

ARDENT PROPERTIES PRIVATE LIMITED

(A Subsidiary of TATA HOISING DEVELOPMENT COMPANY LIMITED)

Date: 10/08/2018

To,
Principal Secretary, SEIAA,
Environment Department,
Mantralaya,
Mumbai - 400032

Sub: Submission of Compliance Report for Proposed Residential Project at Plot bearing S. No. 280/2B2, 281/2A/1A, 288/2D/1B at village Majiwade, Tal. & Dist .Thane, Maharashtra.

Ref: Environmental Clearance letter no. SEAC-2015/CR-135/TC-1 dt.18.07.2016

Dear Sir,

This is with reference to Environmental Clearance letter no. SEAC-2015/CR-135/TC-1 dt.18.07.2016 from Env. Department of Govt. of Maharashtra.

We are enclosing here with the detailed Compliance report (from December 2017 to May 2018) along with dully filed data sheet.

Thanking you,
Yours faithfully,
For Ardent Properties Private Limited



Authorized Signatory



Enclosed: Hard Copy Compliance Report for the period of December 2017 to May 2018.

Cc:

1. Regional Office, MPCB, Thane
2. Director, MoEF, Nagpur


10-8-18
आवक लिपिक
पर्यावरण विभाग
मंत्रालय, मुंबई-२२.

CIN - U45200MH2007PT262414

Regional Office: Eruchshaw Building, 4th Floor, 249, Dr. D. N. Road, Fort, Mumbai - 400 001.

Tel.: 91 22 6661 4500 Fax : 91 22 6661 4550 E-mail : info@tatahousing.com

Website: www.tatahousing.com

Regd. Office: Times Tower, 12th Floor, Kamala Mills Compound, Senapati Bapat Marg, Lower Parel (W), Mumbai - 400 013.

Tel.: 91 22 6661 4444 Fax : 91 22 6661 4452 E-mail : info@tatahousing.com

ARDENT PROPERTIES PRIVATE LIMITED

(A Subsidiary of TATA HOUSING DEVELOPMENT COMPANY LIMITED)

Date: 18/08/2018

To,
Regional Officer,
Maharashtra Pollution Control Board,
Plot No P-30, 5th floor,
Office Complex Building
Mulund Checknaka,
Thane (W)

Sub: Submission of Compliance Report for Proposed Residential Project at Plot bearing S. No. 280/2B2, 281/2A/1A, 288/2D/1B at village Majiwade, Tal. & Dist .Thane, Maharashtra.

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1. Environment Department, Mantralaya, Mumbai
2. Director, MoEF, Nagpur

Recd.
18-8
प्रादेशिक कार्यालय
म.प्र.नि.मं.ठाणे
कार्यालय नं. 249
वा.प.म.स. मुलुंड चेकनाका
ठाणे (व.) 400 604

CIN - U45200MH2007PT262414

Regional Office: Eruchshaw Building, 4th Floor, 249, Dr. D. N. Road, Fort, Mumbai - 400 001.

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ARDENT PROPERTIES PRIVATE LIMITED

(A Subsidiary of TATA HOISING DEVELOPMENT COMPANY LIMITED)

Date: 17/08/2018

To,
Ministry of Environmental Forest & Climate Change,
Regional office (WCZ),
Ground Floor E wing,
New Secretariat Building, Civil Line,
Nagpur 440 001.

Sub: Submission of Compliance Report for Proposed Residential Project at Plot bearing S. No. 280/2B2, 281/2A/1A, 288/2D/1B at village Majiwade, Tal. & Dist .Thane, Maharashtra.

Ref: Environmental Clearance letter no. SEAC-2015/CR-135/TC-1 dt.18.07.2016

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For Ardent Properties Private Limited


Authorized Signatory



Enclosed: Hard Copy Compliance Report for the period of December 2017 to May 2018.

Cc:

1. Regional Office, MPCB, Thane
2. Environment Department, Mantralay



CIN - U45200MH2007PT262414

Regional Office: Eruchshaw Building, 4th Floor, 249, Dr. D. N. Road, Fort, Mumbai - 400 001.
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Regd. Office: Times Tower, 12th Floor, Kamala Mills Compound, Senapati Bapat Marg, Lower Parel (W) Mumbai - 400 013.
Tel.: 91 22 6661 4444 Fax : 91 22 6661 4452 E-mail : info@tatahousing.com

COMPLIANCE REPORT

(DECEMBER 2017 – MAY 2018)

For

PROPOSED RESIDENTIAL PROJECT “SEREIN”

(ENVIRONMENTAL CLEARANCE VIDES LETTER NO. SEAC-2015/CR-
135/TC-1 dt.18.07.2016)

At

Plot bearing S. No. 280/2B2, 281/2A/1A, and 288/2D/1B at village
Majiwade, Tal. & Dist .Thane, Maharashtra.

Proposed By

**ARDENT PROPERTIES PRIVATE
LIMITED**

Project Details

Sr. No.	Particulars	Details
1	Project type :River- valley/mining /Industry/Thermal/Nuclear/other(specify)	Building Construction Project
2	Name of the Project	Residential Project "SEREIN"
3	Clearance letter(s)/OM and Date	(ENVIRONMENTAL CLEARANCE VIDE LETTER NO. SEAC-2015/CR-135/TC-1 dt.18.07.2016)
4	Location	Plot bearing S. No. 280/2B2, 281/2A/1A, 288/ 2D/ 1B at village Majiwade, Tal. & Dist .Thane, Maharashtra.
	a) District(s)	Thane
	b) State(s)	Maharashtra
	c) Latitude/Longitude	19o13'15.23"N 72o57'47.82"E
5	Address of correspondence	
	a) address of concerned Project Chief Executive (with pin code & telephone/telex/fax numbers)	Mr. Sant Kumar Pandey Trade World, B - Wing, 2nd Floor, Kamala Mills Compound, Senapati Bapat Marg, Lower Parel, Mumbai – 400 013 Email: santkumpandey@tatahousing.com
	b) Address of Executive Project Engineer /Manager (with pin code/fax numbers)	Same as above
6	Salient features	
	a) of the Project	Tower 1: B2+B1+LG+G+22 Floors Tower 2: B2+B1+LG+G+21 Floors Tower 3: B2+B1+LG+G+22 Floors Tower 4: B2+B1+LG+G+24 Floors Convenience Store / Shops: G Club House: G+1 Floor
	b) of the Environmental Management Plan	Sewage Treatment Plant of total 375 m3 capacity, Solar Hot water system for each buildings, Rain Water Harvesting and Solid waste management through Mechanical Composting. (Capacities may vary subject to amendments if any)
7	Breakup of the project area	
	a) submergence area : forest & non-forest	NA
	b) Others	Total Plot area:29,600 m2 FSI area 40,996.31 m2 Non FSI area 63,861.70 m2 Total Construction Area 1,04,858.01 m2
8	Breakup of the project affected population with enumeration of those losing houses/dwelling unit only agricultural land only, both dwelling units & agricultural land & landless laborers/	
	a) SC, ST / Adivasis	N.A.
	b)others (Please indicate whether these figures are based	N.A.

	on any scientific and systematic survey carried out or only provisional figures, if a survey carried out gives details and years of survey)		
9	Financial details:		
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs.400 Crore	
	b) Allocation made for environmental management plans with item wise and year wise break-up	Construction Cost	138 Lakhs
		Operation & Maintenance Cost	36 Lakhs/Y
	c) Benefit cost ratio/Internal rated of Return and the year of assessment	N.A.	
	d) Whether (c) includes the cost of environmental management as shown in the above	N.A.	
	e) Actual expenditure incurred on the environmental management plans so far	N.A.	
10	Forest land requirement	No Forest Land Required.	
	a) The status of approval for diversion of forest land for non-forestry use	N.A.	
	b) The status of clearing felling	N.A.	
	c) The status of compensatory	N.A.	
	d) afforestation, if any	N.A.	
	e) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	N.A.	
11	The status of clear felling in non-forest area (such as submergence area of reservoir, approach rods), if any with quantitative information	N.A.	
12	Status of construction		
	a) Date commencement (Actual and/or planned)	IOD received on 18.04.2016 Construction started after receipt of EC	
	b) Date of completion (Actual and/or planned)	Expected to be completed by year 2021-2022	
13	Reasons for the delay if the project is yet to start	NA	
14	Dates of site visits		
	a) The dates on which the project was monitored by the Regional office on previous occasions, if any	Site not yet visited by official of MoEF Regional Office, Nagpur	
	b) Date of site visit for this monitoring report	Not yet finalized.	

15	Details of correspondence with project authorities for obtaining action plans/information on status of compliance to safeguards other than the routine letters for logistic support for site visits) (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently)	(ENVIRONMENTAL CLEARANCE VIDE LETTER NO. SEAC-2015/CR-135/TC-1 dt.18.07.2016)
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**PRESENT STATUS OF PROPOSED RESIDENTIAL PROJECT AT PLOT BEARING S. NO.
280/2B2, 281/2A/1A, 288/2D/1B AT VILLAGE MAJIWADE, TAL. & DIST .THANE,
MAHARASHTRA.**

1. Tower 1 A – Completed 14th floor
2. Tower 1 B - Completed 14th floor
3. Tower 2 – Completed 18th floor
4. Tower 3 – Not started
5. Tower 4 – Completed 9th floor

Compliance to Environmental Clearance letter no. SEAC-2015/CR-135/TC-1 dt.18.07.2016 at Village Majiwade, Thane.

CONDITIONS		
General Conditions for Pre – construction phase:-		
	Conditions	Compliance
(i)	This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgement/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR Provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above Para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.	TMC (Thane Municipal Corporation) has approved the building plans considering the DP Plan of the area.
(ii)	PP to provide ventilation shaft in basement for light and ventilation.	We will provide the ventilation Shaft in basement for light and Ventilation
(iii)	E-waste shall be disposed through Authorized vendor as per E- waste (Management and Handling) Rules, 2011.	The household E-waste will be disposed through Authorized vendor as per E- waste (Management and Handling) Rules, 2011.
(iv)	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.	The project is located outside the ESZ area of SGNP. The proposal was also considered in 137 th meeting of standing committee of NBWL held on 26 th Feb 2016. According to MoM, the proposal was recommended for NBWL clearance.
(v)	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Yes we Agree

(vi)	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 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.	Building plans are approved by TMC as per norms.
(vii)	Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	Consent to establishment was obtained from the Maharashtra Pollution Control Board letter no. Format.1.0/BO/CAC-cell/EIC-TN-15/CE/CAC-6351 dated 13.05.2016
(viii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Yes, We have provided all the required sanitary and hygienic measures on site like toilets and STP, safe drinking water, medical health care etc. during construction phase.
General Conditions for Construction Phase -		
(i)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.	Pressure cooker, kerosene and other household material, mobile toilets, safe drinking water, medical health care, crèche etc. is supplied to the workers.
(ii)	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.	Separate water connection from TMC is taken for drinking water with RO facility. Provision of toilets for labour camps has been provided. Modular STP is provided for waste water generated from labour camps. The treated water is being used for flushing and dust suppression measures. The solid waste generated from the labour camps is mostly household waste which is collected and disposed off in municipal bins.
(iii)	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.	The Solid waste will be properly collected and disposed off in municipal bins during construction phase.

(iv)	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 approval sites with the approval of competent authority.	<p>The muck is disposed with the permissions of competent authority at approved site.</p> <p>As a precaution, we have barricaded about 10 feet above ground level to create general safety and health aspects of people.</p> <p>Re-utilization strategy for construction debris is followed. Recycled aggregate is used for filling application.</p>
(v)	Arrangement shall be made that waste water and storm water do not get mixed.	We have made such arrangement that storm water and waste water not get mixed. Separate pipeline for SWD & waste water have been provided.
(vi)	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	Top layer of soil will be reused for the development of green belt.
(vii)	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.	<p>Natural drainage system of area is not disturbed. The construction is done by taking advantage of natural contour.</p> <p>No additional soil is required for levelling as we have done backfilling from the soil generated from site.</p>
(viii)	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dpt.	<p>The landscape will be developed considering CPCB guidelines. We will plant 430 Nos. of trees.</p> <p>The tree species which will plant is of local variety.</p>
(ix)	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.	<p>We have tested Soil and water samples through MoEF recognized laboratory. As per test report there is no presence of heavy metals in the soil and water. This being residential project there is no possibility of contamination of toxic and heavy metals.</p> <p>The copies of the reports are Attached.</p>
(x)	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminant watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Such types of wastes are not anticipated in this activity. However, all possible measures were taken to avoid contamination of water bodies/streams.
(xi)	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.	Hazardous waste is not anticipated during construction phase. If at all it is generated it will be handed over to authorized recyclers as per CPCB /MPCB norms applicable to hazardous waste.

(xii)	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	DG sets (62.5 & 200 kVA) are provided on site and are used as and when required. The monitoring of DG sets is regularly done for emission as well as noise at regular intervals/basis. Reports attached
(xiii)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken	The diesel will be procured as and when required.
(xiv)	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.	Regular maintenance of construction vehicles is carried out to keep them in good condition. The vehicles having PUC certificate is used. Adequate parking space is made for construction vehicles inside the construction premises to lessen the impacts on traffic in surrounding areas
(xv)	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	The noise levels as well as air quality was monitored from MOEF recognized laboratory. Copy of reports is attached.
(xvi)	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations)	Fly ash containing bricks (AAC Type) are used for construction
(xvii)	Ready mixed concrete must be used in building construction.	Ready mix concrete is used for building construction.
(xviii)	The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.	We will obtain approval of competent authority for Structural Safety. We will progress the construction as per the Planning Authorities approval which consider the structural safety, fire fighting measures etc. while granting the approval. Photographs for fire fighting Measures is given In Annexure
(xix)	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Storm water drains of 600 mm X 750 mm are will be provide on site.
(xx)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand during construction is reduced by use of pre-mixed concrete, curing agents and other best practices

(xxi)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	The ground water quality is not monitored as there is no source of ground water tapping.
(xxii)	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 Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the Odour problem from STP.	STP will be certified by an independent expert and a report in this regard will be submitted to the Ministry before the project is commissioned for operation. Sewage will be treated up to tertiary level. The treated sewage will be reused for gardening and flushing purpose. STP construction work is in progress.
(xxiii)	Permission to draw ground water shall be obtained from the competent Authority prior to construction/ operation of the project.	We are not using ground water for construction purpose.
(xxiv)	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	We will provide dual plumbing line for separation of gray and black water
(xxv)	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.	Water efficient sanitary features include showers, low flush, dual cistern will be provided.
(xxvi)	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.	The use of glass is less than 40%
(xxvii)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Noted

(xxviii)	Energy conservation measures like installation of CFLs/TFLs for 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 systems. Project proponent should install, after checking feasibility, solar plus hybrid non conventional energy source as source of energy.	Solar street lights and solar hot water system will be provided.
(xxix)	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 DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	We will provide the enclosed type DG sets for common area like Staircase lift lobby, water and Sewage Pumps, STP, OG tanks etc.
(xxx)	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.	The noise levels are monitored regularly from MoEF recognized laboratory Noise Monitoring report is attached
(xxxi)	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.	Site is accessible by Pokharan Road no 2. In project layout proper 6m and 9 m driveway have been provided. We will provide the parking as per the local authority norms.
(xxxii)	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Opaque wall is not provided as it was not considered while designing the project.
(xxxiii)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation	The Buildings have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation to the premises.

(xxxiv)	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	The Regular supervision is carried out by the project in-charge and supervisors are trained in Environmental Management measures.
(xxxv)	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	We have obtained Environmental Clearance Vide Letter No. SEAC-2015/CR-135/TC-1 dt.18.07.2016
(xxxvi)	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	We are submitting herewith the 6 monthly compliance reports
General Conditions for Post – construction/operation phase		
i)	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.	STP, green belt facilities will be developed. MSW Facility will be provided.
(ii)	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 existing premises. Local authority should ensure this.	Wet garbage will be treated by Organic Waste Converter and treated waste (manure) is utilized in the existing premises for gardening. And, no wet garbage is being disposed outside the existing premises.
(iii)	Local body should ensure that no occupation certificate will be issued prior to operation of STP/MSW site with due permission of MPCB.	Noted. STP, green belt facilities will be developed.
(iv)	A complete set of all the documents submitted to Department should be forwarded to the MPCB.	We have submitted all the project details and plans to MPCB while applying to Consent to Established and accordingly MPCB has granted us Consent for establishment vide letter no. Format.1.0/BO/CAC-cell/EIC-TN-15/CE/CAC-6351 dated 13.05.2016
(v)	In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Department.	NA. Due to change in FSI calculations, we have applied for the expansion (vertical) of the existing project.

(vi)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate funds will be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up is as given in Annexure:
(vii)	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 be reported to the MPCB & this department.	Separate funds will be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up is as given in Annexure:
(viii)	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://envis.maharashtra.gov.in	The advertisement was given in two local newspapers and the same is attached as annexure.
(ix)	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.	We are submitting the compliance report to the MoEF, MPCB and Environmental Department Mantralaya.
(x)	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.	Noted. The copy of clearance letter is submitted to municipal corporation.

(xi)	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 level 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.	Noted.
(xii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	We are submitting herewith Compliance monitoring reports to MoEF, Nagpur and MPCB.
(xiii)	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 Officers of MoEF by e-mail.	Noted & will be complied.
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 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.	There are no litigations pending against this project.

5	In case of submission of false document and noncompliance of stipulated conditions, Authority/ Environment department will revoke or suspend the environmental clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	We Agree
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.	We Agree
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid for a period of 7 years as per MoEF & CC Notification dated 29 th April, 2015.	Noted
8	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any	NA
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.	We Agree
10	Any appeal against this environmental 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.	Noted

Annexure – I

SOLID WASTE MANAGEMENT PLAN

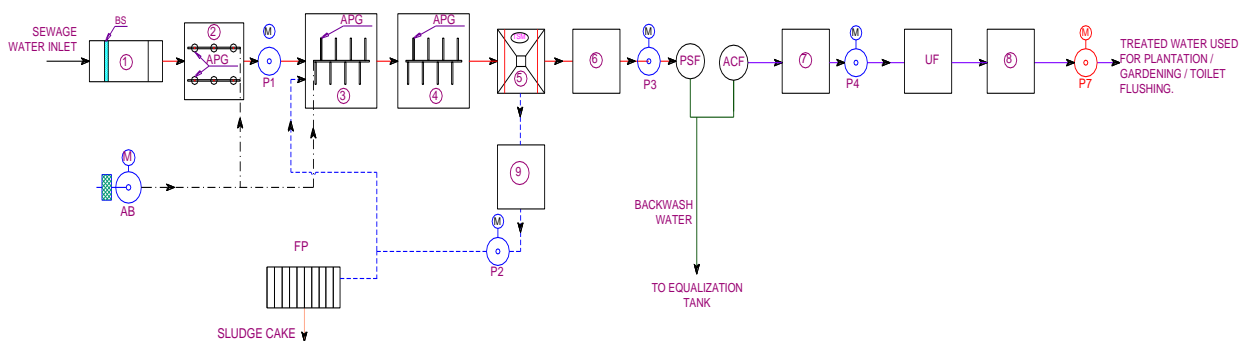
- Wet Garbage: 841 kg/day.
- Dry Garbage: 560 kg/day.
- The biodegradable and non-biodegradable waste will be segregated at source of waste generation. Then this will be separately disposed in municipal waste disposal system.
- Biodegradable garbage will be composted using mechanical composting

ANNEXURE II

SEWAGE TREATMENT PLANT

Technology Used: Moving Bed Biofilm Reactor (MBBR)

STP – 375 KLD



	PROCESS UNIT
Sr. No.	PARTS NAME
1.	Screen Chamber cum Oil & Grease Chamber
2.	Equalization tank
3.	MBBR 1 tank
4.	MBBR 2 tank
5.	Tube settler
6.	Supernatant Tank
7.	UF Feed Tank
8.	Treated Water Tank
9.	Sludge Sump

ANNEXURE III

WATER BUDGET

Particulars	No of Flats /rooms /Cars	Occupancy	Total Population	Water Requirement Basis (in lpcd)*		Total Water Requirement/ person	Water Demand KLD
				Domestic	Flushing		
Residential							
Flats	550	5	2,750	90	45	135	371
Convenience Shops	122.47 m2		12	15	30	45	1
Club house			100	15	30	45	5
Total (A)	550		2,863				376
Swimming pool make up (B)							8
Total (A+B)							384
Sewage Generation					90 % of Domestic & 100 % of Flushing Requirement		351
Sludge					1 % of Sewage Generation		4
Recycling for Flushing							
Residential							
Flats	550	5	2,750		45	45	124
Convenience Shops	122.47 m2		12		30	45	1
Club house			100		30	30	3
Total	550		2,863				127
Gardening	5932.78					5 l/m2	30
Excess Treated Water to Municipal Sewer							190

*Subject to amendment (if any)

ANNEXURE IV**ENVIRONMENTAL MANAGEMENT PLAN
DURING CONSTRUCTION PHASE**

Sr. No.	Environmental Components	Predicted Impacts	Probable source of Impact	Mitigation Measures	Remarks
CONSTRUCTION PHASE					
1.	Ambient Air Quality	Negative impact inside construction site premises. No negative impact outside site.	Dust emissions from excavation, air emissions from machinery and other construction activities at site.	Dust reduction measures such as road watering. Periodic maintenance of construction equipment. Use of good quality fuels. Use of Personal Protective Equipments	Impacts are temporary during construction phase. Impacts will be confined to short distances, as coarse particles will settle within the short distance from activities.
2.	Noise	Negative impact near noise generation sources inside premises. No significant impact on ambient noise levels in the surrounding area.	Noise generated from construction activities and operation of construction equipment and DG sets	Use of well maintained equipment. Heavy construction activity limited to day-time hours only. Use of noise mufflers in and construction vehicle. Use of earplugs/muffs by construction staff.	Temporary impacts during construction phase. No blasting or other high noise activities envisaged.
3.	Water	No significant negative impact.	Surface runoff from project site. Oil/fuel and waste spills. Improper debris disposal. Discharge of sewage from labour camp.	Silt fences to reduce run-off Secondary containment and dykes in material storage areas. Sewage treatment in septic tanks.	Labour will be employed to reduce size of labour camps. No perennial surface water resource adjacent to site. No excavation work will be done.

4.	Land	Minor negative impact	Excavation, Construction debris, waste from labour camp.	Reutilization and recycling of construction debris Waste from labour camps will be collected and composted on site. Non compostable waste will be transported to landfill site. Topsoil will be conserved and used for landscaping in functional phase.	-
5.	Aesthetics	Minor negative impacts	Construction activities and Excavation	The impacts will be compensated by extensive tree plantation and gardening in the use phase.	Short term impact restricted only in the initial stages of construction.

ANNEXURE V**EMP COST**

Component	Capital Cost (Rs. In Lakhs)	O & M Cost (Rs. In Lakhs/year)	Frequency
STP (Tertiary)	30	8	Continuous O & M Environment Monitoring: Monthly, STP outlet water quality for pH, BOD, COD, SS, FC, Nitrate, Phosphate and O&G
Solar Hot water and Solar Street Light	21	3	Quarterly
Rainwater harvesting	12	4	During rainy season (cleaning of SWD, Contour trenches and filtration units before rainy season)
Solid Waste Composting plant	35	8	Continuous O & M Environment Monitoring: Monthly to assess the compost quality
Landscape	40	8	Daily
Environmental Monitoring		5	As per the CPCB guidelines through MoEF Approved laboratories
Total Cost	138	36	

*Subject to amendment (If Any)

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THE FREE PRESS JOURNAL

Ardent Properties Private Limited

Our proposed Residential Project on Property bearing S. No. 280/2B/2, 281/2A/1A, 288/2D/1B village Majiwade, Pokharan Road No. 02, Tal & Dist. Thane was accorded the Environmental Clearance from the Environment Department, Government of Maharashtra.

The copies of the Environmental clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the Environment Department, Govt. of Maharashtra web site at <http://ec.maharashtra.gov.in>

मुंबई, बुधवार, १७ ऑगस्ट २०१६

मुंबई, बुधवार, १७ ऑगस्ट २०१६

2

અરહેન્ટ પ્રોપર્ટીઝ પ્રા. લિ

आमच्या सर्वे नं २८०/२ब/२, २८१/२अ/१अ, २८८/२ड/१ब गाव-माजिवडे, पोखरण रोड नंबर ०२, तालुका व जिल्हा. ठाणे येथील निवासी प्रकल्पाला पर्यावरण विभाग, महाराष्ट्र शासन यांच्याकडून पर्यावरण विषयक मंजूरी देण्यात आली आहे.

सदर पर्यावरण विषयक मंजूरीची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांच्या कार्यालयामध्ये आणि पर्यावरण विभाग, महाराष्ट्र शासन यांच्या <http://ec.maharashtra.gov.in> या संकेतस्थळावर उपलब्ध आहे.

भारत शासन
विज्ञान मंत्रालय, विदेशी सेवा विभाग
मुंबई कर्न वसुली न्यायाधिकरण क्र. ३
६ या मजला, सिंधिया हाऊस, सरोजम पोस्टाखी मार्ग,
एन.एंड.टी. हाऊससमोर, बॅंलाई इस्टेट, मुंबई-४०००३८
सूच्यनी: २२६६ ५४७३ फॅक्स: २२६६ ५४७२
समयन परि. १०
ओ.ए. क्र. २४१ हा २०१६
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...अर्जदुर
विरुद्ध
पोषाल शंकर सोनी आनी अन्य ...अतिवर्दी
प्रति,
१. पोषाल शंकर सोनी
गोपनी क: २०१० २२ याजना विनिर्मा क: ६/१० एचसी सीजन

**ANNEXURE VII
SITE PHOTOGRAPHS**

Tower 1A,B SEREIN



Tower 1A SEREIN



Tower 1B SEREIN



Tower 2 SEREIN



Tower 4 SEREIN





Mahabal Enviro Engineers Pvt. Ltd.

Pollution monitoring, Engineers & Contractors in Environmental Management

PROPOSED RESIDENTIAL PROJECT "SEREIN" AT VILLAGE MAJIWADE, TAL. & DIST THANE, MAHARASHTRA.

GROUND WATER ANALYSIS REPORT

May , 2018

Parameter	Units	Sample 1	
Source		RO water	
Location		Project Site	
Date of collection of sample		22.05.2018	
Remark-Grab/Composite		Grab	
Sample collected by	Lab	Thane	
			Limits IS 10500
Colour	Hazen	4	5
Odour		Unobjectionable	
Taste		Agreeable	
pH		7.32	6.5-8.5
Turbidity	NTU	0.4	1
Alkalinity	mg/l	40	200
Total Hardness	mg/l	28	200
Total Dissolved Solids	mg/l	48	500
Chloride	mg/l	18.6	250
Calcium	mg/l	14.2	75
Magnesium	mg/l	8.4	30
Sulphate	mg/l	4.1	200
Copper	mg/l	BDL	0.05
Nitrate	mg/l	BDL	45
Fluoride	mg/l	BDL	1.00
Iron	mg/l	BDL	0.3
Bacteriological Test			
Total coliform	per 100 ml	Absent	Shall not be detectable in 100 ml sample

BDL: Below detectable Limit



Plot No. F-7, Road No.21, Wagle Estate, Thane West - 400604, Maharashtra, India

(600 m from Hotel Rukhmini Palace Turn Opp Toyota Show Room. Near J B Sawant Bus Stop Wagle Agar/Lokmanya Nagar Bus Route)

Phone: 2582 0658/ 3139/ 1663/ 3154 Fax: 91-22-25823543 thane@mahabal.com



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PROPOSED RESIDENTIAL PROJECT "SEREIN" AT VILLAGE MAJIWADE, TAL. & DIST. THANE, MAHARASHTRA.

AMBIENT AIR MONITORING REPORT

May, 2018

Location No.	Unit	P1		
Location Details		At Project Site		
Date of Survey		22.05.2018		
Duration of survey	hr	24		
Temperature Max. / Min.	°C	32/22		
Relative Humidity Max. / Min.	%	68/42	Lab	Thane
Wind Speed Average	Km/hr	7.2	Ref. No.	
			NAAQMS	Units
Particulate Matter (PM) ₁₀	µg/m ³	64.6	100	µg/m ³
Particulate Matter (PM) _{2.5}	µg/m ³	32.2	60	µg/m ³
Sulphur Dioxide (SO ₂)	µg/m ³	24.5	80	µg/m ³
Oxides of Nitrogen (NO _x)	µg/m ³	32.2	80	µg/m ³
Carbon Monoxide (CO)	mg/m ³	0.9	4	mg/m ³

NAAQMS: National Ambient Air Quality Monitoring Standard.

The above parameters of ambient air are within the limits.



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PROPOSED RESIDENTIAL PROJECT "SEREIN" AT VILLAGE MAJIWADE, TAL. & DIST .THANE, MAHARASHTRA.

NOISE MONITORING REPORT

May, 2018

Location No.		1	2		
Details		Project Site (Near Labour camp)	Project Site (At 15 m from Tower 2)	Lab	Thane
Date of Survey		22.05.2018	22.05.2018	Ref. No.	
				NAAQS	Units
A - human ear Fast	Day Time	58.8	64.2	55*	dB(A) Leq
A - human ear Fast	Night Time	48.2	45.8	45*	dB(A) Leq

NAAQS: National Ambient Air Quality Standards

Day Time: Morning 6 AM to 10 PM

Night Time: 10 PM to 6 AM

Note: The noise levels are exceeding the standards during day time and night time levels. This is due to ongoing construction activity at project site and surrounding area.

**As per Code of practice for Controlling Noise prescribed by Noise Pollution Committee from Sources other than Industries and Automobiles, 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. <http://envfor.nic.in/citizen/specinfo/noise.html>*



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PROPOSED RESIDENTIAL PROJECT "SEREIN" AT VILLAGE MAJIWADE, TAL. & DIST .THANE, MAHARASHTRA.

SOIL ANALYSIS REPORT

May 2018

Parameter	Short Name	Unit	Sample
Source	At Project site		Soil
Date of collection of sample			22.05.2018
Remark – Grab / Composite	Grab		
pH		-	7.5
Moisture		%	3.2
Organic Carbon	TOC	%	0.28
Available Nitrogen	N ₂	kg/ha	62.7
Phosphate as	PO ₄	mg/kg	53
Potassium as	K	mg/kg	932
SAR	-	-	10.2
Iron as	Fe	mg/kg	58.2
Zinc	Zn	mg/kg	18.2
Cation Exchange Capacity		Meq/100 gm	11.2

BDL: Below detectable Limit



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PROPOSED RESIDENTIAL PROJECT "SEREIN" AT VILLAGE MAJIWADE, TAL. & DIST. THANE, MAHARASHTRA.

DG SET NOISE MONITORING REPORT - NEAR DG SET

May, 2018

Location No.		2			
Details		Near D.G. SET			
Date of Survey		22.05.2018			
				Lab	Thane
		62.5 kVA	200 kVA	Ref. No.	
				MoEF	Units
A - human ear Fast	Day Time	74.2	74.6	75	dB(A) Leq

MoEF: Ministry of Environment & Forests

All parameters of Noise Level at distance of one meter from D.G. Set are within the permissible limit.

Day Time: Morning 6 AM to 10 PM

Night Time: 10 PM to 6 AM



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PROPOSED RESIDENTIAL PROJECT "SEREIN" AT VILLAGE MAJIWADE, TAL. & DIST .THANE,

DG STACK MONITORING REPORT

May, 2018

Stack Identification No.	Unit	Stack-1	Stack-2		
Attached to		D.G.SET	D.G.SET		
Capacity		62.5 kVA	200 kVA		
Date of Survey		22.05.2018	22.05.2018		
Material of Construction		M.S.	M.S.		
Stack Height	m	3.5	4	Lab	Thane
Stack Shape at Top		Round	Round	Ref. No.	
Stack Diameter at sampling point	m	0.050	0.15		
Type of Fuel		Diesel	Diesel		
Fuel Consumption	L/hr	10	33		
Flue Gas Temperature	°C	152	166		
Flue Gas Velocity	m/sec	13.5	15.5		
Flue Gas Quantity	m ³ /hr	95.3	985.5		
				MPCB Consent Limit	Units
Suspended Particulate Matter (SPM)	mg/Nm ³	26.1	34.6	150	mg/Nm ³
Sulphur Dioxide (SO ₂)	Kg/day	0.35	0.6	NS	Kg/day

The above parameters of Stack emission are within the limits.



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