

Date: 07th December, 2023

To,
The Additional Director (S),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur,
Maharashtra-440001.

Sub.: Submission of environmental clearance compliance report (April 2023 to September 2023) for Residential and Commercial project - Proposed "Purva Aspire" for Blocks E and F at survey No.37/1B+37/2/2/1 to 3+5 at Bavdhan, Tal- Haveli, Dist.-Pune.

Ref: EC file no. SEIAA-EC-0000002136 dated February 28, 2020

Respected Sir,

With reference to the above subject, we are submitting the current Status of our construction work, data sheet, monitoring report and point wise environmental clearance compliance status to various stipulations laid down by the State Level Environment Impact Assessment Authority, Maharashtra in its clearance letter SEIAA-EC-0000002136 along with the necessary enclosures.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,
Yours Sincerely,

For Puravankara Limited.

Authorized Signatory



Encl.:

- Part A: Current Status of Construction Work
- Part B: Point wise compliance status.
- Part C: Enclosures

PURAVANKARA LIMITED

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AN ISO 9001 COMPANY

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PART A**CURRENT STATUS OF THE PROJECT**

Environmental Clearance has been received from SEIAA, Govt. of Maharashtra having file no. SEAC-III/CR-272/TC-3 dated 18th July, 2016 for Siddharth Properties for A, B, C, D, E, F & G building.

Part construction has been done. Satin Hill - Block A, B, C, D1 & D2 has been completed by Siddharth Properties

The construction area is about 14,105.62 m². (Architect Certificate attached for your reference)

Joint Venture and Development Agreement between Siddharth properties and Puravankara Limited, they have applied and received amendment in FC having file no SEIAA-EC-000002136 dated 28.02.2020 from SEIAA Maharashtra.

2 building:

- **E Building:** 5th floor completed & 6th in progress.
- **F Building:** 3rd completed & 4th in progress.

PART B

POINT WISE COMPLIANCE STATUS

PART B

2. Point wise compliance status to various stipulations laid down by the State Level Environment Impact Assessment Authority, Govt. of Maharashtra in its clearance letter No. SEIAA-EC-000002136 dated 28th February, 2020 are as follows:

Sr. no	EC condition	Reply
Specific Conditions:		
I	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.	Yes, we have submitted the CER activity details to Municipal Commissioner and District Collector and its acknowledgment copies submitted in previous report (i.e. June 2020).
II	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF&CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Yes will comply
III	SEIAA decided to grant EC for – FSI: 34169.36 m ² , Non-FSI:19131.58 m ² and Total BUA:53600.94 m ² (Plan Approval no-CC/1500/19, Date-05.10.2019)	Yes, we have received the sanctioned for total project.
General Conditions:		
(I)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Noted
(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.	Will comply. Project is under construction.
(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.	There are no eco-sensitive zones within (within the 10 kms of the project) the project proximity.
(iv)	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Noted
(v)	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban	Height, built up area of construction is accordance with the FSI /FAR norms. We have received sanctioned from

Sr. no	EC condition	Reply
	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.	PMC- CC/1509/19 dated 5/10/2019 for Proposed Built up area (as per FSI) FSI area – 34,469.36 m ² Non FSI area – 19,131.58 m ² Total Built up area – 53,600.94 m ²
(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.	Complied. Consent to Establish Consent Order No.: Format 1.0/BO/ROHQ/CE/CC-9778 dated 12.08.2016 Consent to Establish (Revalidation) Order No.: Format 1.0 / CC / UAN No.0000116522 / CE / 2202001257 dated 20.02.2022. Please refer Enclosure no. III
(vii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	<ul style="list-style-type: none"> ➤ All necessary facilities have been provided to construction workers. ➤ Site sanitation like Tanker water of potable quality for domestic purpose and Tanker water for construction purpose, provision of toilet, bathroom, First Aid and periodical medical checkup facilities have been provided.
(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.	<ul style="list-style-type: none"> ➤ All necessary facilities have been provided to construction workers. ➤ Site sanitation like safe & adequate Municipal water for domestic purpose and Tanker water for construction purpose, provision of toilet, bathroom, First Aid and periodical medical checkup facilities have been provided.
(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.	Complied, Solid waste generated by workers is being disposed daily to authorized collection system.
(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	Precautionary measures are being taken for disposal of muck during construction.

Sr. no	EC condition	Reply
	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.	Noted. Will provide the proper provision for separate pipe line for storm water & waste water.
(xii)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	All the topsoil material will be utilized on landscape purpose.
(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.	Excavated soil will be used for land backfilling within in project site.
(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.	Will Comply, will Provide the RG Area and Tree plantation as per rules/ norms
(xv)	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Please refer Enclosure no. IV No any extraction of ground water on site.
(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.	Noted
(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.	As per the consent granted by MPCB, not generated any hazardous waste.
(xviii)	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	Noted
(xix)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority	There will no need to store diesel on site.

Sr. no	EC condition	Reply
	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.	<ul style="list-style-type: none"> ➤ Vehicles having valid PUC certificates have been allowed to enter the project site for bringing construction material. ➤ Records of PUC certificates have maintained at security gate.
(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.	During construction adequate measures have been taken to maintain ambient air and noise quality within the prescribed limits. Copy of the same is attached as an Enclosure – IV.
(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 27 th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Noted
(xxiii)	Ready mixed concrete must be used in building construction.	Ready mix concrete is being used for building construction.
(xxiv)	Storm water control and its re-use as per CGWB and BIS standards for various applications	<ul style="list-style-type: none"> ➤ Proper management of channelization of storm water from site by using proper internal SWD system and discharge points of adequate capacity. ➤ Use of screens and silt traps to SWD. ➤ Proper maintenance of storm water drainage to avoid choking of drains and flooding on sit.
(xxv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Noted.
(xxvi)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	No any extraction of ground water on site.
(xxvii)	The installation of the Sewage Treatment Plant (STP) should be certified by an	➤ Sewage will be treated in two Sewage Treatment Plants of capacity

Sr. no	EC condition	Reply
	independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled / refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	75 KLD & 160 KLD each. ➤ Treated sewage will be reused for flushing and gardening. Excess treated sewage shall be disposed to sewer line.
(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.	No extraction of ground water for construction purpose also we are not planning to withdraw ground water for any purpose in future.
(xxix)	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Noted, Dual plumbing line for separation of gray and black water will be proposed.
(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.	Provision of Low flow fixtures for the showers and toilet flushing.
(xxxii)	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Noted
(xxxiii)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Agree with the condition. Roof will be designed as per RCC consultant.
(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.	Noted Energy conservation measures like will be in operation phase ➤ Solar street light fitting pole light on road side ➤ Energy saving by solar hot water system

Sr. no	EC condition	Reply
	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.	➤ LED lamp & fitting for common area
(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.	➤ Provision of DG set as per CPCB guidelines during operation phase: 1 DG set of 82.5 kVA and 1 DG set of 320 kVA
(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.	Noted, All precautions for noise abatement will be taken at the time of the construction activities.
(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.	Noted We will plan accordingly, so internal parking will not affect the existing movement.
(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.	Agreed and comply with.
(xxxviii)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Adequate distance has been provided between buildings to allow movement of fresh air and passage of natural light, air and ventilation.
(xxxix)	Regular supervision of the above and other	Regular supervision of the above

Sr. no	EC condition	Reply
	measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	measures is being monitored by competent person.
(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.	Noted
(xli)	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Complied, We are submitting six monthly reports regularly along with necessary documents.
(xlii)	Project proponent shall ensure completion of STP, MSW dicpocal faoility, groon bolt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing exocoo treated water in the adjaocnt arca 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.	Agree and complying with. <ul style="list-style-type: none"> ➤ Sewage will be treated In two Sewage Treatment Plants of capacity 75 KLD & 160 KLD each. ➤ OWC of adequate capacity will be provided. ➤ RG area will be developed over an area of 2828.07 sq. meters
(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.	<ul style="list-style-type: none"> ➤ OWC of adequate capacity will be provided. ➤ Treated waste will be utilized within the premises for gardening.
(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.	A complete set of all the documents has been submitted to MPCB.
(xlvi)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Noted

Sr. no	EC condition	Reply
(xlvii)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	<ul style="list-style-type: none"> ➤ A separate Environment Management Cell has been established under Project Engineer and qualified supervisors. ➤ Environment quality is being monitored through MoEF & CC approved laboratory.
(xlviii)	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	<p>We are submitting herewith funds allocated for Environmental Managemnet Plan (EMP)</p> <p>During Construction phase: Total Cost: 16.85 Lakhs</p> <p>During operational Phase: Set up cost: 203.04 Lakhs O & M cost : 21.722 Lakhs/annum</p>
(xlix)	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in .	<p>Complied.</p> <p>Advertisement has been published in Local Marathi News Paper "Prabhat" and Local English newspaper "Sakal Times" dated 03.03.2020. Its copy is submitted in previous report (i.e. June 2020)</p>
(I)	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1 st December of each calendar year.	<p>Complied,</p> <p>We are submitting six monthly reports regularly along with necessary documents.</p>
(II)	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Will comply
(lii)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their	Noted.

Sr. no	EC condition	Reply
	website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
(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.	Yes, we have submitted six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data to Regional Office of MoEF&CC and the respective Zonal Office of the SPCB
(liv)	The environmental statement for each financial year ending 31 st 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.	Complied. Environmental statement report (Form V) for financial year (2022-2023) was submitted on 04.09.2023 to the Maharashtra Pollution Control Board. Copy of the same is attached as an Enclosure – V.
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	Noted.

Sr. no	EC condition	Reply
	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.	Noted.
7. 8.	<p>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.</p> <p>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.</p>	<p>Noted. EC received on 28th February, 2020 and valid up to 7 years. i.e. 28th February, 2027 Please refer Enclosure II.</p> <p>Noted</p>
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 Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1 st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

PART C: ENCLOSURES

ENCLOSURE NO.	ENCLOSURES NAME
ENCLOSURE NO. I	DATA SHEET
ENCLOSURE NO. II	COPY OF ENVIRONMENTAL CLEARANCE
ENCLOSURE NO. III	COPY OF CONSENT TO ESTABLISH
ENCLOSURE NO. IV	ENVIRONMENTAL MONITORING REPORT
ENCLOSURE NO. V	ENVIRONMENTAL STATEMENT 2022-2023

ENCLOSURE NO. I

DATA SHEET

Monitoring the Implementation of Environmental Safeguards
Ministry of Environment, Forest and Climate Change
Integrated Regional Office, Nagpur

DATA SHEET

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Residential and Commercial project at Survey No. 37/1B+37/2/2/1 to 3+5 at Bavdhan, Tal- Haveli, Dist- Pune,- Satin Hill project Block A, B, C, D1 & D2 and G by Siddharth Properties and Proposed "Purva Aspire" for Blocks E and F by Puravankara Limited, and EC Received from SEIAA, Govt. of Maharashtra having file no. SEAC-III/CR-272/TC-3 dated 18th July, 2016 and Amendment in EC received from Environment Department dated 28 th February, 2020.
2.	Name of the project	:	Proposed "Purva Aspire" for Blocks E and F by Puravankara Limited
3.	Clearance letter (s) / OM No. and Date	:	Amendment in EC received from Environment Department having file no. SEIAA-EC-0000002136 dated 28 th February, 2020.
4.	Location	:	
	a. District (S)	:	Pune
	b. State (s)	:	Maharashtra
	c. Latitude/ Longitude	:	Latitude - 18°30'10.06"N Longitude - 73°46'16.08"E
5.	Address for correspondence	:	
	a. Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	Deepak Sundaram Puravankara Limited Purva Aspire Behind Saarthi Satin Hills, Near Ambrosia Resorts, Bavdhan (Kh.) Pune 411021
	b. Address of Executive Project: Manager (with pincode/ Fax numbers)	:	Vishwajeet R. Desai Puravankara Limited Purva Aspire Behind Saarthi Satin Hills, Near Ambrosia Resorts, Bavdhan (Kh.) Pune 411021

6.	Salient features of the project		:	
	a.	Salient features of the project	:	It is Residential and Commercial project. The design of this project and utilities is thoroughly planned with the objectives of providing facilities to the people and keeping the mind on sustainable developments.
	b.	of the environmental management plans	:	<ul style="list-style-type: none"> ➤ Sewage Treatment Plant (STP): The project will provide the provision of Sewage Treatment Plant 75 KLD and 160 CMD for treating waste water. ➤ Rain water harvesting: We have proposed 8 nos. of recharge pits. ➤ Solid waste Management: OWC will be provided for treatment of biodegradable waste prior to occupation. Non-biodegradable waste will be handed over to SWACH for further treatment.
7.	Break up of the project area		:	
	a.	submergence area forest & non-forest	:	Non forest
	b.	Others	:	Total Plot Area (sq.m) : 28750 Deduction area (sq.m) : 4712 Net Plot Area (sq.m) : 24038 Proposed Total BUA (sq.m): 53600.94
8.	Break up of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan		:	Not applicable
	a.	SC, ST/Adivasis	:	Not Applicable
	b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, if a Survey is carried out give details And years of survey)	:	Not Applicable
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference :		
	1.	Total Cost of the Project	:	Rs.105 Cr/-

	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	We are submitting herewith funds allocated for Environmental Management Plan (EMP) During Construction phase:
	c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	Total Cost: 16.85 Lakhs During operational Phase: Set up Cost: 203.04 Lakhs O & M coat : 21.722 Lakhs/annum
	d.	Whether (c) includes the cost of environmental management as shown in the above.	:	
	e.	Actual expenditure incurred on the project so far	:	--
	f.	Actual expenditure incurred on the environmental management plans so far	:	--
10.		Forest land requirement	:	
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	o.	The status of compensatory afforestation, if any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.		The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	:	--
12.		Status of construction	:	Please refer "Part A"
	a.	Date of commencement (Actual and/or planned)	:	01/02/2021
	b.	Date of completion (Actual and/or planned)	:	30/09/2024
13.		Reasons for the delay if the Project is yet to start	:	Not applicable
14.		Dates of site visits	:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	Not yet visited till date.
	b.	Date of site visit for this monitoring report	:	--
15.		Details of correspondence with Project authorities for obtaining Action	:	Not applicable

M/s. Puravankara Limited

"Purva Aspire" at Bavdhan, Tal- Haveli, Dist- Pune

	plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits)		
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	:	-

ENCLOSURE NO. II

COPY OF ENVIRONMENTAL CLEARANCE



सत्यमेव जयते

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: February 28, 2020

To,
Joint Venture and Development Agreement between Siddharth properties - Mr. Swapnil Shende - Director, office at 501, Eden Hall Opp Om Super Market, Model Colony, Shivajinagar, Pune - 411016 and Puravankara Limited (formerly Puravankara Projects Limited) - Mr. Sujit More, Sr. Vice President, office at Level 8, 804/A, B-Wing, The Capital, G Block, Bandra Kurla Complex, Mumbai 400051
at Survey No. 37/1B+37/2/2/1 to 3+5 at Bavdhan, Tal- Haveli, Dist- Pune

Subject: Environment Clearance for Application for the Expansion-Amendment in EC Residential and Commercial project at Survey No. 37/1B+37/2/2/1 to 3+5 at Bavdhan, Tal- Haveli, Dist- Pune, Satin Hill project Block A, B, C, D1 & D2 and G by Siddharth Properties and Proposed "Purva Aspire" for Blocks E and F by Puravankara Limited

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 100th 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 189th meetings.


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

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

1.Name of Project	Application for the Expansion-Amendment in EC - Residential and Commercial project project at Survey No. 37/1B+37/2/2/1 to 3+5 at Bavdhan, Tal- Haveli, Dist- Pune,- Satin Hill project Block A, B, C, D1 & D2 and G by Siddharth Properties and Proposed "Purva Aspire" for Blocks E and F by Puravankara Limited, and EC Received from SEIAA, Govt. of Maharashtra having file no. SEAC-III/CR-272/TC-3 dated 18th July, 2016
2.Type of institution	Private
3.Name of Project Proponent	Joint Venture and Development Agreement between Siddharth properties - Mr. Swapnil Shende - Director, office at 501, Eden Hall Opp Om Super Market, Model Colony, Shivajinagar, Pune - 411016 and Puravankara Limited (formerly Puravankara Projects Limited) - Mr. Sujit More, Sr. Vice President, office at Level 8, 804/A, B-Wing, The Capital, G Block, Bandra Kurla Complex, Mumbai 400051
4.Name of Consultant	Ultra-Tech (Environmental Consultancy & Laboratory) - NABET/EIA/1720/RA0094
5.Type of project	Residential and Commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project - Amendment in EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, EC Received from SEIAA, Govt. of Maharashtra having file no. SEAC-III/CR-272/TC-3 dated 18th July, 2016 for plot area 28,750 m2, FSI area 32,111.06 m2 and Non FSI area 31,456.94 m2 and total builtup area 63,568 m2
8.Location of the project	Survey No. 37/1B+37/2/2/1 to 3+5 at Bavdhan, Tal Haveli, Dist Pune
9.Taluka	Haveli
10.Village	Bhavdhan
Correspondence Name:	Mr. Swapnil Shende - Director , Siddharth Properties and Mr. Sujit More, Sr. Vice President, Puravankara Limited

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Room Number:	Siddharth Properties, 501, Eden Hall Opp Om Super Market, Model Colony, Shivajinagar, Pune - 411016 and Puravankara Limited (formerly Puravankara Projects Limited) Level 8, 804/A, B-Wing, The Capital, G Block, Bandra Kurla Complex, Mumbai 400051
Floor:	Provided
Building Name:	Provided
Road/Street Name:	Provided
Locality:	Provided
City:	Pune
11. Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12. IOD/IOA/Concession/Plan Approval Number	Yes, CC/1509/19 dated 5/10/2019 IOD/IOA/Concession/Plan Approval Number: Yes, CC/1509/19 dated 5/10/2019 Approved Built-up Area: 53600.94
13. Note on the initiated work (If applicable)	We have completed the construction area is about 14105.62 m2 (building A, B, C D1 & D2) and included services as per received EC.
14. LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15. Total Plot Area (sq. m.)	20730
16. Deductions	4712 m2
17. Net Plot area	24038 m2
18 (a). Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 34469.36 m2 Non FSI area (sq. m.): 19131.58 m2 Total BUA area (sq. m.): 53600.94
18 (b). Approved Built up area as per DCR	Approved FSI area (sq. m.): FSI - 34530.80 m2, TDR - 25,564.20 m2 and total FSI including paid TDR is 60,095 m2 Approved Non FSI area (sq. m.): 19131.58 m2 Date of Approval: 05 10 2019
19. Total ground coverage (m2)	8,571 m2
20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35.71%
21. Estimated cost of the project	1050000000

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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

Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	186
	Recycled water - Flushing (CMD):	85
	Recycled water - Gardening (CMD):	42
	Swimming pool make up (Cum):	8
	Total Water Requirement (CMD) :	313
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	60,000
	Excess treated water	109
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	186
	Recycled water - Flushing (CMD):	85
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	8
	Total Water Requirement (CMD) :	271
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	60,000
	Excess treated water	152

<p>Details of Swimming pool (If any)</p>	<p>Dimension of Swimming Pool: : 15.30 m x 7.50 m x 1.20 m and 3.00 m x 7.50 m x 0.60 m Total water Requirement in KLD: 137.70 + 13.53 = 151.23 cu.m. Water requirement for make up in KLD: 8 Details of Plant & Machinery used for treatment of Swimming pool water: Totally Anticorrosive Filter with Multiport Valve, Plastic body pump with Strainer, Chemical Dosing System, All Pool Basin Equipment's like Inlet Nozzles, Drain Suction Nozzles, Skimmers/Overflow Grating, Pool SS Ladders, Under water Lights with S Junction Boxes & Transformers & all Pool Cleaning Equipment's Details of quality to be achieved for swimming pool water and parameters to be monitored: 1 Free Chlorine for Pvt. pools 1.5 ppm (mg/liters) 2 Super Chlorination (when needed) Between 3.0 to 5.0 ppm 3 Shock Treatment (when needed Between 8.0 to 10.0 ppm 4 pH 7.2 to 7.6 5 Total Alkalinity 80 to 120 ppm 6 Calcium hardness 200 ppm 7 Total dissolved Solids Less than 1500 ppm 8 Cynuric Acid (Stabilizer) Less than 100 ppm Capital Cost : Rs. 25 Lacs O & M cost : Rs.1.8 Lacs/annum</p>
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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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 20 to 30 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	8 no. and Recharge Bores 4 no.
	Size of recharge pits :	0.9 m x 1.8 m x 1 m
	Budgetary allocation (Capital cost) :	Rs.2.70 Lakh
	Budgetary allocation (O & M cost) :	Rs.0.012 Lakh/annum
	Details of UGT tanks if any :	Domestic UG tank Capacity: 130 and 260 CMD Flushing UC tank Capacity: 15 CMD Fire UG tank Capacity: 300 CMD

26.Storm water drainage	Natural water drainage pattern:	Sloping from NS to EW Direction
	Quantity of storm water:	15837 m ³
	Size of SWD:	200 mm to 450 mm

27.Sewage and Waste water	Sewage generation in KLD:	236
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. x 75 CMD, 1 no. x 160 CMD
	Location & area of the STP:	Near Entrance and STP 1 : 75 CMD & area is 50 m ² , STP 2 : 160 CMD & area is 150-160 m ²
	Budgetary allocation (Capital cost):	Rs.60 Lakh
	Budgetary allocation (O & M cost):	Rs.7.70 Lakh/year

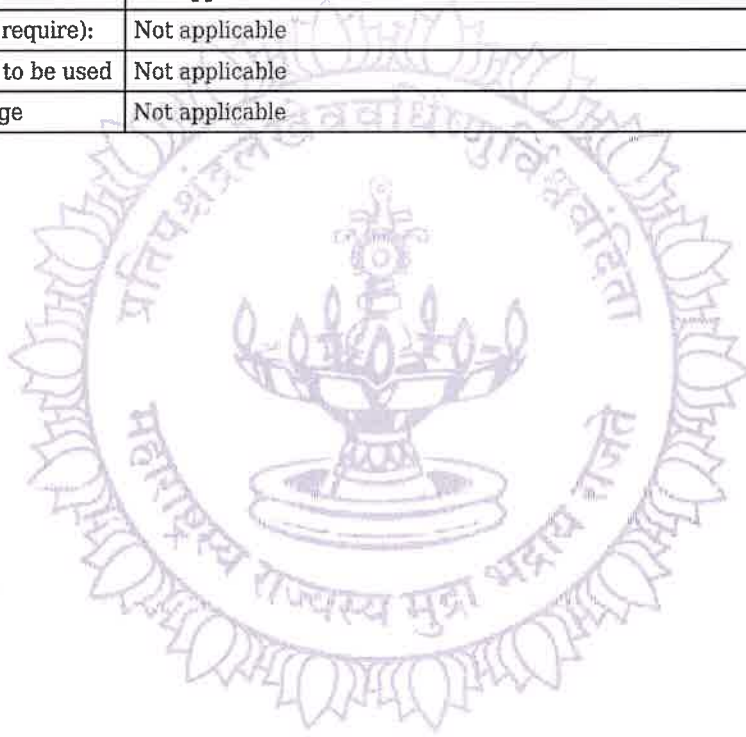
28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	During construction : 25 kg/day
	Disposal of the construction waste debris:	(Including Existing + proposed) Excavation debris 8490 m3 and Topsoil to be preserved & remaining will be used for back filling
Waste generation in the operation Phase:	Dry waste:	383 kg/day
	Wet waste:	552 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	30 kg/day approx
	Others if any:	E Waste : 2.94 kg/day
Mode of Disposal of waste:	Dry waste:	Handed over to authorized recyclers
	Wet waste:	Vermin composting and Smart Organic waste composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	E waste : Handed over to authorized recyclers
Area requirement:	Location(s):	Near proposed E building & existing A4 bungalow
	Area for the storage of waste & other material:	13.5 m2
	Area for machinery:	45 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.16.75 Lakhs
	O & M cost:	Rs.3.30 Lakhs/Annum

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29.Effluent Charecterestics

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



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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	3 no. of DG set - Stack	Diesel and 75 lit/hr	DG stack	4.4 m and 3.6 m	Not applicable	Not applicable	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Diesel	13.8 lit per hr	61.2 per hr	75 lit per hr			
33.Source of Fuel		nearest point					
34.Mode of Transportation of fuel to site		by road					
35.Energy							
Power requirement:	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	75 kW					
	DG set as Power back-up during construction phase	1 No. x 82.5 kVA					
	During Operation phase (Connected load):	700 + 1678 = 2378 kW					
	During Operation phase (Demand load):	497 + 829 = 1326 kW					
	Transformer:	Existing : 1 no. x 630 kVA , Proposed : 1 no. x 630 kVA and 1 no. x 315 kVA					
	DG set as Power back-up during operation phase:	Existing : 1 No. X 82.5 kVA and Proposed : 2 No. X 320 kVA					
	Fuel used:	Diesel					
	Details of high tension line passing through the plot if any:	NA					
Energy saving by non-conventional method:							

- Auto Timer control for external & Common lighting
- Use of LED in Parking area, lift-lobby and stair-case and in all public area
- Using Solar system in Common Area Lighting (10%). & Street/ Landscape lights with LED lamps
- Solar powered water heating
- Electrical V3F drive is for all lifts
- As per MSEDCL requirements, it is recommended to use low loss Transformer.
- Losses for Transformer shall, in principal, comply with ECBC norms.
- Recommend to attain power factor of the installation near unity.
- Independent Energy meters for all pollution control equipment's.
- Solar PV panel power for common area lighting

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV panels : Solar Energy - Outdoor lightning/ street light and saving % is 0.81	30375
2	Auto timer Logic Controller and saving % is 1.57	59182
3	Electronic V3F drive for Lifts and saving % is 0.39	93322
4	Solar Water heater and saving % is 6.93	261000
5	Total	365261
6	Total energy saving shall be achieved up-to	9.71%

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP - 2 Nos.	1 no. x 75 CMD	1 no. x 160 CMD
Solid waste management - OWC	Vermicomposting	OWC
D.G Sets - 3 Nos.	1 No. X 82.5 kVA	2 No. X 320 kVA

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.28.16 lakh
	O & M cost:	Rs.1.95 lakh/year

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air & Noise	Water For Dust Suppression	1.62
2	Air & Noise	Air & Noise monitoring	1.46
3	Water	Tanker water for construction & worker	1.62
4	Water	Water monitoring	0.6
5	Land	Labour toilets 10 Nos. Cleaning 10,000 Rs /month	1.0
6	Biological	Gardening & Excavation	3.5
7	Socio	Disinfection at site	1.8
8	Socio	Safety, First Aid, Health Hygiene Facilities	0.23

9	Socio	Creches for children	3.8
10	Socio	Personal Protective Equipment CFL lamps for labor hutments	1.22
11	Total EMP	Total	16.85

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 Cost	2 STP	60.00	7.7
2	Rain Water Harvesting	Pits and borewell	2.7	0.012
3	Storm water drainage	-	30.00	0.60
4	Environmental Monitoring	Monitoring	-	1.5
5	Gardening	Plantation of native trees	68.59	4.85
6	Solid waste	OWC	16.75	3.30
7	Energy	Energy saving measures	28.16	1.95
8	Swimming pool	2 no.	25	1.81
9	Total	EMP	203.04	21,722

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of Transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Any Other Information

No Information Available

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)B2
	Court cases pending if any	NA
	Other Relevant Informations	We have received the Environmental clearance from SEIAA, Govt. of Maharashtra dated 18th July, 2016 EC for plot area 28,750 m ² , FSI area 32,111.06 m ² and Non FSI area 31,456.94 m ² and total builtup area 63,568 m ² We have completed the construction area is about 14105.62 m ² (building A, B, C D1 & D2) and included services as per received EC. Now we are applying for Expansion - Amendment in EC - for building E & F and G
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 189th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2000 subject to Implementation of the following terms and conditions:

Specific Conditions:


I	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
II	.PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
III	SEIAA decided to grant EC for - FSI: 34469.36 m ² , Non-FSI:19131.58 m ² and Total BUA:53600.94 m ² (Plan Approval no-CC/1509/19, Date-05.10.2019)

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.

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

XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in .
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

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



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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

ENCLOSURE NO. III

COPY OF CONSENT TO ESTABLISH

MAHARASHTRA POLLUTION CONTROL BOARD

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



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

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000116522/CE/2202001257

Date: 20/02/2022

To,
M/s Siddharth Properties, Puravankara
Limited, Satin Hill project Block A, B, C, D1
& D2 and G by and "Purva Aspire" for
Blocks E and F, Survey No. 37/1B+37/2/2/1
to 3+5 ,Bavdhan, Haveli, Dist Pune



Your Service is Our Duty

Sub: Consent to Establish(Revalidation) for Residential & Commercial construction project under Red Category

- Ref:
1. Consent to Establish granted vide no. Format1.0/BO/ROHQ /CE/CC-9778 dtd. 12.08.2016
 2. Minutes of 14th Consent Committee Meeting dtd. 29.11.2021

Your application NO. MPCB-CONSENT-0000116522

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The Consent to establish is granted for period up to Commissioning of the project or 12.08.2026 whichever is earlier**
2. **The capital investment of the project is Rs.105 Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Establish (Revalidation) is valid for Residential & Commercial construction project named as Proposed Expansion- amendment in Satin Hill project Block A, B, C, D1 & D2 and G by Siddharth Properties and Proposed "Purva Aspire" for Blocks E and F by Puravankara Limited, Survey No. 37/1B+37/2/2/1 to 3+5 ,Bavdhan, Haveli, Dist Pune on Total Plot Area of 28750 SqMtrs for construction BUA of FSI- 34469.36 m², Non FSI- 19131.58 m², Total BUA area (sq. m.): 53600.94 SqMtrs out of Total Construction BUA of SqMtrs as per EC granted dated including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Consent to Establish dtd 12.08.2016	28750.00	63568.00
2	ENVIRONMENTAL clearance granted vide no. SEIAA-EC-0000002136 dtd. 28.02.2020	28750.00	53600.94

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	236	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set-82.5 KVA	0	As per Schedule -II
S-2	DG Set-320 KVA	0	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Dry Waste	383 Kg/Day	Segregation	Handed over to authorized recyclers
2	Wet Waste	552 Kg/Day	Organic waste Converter with composting facility / Biogas digester with composting facility	As Manure
3	STP Sludge	30 Kg/Day	Dewatering	Used as manure

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	100	Ltr/A	Reprocessing	To Authorized Reprocesser

8. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E Waste	1073.00	Kg/Annum	To Authorized Dismantler

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

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

11. Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.

12. Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility.

13. 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.

14. The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.
15. The project proponent shall take adequate measures to control dust emission and noise level during construction phase.
16. The Project proponent shall submit bank Guarantee of Rs 10.5 Lakhs Lakhs (0.1 % of Capital Investment). The same shall be forfeited as PP has given possession of part completed project without obtaining consent to operate of the Board in 2011, thus violated the consent conditions.
17. The Project proponent shall submit Board Resolution in prescribed format within 15 days as PP has given possession of part completed project without obtaining consent to operate of the Board, thus violated the consent conditions. PP shall submit Bank guarantee of Rs 2.0 lakhs towards submission of Board Resolution.
18. The Project Proponent shall comply with the Environmental clearance granted vide no. SEIAA-EC-000002136 dtd. 28.02.2020 for residential and commercial construction project having total Plot area 28750.00 sq.mt, & total construction BUA 53600.94 sq.mt
19. PP shall apply for Consent to Operate for completed construction project within 15 Days.
20. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance.



Ashok Shingare

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05ddf74
47e7d9b2
d42f6aba

Signed by: Ashok Shingare
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2022-02-20 18:03:41 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	210000.00	TXN2107001803	22/07/2021	Online Payment

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to obtain and forfeit the bank guarantee of Rs. 10.5 Lakhs from the Project Proponent
2. Chief Accounts Officer, MPCB, Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to provide Sewage Treatment Plant with the design capacity of 160 CMD based on MBBR Technology
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	271.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1	DG Set-82.5 KVA	Acoustic Enclosure	3.6	HSD	10.21 Ltr/Hr
S-2	DG Set-320 KVA	Acoustic Enclosure	4.4	HSD	45.29 Ltr/Hr

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

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

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

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E	Rs 10 Lakhs	15 Days	Compliance of Consent conditions and EC conditions	upto Commissioning of the Project	upto Commissioning of the Project
2	C to E	Rs 2.0 Lakhs	15 days	Towards submission of Board Resolution	upto Commissioning of the Project	upto Commissioning of the Project

Sr. No.	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
3	C to E	Rs10.5 Lakhs	15 Days	Compliance of Consent Condition	upto Commissioning of the Project	upto Commissioning of the Project

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

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

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
1	C to E	Rs 10.5 Lakhs	15 Days	Compliance of Consent Condition	Rs 10.5 Lakhs	Violation of consent to establish

BG Return details

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

SCHEDULE-IV

Conditions during construction phase

A	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
B	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
C	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;

4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. 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.
6. The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
7. 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.
8. 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.
9. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
10. Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
11. 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.
12. Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
13. The treated sewage shall be disinfected using suitable disinfection method.

- 14 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.
- 15 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

This certificate is digitally & electronically signed.



ENCLOSURE NO. IV

**ENVIRONMENTAL MONITORING
REPORTS**

Environmental Consultancy & Laboratory

Lab. Gazetted by MoEF&CC-Govt. of India
Lab. Accredited by NABL - ISO/IEC 17025:2017 [TC-5600, Valid until 03.08.2024 in the field of Testing]
QCI-NABET Accredited EIA Consulting Organization
STP/ETP/WTP Project Management Consultants

ISO 9001 : 2015
ISO 45001 : 2018

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

TEST REPORT

ISSUED TO: M/S.PURVANKARA LIMITED
For Your Project: "Purva Aspire"
At Bavdhan, Taluka-Haveli, District-Pune

REPORT NO. : UT/ELS/REPORT/C-231/06-2023
ISSUE DATE : 16/06/2023
YOUR REF. : PL/21-22/PL-BHAVDHAN/AMD 01
REF. DATE : 20/12/2021

SAMPLE PARTICULARS

Sampling Plan Ref. No.: : C-02/05-2023
Sampling Procedure : UT/LQMS/SOP/AA01A
Sample Registration Date : 03/05/2023
Date of Sampling : 02/05/2023
Time of Sampling : 09:30 Hrs. to 17:30 Hrs.
Analysis Starting Date : 03/05/2023
Analysis Completion Date : 05/05/2023
Sample Lab Code : UT/ELS/C-009/05-2023
Ambient Air Temperature : 28.3°C to 34.2°C

AMBIENT AIR QUALITY MONITORING

Location Code : 01
Sample Location : Near Main Gate
Co-ordinates: N18°30'11.55"; E73°46'18.00"
Collected By : ULTRA-TECH
Height of Sampler : 1.0 Meter
Sampling Duration : 08 Hours
Relative Humidity : 52.0 % to 65.0 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO ₂)	IS 5182 (Part 02) : 2001	13	µg/m ³
2.	Oxides of Nitrogen (NO _x)	IS 5182 (Part 06) : 2006	23	µg/m ³
3.	Particulate Matter (PM ₁₀)	RPA/625/R-96/010a Method 10-2.1	76	µg/m ³
4.	Particulate Matter (PM _{2.5})	IS 5182 (Part 24) : 2019	28	µg/m ³
5.	Carbon Monoxide (CO)	IS 5182 (Part 10) : 1999	1.3	mg/m ³

†: Sampling Period 1 Hr.

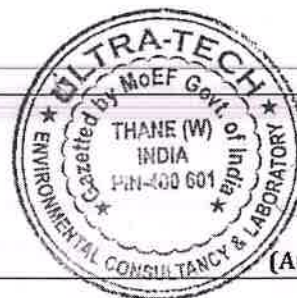
Remark/ Statement of Conformity: The parameters tested above are found to be within 24 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III- Section IV. NAAQMS is provided as Annexure-I for your reference. (Turnover to find Annexure)

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - Polltech; Model - PEM-RDS 8NL; Sr. No. 3413	Valid up to - 10/01/2024
Fine Dust Sampler	Make - Netel; Model - NPM FDS2.5/10µ (A); Sr. No. 243	Valid up to - 13/01/2024	

Note:

1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
2. This test report refers only to the sample tested.
3. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
4. This test report may not be reproduced in part, without the permission of this laboratory.
5. Any correction invalidates this test report.
6. Weather was Sunny during sampling period.

- END OF REPORT -



For ULTRA-TECH,

Meghan Patil
(Authorized Signatory)

ANNEXURE-I

NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV

The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931

Sr. No.	Pollutants	Time Weighted Average	National Ambient Air Quality Standards	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO ₂), µg/m ³	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO _x), µg/m ³	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM ₁₀), µg/m ³	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM _{2.5}), µg/m ³	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/m ³	08 Hours†	02	02
		01 Hours**	04	04

* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

** 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further

Environmental Consultancy & Laboratory

Lab. Gazetted by MoEF&CC-Govt. of India
Lab. Accredited by NABL - ISO/IEC 17025:2017 [TC-5600, Valid until 03.08.2024 in the field of Testing]
QCI-NABET Accredited EIA Consulting Organization
STP/ETP/WTP Project Management Consultants

ISO 9001 : 2015
ISO 45001 : 2018

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

TEST REPORT

ISSUED TO: M/S.PURVANKARA LIMITED
For Your Project: "Purva Aspire"
At Bavdhan, Taluka-Haveli, District-Pune

REPORT NO. : UT/ELS/REPORT/C-232/06-2023
ISSUE DATE : 16/06/2023
YOUR REF. : PL/21-22/PL-BHAVDHAN/AMD 01
REF. DATE : 20/12/2021

SAMPLE PARTICULARS

Sampling Plan Ref. No. : C-02/05-2023
Sampling Procedure : UT/LQMS/SOP/AA01A
Sample Registration Date : 03/05/2023
Date of Sampling : 04/05/2023 to 03/05/2023
Time of Sampling : 18:00 Hrs. to 02:00 Hrs.
Analysis Starting Date : 03/05/2023
Analysis Completion Date : 05/05/2023
Sample Lab Code : UT/ELS/C-010/05-2023
Ambient Air Temperature : 27.6^oC to 33.4^oC

AMBIENT AIR QUALITY MONITORING

Location Code : 02
Sample Location : Near Site Office
Coordinates: N18°30'09.43"; E73°46'16.81"
Collected By : ULTRA-TECH
Height of Sampler : 1.0 Meter
Sampling Duration : 08 Hours
Relative Humidity : 53.0 % to 67.0 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO ₂)	IS 5182 (Part 02) : 2001	15	µg/m ³
2.	Oxides of Nitrogen (NO _x)	IS 5182 (Part 06) : 2006	25	µg/m ³
3.	Particulate Matter (PM ₁₀)	EPA/625/R-96/010a Method 10-2.1	80	µg/m ³
4.	Particulate Matter (PM _{2.5})	IS 5182 (Part 24) : 2019	30	µg/m ³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10) : 1999	1.6	mg/m ³

†: Sampling Period 1 Hr.

Opinions / Interpretations: The parameters tested above are found to be within 24 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III- Section IV. NAAQMS is provided as Annexure-I for your reference. (Turnover to find Annexure)

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - Poltech; Model - PEM-RDS 8NL; Sr. No. 3413	Valid up to - 10/01/2024
Fine Dust Sampler	Make - Netel; Model-NPM FDS2.5/10µ (A); Sr. No. 243	Valid up to - 13/01/2024	

- Note:
1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
 2. This test report refers only to the sample tested.
 3. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
 4. This test report may not be reproduced in part, without the permission of this laboratory.
 5. Any correction invalidates this test report.
 6. Weather was clear during sampling period.

- END OF REPORT -



ANNEXURE-I

NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV

The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931

Sr. No.	Pollutants	Time Weighted Average	National Ambient Air Quality Standards	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO ₂), µg/m ³	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO _x), µg/m ³	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM ₁₀), µg/m ³	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM _{2.5}), µg/m ³	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/m ³	08 Hours*	02	02
		01 Hours**	04	04

* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

** 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE. Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further

Environmental Consultancy & Laboratory

Lab. Gazetted by MoEF&CC-Govt. of India
 Lab. Accredited by NABL - ISO/IEC 17025:2017 [TC-5600, Valid until 03.08.2024 in the field of Testing]
 QCI-NABET Accredited EIA Consulting Organization
 STP/ETP/WTP Project Management Consultants

ISO 9001 : 2015
 ISO 45001 : 2018

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
 Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

TEST REPORT

ISSUED TO: M/S.PURVANKARA LIMITED	REPORT NO. : UT/ELS/REPORT/C-233/06-2023
For Your Project: "Purva Aspire"	ISSUE DATE : 16/06/2023
At Ravdhan, Taluka-Haveli, District-Pune	YOUR REF. : PL/21-22/PL-BHAVDHAN/AMD 01
	REF. DATE : 20/12/2021

SAMPLE PARTICULARS :	AMBIENT AIR QUALITY MONITORING
Sampling Plan Ref. No. : C-02/05-2023	Location Code : 03
Sampling Procedure : UT/LQMS/SOP/AA01A	Sample Location : West Side Of Project Site
Sample Registration Date : 03/05/2023	Co-ordinates: N18°30'10.70"; E73°46'15.30"
Date of Sampling : 03/05/2023	
Time of Sampling : 02:30 Hrs. to 10:30 Hrs.	
Analysis Starting Date : 03/05/2023	Collected By : ULTRA-TECH
Analysis Completion Date : 05/05/2023	Height of Sampler : 1.0 Meter
Sample Lab Code : UT/ELS/C-011/05-2023	Sampling Duration : 08 Hours
Ambient Air Temperature : 28.2°C to 34.1°C	Relative Humidity : 54.0% to 68.0 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO ₂)	IS 5182 (Part 02) : 2001	11	µg/m ³
2.	Oxides of Nitrogen (NO _x)	IS 5182 (Part 06) : 2006	21	µg/m ³
3.	Particulate Matter (PM ₁₀)	EPA/625/R 96/010a Method IO 2.1	74	µg/m ³
4.	Particulate Matter (PM _{2.5})	IS 5182 (Part 24) : 2019	25	µg/m ³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10) : 1999	1.1	mg/m ³

†: Sampling Period 1 Hr.

Opinions / Interpretations: The parameters tested above are found to be within 24 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III- Section IV. NAAQMS is provided as Annexure-1 for your reference. (Turnover to find Annexure)

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - Polltech; Model - PEM-RDS 8NL; Sr. No. 3413	Valid up to - 10/01/2024
Fine Dust Sampler	Make - Netel; Model - NPM FDS2.5/10µ (A); Sr. No. 243	Valid up to - 13/01/2024	

- Note:**
1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
 2. This test report refers only to the sample tested.
 3. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
 4. This test report may not be reproduced in part, without the permission of this laboratory.
 5. Any correction invalidates this test report.
 6. Weather was Sunny & Clear during sampling period.

- END OF REPORT -



ANNEXURE-I

NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV

The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931

Sr. No.	Pollutants	Time Weighted Average	National Ambient Air Quality Standards	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO ₂), µg/m ³	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO _x), µg/m ³	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM ₁₀), µg/m ³	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM _{2.5}), µg/m ³	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/m ³	08 Hours*	02	02
		01 Hours**	04	04

* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

** 24 hourly or 0 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further

Environmental Consultancy & Laboratory

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Lab. Accredited by NABL - ISO/IEC 17025:2017 [TC-5600, Valid until 03.08.2024 in the field of Testing]
QCI-NABET Accredited EIA Consulting Organization
STP/ETP/WTP Project Management Consultants

ISO 9001 : 2015
ISO 45001 : 2018

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

TEST REPORT

ISSUED TO: M/S.PURVANKARA LIMITED

For Your Project: "Purva Aspire"

At Bavdhan, Taluka-Haveli, District-Pune

REPORT NO. : UT/ELS/REPORT/C-234/06-2023

ISSUE DATE : 16/06/2023

YOUR REF. : PL/21-22/PL-BHAVDHAN/AMD 01

REF. DATE : 20/12/2021

SAMPLE PARTICULARS :

NOISE LEVEL QUALITY MONITORING

Sampling Plan Ref. No. : C-02/05-2023

Sample Lab Code : UT/ELS/C-012/05-2023

Date of Monitoring : 02/05/2023 to 03/05/2023

Survey Done By : ULTRA-TECH

Sr. No.	LOCATION	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	Near Main Gate	10:00 to 10:05	54.4	22:00 to 22:05	44.3
02.	South Side Of Project Site	10:10 to 10:15	53.8	22:10 to 22:15	43.9
03.	West Side Of Project Site	10:20 to 10:25	53.2	22:20 to 22:25	43.7
04.	Near Sales Office	10:30 to 10:35	52.4	22:30 to 22:35	42.3

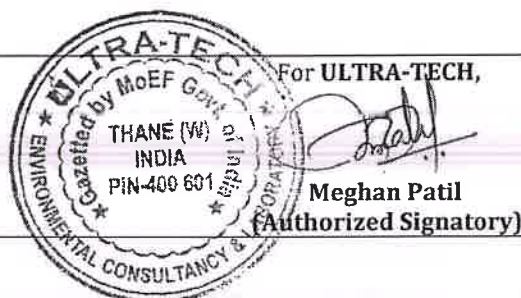
Opinions / Interpretations: *The Noise Pollution (Regulation And Control) Rules, 2000; Is Provided as Annexure II for Your Reference. (Turnover to find Annexure).*

Note: 1. Monitoring area coming under Residential Area.
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make - Lutron; Model - SL-4030; Sr. no. Q-623339	Valid up to - 31/12/2023

Note: 1. This test report refers only to the monitoring conducted.
2. This test report may not be reproduced in part, without the permission of this laboratory.
3. Any correction invalidates this test report.

- END OF REPORT -



ANNEXURE-II

THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)

• **SCHEDULE**

(See rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

Area Code	Category of Area / Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

- Note:
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
 2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured

"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

• **CONSTRUCTION ACTIVITIES**

The maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq(5 min.) in other areas.

• **THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE**

(The Model Rules Of The Factories Act, 1948)

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

- Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
 2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1, the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

- Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
 2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1, the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.

Environmental Consultancy & Laboratory

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 Lab. Accredited by NABL - ISO/IEC 17025:2017 [TC-5600, Valid until 03.08.2024 in the field of Testing]
 QCI-NABET Accredited EIA Consulting Organization
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ISO 9001 : 2015
 ISO 45001 : 2018

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 Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

TEST REPORT

ISSUED TO: M/S.PURVANKARA LIMITED
 For Your Project: "Purva Aspire"
 At Bavdhan, Taluka-Haveli, District-Pune

REPORT NO. : UT/ELS/REPORT/C-235/06-2023
 ISSUE DATE : 16/06/2023
 YOUR REF. : PL/21-22/PL-BHAVDHAN/AMD 01
 REF. DATE : 20/12/2021

SAMPLE PARTICULARS :

Sampling Plan Ref. No. : C-02/05-2023
 Sampling Procedure : UT/LQMS/SOP/W01A
 Sample Registration Date : 03/05/2023
 Date & Time of Sampling : 02/05/2023 at 17:00 Hrs.
 Analysis Starting Date : 03/05/2023
 Analysis Completion Date : 10/05/2023
 Sample Collected By : ULTRA TECH
 Sample Lab Code : UT/ELS/C-013/05-2023

WATER SAMPLE ANALYSIS

Sample Type : Drinking Water
 Sample Location : Near Sales Office
 Sample Quantity & Packing Details : 2 L in Plastic Container and 100ml in Sterile Corning Bottle.

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits [IS 10500 : 2012]
PHYSICAL PARAMETERS:-					
1.	Turbidity	IS 3025 (Part 10) 1984	BDL [DL=0.1]	NTU	1
CHEMICAL PARAMETERS:-					
2.	pH	IS 3025 (Part 11) 2022	7.7	-	6.5 - 8.5
3.	Electrical Conductivity	APHA 23rd Ed. 2510 B	209	µS/cm	-
4.	Total Dissolved Solids	IS 3025 (Part 16) 1984	136	mg/L	500
5.	Total Hardness as CaCO ₃	IS 3025 (Part 21) 2009	70	mg/l.	200
6.	Total Alkalinity as CaCO ₃	IS 3025 (Part 23) 1986	66	mg/L	200
7.	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 (Part 23) 1986	BDL [DL=1]	mg/l	--
8.	Sulphate as SO ₄ ²⁻	APHA 23rd Ed. 4500- S042- E	11	mg/L	200
9.	Phosphate as PO ₄ ³⁻ -P	APHA 23rd Ed. 4500 P D E	BDL [DL=0.01]	mg/L	--
10.	Chlorides as Cl ⁻	IS 3025 (Part 32) 1988	34	mg/L	250
11.	Ammonical Nitrogen as NH ₃ -N	APHA 23rd Ed. 4500- NH3- F	BDL [DL=0.01]	mg/L	0.5
12.	Nitrates as NO ₃ -N	IS 3025 (Part 34) 1988	1.0	mg/L	45
13.	Calcium Hardness as CaCO ₃	IS 3025 (Part 40) 1991	38	mg/L	--
14.	Calcium as Ca	IS 3025 (Part 40) 1991	15	mg/L	75
15.	Magnesium as Mg	IS 3025 (Part 46) 1994	8	mg/L	30
16.	Potassium as K	APHA 23rd Ed. 3500 K	1.0	mg/L	--
17.	Sodium as Na	APHA 23rd Ed. 3500 Na	20	mg/L	--
18.	Iron as Fe	IS 3025 (Part 53) 2003	BDL [DL=0.06]	mg/L	0.3
19.	Lead as Pb	IS 3025 (Part 47) 1994	BDL [DL=0.6]	mg/L	0.01
20.	Fluoride as F ⁻	APHA 23rd Ed. 4500-F-B,D	BDL [DL=0.2]	mg/L	1.0
BACTERIOLOGICAL PARAMETERS:					
21.	Total Coliform	IS 1622 : 1981	BDL [DL=2]	MPN/100 ml	0
22.	F. Coli	IS 1622 : 1981	BDL [DL=2]	MPN/100 ml	0
23.	E. Coli	IS 1622 : 1981	Absent	-	Absent

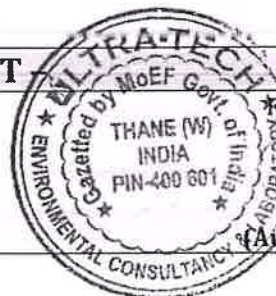
DL - Detection Limit

BDL - Below Detection Limit

Remark/ Statement of Conformity: The given sample confirms with standard specifications wherever applicable as per IS 10500:2012 for above analyzed parameters.

- Note:
1. Samples was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 23rd Edition and IS3025 (Part 1).
 2. This test report refers only to the sample tested.
 3. This test report may not be reproduced in part, without the permission of this laboratory.
 4. Any correction invalidates this test report.

- END OF REPORT



For ULTRA-TECH

Meghan Patil

(Authorized Signatory)

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
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TEST REPORT

ISSUED TO: M/S.PURVANKARA LIMITED

For Your Project: "Purva Aspire"

At Bavdhan, Taluka-Haveli, District-Pune

REPORT NO. : UT/ELS/REPORT/C-236/06-2023

ISSUE DATE : 16/06/2023

YOUR REF. : PL/21-22/PL-BHAVDHAN/AMD 01

REF. DATE : 20/12/2021

SAMPLE PARTICULARS

Sampling Plan Ref. No. : C-02/05-2023
Sampling Procedure : UT/LQMS/SOP/S01A
Sample Registration Date : 03/05/2023
Date & Time of Sampling : 02/05/2023 at 17:30 Hrs.
Analysis Starting Date : 03/05/2023
Analysis Completion Date : 10/05/2023
Sample Collected By : ULTRA TECH
Sample Lab Code : UT/ELS/C-014/05-2023

SOIL QUALITY MONITORING

Sample Type : Surface Soil (at 15cm depth)
Sample Location : Near Site Office
Sample Quantity & Packing Details : 1kg In Plastic Bag Contained in Zip Lock Bag

Sr. No.	Test Parameter	Test Methods	Test Result	Unit
1.	Moisture Content	IS:2720 (Part 2) : 1973	4.3	%
2.	Bulk Density	UT/LQMS/SOP/S03	1147	kg/m ³
3.	Organic Matter	IS:2720 (Part 2) : 1973	0.0	%
4.	Total Organic Carbon	IS:2720 (Part 2) : 1973	0.5	%
5.	pH [1:2.5 Soil:Water Extract]	IS:2720 (Part 26) : 1987	7.9	-
6.	Conductivity(1:2soil:Water Extract)	IS:14767- 2000	0.518	mS/cm
7.	Sodium as Na (Water Extractable)	UT/LQMS/SOP/S19	89	mg/kg
8.	Magnesium as Mg (Water Extractable)	UT/LQMS/SOP/S22	98	mg/kg
9.	Chlorides as Cl ⁻ (Water Extractable)	UT/LQMS/SOP/S23	117	mg/kg
10.	Sulphate as SO ₄ ²⁻ (Water Extractable)	UT/LQMS/SOP/S24	103	mg/kg
11.	Sodium Adsorption Ratio	UT/LQMS/SOP/S26	1.1	(meq/kg) ^{1/2}
12.	Cation Exchange Capacity	UT/LQMS/SOP/S18	24.7	meq/100g
13.	Water Holding Capacity	UT/LQMS/SOP/S12	54.9	%
14.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.8	mg/kg
15.	Phosphorous as P ₂ O ₅ (Available)	UT/LQMS/SOP/S28	56	kg/ha
16.	Potassium as K ₂ O (Available)	UT/LQMS/SOP/S29	229	kg/ha
17.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	178	kg/ha
18.	Iron as Fe	UT/LQMS/SOP/S35&S37	52347	mg/kg
19.	Zinc as Zn	UT/LQMS/SOP/S35&S37	78	mg/kg

Remark/ Statement of Conformity: NIL

- Note:
1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/S01A) based on Methods Manual: Soil Testing In India by DA&FW, MoA, GOI.
 2. This test report refers only to the sample tested.
 3. This test report may not be reproduced in part, without the permission of this laboratory.
 4. Any correction invalidates this test report.

- END OF REPORT -



For ULTRA TECH

THANE (W)
INDIA
PIN-400 601

Meghan Patil

(Authorized Signatory)

ENCLOSURE NO. V

ENVIRONMENTAL STATEMENT



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000056743

Submitted Date

04-09-2023

PART A

Company Information

Company Name

Purvankara Ltd

Application UAN number

0000116522

Address

Block A, B, C, D1 & D2 and G by and
"Purva Aspire" for Blocks E and
F, Survey No. 37/1D & 37/2/2/1 to 315
, Bavdhan, Haveli, Dist Pune

Plot no

Residential development with
commercial component CTS no.
395,395/1 to 395/10 at M/E ward,
Deonar, Mumbai

Taluka

Haveli,

Village

Bavdhan

Capital Investment (In lakhs)

10500

Scale

--

City

Pune

Pincode

411016

Person Name

MR.DEEPAK SUNDARAM

Designation

SENIOR GENERAL MANAGER (WESTERN ZONE HEAD)

Telephone Number

9920243913

Fax Number

02040064664

Email

Deepak.Sundaram@providenthousing.com

Region

SRO-Pune I

Industry Category

Red

Industry Type

O21 Building and construction project more than
20,000 sq. m built up area

**Last Environmental statement
submitted online**

yes

Consent Number

Formal1.0/CC/UAN
No.0000116522/CE/2202001257

Consent Issue Date

2022-02-20

Consent Valid Upto

2026-08-12

Establishment Year

2016

Date of last environment statement submitted

Sep 28 2022 12:00:00:000AM

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

Product Information

Product Name

NA

Consent Quantity

00

Actual Quantity

00

UOM

SqFeet/Y

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

SqFeet/Y

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day				
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day		
Cooling	0.00	0.00		
Domestic	271.00	9.00		
All others	0.00	0.00		
Total	271.00	9.00		

2) Effluent Generation In CMD / MLD				
Particulars	Consent Quantity	Actual Quantity	UOM	
Sewage Effluent	236	4	CMD	

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)				
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM	
0	0	0	SqFeet/Y	

3) Raw Material Consumption (Consumption of raw material per unit of product)				
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM	
NA	00	00	MT/A	

4) Fuel Consumption				
Fuel Name	Consent quantity	Actual Quantity	UOM	
HSD-82.5 KVA	10.21	5	Ltr/Hr	

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)					
[A] Water					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	0	0	0	0

[B] Air (Stack)					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from-prescribed standards with reasons %variation	Standard	Reason
NA	00	00	--	NA	--

Part-D

HAZARDOUS WASTES				
1) From Process				
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM	
0	0	0	Kg/Annum	

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Kg/Annum

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Solid Waste (Non Biodegradable)	0	00	Kg/Annum
Solid Waste (Biodegradable)	0	00	Kg/Annum

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	Kg/Annum

3) Quantity Recycled or Re-utilized within the unit

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

Part-F

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

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	Kg/Annum	--

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
WET WASTE	100	Kg/Annum	NA
DRY WASTE	60	Kg/Annum	NA

Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	0	0

Part-H

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
---	-----------------------------------	----------------------------

[B] Investment Proposed for next Year**Detail of measures for Environmental Protection Environmental Protection Measures Capital Investment (Lacks)**

1.Environmental monitoring	Environmental protection measures	2.2
----------------------------	-----------------------------------	-----

Part-I**Any other particulars for improving the quality of the environment.****Particulars**

OPERATION AND MAINTENANCE OF STP WILL BE CARRIED OUT AFTER COMPLETION OF CONSTRUCTION / ON COMMISSIONING

Name & Designation

MR.DEEPAK SUNDARAM_SENIOR GENERAL MANAGER (WESTERN ZONE HEAD

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000056743

Submitted On:

04-09-2023