

Date: December 1, 2023

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

**Subject: Submission of Half Yearly Post Environmental Clearance
Compliance Reports for December 2023...**

**Ref: Environment Clearance Letter No. SEIAA-EC-0000000642
Dated. 19/01/2019.**

Dear Sir,

Please find enclosed herewith the post environmental clearance compliance reports for December 2023.

Thanking you,

Yours faithfully,

For M/s Mainland Builders Pvt. Ltd "Valencia"


Authorised Signatory



Encl: A/a
CC: The Regional Officer MPCB, Pune.

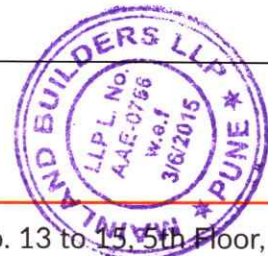
**Part – I
Data Sheet**

1	Project type: River-Valley/Mining/Industry/Thermal/Nuclear/Other (specify).	Residential & Commercial Project
2	Name of the project	“Valencia” by M/s Mainland Builders Pvt. Ltd.,
3	Clearance letter (s)/OM No. and date	SEIAA-EC-0000000642 Dated. 19/01/2019.
4	Location: a) District (s) b) State (s) c) Location Latitude/Longitude	Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Pune. Maharashtra Longitude – 18°34'33.9"N Latitude – 73°59'56.4"E
5	Address for correspondence Address of the Concerned Project Chief Engineer (with Pin Code & telephone/telex/fax numbers)	Mr. Kedar Sherlekar 312, Metro House, Mangaldas Road, Pune-411001 Contact Number: -9890664442 Email ID: kedarsherlekar@gmail.com
6	Salient features	
	a) Of the project	Attached Annexure – I
	b) Of the Environmental management plans	Attached Annexure – II
7	Break up of the project area	Total Plot Area – 14375.80 sq.m. Total Built-up Area – 26505.16 sq.m.
	a) Submergence area: forest and non-Forest	N. A.
	b) Others	N. A.
8	c) Break up of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units only agricultural land only Both dwelling units & agricultural land & landless laborers/artisans:	N. A.



	a) SC, ST/Adivasi	N. A.
	b) Others	N. A.
9	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	84.00 Crores
	b) Allocation made for environmental management plans with item wise and year wise and break-up	Attached, Annexure – III
	c) Benefit cost ratio/Internal rate of Return and the year of assessment	---
	d) Whether © includes the cost of environmental management as shown in the above	Yes.
	e) Actual expenditure incurred on the project so far	84.00 Crores (Up to Nov 2023)
10	Forest land requirement	
	a) The status of approvals for diversion of forest land for non-forestry use.	N. A.
	b) The status of clearing felling	N. A.
	c) The status of compensatory afforestation, if any	N. A.
	d) Comments on the viability & Sustainability of compensatory a Forestation programme in the light of actual field experience so far	N. A.
11	The status of clear felling in non-forest areas (Such as submergence area or reservoir, approach Roads.), if any with Quantitative information required.	N. A.

[Handwritten Signature]



12	Status of construction (Actual &/or planned)	<p>The Project involves construction of Residential & Commercial–</p> <p>A: Ground Parking + Stilt Parking +12</p> <p>B: Ground Parking + Stilt Parking +12</p> <p>C: Basement + Lower Ground + Upper Ground + 9</p> <p>236 tenements; convenient shops and offices</p> <p>Till date status of construction is as below: (Up to Nov 2023)</p> <p>A = Completed.</p> <p>B = Completed.</p> <p>C = Completed.</p>
	a) Date of commencement (Actual &/or planned)	June 1 st 2019
	b) Date of completion (Actual &/or planned)	May 26, 2023
13	Reason for the delay if the project is yet to start.	N. A.

Name: Mr. Kedar Sherlekar

Signature:

Date:

December 1, 2023



LIST OF ANNEXURES

Sr. No.	Particulars	Annexure No.
1	Salient Features of The Project	I
2	Environment Management Plan	II
3	Cost of Environment Management Plan	III
4	Compliance of Environment Clearance Condition	IV
5	Environment Monitoring Report	V
6	Copy of Environment Clearance	VI
7	Copy of Advertisement in Newspaper	VII
8	Copy of Environment Statement	VIII
9	Copy of Consent to Establish & Consent to Operate	IX

Annexure I

Salient Features of the Project

Project site	“Valencia” by M/s Mainland Builders Pvt. Ltd. , Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune.
Construction & Development	The Project is proposing development as below: Residential & Commercial– A: Ground Parking + Stilt Parking +12 B: Ground Parking + Stilt Parking +12 C: Basement + Lower Ground + Upper Ground + 9 236 tenements; convenient shops and offices
Total Plot Area	14375.80 sq.m.
Total Built Up Area	26505.16 sq.m.
Water required	120.00 M ³ /day
Estimated Project Cost	Rs. 84.00 Crores
Nearest railway stations	Hadapsar Railway station – 11.8 KM
Nearest Airport	Pune Airport is about 12.0 KM from the site & It is connected by direct flights to Mumbai, Delhi, Bangalore, etc

Annexure II

Environmental Management Plan

Construction Phase	AIR ENVIRONMENT	<ul style="list-style-type: none">▪ During Construction ready mix concrete in enclosed container shall be used.▪ Dust Control : Water Sprinkling, Cover on roads▪ Barricades provided along with the periphery of the site.▪ Dust covers shall be provided on trucks that would be used for transportation▪ DG as per CPCB norms.▪ Ambient air quality monitoring for the parameters SO₂, NO_x, PM₁₀, PM_{2.5}.
	WATER ENVIRONMENT	<ul style="list-style-type: none">▪ Provision of Temporary toilets. 5 Nos. toilets for 50 workers▪ Disposal through packaged STP & treated water will be used for curing purpose.▪ Water. Analysis for the parameters of IS:10500
	LAND ENVIRONMENT	<ul style="list-style-type: none">▪ Separate storage of Construction material

Continue...

Construction Phase

NOISE ENVIRONMENT

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

BIOLOGICAL ENVIRONMENT

- Plantation of trees 190 Nos. will start in mid of construction of proposed Phase.

SOCIO – ECONOMIC ENVIRONMENT

- Adequate Drinking water, Toilet and bathing facilities 5 Nos. of toilets for 50 workers.
- Proposed project will require manpower during construction phase thereby creating job opportunities.
- Personal protective and safety equipments will be provided.
- First aid facility (First aid box).

Continue...

Operational Phase	AIR ENVIRONMENT	<ul style="list-style-type: none">▪ Providing Green Belt around the site. (182 No. of trees)▪ Acoustical Enclosures for DG set.▪ Ambient air quality monitoring for the parameters SO₂, NO_x, PM₁₀, PM_{2.5}.▪ Insist for PUC certified vehicles for flat owners.
	WATER ENVIRONMENT	<ul style="list-style-type: none">▪ The sewage will be treated in full fledged sewage treatment plant 200 m³/day and sewage shall be reused for in-house flushing and landscaping (84 m³/day).▪ The storm water management▪ Rain water Harvesting will be implemented (01 nos. of recharge pits.)
	LAND ENVIRONMENT	<ul style="list-style-type: none">▪ Segregation at source for all solid waste streams▪ Proper disposal of waste through well managed Solid waster Management team.▪ 277 kg/day Dry waste will be given to Authorized vendor.▪ 372 kg/day Wet waste will be composted and will be used as manure after treatment on OWC.

Continue...

Operational Phase

NOISE ENVIRONMENT

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

BIOLOGICAL ENVIRONMENT

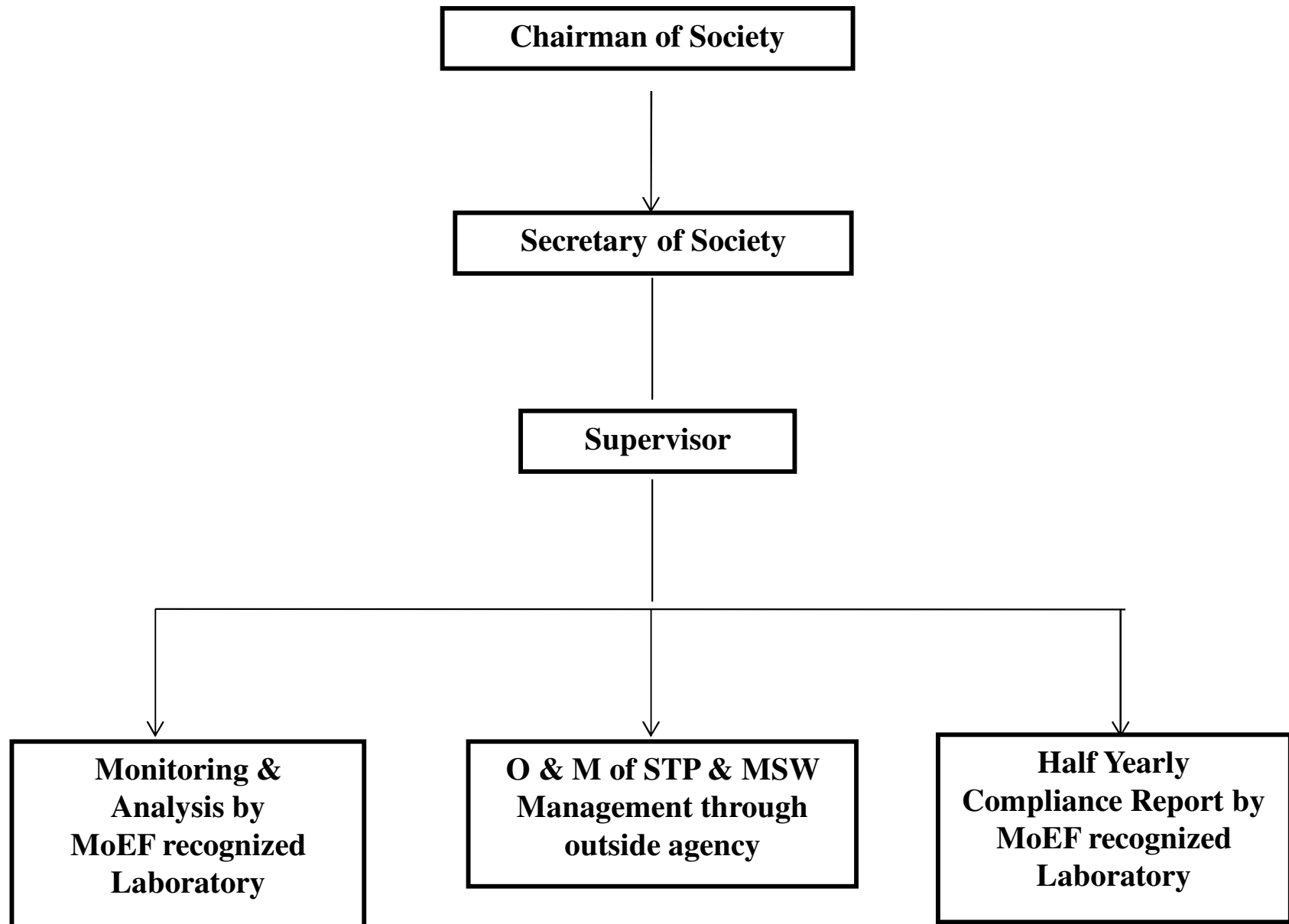
- Landscaping.
- Plant species selected based on adaptability to geographic conditions and keeping in view the local species and their benefits to site

SOCIO – ECONOMIC ENVIRONMENT

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

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

Environmental Management Cell



Annexure III

Cost of Environmental Management Plan

Sr. No.	Description	Capital Cost (Rs.)	O & M Cost Per Annum, (Rs.)
1	STP	30.00 Lakh	3.00 Lakh/Year
2	RWH	0.80 Lakh	0.96 Lakh/Year
3	MSW (OWC)	7.00 Lakh	1.80 Lakh/year
4	Solar Energy	81.54 Lakh	14.14 Lakh / year
5	Storm water networking	25.00 Lakh	1.00 Lakh / year
6	Green belt	27.80 Lakh	4.45 Lakh/Year
7	Safety training and awareness	9.00 Lakh	-
8	Environmental expenditure	-	1.50 Lakh/year
9	Water supply through tankers	12.00 Lakh (for 3 months)	-
	TOTAL	193.14 Lakh	26.85 Lakh/Year

Annexure IV

Annexure IV

Status report on compliance of Environment Clearance conditions

Specific Conditions:

Sr. No.	Specific Conditions	Compliance Status
i	PP has submitted undertaking that they will not give possession till NOC from Grampanchyat to laying the SWD along with road line is obtained.	Noted.
ii	SEIAA decided to grant EC for FSI area 15094.32 m2, Non FSI area 11410.84 m2 & Total BUA 26505.16 m2(IOD no. BHA/1580/16-17, Approval Date- 15.03.2017)	Noted.
iii	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.	Noted.

General Conditions:

Sr. No.	EC General Conditions	Compliance Status
i	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	If E waste generates, we will dispose the same to authorised E waste Reprocessor.
ii	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	We have obtained occupancy certificate. Water & Sewer line available at project site.
iii	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separated on merit.	Forest clearance & wild life NOC not applicable for this project.
iv	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Noted, we will strictly follow the conditions stipulated by SEAC & SEIAA.
v	The height, Construction built up area of proposed construction shall be in accordance	we will construct as per approval of local body.

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

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

xxi	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. 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.	Environment monitoring of Noise & Air analysis reports is attached.
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).	We will use fly ash brick for proposed construction.
xxiii	Ready mixed concrete must be used in building construction.	RMC is Used.
xxiv	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Proper storm water control system will be provided.
xxv	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other	We will do the same.
xxvi	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Ground water will not be used for the project.
xxvii	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	We have installed the STP Plant. Treated water used only Flushing & gardening.

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.	Ground water will not be used for 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.	We have done the same.
xxx	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	We have done the same.
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.	We have done the same.
xxxii	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	We have done the same.
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.	We have done the same.
xxxiv	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during Construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution	We have obtained Consent to Establishment & Consent to Operate from MPCB. Copy is attached.

	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.	Noise monitoring carrying out. Reports are attached.
xxxvi	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Traffic congestion will be avoided. Sufficient internal parking has been provided.
xxxvii	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement	We have maintained the same for existing building & We will maintain the same for proposed building.
xxxviii	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	We have maintained adequate distance between two buildings of existing phase & will do for proposed phase.
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.	It Should be taken.
xl	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	We have obtained Environment Clearance & copy is attached.
xli	Six monthly monitoring reports should be submitted to the regional office MoEF, Bhopal with copy to this department and MPCB.	We will regularly submit the Post Environment clearance report to MoEF, Nagpur & MPCB Offices.
xlii	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line	We will do the same.

	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.	
xlili	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	OWC is provided.
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.
xlvi	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	We have submitted.
xlvi	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	We have agreed for the same.
xlvi	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards	Provided.
xlvi	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	Provided.
xlvi	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://parivesh.nic.in .	Advertisement was given. Copy is attached.

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.	We will submit the same.
li	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	We will send the same to local body and uploaded on web site.
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.	We will provide and maintain the same.
liii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	We will regularly submit the Post Environment clearance report to MoEF, Nagpur & MPCB Offices.
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	We have regularly submitted the same. Copy is attached.

	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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Annexure V

ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/AA/RE/401
To.	Report Date	25/11/2023
M/s Mainland Builders Pvt. Ltd.	Type of Monitoring	Ambient Air
"Valencia" Gat no. 887 (P), 888	Test Location	Near Main Gate
(P), 889 (P), 890 (P), Wagholi, Tal.	Lab Reference No.	NLES/23-24/11/AA/401
Haveli, Dist. Pune	Date of Sampling	20/11/2023
	Date of Analysis	21/11/2023 To 24/11/2023

OBSERVATION

Ambient Temp. °C	Dry Bulb Temp. °C	Wet Bulb Temp. °C	Relative Humidity % RH	Time of Sampling	Sampling Duration in Min
30	30	26	73	11:45	1440

RESULTS

Sr. No.	Description	Results	NAAQ Standards	Unit	Standard Method
1	Sulphur Dioxide (SO ₂)	21.12	≤ 80	µg/m ³	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO _x)	30.68	≤ 80	µg/m ³	IS 5182(Part6):2006
3	Particulate Matter PM ₁₀	50.16	≤ 100	µg/m ³	IS 5182(Part23):2006
4	Particulate Matter PM _{2.5}	18.57	≤ 60	µg/m ³	WI/Lab/Ambient/04
5	*Carbon Monoxide (CO)	0.40	≤ 4.0	mg/m ³	IS 5182(Part10):1999
6	*Ozone	19.18	≤ 180	µg/m ³	IS5182 (Part9):1974
7	Lead (Pb)	BDL	≤ 1.0	µg/m ³	IS 5182(Part22):2004
8	Ammonia (NH ₃)	BDL	≤ 400	µg/m ³	WI/Lab/Ambient/06
9	Benzene (C ₆ H ₆)	BDL	≤ 5.0	µg/m ³	IS 5182(Part11):2006
10	Benzo(a) Pyrene (BaP)	BDL	≤ 1.0	ng/m ³	IS 5182(Part12):2004
11	Arsenic (As)	BDL	≤ 6.0	ng/m ³	IS 11124: 1984
12	Nickel (Ni)	BDL	≤ 20	ng/m ³	IS12122: 1987

REMARKS/OBSERVATIONS:

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

Reviewed By

Kalyani
(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

Abhishek
(Mr. Abhishek Tope)
(Quality Manager)

*****End of Report*****

Terms and Conditions

- This Report is valid for tested sample only
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES

Page 1 of 1

ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/AA/RE/402
To. M/s Mainland Builders Pvt. Ltd. "Valencia" Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune	Issue Date	25/11/2023
	Type of Monitoring	Ambient Air
	Test Location	Near STP Plant
	Lab Reference No.	NLES/23-24/11/AA/402
	Date of Sampling	20/11/2023
	Date of Analysis	21/11/2023 To 24/11/2023

OBSERVATION

Ambient Temp. °C	Dry Bulb Temp. °C	Wet Bulb Temp. °C	Relative Humidity % RH	Time of Sampling	Sampling Duration in Min
30	30	26	73	12:15	1440

RESULTS

Sr. No.	Description	Results	NAAQ Standards	Unit	Standard Method
1	Sulphur Dioxide (SO ₂)	20.01	≤ 80	µg/m ³	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO _x)	28.14	≤ 80	µg/m ³	IS 5182(Part6):2006
3	Particulate Matter PM ₁₀	48.80	≤ 100	µg/m ³	IS 5182(Part23):2006
4	Particulate Matter PM _{2.5}	17.56	≤ 60	µg/m ³	WI/Lab/Ambient/04
5	*Carbon Monoxide (CO)	0.37	≤ 4.0	mg/m ³	IS 5182(Part10):1999
6	*Ozone	19.62	≤ 180	µg/m ³	IS5182 (Part9):1974
7	Lead (Pb)	BDL	≤ 1.0	µg/m ³	IS 5182(Part22):2004
8	Ammonia (NH ₃)	BDL	≤ 400	µg/m ³	WI/Lab/Ambient/06
9	Benzene (C ₆ H ₆)	BDL	≤ 5.0	µg/m ³	IS 5182(Part11):2006
10	Benzo(a) Pyrene (BaP)	BDL	≤ 1.0	µg/m ³	IS 5182(Part12):2004
11	Arsenic (As)	BDL	≤ 6.0	ng/m ³	IS 11124: 1984
12	Nickel (Ni)	BDL	≤ 20	ng/m ³	IS12122: 1987

REMARKS/OBSERVATIONS:

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

Reviewed By

Kalyani
(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

Abhishek Tope
(Mr. Abhishek Tope)
(Quality Manager)

*****End of Report*****

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ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/ST/RE/403
To. M/s Mainland Builders Pvt. Ltd. "Valencia" Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune	Dated	25/11/2023
	Type of Monitoring	Source Emission Stack Monitoring
	Test Location	D. G. Set - 200 KVA
	Lab Reference No.	NLES/23-24/11/ST/403
	Date of Sampling	20/11/2023
	Date of Analysis	21/11/2023 To 24/11/2023

STACK DETAILS

Sr. No.	Description	Result	Unit
1	Material of Stack	MS	--
2	Time of Sampling	12:45	Hrs
3	Stack height from GL	5.0	Mtr
4	Type of Stack	Round	--
5	Fuel Gas Temperature	368	°k
6	Differential Pressure	2.8	mmWG
7	Velocity	6.09	m/s
8	Dimensions of Stack	0.15	Meter
9	Stack Area	0.01766	M ²
10	Gas Volume	313.52	NM ³ /Hr

RESULTS

Sr. No.	Description	Result	Unit	MPCB Standard	Standard Method
1	Particulate Matter	58.40	mg/Nm ³	≤150	IS 11255 (Part 1):1985
2	Sulphur Dioxide (SO ₂)	41.12	mg/Nm ³	N.S.	IS 11255 (Part 2):1985
3	Sulphur Dioxide (SO ₂)	0.30	kg/day	≤24	IS 11255 (Part 2):1985

REMARKS/OBSERVATIONS:

- All above results are within as per MPCB Standard.
- N.S.: Not Specified

Reviewed By

Kalyani
(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

Abhishek
(Mr. Abhishek Tope)
(Quality Manager)

*****End of Report*****

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ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/ST/RE/404
To. M/s Mainland Builders Pvt. Ltd. "Valencia" Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune	Dated	25/11/2023
	Type of Monitoring	Source Emission Stack Monitoring
	Test Location	D. G. Set - 330 KVA
	Lab Reference No.	NLES/23-24/11/ST/404
	Date of Sampling	20/11/2023
	Date of Analysis	21/11/2023 To 24/11/2023

STACK DETAILS

Sr. No.	Description	Result	Unit
1	Material of Stack	MS	--
2	Time of Sampling	13:20	Hrs
3	Stack height from GL	5.0	Mtr
4	Type of Stack	Round	--
5	Fuel Gas Temperature	381	°k
6	Differential Pressure	3.5	mmWG
7	Velocity	6.93	m/s
8	Dimensions of Stack	0.15	Meter
9	Stack Area	0.01766	M ²
10	Gas Volume	344.60	NM ³ /Hr

RESULTS

Sr. No.	Description	Result	Unit	MPCB Standard	Standard Method
1	Particulate Matter	61.18	mg/Nm ³	≤150	IS 11255 (Part 1):1985
2	Sulphur Dioxide (SO ₂)	46.80	mg/Nm ³	N.S.	IS 11255 (Part 2):1985
3	Sulphur Dioxide (SO ₂)	0.39	kg/day	≤33.6	IS 11255 (Part 2):1985

REMARKS/OBSERVATIONS:

- All above results are within as per MPCB Standard.
- N.S.: Not Specified

Reviewed By

Kalyani
(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

Abhishek
(Mr. Abhishek Tope)
(Quality Manager)

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ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/NI/RE/405
To. M/s Mainland Builders Pvt. Ltd. "Valencia" Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune	Issue Date	25/11/2023
	Type of Monitoring	Ambient Noise
	Lab Reference No.	NLES/23-24/11/NI/405
	Date of Sampling	20/11/2023

Results

Sr. No.	Test Location	Unit	Readings	
			Day Time	Night Time
01	Near Main Gate	dB(A)	53.3	42.4
02	Near STP Plant	dB(A)	51.9	40.5
03	Near Building "A"	dB(A)	48.8	41.2
04	Near Building "B"	dB(A)	49.2	40.8
05	Near Building "C"	dB(A)	47.5	42.2
06	Near DG Set	dB(A)	53.4	44.3

REMARKS/OBSERVATIONS:

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

Reviewed By

Kalyani
(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

Abhishek
(Mr. Abhishek Tope)
(Quality Manager)

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ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/DW/RE/406
To. M/s Mainland Builders Pvt. Ltd. "Valencia" Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune	Issue Date.	25/11/2023
	Date of Collection	20/11/2023
	Lab Reference No.	NLES/23-24/11/DW/406
	Date of Analysis.	21/11/2023 To 24/11/2023

Nature of Sample	Sample Name	Sample Collected By
Drinking Water	Drinking Water	Neetal Laboratories and Environmental Services Private Limited

Results

Sr. No.	Parameter	Results	Units	IS:10500 : 2012 Acceptable Limits	Standard Method
1	Colour	1	Hazen	≤5	APHA 23 rd Edition, 2120 B
2	Odour	Agreeable	-	Agreeable	APHA 23 rd Edition, 2150 B
3	Turbidity	Nil	NTU.	≤1.0	APHA 23 rd Edition, 2130 B
4	pH	7.48	-	6.5-8.5	APHA 23 rd Edition, 4500-H+B
5	Total Alkalinity	31.6	Mg/lit	≤200	APHA 23 rd Edition, 2320 B
6	Electrical Conductivity	272	μs/cm @25°C	NS	APHA 23 rd Edition, 2510 B
7	Total Hardness	40.8	Mg/lit.	≤200	APHA 23 rd Edition, 2340 C
8	Calcium	26.2	Mg/lit.	≤75	APHA 23 rd Edition, 3500-Ca B
9	Magnesium	9.14	Mg/lit.	≤30	APHA 23 rd Edition, 3500-Mg B
10	Total Dissolved Solid	65	Mg/lit.	≤500	APHA 23 rd Edition, 2540 C
11	Chloride	18.4	Mg/lit.	≤250	APHA 23 rd Edition, 4500 B
12	Sulphate	5.2	Mg/lit.	≤200	APHA 23 rd Edition, 4500 SO ₄ ²⁻ -E
13	Iron	BDL	Mg/lit.	≤0.3	APHA 23 rd Edition 3111 B
14	MPN	Absent	MPN/100ml	Shall not be detectable in 100 ml sample	APHA 23 rd Ed.9222 H
15	E-Coli	Absent	MPN/100ml	Shall not be detectable in 100 ml sample	APHA 23 rd Ed.9222 H

REMARKS/OBSERVATIONS:

- All the above parameters are within IS 10500: 2012 Std Limits.
- BDL:** Below detection limit for Iron is <0.03 mg/lit
- NS:** Not Specified.

Reviewed By

Kalyani
(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

Abhishek
(Mr. Abhishek Tope)
(Quality Manager)

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ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/SI/RE/407
To. M/s Mainland Builders Pvt. Ltd. "Valencia" Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune	Issue Date.	25/11/2023
	Date of Collection	20/11/2023
	Lab Reference No.	NLES/23-24/11/SI/407
	Date of Analysis.	21/11/2023 To 24/11/2023

Nature of Sample	Sample Name	Sample Collected By
Soil	Soil Sample	Neetal Laboratories and Environmental Services Private Limited


Results

Results				Standard Methods
Sr. No.	Parameter	Results	Units	
1.	pH of 10% Suspension	7.42	-	Indian Soil Testing Manual January 2011
2.	Conductivity	5.95	dS/m	
3.	Bulk Density	4.01	gm/cm ³	
4.	Partical Density	4.37	gm/cm ³	
5.	Sodium Adsorption Ratio	14.43	--	
6.	Organic Matter	3.28	%	
7.	Potassium (as K)	262	Kg/ha	
8.	Phosphorous (as P)	21.45	Kg/ha	
9.	Texture	Loam	---	
10.	Percentage Of Different Components			
	1. Sand	34	%	
	2. Silt	38	%	
	3. Clay	28	%	

Reviewed By

(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope)
(Quality Manager)

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ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/WW/RE/408
To. M/s Mainland Builders Pvt. Ltd. "Valencia" Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune	Issue Date.	25/11/2023
	Date of Collection	20/11/2023
	Lab Reference No.	NLES/23-24/11/WW/408
	Date of Analysis.	21/11/2023 To 24/11/2023

Nature of Sample	Sample Name	Sample Collected By
Sewage Water	STP Outlet	Neetal Laboratories and Environmental Services Private Limited

Results

Sr. No.	Parameter	Results	Units	MPCB Standard	Standard Method
1	pH	7.58	--	5.5-9.0	APHA 23rd Ed.,4500-H+B
2	Chemical Oxygen Demand	21.8	mg/lit.	≤50	APHA 23rd Ed.,5220-B
3	Biological Oxygen Demand @ 27°C for 3 days	8.1	mg/lit.	≤10	APHA 23rd Ed.,5210 B
4	Total Suspended Solids	17	mg/lit.	≤20	APHA 23rd Ed.,2540 D
5	Oil & Grease	Nil	mg/lit.	≤10	APHA 23rd Ed.,5520 B


REMARKS/OBSERVATIONS:

- All the above parameters are within MPCB Standard.

Reviewed By

(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

(Mr. Abhishek Tope)
(Quality Manager)

*****End of Report*****

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ANALYSIS REPORT

Client's Name & Address	Report No.	NLES/23-24/11/O/RE/409
To. M/s Mainland Builders Pvt. Ltd. "Valencia" Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal. Haveli, Dist. Pune	Issue Date.	25/11/2023
	Date of Collection	20/11/2023
	Lab Reference No.	NLES/23-24/11/O/409
	Date of Analysis.	21/11/2023 To 24/11/2023

Nature of Sample	Sample Name	Sample Collected By
Compost	Compost Sample	Neetal Laboratories and Environmental Services Private Limited

Results

Sr. No.	Parameter	Results	Units
1	PH	6.9	-
2	Moisture	17.40	%
3	Colour	Blackish brown	--
4	Odour	Absence of foul smell	--
5	Bulk Density	0.68	g/cm ³
6	Total Organic Carbon	25.5	%
7	Total nitrogen as N	1.4	%
8	Total phosphate as P ₂ O ₅	0.63	%
9	Potash, as K ₂ O	0.54	%
10	C: N Ratio	18.2	-
11	Particle Size	74% pass through 4.0mm Sieve	%

Reviewed By

Kalyani
(Ms. Kalyani Gore)
(Technical Manager)



Authorized Signatory

Aphishek
(Mr. Aphishek Tope)
(Quality Manager)

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AN ENVIRONMENTAL LABORATORY RECOGNISED UNDER EPA, ENVIRONMENT (PROTECTION) ACT BY (MoEF & CC) MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE

Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

Website : www.neetalenvirolab.com, Email: sales@neetalenvirolab.com / neetalenviro@gmail.com, Mob. 8669699854 / 52

Annexure VI



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: January 19, 2019

To,
Mainland Builders Pvt. Ltd.
at Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Pune

Subject: Environment Clearance for Environmental clearance for residential cum commercial construction project
Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 74th 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 151st meetings.

2. It is noted that the proposal is considered by SEAC-III under screening category Not applicable as per EIA Notification 2006.

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

1.Name of Project	Valencia
2.Type of institution	Private
3.Name of Project Proponent	Mainland Builders Pvt. Ltd.
4.Name of Consultant	Not required
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Pune
9.Taluka	Haveli
10.Village	Wagholi
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	IOD In process IOD/IOA/Concession/Plan Approval Number: Not applicable Approved Built-up Area:
13.Note on the initiated work (If applicable)	Site office, sample flat, Building A upto 9 floors, Building B upto 12 floors constructed. area: 11297.86 sqm as per sanction BHA/1580 year 16-17
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	14375.80 sqm
16.Deductions	5905.11 sqm
17.Net Plot area	8469.89 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 17270.28 sqm Non FSI area (sq. m.): 18163.23 sqm Total BUA area (sq. m.): 35433.51 sqm
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	1190 sqm approx

SEIAA Meeting No: 151 Meeting Date: January 16, 2019 (SEIAA-STATEMENT-0000000144)
SEIAA-MINUTES-0000000916
SEIAA-EC-0000000642

Page 1 of 12

Shri. Anil Diggikar (Member Secretary SEIAA)

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	14 %
21.Estimated cost of the project	840000000



Government of Maharashtra

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	Wagholi Gram Panchayat		
	Fresh water (CMD):	120 KL		
	Recycled water - Flushing (CMD):	71 KL		
	Recycled water - Gardening (CMD):	13 KL		
	Swimming pool make up (Cum):	Not applicable		
	Total Water Requirement (CMD) :	204 KL		
	Fire fighting - Underground water tank(CMD):	200 KL		
	Fire fighting - Overhead water tank(CMD):	25 KL for each building		
	Excess treated water	95 KL		
Wet season:	Source of water	Wagholi Gram Panchayat		
	Fresh water (CMD):	120 KL		
	Recycled water - Flushing (CMD):	71 KL		
	Recycled water - Gardening (CMD):	0		
	Swimming pool make up (Cum):	Not applicable		
	Total Water Requirement (CMD) :	191 KL		
	Fire fighting - Underground water tank(CMD):	200 KL		
	Fire fighting - Overhead water tank(CMD):	25 KL for each building		
	Excess treated water	108 KL		
Details of Swimming pool (If any)	Not applicable			

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	120	120	0	10%	10%	0	179	179
Gardening	0	13	13	0	13	13	0	0	0

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	6-7 m below ground
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	1 no. of recharge pit with bore
	Size of recharge pits :	2m x 2m x 3m
	Budgetary allocation (Capital cost) :	Rs 80,000
	Budgetary allocation (O & M cost) :	Rs 9,600 per annum
	Details of UGT tanks if any :	Residential: Domestic UGT: 160 KLD Flushing UGT: 94 KLD Fire UGT: 200 KLD Commercial: Domestic UGT: 21.30 KLD Flushing UGT: 27 KLD

26.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	745.65 cum/day
	Size of SWD:	300 mm x 300 mm to 300 mm x 670 mm

27.Sewage and Waste water	Sewage generation in KLD:	179
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. 200 KLD capacity
	Location & area of the STP:	Please refer layout
	Budgetary allocation (Capital cost):	Rs 30,00,000/-
	Budgetary allocation (O & M cost):	Rs 3,00,000/- per annum

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of total raw materials
	Disposal of the construction waste debris:	Excavated earth material will be used for filling material for plinth area and top soil for landscaping
Waste generation in the operation Phase:	Dry waste:	277 kg/day
	Wet waste:	372 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	20 kg/day
	Others if any:	Not applicable
Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	OWC
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	Not applicable
Area requirement:	Location(s):	Please refer layout
	Area for the storage of waste & other material:	35 sqm
	Area for machinery:	15 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 7,00,000/-
	O & M cost:	Rs 1,80,000/- per annum

Government of
Maharashtra

29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7-7.5	6.5-7.5	Not applicable
2	Total Suspended solids	mg/lit	200-300	<10	Not to exceed 50
3	Oil & grease	mg/lit	10	<5	Not applicable
4	BOD	mg/lit	200-300	<10	Not to exceed 10
5	COD	mg/lit	350-400	<50	Not to exceed 100
6	Total nitrogen	mg/lit	40-50	<10	Not applicable
7	Phosphates	mg/lit	5-7	<2	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 sent 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			

**Government of
Maharashtra**

30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details						
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

32.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
Source of Fuel		Not applicable		
Mode of Transportation of fuel to site		Not applicable		

33.Energy		
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	10 KW
	DG set as Power back-up during construction phase	40 KVA
	During Operation phase (Connected load):	1426.7 KW
	During Operation phase (Demand load):	802 KVA
	Transformer:	630 KVA x 1; 315 KVA x 1
	DG set as Power back-up during operation phase:	Residential: 200 KVA x 1; Commercial: 330 KVA x 1
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not applicable

34.Energy saving by non-conventional method:	
- Auto timer control for external and common lighting. - Use of LED lamps in all public/ common areas. - Electronic V3F Drives for Elevators - Alternate Solar PV panel power for common area lighting.	

36.Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	Common area lighting using Timer Logic Controller	18250 KWH/annum
2	Electronic VVF drive for lift	2202 KWH/annum
3	External lighting	7590 KWH/annum
4	Pu,p load energy saving	2447 KWH/annum

37.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed

Not applicable	Not applicable		Not applicable				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 81,54,000/-					
	O & M cost:	Rs 14,14,040/- per annum					
38.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Erosion control	Dust suppression measures and barricading	Rs 5,00,000/-				
2	Site safety	Safety nets, ear muffs, sign boards for workers	Rs 4,00,000/-				
3	Site sanitation	Mobile toilets and its maintenance for workers	Rs 2,00,000/-				
4	Disinfection and health check up	Disinfection of water, maintening hygienic conditions for workers	Rs 1,50,000/-				
5	Environmental monitoring	Air, water, noise, soil monitoring	Rs 1,00,000/-				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	STP	Operation and installation	Rs 30,00,000/-	Rs 3,00,000/-			
2	Rain water harvesting	Internal piping	Rs 80,000/-	Rs 9600/-			
3	Storm water networking	Upto final disposal	Rs 25,00,000/-	Rs 1,00,000/-			
4	Solid waste management	OWC operation and installation	Rs 7,00,000/-	Rs 1,80,000/-			
5	Green belt	Planting trees and maintaining trees and lawn	Rs 27,80,000/-	Rs 4,45,000/-			
6	Solar Energy	Installation and operation	Rs 81,54,000/-	Rs 14,14,040/-			
7	Safety training and awareness	Fire safety awareness training	Rs 9,00,000/-	0			
8	Environmental expenditure	ir, water, noise, soil monitoring	0	Rs 1,50,000/-			
9	Water supply through tankers	in case of emergency	Rs12.00,000/- (for 3 months)	0			
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	Not applicable
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	16-02-2016

3. The proposal has been considered by SEIAA in its 151st meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP has submitted undertaking that they will not give possession till NOC from Grampanchayat to laying the SWD along with road line is obtained.
II	SEIAA decided to grant EC for FSI area 15094.32 m ² , Non FSI area 11410.84 m ² & Total BUA 26505.16 m ² (IOD no. BHA/1580/16-17, Approval Date- 15.03.2017)
III	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.

General Conditions:

I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC& SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
VI	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
VIII	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
IX	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to 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.

XXI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XXII	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.
XXIII	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.
XXIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XXV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XXVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XXVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XXVIII	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.
XXIX	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.

Government of Maharashtra

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

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

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

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

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

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

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



Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. MUNICIPAL COMMISSIONER PUNE
6. MUNICIPAL COMMISSIONER SATARA
7. REGIONAL OFFICE MPCB PUNE
8. REGIONAL OFFICE MIDC PUNE
9. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
10. COLLECTOR OFFICE PUNE
11. COLLECTOR OFFICE SATARA
12. COLLECTOR OFFICE SOLAPUR

Government of
Maharashtra



Annexure VII

जाहीर सूचना

महाराष्ट्र सरकार, पर्यावरण विभाग, खोली क्र. २१७, दुसरा मजला, मंत्रालय, मुंबई - ४०००३२ यांनी त्यांच्या पत्र क्र. SEIAA-EC-0000000642 दिनांक १९ जानेवारी २०१९, द्वारे मे. मेनलँड बिल्डर्स प्रायव्हेट लिमिटेड. पुणे ह्यांच्या रहिवासी आणि व्यावसायिक प्रकल्पासाठी पर्यावरण विषयक परवानगी दिली आहे.

सदर पर्यावरण विषयक परवानगीच्या प्रती आपल्या माहितीसाठी महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे उपलब्ध असून महाराष्ट्र शासन पर्यावरण विभागाच्या पुढील संकेत स्थळावर पाहू शकता. <http://ec.maharashtra.gov.in>.

मे. मेनलँड बिल्डर्स प्रायव्हेट लिमिटेड “वालेंसिया”

गट नं. ८८७ (P), ८८८ (P), ८८९ (P), ८९० (P),
वाघोली, ता. हवेली, जि. पुणे.

seen on the website of the
Maharashtra at <http://parivesh.nic.in/>

Date : 10/08/2022

Place : Pune

Sd/-

M/s. Sukhwani Ramchandani LLP

PUBLIC NOTICE

Government of Maharashtra Environment Department, Room No. 217, 2nd Floor, Mantralaya Annexe, Mumbai - 400 032, has accorded environmental clearance No. SEIAA-EC-0000000642 Dated 19th January 2019 for Residential & Commercial Project of M/s. Mainland Builders Pvt. Ltd. Pune.

Copies of the Clearance letter are available with Maharashtra Pollution Control Board & May also be seen at website of Government of Maharashtra, Department of Environment <http://ec.maharashtra.gov.in>.

M/s. Mainland Builders Pvt. Ltd. “Valencia”

Gat no. 887 (P), 888 (P), 889 (P), 890 (P),
Wagholi, Tal. Haveli, Dist. Pune.

PUBLIC NOTICE

KNOW ALL MEN by this Notice given to public at large that, my clients viz

Annexure VIII



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-0000060775

Submitted Date

29-09-2023

PART A

Company Information

Company Name

Mainland Builders Pvt. Ltd.

Application UAN number

156308

Address

Gat no. 887 (P), 888 (P), 889 (P), 890 (P),
Wagholi, Tal. Haveli, Dist - Pune

Plot no

Gat no. 887 (P), 888 (P), 889 (P), 890 (P)

Taluka

Haveli

Village

Wagholi

Capital Investment (In lakhs)

8400.00

Scale

LSI

City

Pune

Pincode

412207

Person Name

Mr. Kedar Sherlekar

Designation

Partner

Telephone Number

9890664442

Fax Number

00

Email

kedarsherlekar@gmail.com

Region

SRO-Pune I

Industry Category

Orange

Industry Type

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

**Last Environmental statement
submitted online**

yes

Consent Number

Format1.0/CC/UAN
No.0000156308/CO/2305002065

Consent Issue Date

2023-05-26

Consent Valid Upto

2027-04-30

Establishment Year

2019

**Date of last environment statement
submitted**

Sep 10 2022 12:00:00:000AM

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

Product Information

Product Name

Project involves construction of 02 nos. of residential buildings & 01 no. commercial
Building on total Plot area 14375.80 sq. mtr and construction area 26505.16 sq. mtr.

**Consent
Quantity**

0

Actual Quantity UOM

0

CMD

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

CMD

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		
	0.00	0.00		
Cooling	0.00	0.00		
Domestic	204.00	190.00		
All others	0.00	0.00		
Total	204.00	190.00		

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
Sewage	179.00	167.00	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	
Project involves construction of 02 nos. of residential buildings & 01 no. commercial Building on total Plot area 14375.80 sq. mtr and construction area 26505.16 sq. mtr.	0	0	CMD	

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
Building Materail	0	0	CMD

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	306.60	22.00	KL/A

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)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
PH	0.03058	7.63	0	5.5 9	0
TSS	0.056122	14	0	20	0
COD	0.076632	19.12	0	50	0
BOD	0.028056	7.0	0	10	0
Oil & Grease	0	0	0	10	0

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

DG Set 200 KVA SPM	0.4743	57.86	0	150	0
DG Set 200 KVA SO2	0.33	40.67	0	0	0
DG Set 330 KVA SPM	0.5398	62.72	0	0	0
DG Set 330 KVA SO2	0.39	45.36	0	0	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0.00	0.00	Ltr/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Wet Waste	300	325	Kg
Wet Waste	300	325	Kg
Dry Waste	220	245	Kg
Dry Waste	220	245	Kg
STP Sludge	15	16	Kg
STP Sludge	15	16	Kg

2) From Pollution Control Facilities

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

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
0	0	0	Kg

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
5.1 Used or spent oil	0	Ltr/A	0

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
-------------------------------	--------------------	-----	------------------------------

Wet Waste	325	Kg	Solid
Wet Waste	325	Kg	Solid
Dry Waste	245	Kg	Solid
Dry Waste	245	Kg	Solid
STP Sludge	16	Kg	Solid
STP Sludge	16	Kg	Solid

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)
Company carrying out Environmental Monitoring on regular basis.	0	0	0	0	30.00	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)
Tree Plantation	Protect Soil Erosion	20.00

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
0	0	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Kedar Sherlekar, Partner

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000060775

Submitted On:

29-09-2023

Annexure IX

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24044532/4024068/4023516
Website: <http://mpcb.gov.in>
Email: jdwater@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/JD (WPC)/UAN No.0000148551/CE/2301002374

Date: 31/01/2023

To,
M/s. Mainland Builders Pvt. Ltd.
Gat no. 887 (P), 888 (P), 889 (P), 890 (P),
Wagholi, Tal: Haveli Dist: Pune



Your Service is Our Duty

Sub: Consent to Establish for proposed Residential Cum commercial Construction Project granted under red category.

Ref: Environment Clearance granted vide No. SEIAA-EC-0000000642 dtd. 19.01.2019

Your application NO. MPCB-CONSENT-0000148551

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:

- The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.**
- The capital investment of the project is Rs.84 Cr. (As per C.A Certificate submitted by industry).**
- The Consent to Establish is valid for proposed Residential Cum commercial Construction Project named as M/s. Mainland Builders LLP, Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Pune, Tal: Haveli, Dist: Pune on Total Plot Area of 14375.80 SqMtrs for construction BUA of 26505.16 SqMtrs as per EC granted dated 19.01.2019 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance dtd.19.01.2019	14375.80	26505.16

- 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	179.00	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
1	DG Set 200 KVA	1	As per Schedule -II
2	DG Set 330 KVVA	1	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet Waste	372 Kg/Day	OWC	Use as a Manure
2	Dry Waste	277 Kg/Day	NIL	Sale

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
NA					

8. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies
10. PP shall provide STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
11. 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 utilized on land for gardening
12. PP shall submit BG to from total sum of Rs. 10 Lakhs towards compliance of consent to establish condition
13. PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility for the treatment of wet garbage.
14. Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
15. 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
16. The project proponent shall make provision of charging of electric vehicles in at least 30 % of total available parking area
17. The project proponent shall take adequate measures to control dust emission and noise level during construction phase
18. The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-EC-0000000642 dtd. 19.01.2019 for construction project having total plot area of 14375.80 Sq.mtr and total construction BUA of 26505.16 Sq.mtr as per specific condition of EC

19. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance/CRZ Clearance



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Signed by: **Dr. Y.B.Sontakke**
Joint Director (WPC)
For and on behalf of,
Maharashtra Pollution Control Board
jdwater@mpcb.gov.in
2023-01-31 15:12:42 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	125000.00	TXN2209001986	19/09/2022	Online Payment
2	625000.00	TXN2301000676	06/01/2023	Online Payment

PP has submitted the Rs 625000/- as a penal fees.

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.
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 MBBR based Sewage Treatment Plants (STPs) of combined capacity **200 CMD for treatment of domestic effluent of 179.00 CMD.**
- 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	204.00
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.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG Set 200 KVA	Acoustic Enclosure	5.00	HSD 50 Ltr/Hr	1	SO ₂	24 Kg/Day
S-2	DG Set 330 KVA	Acoustic Enclosure	5.00	HSD 70 Ltr/Hr	1	SO ₂	33.6 Kg/Day

- 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
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement 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	Consent to Establish	Rs. 10 Lakh	15 days	Compliance of consent conditions	Commissioning of the Unit	Commissioning of the Unit

** 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
NA						

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 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.

- 5 Conditions for D.G. Set
- a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) 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.
- 6 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.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

This certificate is digitally & electronically signed.

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.0000156308/CO/2305002065

Date: 26/05/2023

To,
M/s. Mainland Builders Pvt. Ltd.
Gat no. 887 (P), 888 (P), 889 (P), 890 (P),
Wagholi, Tal: Haveli Dist: Pune



Your Service is Our Duty

Sub: Consent to Operate for housing construction project under Red Category

Ref: Consent to Establish granted vide no. Format1.0/JD (WPC)/UAN
No.0000148551/CE/2301002374 dtd 31.01.2023

Your application NO. MPCB-CONSENT-0000156308

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / 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:

- The Consent to operate is granted for period upto 30.04.2027**
- The capital investment of the project is Rs.84 Cr. (As per C.A Certificate submitted by industry).**
- The Consent to Operate is valid for housing construction project named as M/s Mainland Builders LLP, Gat no. 887 (P), 888 (P), 889 (P), 890 (P), Wagholi, Tal Haveli, Dist Pune on Total Plot Area of 14375.80 SqMtrs for total construction BUA of 26505.16 SqMtrs as per specific condition of EC granted dated 19.01.2019 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance dtd.19.01.2019	14375.80	26505.16
2	Consent to Establish dtd 31.01.2023	14375.80	26505.16

- 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	179.00	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 200 KVA	1	As per Schedule -II
S-2	DG Set 330 KVA	1	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet Waste	372 Kg/Day	OWC with Composting	As Manure
2	Dry Waste	277 Kg/Day	Segregation	To Local Body
3	STP Sludge	17 Kg/Day	Dewatering	As Manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	50	Ltr/A	Reprocessing	To Authorized Reprocesser

8. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry
 9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies
 10. PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility for the treatment of wet garbage.
 11. Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
 12. The project proponent shall make provision of charging of electric vehicles in at least 30 % of total available parking area
 13. The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-EC-0000000642 dtd. 19.01.2019 for construction project having total plot area of 14375.80 Sq.mtr and total construction BUA of 26505.16 Sq.mtr as per specific condition of EC
 14. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance.
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



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Signed by: Dr. J. B. Sangewar
Joint Director (WPC)
For and on behalf of,
Maharashtra Pollution Control Board
jdwater@mpcb.gov.in
2023-05-26 13:05:08 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	250000.00	TXN2212003300	22/12/2022	Online Payment
2	250000.00	TXN2305003382	24/05/2023	Online Payment
3	767062.00	TXN2305003392	24/05/2023	Online Payment

PP has paid penal Fees of Rs 767062.00**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.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

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Terms & conditions for compliance of Air Pollution Control:

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 - 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	Consent to Operate	Rs. 10 Lakh	Existing	Compliance of Consent Conditions & Operation and maintenance of Pollution Control Systems	Continuous	31.08.2027

** 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.

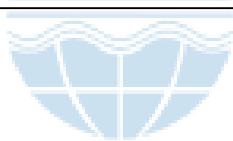
Existing BG obtained for above purpose if any may be extended for period of validity as above.

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
NA						

BG Return details

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



SCHEDULE-IV

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
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- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.

- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.

