

**Six Monthly Compliance Report for period July 2022 to December 2022 for project  
\_M/s. Vilas Javdekar & Sanjeevani Developers LLP**

Ace Enviroment <info@aceenvironment.in>

Mon 02/01/2023 18:24

To: EC Compliance Maharashtra <eccompliance-mh@gov.in>

Bcc: Ketakee Devdhar <ketakee.devdhar@javdekars.com>;prajakta.khamkar@javdekars.com  
<prajakta.khamkar@javdekars.com>;kiran.khamkar@javdekars.com <kiran.khamkar@javdekars.com>

Dear Sir/Madam,

Please find the Post EC Compliance Report attached herewith for Period of July 2022 to December 2022 of 'Yashwin Anand' Residential and Commercial project proposed on plot bearing Survey No. 24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/5B, 24/6,24/7A , 24/7B , 24/7C/1, 24/7C/2 Village - Mauje Sus , Tal - Mulshi , Dist. Pune Maharashtra by M/s. Vilas Javdekar& Sanjeevani Developers LLP., with reference to Environmental Clearance Letter No. SEIAA-EC-0000000485 dated 29.10.2018.

Hope this is in line with your requirement.

Thanking you

Yours Sincere

M/s. Vilas Javdekar& Sanjeevani Developers LLP

Date : 28.12.2022

To,  
Ministry of Environment and Forest & Climate Change  
Regional Office (WCZ), Ground Floor,  
East Wing, New Secretariat Building, Civil Line,  
Nagpur- 440001

**Subject :** Post EC Compliance Report for Period of July 2022 to December 2022 of Residential and Commercial Development Project "Yashwin Anand" at Survey No. S.No. 24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/7C/1, 24/7A, 24/4, 24/7C/1, 24/7C/2, 24/6, 24/5B, 24/7B Mauje-Sus, Tal-Mulshi, Dist. Pune, Maharashtra by Vilas Javdekar & Sanjeevani Developers LLP.

**Ref.:** Environmental Clearance No. SEIAA-EC- 0000000485 dated – October 29, 2018

Dear Sir,

This is in reference to the requirement stated in the Environmental Clearance No. SEIAA-EC- 0000000485 dated – October 29,2018 for our above mentioned Residential and Commercial Development Project "Yashwin Anand" located at Survey No.S.No. 24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/7C/1, 24/7A, 24/4, 24/7C/1, 24/7C/2, 24/6, 24/5B, 24/7B Mauje-Sus, Tal-Mulshi, Dist. Pune., Maharashtra by Vilas Javdekar & Sanjeevani Developers LLP.

In accordance to your requirement please find enclosed herewith following documents for post EC for the subject project for your kind reference :

1. Compliance report
2. Environment Clearance Letter
3. Consent to Establish Copy
4. Consent to Operate Copy
5. Budgetary provision for EMP
6. Advertisement Copy
7. Monitoring Reports

Hope you will find the above in line with your requirement.

Thanking you,

Yours Sincerely,

*Ketakee*  
For

For, Vilas Javdekar & Sanjeevani Developers LLP.



**Authorized Signatory**

CC to:

1. The member secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup>& 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Mumbai- 400022, India
2. The Environmental Secretary, Room No. 217, 2<sup>nd</sup> floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032

*Raj*  
02-01-2023

**Maharashtra Pollution Control Board**  
Kalpataru Point, 2nd Floor, Sion Circle,  
Opp. Cine Planet, Sion (East),  
Mumbai - 400 022.  
Tel. 24010437 / 24020781.  
Website : www.mpcb.gov.in

**Vilas Javdekar & Sanjeevani Developers LLP**

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**SIX MONTHLY COMPLIANCE REPORT**  
**OF**  
**RESIDENTIAL & COMMERCIAL PROJECT**  
**“YASHWIN ANAND”**

**AT**

S.No. 24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/5B, 24/6, 24/7A,  
24/7B, 24/7C/1, 24/7C/2

Village - Mauje Sus, Tal - Mulshi, Dist. Pune

**OF**

**M/s Vilas Javdekar & Sanjeevani Developers LLP**

**FOR**

**JULY 2022 TO DECEMBER 2022**

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## Section 1: Purpose of the Report

As per the 'Sub Para (i)' of 'Para 10' of EIA Notification 2006 and Condition mentioned in Point No. XLV, L, LIV & LVII of General conditions of Environmental Clearance (EC) letter dated 29th October, 2018 (**Annexure 1**), it is mandatory to submit six monthly compliance report to show the status & compliance of all the conditions mentioned in EC letter, along with monitoring of various environmental parameters. Therefore, based on specific and general conditions mentioned in EC letter detail compliance report is prepared.

## Section 2: Project Details

M/s. Vilas Javdekar & Sanjeevani Developers LLP is proposing residential project 'Yashwin Anand' at S. No. S.No. 24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/5B, 24/6, 24/7A, 24/7B, 24/7C/1, 24/7C/2, Village-Mauje- Sus, Tal. Mulshi, Dist. Pune, Maharashtra. Project is designed as self-sufficient establishment wherein infrastructure facilities such as water supply, power supply and communication facilities are proposed. Further the project proponent has made provision for solid waste collection and disposal, rain water harvesting and sewage treatment plant to ensure that project is environment friendly. The project proponent also proposes arrangement for safety, maintenance and security of residents. The main features of the project are as follows.

1.	Clearance letter (s)/OM no. and date	:	SEIAA-EC-0000000485 dated – 29 <sup>th</sup> October, 2018
2.	Location	:	S.No. 24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/5B, 24/6, 24/7A, 24/7B, 24/7C/1, 24/7C/2, Village-Mauje-Sus, Tal-Mulshi, Dist. Pune.
3.	(a) Address for correspondence		306, Siddharth Towers, Sangam Press Road, Kothrud, Pune - 411 038.
	(b) Address of Executive Project Engineer/ Manager (with pin code / Fax)	:	<b>Mr. Sarvesh Javdekar</b> Designation : Technical Director M/s.Vilas Javdekar & Sanjeevani Developers LLP Address: 306, Siddharth Towers, Sangam Press Road, Kothrud, Pune - 411 038. Telephone No. : + 91 9673811919 E-mail: sarvesh.javdekar@javdekar.com
4.	Salient Features		
	Total Plot Area (As per DC)	:	Existing Plot area: 14,370 m <sup>2</sup> , Additional Plot Area: 1500 m <sup>2</sup> , Total Including Expansion:15,870 m <sup>2</sup>
	Net Plot Area	:	Existing - 11,722.58 m <sup>2</sup> , Proposed - 1275 m <sup>2</sup> , Total - 12997.58 m <sup>2</sup>
	Construction BUA (FSI + Non FSI)	:	35,645.66 m <sup>2</sup>

Domestic Water Requirement	134 m <sup>3</sup> /day
Recycled Water Requirement (For Flushing & Landscaping)	Flushing: 72 m <sup>3</sup> /day Landscaping: 30 m <sup>3</sup> /day
Sewage Generation	186 m <sup>3</sup> /day
No. & Capacity of STP	198m <sup>3</sup> /day
Solid Waste Generation	Non Bio-degradable Waste: 280kg/day Bio-degradable Waste: 420 kg/day STP Sludge: 28.25 kg/day
Energy Demand	Maximum Demand: Existing: 496 KW Proposed: 425KW, Total: 925 KW  Connected Load: Existing: 1229.24 KW Proposed: 729.76 KW, Total: 1959 KW DG set: Construction phase: 1 of 40KVA Operation phase: 1 of 160 KVA

### Section 3: Present Site Conditions

Sr. No.	Building Component	Current status of Work
1	No. of building constructed	4 residential buildings + club house - Completed

### Section 4: Post Environment Clearance Compliance Report

The proposal has been considered by SEIAA in its 141<sup>st</sup> meeting decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subjected to implementation of the following terms and conditions:

Sr. No	EC Conditions	Compliance Status
<b>General Conditions:-</b>		We will dispose E-waste
(i)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016	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 physically ensuring the existence of sustained water availability, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms and O.M. dated 19.06.2013	Condition is noted. We will comply the same
(iii)	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Not applicable, as project land does not come under forest reservation.
(iv)	PP has to abide by the conditions stipulated by SEAC & SEIAA.	We will abide by 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.	The height, Construction built up area of proposed construction is in accordance with the existing FSI/FAR norms of the urban local body. Proposed project is in the residential zone as per the approved development plan of the area.
(vi)	"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.	Consent to establish from MPCB has been obtained. Copy is attached as <b>Annexure – 3</b> , as well as Consent to Operate is attached as <b>Annexure-4</b> .
(vii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Yes, Mobile toilets were constructed on site to ensure sanitary and hygienic conditions and its maintenance was carried out.

(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.	Drinking water provision was made at site during construction phase.
(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.	Generated waste was properly segregated and disposed off through authorized vendor.
(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.	All construction waste was collected and segregated properly at site and most of it was reused for construction activity.
(xi)	Arrangement shall be made that waste water and storm water do not get mixed.	Waste water will be treated in STP & excess treated water will be Connected to Municipal sewer drain. Maximum storm water will be recharged through recharge pits and excess storm water will be drain through municipal storm water line. Hence, we ensure that waste water and storm water will not get mixed.
(xii)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Noted & complied.
(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.	Noted & complied.
(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.	Noted and complied with.
(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 and ground water samples are tested. No toxic contaminants are found. Monitoring report is attached.
(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.	Condition is Noted and complied with.

(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.	Noted and complied
(xviii)	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise standards	The DG used for construction was low sulphur diesel type and the same was maintained regularly by their authorized agency.
(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 storage on site is within the permissible limits.
(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.	Pollution checks and undertakings from various vendors were obtained.
(xxi)	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	The ambient noise levels during day and night are tested and the same is within permissible limits.
(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 has been used as a building material in following ways : 1. AAC blocks 2. Loose Fly ash
(xxiii)	Ready mixed concrete must be used in building construction.	Ready mixed concrete has been used in the building.
(xxiv)	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Roof top rain water will be harvested and stored in a tank and accordingly plumbing drawings are obtained from consultant. Storm water layout for surface runoff showing final disposal point is prepared.

(xxv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand is reduced by: 1. Water reducing admixture in concrete 2. Ready mix plaster containing curing chemical.
(xxvi)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Condition is noted.
(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 odor problem from STP.	STP is provided on site. Treated water is used for flushing and gardening.
(xxvii i)	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.	Condition is noted.
(xxix)	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Dual plumbing provided in buildings
(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.	Fixtures for showers, toilet flushing and drinking are provided.
(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.	Since the project is residential building and the area of glass is only approximately 17% of built-up area, the electricity consumption is anyways less.
(xxxii)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Roof top thermal insulation paint is applied

(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 maybe 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.	(i) All outdoor lighting is either CFL/LED. (ii) Solar water heater systems are installed.
(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.	The diesel generator sets are provided which conform to the rules made under the Environment (Protection) Act. 1986.
(xxxv)	Noise should be controlled by 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.	Noise level testing is done during day and night and test report by environmental consultant is obtained which indicates that the values are within permissible 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.	Condition is noted.
(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.	Noted.
(xxxviii)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	As per DC rules.

(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.	Site engineers supervise proper implementation at site.
(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.	Condition is noted. The copy of EC letter is attached as <b>Annexure 2</b> .
(xli)	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	RO shifted to Nagpur hence we are now submitting to the Nagpur.
(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.	Noted and complied.
(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.	OWC provided in premises for the treatment of wet waste.



(xliv)	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Noted.
(xlv)	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Noted.
(xlvi)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Noted.
(xlvii)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate environment management and EMP account is formed by registration of society.
(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.	EMP fund attached as <b>Annexure 5.</b>
(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>	Advertisement is published in Marathi & English newspaper. Copy is attached as <b>Annexure-6.</b>
(l)	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soil copies to the MPCB & this department on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	Condition is noted.
(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.	A copy of environment clearance letter has been submitted to PMRDA.

	If any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Condition is noted.
(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 sectoral 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.	The status of compliance and monitoring reports will be uploaded on website. The environment performance board will be displayed on site near main gate.
(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.	Six monthly reports have been submitted to concerned Government offices.
(liv)	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	We will submit Form V for each financial year.
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.	Noted.

5	In case of submission of false document and non-compliance of stipulated conditions. Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act. I 986,	Noted.
6	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Noted
7	<b>Validity of Environment Clearance:</b> The environmental clearance accorded shall be valid for a period of 7 years as per MoEF and CC notification dated 29 <sup>th</sup> April, 2015.	Noted.
8	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	Noted.
9	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act. 1974, the Air (Prevention and Control of Pollution) Act. 1981. The Environment (Protection) Act. 1986 and rules there under. Hazardous Wastes (Management and Handling) Rules. 1989 and its amendments, the public liability Insurance Act, 1991 and its amendments.	Noted.
10	Any appeal against this environmental clearance shall lie with the National Green Tribunal, Van Vigyanbhawan, Sec-5 R.K Puram, New Delhi-110 022, if preferred within 30days as prescribed under section 35 of the National Green Tribunal Act 2010.	Noted.

### Section 5 : Monitoring and Analysis

Monitoring of Air quality, Water quality, Soil quality, Noise level and DG set stack emissions at construction site. Monitoring was done and samples were collected as per standard norms. All samples were analyzed in NABL accredited laboratory. The details of sampling parameters were given in following table.

<b>Sr. No.</b>	<b>Environmental Components</b>	<b>Monitoring Parameters</b>
1	Air	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>2</sub> , O <sub>3</sub> , Pb, CO, NH <sub>3</sub> , C <sub>6</sub> H <sub>6</sub> , Benzo (a) Pyrene – Particulate Phase only, As, Ni
2	Water	Colour, Odour, Turbidity, pH, TDS, Total Alkalinity, Total Hardness, Ca, Mg, Cl <sup>-</sup> , SO <sub>4</sub> , NO <sub>3</sub> , Fe, Mn, F, Pb, Cu, Zn, Cr <sup>6+</sup> , As, B, Residual Chlorine, Al, Cd, Se, Hg, Pesticides, Mineral Oil
3	Noise	Leq
4	Soil	pH, Electrical Conductivity , Total Nitrogen as N, Phosphate as P, Potasium as K, Exchangeable Calcium as Ca, Exchangeable Magnesium as Mg, Exchangeable Sodium as Na , Organic Matter, Texture

Monitoring results are attached as **Annexure 7** which indicates that parameters of all environmental components are within standard limit and there is no pollution at site.



सत्यमेव जयते

## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date:October 29, 2018

To,  
**M/s. Vilas Javdekar & Sanjeevani Developers LLP**  
at S.No.24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/7C/1, 24/7A, 24/4, 24/7C/1, 24/7C/2, 24/6, 24/5B, 24/7B Mauje-Sus, Tal-  
Mulshi, Dist. Pune.

**Subject:** Environment Clearance for Expansion of Residential and Commercial Construction project  
Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 67th 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 141st meetings.


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

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

1.Name of Project	Yashwin Anand
2.Type of institution	Private
3.Name of Project Proponent	M/s. Vilas Javdekar & Sanjeevani Developers LLP
4.Name of Consultant	east5 environmental foundation, accredited by NABET, the scope of consultancy is limited to preparation of environmental management plan only. In accordance with EIA amendment notification 3rd March 2016)
5.Type of project	Housing project, Residential and Commercial construction project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Previous EC Vide no. SEAC-2016/C.R.424/TC-1
8.Location of the project	S.No.24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/7C/1, 24/7A, 24/4, 24/7C/1, 24/7C/2, 24/6, 24/5B, 24/7B Mauje-Sus, Tal-Mulshi, Dist. Pune.
9.Taluka	Mulshi
10.Village	Sus
Correspondence Name:	Mr. Sanjay Despande
Room Number:	-
Floor:	1st
Building Name:	101 Sujal Apartments
Road/Street Name:	Road, Near Mhatre Bridge
Locality:	Patwardhan Baug
City:	Pune
11.Area of the project	PMRDA (Town Planning)

SEIAA Meeting No: 141 Meeting Date: October 5, 2018 ( SEIAA-  
STATEMENT-000001154 )  
SEIAA-MINUTES-0000000684  
SEIAA-EC-0000000485

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Shri. Anil Diggikar (Member Secretary  
SEIAA)

12.IOD/IOA/Concession/Plan Approval Number	Sanctioned by PMRDA <b>IOD/IOA/Concession/Plan Approval Number:</b> BMU/MOU.SUS/S.NO. 24/3/1 & OTHERS / CR.NO.1717 / 16-17 / Date 12-03-2018 <b>Approved Built-up Area:</b> 35645.66
13.Note on the initiated work (If applicable)	A Bldg - RCC Complete upto 4 floors. From 5th to 11th Floor RCC Completed as per Sanction received, B - Bldg - RCC & Brickwork completed Upto 11 Floor as per sanction, C - Bldg - RCC & Brickwork completed Upto 11 Floor as per sanction, D - Bldg - RCC & Brickwork completed Upto 11 Floor as per sanction
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	Existing Plot area - 14,370 sqm, Additional Plot Area - 1500 sqm, Total Including Expansion 15870 sqm
16.Deductions	Existing - 2647.42 sqm, Proposed - 2293.96 sqm, Total - 2293.96 sqm
17.Net Plot area	Existing - 11,722.58 sqm, proposed - 1275 sqm, Total - 12997.58 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Existing - 17,666.67 sqm, Proposed - 1626.02 sqm, Total - 19292.69 sqm
	Non FSI area (sq. m.): Existing - 15,753.50 sqm, Proposed - 599.47 sqm, Total - 16352.97sqm
	Total BUA area (sq. m.): 35645.66
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 19292.69
	Approved Non FSI area (sq. m.): 16352.97
	Date of Approval: 12-03-2018
19.Total ground coverage (m2)	3613.94 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25 %
21.Estimated cost of the project	550000000

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## 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

<b>Dry season:</b>	Source of water	Sus Gram Panchayat
	Fresh water (CMD):	134 KL
	Recycled water - Flushing (CMD):	72 KL
	Recycled water - Gardening (CMD):	30 KL
	Swimming pool make up (Cum):	NA
	<b>Total Water Requirement (CMD) :</b>	<b>236 KL</b>
	Fire fighting - Underground water tank(CMD):	200 KL
	Fire fighting - Overhead water tank(CMD):	100 KL
	Excess treated water	84
<b>Wet season:</b>	Source of water	Sus Gram Panchayat
	Fresh water (CMD):	134 KL
	Recycled water - Flushing (CMD):	72 KL
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	<b>Total Water Requirement (CMD) :</b>	<b>206 KL</b>
	Fire fighting - Underground water tank(CMD):	200 KL
	Fire fighting - Overhead water tank(CMD):	100 KL
	Excess treated water	114
<b>Details of Swimming pool (If any)</b>	Not Applicable	

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	134	134	Not applicable	10	10	Not applicable	186	186
Gardening	Not applicable	30	30	Not applicable	30	30	Not applicable	0	0

<b>25.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	64 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	7 no. with borewell
	Size of recharge pits :	1 m x 2 m x 1.5 m
	Budgetary allocation (Capital cost) :	Rs 1,98,8000/-
	Budgetary allocation (O & M cost) :	Rs 13,200/- per annum
Details of UGT tanks if any :	Domestic UGT: 101 KL Flushing UGT: 74 KL (considered in STP) Fire UGT: 200 KL	

<b>26.Storm water drainage</b>	Natural water drainage pattern:	As per contour
	Quantity of storm water:	8066 cum/year
	Size of SWD:	300 mm to 600 mm with slope 1:200

<b>27.Sewage and Waste water</b>	Sewage generation in KLD:	186 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. with capacity:198 KL
	Location & area of the STP:	Please refer layout
	Budgetary allocation (Capital cost):	Rs 60,00,000/-
	Budgetary allocation (O & M cost):	Rs 12,33,300/- per annum



## 28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not applicable
	Disposal of the construction waste debris:	Land filling on same site
Waste generation in the operation Phase:	Dry waste:	280 kg/day
	Wet waste:	420 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	28.25 kg/day
	Others if any:	E-waste
Mode of Disposal of waste:	Dry waste:	Through Authorized vendors
	Wet waste:	Mechanical composter
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Manure
	Others if any:	E-waste disposal through authorize vender
Area requirement:	Location(s):	Please refer layout
	Area for the storage of waste & other material:	37.5 sqm
	Area for machinery:	15 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 15,00,000/-
	O & M cost:	Rs 1,50,000/- per annum

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## 29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.0-8.5	5.5-7.0	Not applicable
2	Oil & Grease	mg/l	10 - 20	< 10	Not applicable
3	BOD	mg/l	200-250	< 10	Not to exceed 10
4	COD	mg/l	350-450	<60	Not to exceed 100
5	Total Suspended solids	mg/l	150-200	<10	Not to exceed 50
6	Total nitrogen	mg/l	120	<50	Not applicable
7	Nitrate	mg/l	15-16	<10	Not applicable
8	Dissolve Phosphate	mg/l	13-15	<5	Not applicable
9	Fecal coliform	MPN	1000000	Nil	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			

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### 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

<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 x 1
	During Operation phase (Connected load):	Existing - 1229.24 KW Proposed - 729.76 KW Total - 1959 KW
	During Operation phase (Demand load):	Existing - 496 KW Proposed - 425KW Total 925 KW
	Transformer:	Existing - 630 KVA x 1 Proposed - 630 KVA x 1 Total - 630 KVA x 2
	DG set as Power back-up during operation phase:	160 KVA x 1
	Fuel used:	diesel
	Details of high tension line passing through the plot if any:	Not applicable

#### Energy saving by non-conventional method:

- Use of T5+ LED fixtures with electronic Ballast against T8+ CFL.
- Motion sensors are proposed for parking areas & use of LED in common area
- Use of non conventional energy i.e. Solar water heating system.
- Energy efficient transformer
- Solar lighting for common areas.

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

Serial Number	Energy Conservation Measures	Saving %
1	Use of T5 + LED	26937 kwh/annum
2	Energy saving by LED in common and parking area	17432.4 kwh/annum
3	Solar water heater	445725 kwh/annum
4	Street lighting	11957.4 kwh/annum
5	Transformer saving	8830.08 kwh/annum

### 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 42,09,625/-
	O & M cost:	Rs 2,10,482/- per annum

### 38.Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Dust control measures, barricading	Rs 4,00,000
2	Site safety	Safety nets, safety equipments	Rs 3,50,000
3	Site sanitation	Toilets and cleanliness for labourers	Rs 1,50,000
4	Disinfection and health checkups	monitoring of health of labourers and hygiene	Rs 1,00,000
5	Environmental monitoring	Air, water, soil monitoring	Rs 1,00,000

#### 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	Installation and civil cost for 198 KLD capacity	Rs 60,00,000	Rs 12,33,300
2	Drainage line cost	upto final disposal	Rs 5,60,000	Rs 17,000
3	Rain water harvesting	internal piping	Rs1,98,000	Rs13,200
4	Storm water networking	upto final disposal	Rs10,46,000	Rs 31,000
5	storm water line cost	upto final disposal	Rs 6,00,000	Rs 18,000
6	Solid waste management	Installation and operation	Rs15,00,000	Rs 1,50,000
7	Green belt development	Plantation of trees and lawn	Rs 64,67,140	Rs 3,70,214
8	Energy saving measures (including solar water heater)	Installation and operation	Rs 42,09,625	Rs 2,10,482
9	Environmental monitoring	Air, water, soil, noise monitoring	0	Rs 1,60,000

10	Safety, training and awareness	Fire safety	Rs 9,00,000	0
11	Water tanker supply	in case of emergency	Fixed amount will be taken from the purchaser at the time of purchase (Rs 1,00,000/- per flat)	0

### 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


  
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	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	B a (B-2)
	Court cases pending if any	No
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	18-05-2016

3. The proposal has been considered by SEIAA in its 141st 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 for sustainable water supply.
II	PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&GC circular dated 1/05/2016.
III	PP to upload plan for sewer line connectivity up to final disposal point.
IV	SEIAA decided to grant EC for - FSI area: 16540.27 m <sup>2</sup> , Non FSI area - 16352.97m <sup>2</sup> and Total BUA: 32893.24 m <sup>2</sup>
V	PP to upload detailed CER.

**General Conditions:**

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



IX	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (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/reused 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 changes 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.



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



# Government of Maharashtra

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

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

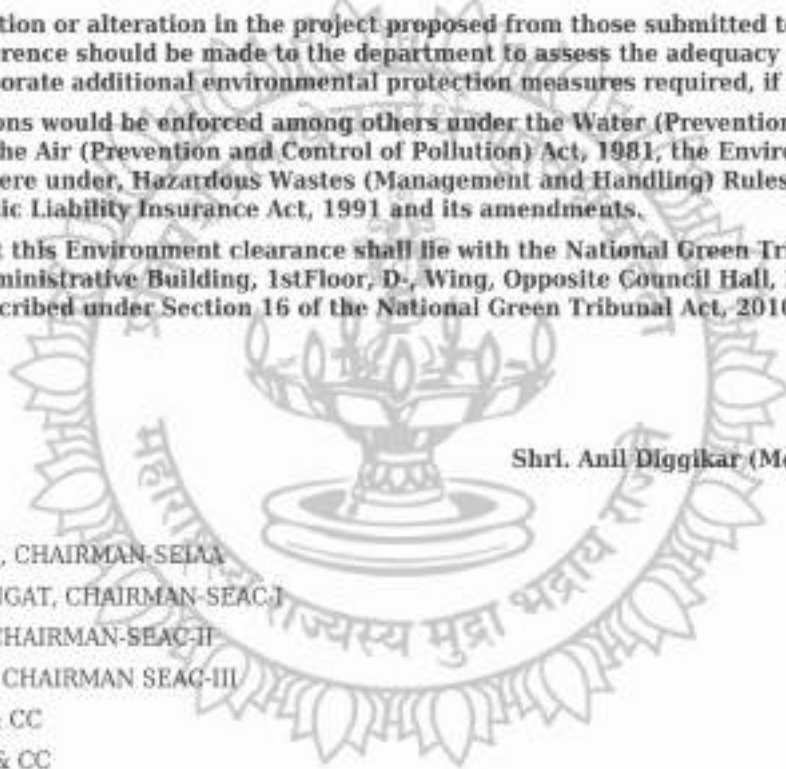
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

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

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

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

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



Shri. 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

# MAHARASHTRA POLLUTION CONTROL BOARD

Phone :- 24010437/24020781/24014701

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Kalpataru Point, 3rd & 4th floor, Sion-  
Matunga Scheme Road No. 8, Opp.  
Cine Planet Cinema, Near Sion Circle,  
Sion (E), Mumbai - 400 022

*Infrastructure/Orange/L.S.I*

Consent order No: Format I.0/BO/ROHQ/CE/CC-1701001241

Date: 19/01/2017

To,

M/s. Vilas Javdekar & Suraj Developers LLP,  
Sr. No. 24/3/1, 24/3/2, 24/3/3, 24/5A, 24/7A, 24/4,  
24/7C/2, 24/6, 24/5B, Sus, Mulshi, Pune.

Sub : Consent to Establish in Orange category for Building / construction project.

Ref : Minutes of Consent Committee meeting held on 06/12/2016.

UAN No:- MPCB-CONSENT-0000011548, Date:- 10/08/2016

For: Consent to Establish for Construction of Residential 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 Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to Establish is granted for a period upto:- Commissioning of the unit or five years, whichever is earlier.
2. The Proposed Capital investment of the Project is Rs. 48.0 Cr. (As per CA certificate).
3. The Consent to Establish is valid for development of new Residential project by M/s. Vilas Javdekar & Suraj Developers LLP at Sr. No. 24/3/1, 24/3/2, 24/3/3, 24/5A, 24/7A, 24/4, 24/7C/2, 24/6, 24/5B, Sus, Mulshi, Pune on total plot area 14,370.0 m<sup>2</sup> and total construction built up area 35,491.48 m<sup>2</sup> As per construction commencement certificate issued by local body.
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	186.0 CMD	As per Schedule -I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer.

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

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG sets (160 KVA)	1	As per Schedule -II

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

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1.	Biodegradable Waste	420.0	Kg/Day	OWC	Used as manure
2.	Non Biodegradable Waste	280.0	Kg/Day	Segregation	By sale

7. This 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 agencies.
9. The applicant shall submit an affidavit within 15 days in the prescribed format towards not taking further effective steps prior to obtaining the Environment Clearance.
10. The applicant shall not take any effective step prior to Environment Clearance. The 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-1103/41/2006-1A.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.
11. Project proponent shall submit an affidavit in Board' prescribed format within 15 days regarding the compliance of conditions of Environment Clearance and Consent to Establish.

For and on behalf of the  
Maharashtra Pollution Control Board

  
Dr. P. Anbalagan IAS  
Member Secretary

Received Consent fee of -

Sr.	Amount (RS)	DD No.	Date	Drawn On
1	75000.0	MAHBH16223661913	10/08/2016	Bank Of Maharashtra

Copy to:

1. Regional Officer, MPCB, Pune. And Sub-Regional Officer, Pune-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-1

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your consent application, you have proposed to provide the sewage treatment system with the design capacity of 198.0 CMD

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1.	Suspended Solids	Not to exceed	50.0 mg/l.
2.	BOD 3 Days 27 degree C	Not to exceed	10.0 mg/l.
3.	COD	Not to exceed	100.0 mg/l.

C] The treated domestic effluent shall be 60% recycled and reused for flushing, fire fighting and cooling of Air conditioners etc. The remaining shall be discharged into Municipal sewer/ utilized on land for gardening after conforming to above standards. The firm shall affix the separate meter for ensurance of 60% recycling of treated sewage and keep the records of the same. In no case effluent shall find its way to any water body directly /indirectly at any time.

2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works 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 an extension or addition thereto.

3) The firm 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 thereunder 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	236.0

Schedule-II

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

1. As per your application, you have proposed to erect following stack (s) and to observe the following fuel pattern-

Sr.No.	Stack Attached To	Height in Mtrs.	Type of Fuel	Quantity
1.	DG sets (160 KVA)	3.0	Diesel	5.0 Kg/Hr

\* D.G. Set shall be operate only in case of power failure.

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	150.00 mg/Nm <sup>3</sup> .
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3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary)
5. 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	Establish	Rs. 10.0 lakh	15 days at Regional Office Pune.	Rs. 10.0 lakh for ensuring the compliance of consent conditions.	Upto Commissioning of the unit	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.
  - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - g) D.G. Set shall be operated only in case of power failure.
  - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with 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 consent 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 treated sewage shall be disinfected using suitable disinfection method.
- 10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.



# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781  
/24037124/24035273  
Fax : 24044532/24024068  
/24023516  
Email : [jdwater@mpcb.gov.in](mailto:jdwater@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 /LSI

Consent order No: Format1.0/BO/JD (WPC)/UAN-62769 /CE/CC-1903001427

Date 26/03/2019

To,

M/s. Vilas Javdekar and Sanjeevani Developers LLP,  
24/3/1,24/3/2,24/3/3,24/4,24/5A, 24/5B,24/6,  
24/7C/1,24/7C/2, 247a,4/7B Tal: Mulshi , Dist: Pune

Sub: Consent to Operate (Part) for Residential and Commercial Construction Projects is granted under Orange category .

Ref : 1. Consent to Established obtained Vide No. Format 1.0/BO/RO-  
(HQ)/ CE/CC-1701001241 dt 19/01/2017

2. Environmental Clearance obtained Vide SEIAA-EC-0485  
dt.29.10.2018.

4. Your Application vide UAN No. 62769 dt.15.12.2018

5. Minutes of Consent Committee meeting held on 1/03/2019 and 02.03.2019

For: Consent to Operate (Part) for Residential and Commercial Construction project under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & TM) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Consent to Operate (Part) is granted for period up to 28.02.2021

2. The proposed capital investment of the project is Rs. 55.0 Cr.  
(As per C.A certificate submitted by project proponent)

The Consent to Operate (Part) is valid for Residential and Commercial Construction Projects named as M/s. Vilas Javdekar and Sanjeevani Developers LLP, 24/3/1,24/3/2,24/3/3,24/4,24/5A, 24/5B,24/6, 24/7C/1,24/7C/2, 247a,4/7B Tal: Mulshi , Dist: Pune For total plot area of 15,870.0 Sq. Mtrs and construction build up area 35,491.48 Sq. Mtrs out of total construction BUA 35,645.66 Sqm including utilities and services ( As per Architect Certificate Submitted by project proponent dt.09.01.2019 and EC dt 29.10.2018 )

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	186.0	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	DG Set	160 KVA	1	As Per Schedule -II

**5. Conditions under Solid Waste Management Rules, 2016:**

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet garbage	420.0 Kg/Day	Organics waste Converter with composting facility / Biogas digester with composting facility	Used as Manure
2	Dry garbage	280.0Kg/Day	--	Segregate and Hand over to Local Body for recycling
3.	STP sludge	30.0 Kg/day	STP	Used as manure

**6. Project Proponent shall apply for consent to Establish for additional plot area and construction BUA as per as per amended EC within 7 days .**

7. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.

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

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

10. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.

11. 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.

12. Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.

13. Project Proponent shall Operate and maintain Organic waste digester with composting facility or Biogas digester with composting facility.

14. The applicant should comply with the conditions stipulated in environmental Clearance Obtained from SEIA -EC-00000485, Environment Department , Government of Maharashtra , dtd .29.010.2018 for total plot area 15,870.0 Sqm and construction BUA 35,645.56 sqm .

For and on behalf of the  
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)  
Member Secretary

**Received Consent fee of -**

Sr. No.	Amount (Rs.)	Transaction . No.	Date	Drawn On
1	200,000/-	MAHBR5201812190599076	19/12/2018	SBI

**Copy to:**

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune-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 updating purposes.

### Schedule-I

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

- 1) A) As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of 350.0 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 27°C )	10
02	Suspended Solids	50
03	COD	100

- 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.

The Board reserves its rights to review plans, Specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant should obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto

- 2) The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	236.0

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



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO <sub>2</sub>
1.	DG Set (160 KVA)	Acoustic enclosure	3.0	Diesel	5.0	Lit/Hr	-	-

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

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

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
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3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.

The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



**Schedule-III**  
**Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Operate	Rs. 10 lakh	15 Days	Towards Compliance of EC and consent conditions.	Continuous	31.05.2021



Maharashtra Pollution Control Board



#### Schedule-IV

##### General Conditions:

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

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
  - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - g) D.G. Set shall be operated only in case of power failure.
  - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) The treated sewage shall be disinfected using suitable disinfection method.
- 9) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11) **The applicant make an application for renewal of consent at least 60 days before the date of the expiry of the consent.**

### Budget for Environment Management Plan

#### Construction Phase:

Sr. No.	Parameter	Total cost in Lakhs per annum
1	Dust control measures, barricading	4.0
2	Safety nets, safety equipments	3.5
3	Toilets and cleanliness for labourers	1.5
4	monitoring of health of labourers and hygiene	1.0
6	Air, water, soil monitoring	1.0
6	<b>Total Cost</b>	<b>11.0</b>

#### Operation Phase:

Sr. No.	Pollution Control Measures	Capital Cost (Rs. Lakhs)	Recurring Cost Per Annum (Rs. Lakhs)
1.	STP Cost	60.0	12.3
2.	Drainage line cost	5.6	0.17
3.	Rain water harvesting	1.98	0.13
4.	Storm water networking	10.46	0.31
5.	Storm water line cost	6.0	0.18
6.	Solid waste management	15.0	1.5
7.	Green belt development	64.67	3.7
8.	Energy saving measures (including solar water heater)	42.0	2.1
9.	Environmental monitoring	--	1.6
10.	Safety, training and awareness	9.0	--
11.	Water tanker supply	Fixed amount will be taken from the purchaser at the time of purchase (Rs. 1,00,000/- per flat)	---
12.	<b>Total</b>	<b>214.71</b>	<b>21.9</b>

**New Delhi:** Prime Minister Narendra Modi on Tuesday will launch a fifth generation (5G) mobile service testbed that will support the country's telecom industry and startups to validate their products, prototypes and solutions in next-generation technologies.

The 5G testbed has been developed as a multi-institute collaborative project by eight institutes led by Indian Institute of Technology (IIT) Madras at a cost of more than ₹20 crore, a government press release issued on Monday said.



Other institutes that participated in the project include IIT Delhi, IIT Hyderabad, IIT Bombay, IIT Kanpur, IISc Bangalore, Society for Applied Microwave Electronics Engineering & Research (Samer), and Centre of Excellence in Wireless Technology (CEWIT).

The prime minister will launch the testbed at a virtual programme marking the

ritinms in 5G and next generation technologies," it said.

Its launch will come on a day when the Digital Communications Commission (DCC) — the highest decision-making body of the Department of Telecommunications (DoT) — is likely to decide upon the modalities of the 5G spectrum auction.

DCC at a meeting is expected to decide upon the tenure for which to give out spectrum to telcos, the rollout obligations for certain 5G bands, and ways in which telcos could partner with the industry for private captive 5G networks, among other issues.

### PSPCL Punjab State Power Corporation Limited

Regd. Office : PSEB Head Office, The Mall, Patiala-147001.  
Corporate Identity Number : U40109PG2010SGC333813  
Website : [www.pspcl.in](http://www.pspcl.in) (Contact no. 96461-30640)

Tender Enquiry no. 1381/0&MPC-2287 Dated: 13-05-2022

Chief Engineer / OSM (P&P Cell), GHPP, Lahra Mohabbat, invites E-tender for the Procurement of Heavy Chemicals viz, Caustic Soda Lye (47.5%), Hydrochloric Acid (30%), Liquid Chlorine, Quantity as per NIT. For detailed NIT & tender Specification please refer to [bit.ly/3wz9p9e](http://bit.ly/3wz9p9e) from 13-05-2022 from 17:00 hrs onwards.

Note : Corrigendum and addendum, if any will be published online at [bit.ly/3wz9p9e](http://bit.ly/3wz9p9e).

CHP/2022/OP/PS : 7655/1236/02/1/432

### PUBLIC NOTICE

We, M/s. Vilas Javdekar Eco Shelters Pvt Ltd hereby bring to the kind notice of general Public that Environment Department, Government of Maharashtra has been accorded in Environmental Clearance for our "YashONE Wakad Central" located at S. no. 173/2/2B/1+2+3+4, 173/2/2A/1+3+4+5, Plot 'A', Village Wakad, Taluka, Muleshi, Pune, Maharashtra vide letter date 04 December 2019 bearing file No. SEIAA-EC-0000002197. The copies of the clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the Website of the Department of Environment, Government of Maharashtra at <http://www.ecmpcb.gov.in>

M/s. Vilas Javdekar Eco Shelters Pvt Ltd

### PUBLIC NOTICE

We, M/s. Vilas Javdekar and Sanjeevani Developers LLP hereby bring to the kind notice of general Public that Environment Department, Government of Maharashtra has been accorded in Environmental Clearance for our "Yashwin Anand" located at S.no. 24/3/1, 24/3/2, 24/3/3, 24/4, 24/5A, 24/7C/1, 24/7A, 24/4, 24/7C/2, 24/5, 24/5B, 24/7B, Village, Sus, Taluka, Muleshi, Pune, Maharashtra vide letter date 28 October 2018 bearing file No. SEIAA-EC-0000000495. The copies of the clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the Website of the Department of Environment, Government of Maharashtra at <http://www.ecmpcb.gov.in>

M/s. Vilas Javdekar & Sanjeevani Developers LLP

### PUBLIC NOTICE

We, M/s. Vilas Javdekar Eco Shelters Pvt Ltd hereby bring to the kind notice of general Public that Environment Department, Government of Maharashtra has been accorded in Environmental Clearance for our "Yashwin Hinjawadi" located at S.no. 25/1, 25/2, 31, 32(p), 43/5, 43/6, 43/7, Village Man, Taluka, Muleshi, Pune, Maharashtra vide letter date 07 November 2019 bearing file No. SEIAA-EC-0000002052. The copies of the clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the Website of the Department of Environment, Government of Maharashtra at <http://www.ecmpcb.gov.in>

M/s. Vilas Javdekar Eco Shelters Pvt Ltd

### PUBLIC NOTICE

We, M/s. Vilas Javdekar Eco Shelters Pvt Ltd hereby bring to the kind notice of general Public that Environment Department, Government of Maharashtra has been accorded in Environmental Clearance for our "Yashwin Hinjawadi" located at S.no. 286/4/1/A, 286/4/1/B, 286/4/1/C, 286/4/1/D, Village Maan, Taluka, Muleshi, Pune, Maharashtra vide letter date 31 March 2020 bearing file No. SIAMH/MIS/134513/2020. The copies of the clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the Website of the Department of Environment, Government of Maharashtra at <http://www.ecmpcb.gov.in>

M/s. Vilas Javdekar Eco Shelters Pvt Ltd

### PUBLIC NOTICE

The General Public is hereby informed that Punjab National Bank Saved Branch, Preetan Chowk, Savadi Ahmednagar has sanctioned loan to M/s. S.A. Enterprises through its Prop. Amit Lodha for which Mr. Amit Lodha has executed Mortgage deed of its Property mentioned in schedule hereunder within.

That as per the instruction from Mr. Amit Lodha certain Title Deeds of the said property are being missing and not found. Details of the documents is as under:

S/N/O.	Description	R.U.S. NO. & Date	Parties
1.	LEASE AND LICENSE AGREEMENT	2852/2005 ANN-2	M/S S.A. ENTERPRISES, PARTNERS HARSHAD GUGALE, AMIT LODHA, PRAGHAWI MUTHA AND NEHA MUTHA AND MDC
2.	LEASE DEED	818/2005 ANN-2	M/S S.A. ENTERPRISES, PARTNERS HARSHAD GUGALE, AMIT LODHA, PRAGHAWI MUTHA AND NEHA MUTHA AND MDC

The above mentioned documents are said to be missing by the party and not found if anybody is having any objection, claim, interest, dispute in the above intended sale transaction, he/she/they may contact the undersigned with the documentary proof substantiating his/her claim/objection/details of dispute within Seven (7) days from the date of the publication, failing which, my client will proceed to complete the sale transaction with the above owner as if there are no third party claims / objections / disputes in respect of the Scheduled Property and thereafter no claims / objections / disputes will be entertained.

Any person claiming any interest or title in the property or otherwise having any objection can make representation to the bank within 7 days of such notice. Further view with regard to acceptance of mortgage can be taken after ascertaining the objection received, if any.

#### SCHEDULE OF PROPERTY

All that part and parcels of Industrial Plot No. P-44, Block No. P having Plot area etc. 800.00 Sq.mts and construction made thereon of 399.21 Sq.mts situated at Village Hinbulak M/sr, Tal. Nagar, Dist. Ahmednagar is bounded as under:-

East	MDC OPEN SPACE	West	MDC ROAD
South	PLOT NO. P-43	North	PLOT NO. P-45

Ahmednagar: (Anand C. Mandhare) (Shakti A. Mandhare)  
Date: 18 May 2022 Advocate Advocate

### PUBLIC NOTICE

NOTICE is hereby given that Mr. Vijay Jagannath Kapoor is the owner of the property described in the schedule hereunder. Mr. Vijay Jagannath Kapoor is negotiating with my client, for sale the said property. That I been asked by the owner to investigate the title of the said property and the owner has assured that the said property is free from encumbrances and he has clear and marketable title to the same. Any person's having any claim, right or interest or charge of any nature in the said Property or any part thereof by way of sale, exchange, mortgage, charge, gift, trust, inheritance, lease, ten or otherwise howsoever are hereby requested to inform the undersigned in writing, together with supporting documents in evidence within 15 days from the date of publication of this notice, at the address given below, failing which the claims or demands, if any, of such persons will be deemed to have been abandoned, surrendered, relinquished, released waived and given up it shall be presumed that the said Property is free from encumbrances and thereafter no claim of any nature shall be entertained or be binding on the said Property.

#### SCHEDULE

##### DESCRIPTION OF THE SAID PROPERTY

All that piece and parcel of land admeasuring 10.11 Ares i.e. 1011 Sq. Mtrs which is formed out and forming part of land bearing City Survey Nos. 1215 (part) and 1202 (part), (formerly bearing Survey No. 84 Bissa No. 38/B), situated at Mundhwa, Pune within the limits of Pune Municipal Corporation and within the Registration Sub - District of Taluka Pune City, District Pune and bounded as follows:  
On or towards the East - Existing Internal 12 Meter wide road  
On or towards the West - Adjacent CTS No. 1217, Mundhwa  
On or towards the North - Part of Survey No. 84 CTS no. 1215 Mundhwa & Part of Survey No. 87 CTS No. 1202, Mundhwa  
On or towards the South - Part of CTS No. 1216, 1208, 1203, 1217 & 1192 Mundhwa.

Pune, Date: 18/05/2022

Advocate Mayuresh S. Kulkarni

Office No. 208, Mantri House, 929, F. C. Road, Shivaji Nagar Pune - 411004. Mob. : 9850617718.







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Report No:- GCI/V/Lab/EM-SP/22-23/NOV-00/1063

Date: 17/11/2022

## ANALYSIS REPORT

Client details		Sample Details	
Name	'Yashwin Anand' by Vilas Javdekar and Sanjeevani Developers LLP.	Sample Code	GCI/V/22/K2/VJSD/AA1
Address	Mauje Sus, Taluka Mulshi, Dist. Pune, Maharashtra	Location	NEAR SECURITY GATE
		Date of Sampling	10/11/2022
Sampling Done By	MR KARTIK	Date of Sample Received	11/11/2022
Analysis Starts On	11/11/2022	Sampling Instrument	RDS, FPS
Analysis Completion On	16/11/2022	Sampling Method	IS 5182 : Part 5 : 1975

## AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	366.8	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	28.9	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	20.6	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	22.4	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	0.56	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	15.6	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.1)	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL (<1)	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL (<1)	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	400	NAAQS Guidelines
11	Benzene, C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL (<0.01)	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene	ng/m <sup>3</sup>	BDL (<0.1)	1.0	Gas Chromatography



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Date: 17/11/2022

## ANALYSIS REPORT

Client details		Sample Details	
Name	Yashwin Anand by Vilas Javdekar and Sanjeevani Developers LLP.	Sample Code	GCI/V/22/K2/VJSD/AA2
Address	Mauje Sus, Taluka Mulshi, Dist. Pune, Maharashtra	Location	SOUTHWEST CORNER OF SITE
		Date of Sampling	10/11/2022
Sampling Done By	MR KARTIK	Date of Sample Received	11/11/2022
Analysis Starts On	11/11/2022	Sampling Instrument	RDS, FPS
Analysis Completion On	16/11/2022	Sampling Method	IS 5182 : Part 5 : 1975

## AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	61.6	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	28.9	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	19.6	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	25.2	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	0.48	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	16.5	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.1)	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL (<1)	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL (<1)	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	400	NAAQS Guidelines
11	Benzene, C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL (<0.01)	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene	ng/m <sup>3</sup>	BDL (<0.1)	1.0	Gas Chromatography



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Report No:- GCI/V/Lab/EM-SP/22-23/NOV-00/1063

Date: 17/11/2022

## ANALYSIS REPORT

Client details		Sample Details	
Name	Yashwin Anand by Vilas Javdekar and Sanjeevani Developers LLP.	Sample Code	GCI/V/22/K2/VJSD/AA3
Address	Mauje Sus, Taluka Mulshi, Dist. Pune, Maharashtra	Location	NORTHEAST CORNER OF SITE
		Date of Sampling	10/11/2022
Sampling Done By	MR KARTIK	Date of Sample Received	11/11/2022
Analysis Starts On	11/11/2022	Sampling Instrument	RDS, FPS
Analysis Completion On	16/11/2022	Sampling Method	IS 5182 : Part 5 : 1975

## AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	59.4	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	33.1	60	NAAQS Guidelines
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	22.6	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	28.3	80	IS 5182 : Part 6 : 2006
5.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.50	2.0	IS 5182 : Part 10 : 1999
6.	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	22.9	100	NAAQS Guidelines
7.	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.1)	1.0	NAAQS Guidelines
8.	Nickel as Ni	ng/m <sup>3</sup>	BDL (<1)	20	NAAQS Guidelines
9.	Arsenic as As	ng/m <sup>3</sup>	BDL (<1)	6.0	NAAQS Guidelines
10.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	400	NAAQS Guidelines
11.	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL(<0.01)	5.0	IS 5182 (Part 11):2006
12.	Benzo (a) Pyrene	ng/m <sup>3</sup>	BDL (<0.1)	1.0	Gas Chromatography



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Date: 17/11/2022

## ANALYSIS REPORT

Client Details		Sample Details	
Name	Yashwin Anand by Vilas Javdekar and Sanjeevani Developers LLP.	Sample Code	GCI/V/22/K2/VJSD/N1-N3
Address	Mauje Sus, Taluka Mulshi, Dist. Pune, Maharashtra	Location	As per table
		Quantity	NA
		Date of Measurement	10/11/2022
		Sampling Instrument	Sound Level Meter (HTC/SL-1352)
Measurement Done By	MR KARTIK	Sampling Method	HTC/SL-1352 Inst. Manual

## NOISE MONITORING RESULTS

Sr. No.	Location Name	Units	Day Time		Night Time	
			Results	MPCB Permissible Limit	Results	MPCB Permissible Limit
1.	Near Security Gate	dB (A)	51.5	55	37.6	45
2.	Southwest Corner of the Site	dB (A)	48.7	55	36.4	45
3.	Northeast Corner of the Site	dB (A)	53.3	55	38.7	45

**Limits:** Maharashtra pollution Control Board has prescribed 55dB (A) as an upper limit of noise level during day time and 45 dB (A) During night time for residential area.



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Date: 17/11/2022

## ANALYSIS REPORT

Client Details		Sample Details	
Name	Yashwin Anand by Vilas Javdekar and Sanjeevani Developers LLP.	Sample Code	GCI/V/22/K2/VJSD/S1
Address	Mauje Sus, Taluka Mulshi, Dist. Pune, Maharashtra	Location	SOIL – GREEN BELT AREA
		Quantity	2.0 kg
Sampling Done By	MR KARTIK	Date of Sampling	10/11/2022
Analysis Starts on	11/11/2022		
Analysis Completion On	16/11/2022	Sample Received Date	11/11/2022

## SOIL ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Test Procedure
1	pH (1:5 Soil Suspension)	-	6.8	IS 2720 (Part 26):1987
2	Electrical Conductivity (1:5 Soil Suspension)	mS/cm	0.44	EPA Method 9045
3	Total Nitrogen as N	mg/kg	56.6	Kjeldahl Method
4	Phosphate as P	mg/kg	55.9	Olsen Method
5	Potassium as K	mg/kg	230	EPA 3050 B
6	Exchangeable Calcium as Ca	meq/100 g	12.8	EPA 3050 B
7	Exchangeable Magnesium as Mg	meq/100 g	18.4	EPA3050 B
8	Exchangeable Sodium as Na	meq/100 g	0.90	EPA3050 B
9	Organic Matter	%	1.76	Walkey and Black Method
10	Texture	-	Sandy Clay	Robinson Pipette Method

BDL =Below Detectable Limit

DL =Detectable Limit



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Date: 17/11/2022

## ANALYSIS REPORT

Client Details		Sample Details	
Name	Yashwin Anand by Vilas Javdekar and Sanjeevani Developers LLP.	Sample Code	GCI/V/22/K2/VJSD/DW1
Address	Mauje Sus, Taluka Mulshi, Dist. Pune, Maharashtra	Location	Municipal Water at Project Site
		Quantity	2000 ml
Sampling Done By	MR KARTIK	Date of Sampling	10/11/2022
Analysis Starts on	11/11/2022	Sampling Method	APHA 1060
Analysis Completion On	16/11/2022	Sample Received Date	11/11/2022

## DRINKING WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Permissible Limit as per IS 10500-2012	Reference Method
1	Colour	Hazen	Nil	5	APHA 22nd EDITION
2	Odour	-	No Odour	Unobjectionable	APHA 22nd EDITION
3	Taste	-	Agreeable	Agreeable	APHA 22nd EDITION
4	Turbidity	NTU	BDL(<0.5)	1	IS : 3025 Part 10-1984 (Reaff: 2002)
5	pH at 25 °C	-	6.4	6.5-8.5	IS : 3025 Part 11- 1983 (Reaff:2002)
6	Total Dissolved Solids	mg/l	226	500	IS : 3025 Part 16-1984 (Reaff:2003)
7	Total Alkalinity as CaCO <sub>3</sub>	mg/l	118	200	IS : 3025 Part 23- 986(Reaff:2003)
8	Total Hardness as CaCO <sub>3</sub>	mg/l	89	200	IS : 3025 Part 21-2009
9	Calcium as Ca	mg/l	45	75	IS : 3025 Part 40-1991 (Reaff:2003)
10	Magnesium as Mg	mg/l	26	30	APHA 22nd EDITION-3500 Mg-B
11	Chloride as Cl <sup>-</sup>	mg/l	98	250	IS : 3025 Part 32-1988 (Reaff:2003)
12	Sulphate as SO <sub>4</sub>	mg/l	76	200	APHA 22nd EDN-4500- SO <sub>4</sub> <sup>2-</sup> E
13	Nitrate as NO <sub>3</sub>	mg/l	29	45	APHA 22nd EDN -4500- NO <sub>3</sub> <sup>-</sup> B
14	Iron as Fe	mg/l	0.17	0.30	IS : 3025 Part 53-2003
15	Manganese as Mn	mg/l	BDL (<0.02)	0.10	APHA 22nd EDN -3500-Mn D
16	Fluoride as F	mg/l	0.46	1.00	APHA 22nd EDN -4500-F B&D
17	Lead as Pb	mg/l	BDL (<0.03)	0.05	IS:3025 Part 47 (Reaff:2003)
18	Copper as Cu	mg/l	BDL	0.05	IS:3025 Part 42 (Reaff:2003)

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			(<0.03)		
19	Zinc as Zn	mg/l	0.95	5.00	IS:3025 Part:49 (Reaff:2003)
20	Hexavalent Chromium as Cr <sup>6+</sup>	mg/l	BDL (<0.03)	0.05	IS:3025 Part:37 (Reaff:2003)
21	Residual Free Chlorine as Cl <sub>2</sub>	mg/l	BDL (<0.10)	0.20	APHA 22nd EDN -4500-Cl B
22	Cadmium as Cd	mg/l	BDL (<0.03)	0.003	IS:3025 Part 48(Reaff:2003)
23	Aluminum	mg/l	BDL (<0.03)	0.03	IS:3025 Part:55 (Reaff:2003)

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Report No :- GCI/V/Lab/EM-SP/22-23/NOV-00/1063

Date: 17/11/2022

## ANALYSIS REPORT

Client Details		Sample Details	
<b>Name</b>	'Yashwin Anand' by Vilas Javdekar and Sanjeevani Developers LLP.	<b>Sample Code</b>	GCI/V/22/K2/VJSD/WW1
<b>Address</b>	Mauje Sus, Taluka Mulshi, Dist. Pune, Maharashtra	<b>Location</b>	Outlet sample of STP
<b>Sampling Done By</b>	MR KARTIK	<b>Date of Sampling</b>	10/11/2022
<b>Analysis Starts on</b>	11/11/2022	<b>Sampling Method</b>	APHA 1060
<b>Analysis Completion On</b>	16/11/2022	<b>Sample Received Date</b>	11/11/2022

## TREATED WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Concentration not to be exceeded	Reference Method
1	pH at 25 °C	-	7.8	6.5-9.0	IS 3025 (Part 11) (1983)
2	BOD (3 days @ 27°C)	Mg/l	9.4	10	IS 3025 part 44 (1993 Reaffirmed 2003)
3	Total Suspended Solids	Mg/l	8.2	<20	APHA 2540 D (22nd Edition)
4	COD	Mg/l	47	50	USEPA 410.4
5	Oil & Grease	Mg/l	5.4	NS	IS 3025 (Part 39) (1991)

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## ANALYSIS REPORT

Client Details		Sample Details	
Name	'Yashwin Anand' by Vilas Javdekar and Sanjeevani Developers LLP.	Sample Code	GCI/V/22/K2/VJSD/M1
Address	Mauje Sus, Taluka Mulshi, Dist. Pune, Maharashtra	Location	Manure from OWC
Sampling Done By	MR KARTIK	Date of Sampling	10/11/2022
Analysis Starts on	11/11/2022		
Analysis Completion On	16/11/2022	Sample Received Date	11/11/2022

## MANURE ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Limits as per FCO	Test Procedure
1	pH	-	7.5	6.5-7.5	IS 2720 (Part 26):1987
2	Moisture		26.5	<25	
3	Colour		Blackish Brown	Dark brown to Black	
4	Odour		Absence of Foul Smell	Absence of Foul smell	
5	Bulk Density		0.49	<1.0	
6	Total Organic Carbon		22.6	>14.0	
7	Total Nitrogen as N	mg/kg	1.7	>0.8	Kjeldahl Method
8	Phosphate as P	mg/kg	0.5	>0.4	Olsen Method
9	Potassium as K	mg/kg	0.7	>0.4	EPA 3050 B
10	C:N ratio		17.2	<20:1	
11	Particle Size		82 % pass through 4mm Sieve	Min 90% material pass through 4mm IS sieve	



Authorized Signatory

- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.

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