	36.6 lit/hr @75% Loading			
33.Source of Fuel		Bharat Petroleum Corporation Limited/ Hindustan Petroleum					
34.Mode of Transportation of fuel to site		By Roadway					
35.Energy							
<b>Power requirement:</b>	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	30 KW					
	DG set as Power back-up during construction phase	40 KVA - 1 No					
	During Operation phase (Connected load):	1903 KW					
	During Operation phase (Demand load):	1113 KW					
	Transformer:	2 Nos x 630 KVA					
	DG set as Power back-up during operation phase:	1) 160 KVA-01 no.(Resi), 2 ) 15 KVA- 01 no.(Comm), 3 ) 15 KVA- 01 no.(MHADA)					
	Fuel used:	HSD					
	Details of high tension line passing through the plot if any:	NA					
<b>Energy saving by non-conventional method:</b>							

Measures to reduce energy consumption :  
 1. Generally we have proposed high efficiency transformer, motors etc. to reduce losses.  
 2. Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures.

### 36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total of all Savings for (per year)	20%

### 37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening.
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to authorized vendor.

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.53.00Lakh
	<b>O &amp; M cost:</b>	Rs. 1.06 Lakh/Year

### 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 for Dust Suppression, Air& Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation- Mobile toilets	0.50 Lakh/Year
4	Socio Economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches for Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage Treatment Plant	Rs. 81.00 Lakh	Rs. 14.64 Lakh/Year
2	RWH	Rainwater Harvesting	Rs. 6.25 Lakh	Rs. 0.30 Lakh/Year
3	MSW (OWC)	Organic Waste Converter	Rs. 17.19 Lakh	Rs. 9.02 Lakh/Year
4	Energy System	-	Rs. 53.00 Lakh	Rs. 1.06 Lakh/Year

5	Landscaping	-	Rs.10.00 Lakh	Rs. 1.20 Lakh/Year
6	Safety Equipments	-	Rs. 10.00Lakh	Rs. 2.00 Lakh/Year
7	Post EC Monitoring	-	-	Rs. 2.50 Lakh/Year
8	Dry Waste Management	-	-	Rs. 2.64 Lakh/Year

### 39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

### 40.Any Other Information

No Information Available



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

**3. The proposal has been considered by SEIAA in its 194th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	PP to ensure that CER plan gets approved from Municipal Commissioner.
<b>II</b>	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
<b>III</b>	SEIAA decided to grant EC for -FSI: 25369.65 m2, Non-FSI:17667.71 m2 and Total BUA: 43664.96 m2( Plan Approval no-BP/EC/Pimple Gurav/01/2019, Date-12.06.2019)

**General Conditions:**

<b>I</b>	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
<b>II</b>	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
<b>III</b>	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
<b>IV</b>	PP has to abide by the conditions stipulated by SEAC& SEIAA.
<b>V</b>	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
<b>VI</b>	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
<b>VII</b>	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
<b>VIII</b>	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
<b>IX</b>	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.

X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.

XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .
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, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

LIV

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



# Government of Maharashtra

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**Shri. Anil Diggikar (Member Secretary  
SEIAA)**

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

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

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

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

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

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

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

  
Shri. 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 PUNE
10. MUNICIPAL COMMISSIONER SATARA
11. REGIONAL OFFICE MPCB PUNE
12. REGIONAL OFFICE MIDC PUNE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE PUNE
15. COLLECTOR OFFICE SATARA
16. COLLECTOR OFFICE SOLAPUR