

# MAHARASHTRA POLLUTION CONTROL BOARD

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

Consent order No :- **Format1.0/BO/CAC-cell/EIC-KN-6700-15/CE(part & amalgamation)/CAC- 16216**  
Date- 23/12/2015

To,  
M/s. Lodha Dwellers Pvt. Ltd.  
Lodha Pavillion, Apollo Mills Compound,  
N.M. Joshi Marg, Mahalaxmi, Mumbai-11.

Subject: Consent to Establish (Phase-1B) with Amalgamation with existing C to E (Phase-1A) For Residential Township project under Orange category.

Ref :

1. Consent to Establish granted vide no BO/CAC-Cell/RO-KN/EIC-KN-6545-13/E(part)/CAC-610 dtd. 20.01.2014.
2. Environmental Clearance granted by Environment Department, GoM vide no. SEAC2013/CR-298/TCI dated 19.06.2013.
3. Your Application approved in 10<sup>th</sup> CAC meeting of 2015-2016 held on 23.11.2015

Your application CE1502000417

Dated: 23.01.2015

For: Consent to Establish (Phase-1B) with Amalgamation with existing C to E (Phase-1A) For Residential Township project under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Consent to Establish (Phase-1A & 1B) is granted for a period up to commissioning of the project or upto 20.01.2019 whichever is earlier.
2. The proposed capital investment (Phase-1A & 1B) of the project is 2981.5 Crs. (As per undertaking submitted by project proponent) and total capital investment of the whole township project is Rs. 11,292 crs.(as per EC accorded)
3. The Consent to Establish (Phase-1A & 1B) is valid for Residential township named as "PALAVA" of M/s. Lodha Dwellers at

Village Hedutane

49,50,51,52,53,54,55/1,55/2A,55/2B,55/2C,55/2D,55/3A,55/3B,55/3C,56/3A,56/3B,57,58/1,58/2,58/3,58/4,59/2A,59/2B,59/2C,59/2D,59/5,60,61,63,64,65/1,65/2,66/1,66/2,67,68,68/1,69,70,71/1,71/2,72,73,73/2,74/1,74/2,75,77,78,79,242,242/1A,242/1B,242/2,242/3A,242/3B,242/4A,242/4B,242/8A,242/8B,242/8C,242/8D(P),242/8D(P),244/1A&B,244/2,244/3A,244/3B,244/5/6/7&8,245,246,266,266/3A,266/3B,266/4,266/5,267/P

Village Khoni.

27/A,27/B,27/C,29/1A/1,29/1B/1,29/2,30,32,33,34,35,36,37,38,39/3,39/4,39/5,40/1,40/2,42,43,44,45,45/1,46,47,48,49,50,51,52,53,54,54/4/A,54pt.,55,55/1,55/2A,55/2B,55/3C,55/9,56,61,61pt.,62/A(p),62/A(p),62/C,62/D,62pt.,63/1A,63/1B,63/1C,63/2,64/1A,64/1B,64/1C,65,66,67,68,69/1,69/2,70,71/A,71/B,72,73/1,73/2,78,89/2A,89/2C,90,91/1,91/2A,91/2B,91/2C,91/3,92,93/1,93/2,93/3,93/4,93/5,93/6,93/7,93/8,94/1,94/2,94/3,94/4,94/5,94/6,94/7,95/1,95/2,95/3,96/1,96/2A,96/2B,96/3,97,98,99,100/1,100/2,101,102,103,104,105,106pt.,114,139,139/1,139/2A,139/2B,139/4,140A,141,142,143/1 & 2,144,145,147, 149, 148,150, ,154, 158, 174.

Village Khoni.

37, 38, 42, 43, 44, 45, 55, 56, 64, 66, 78, 100/2, 139, 140A, 141, 142, 143, 143/1/2/3, 145, 147, 169, 170, 174.

Village Antarli:

19, 23, 24, 28, 29.

Village Umbroli.

6pt, 8, 11, 12, 13, 14, 52, 53 & 55.

on plot area of 13,60,556.38 sq.m (out of total plot area 36,30,065 sq.m.) and total Construction BUA of 27,69,848.46 sq.m. (out of total BUA 1,04,90,968 sq.m) including services and utilities as per the construction commencement certificate issued by local body.

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	16003.04	As per Schedule -I	The treated effluent qty. 8858.91 CMD shall be recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining 6984.1 CMD shall be to used for construction and irrigation purpose.

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG set (100 KVA)	1	As per Schedule -II
2.	DG set (150 KVA)	1	As per Schedule -II
3.	DG set (200 KVA)	1	As per Schedule -II
4.	DG set (250 KVA)	1	As per Schedule -II
5.	DG set (300 KVA)	1	As per Schedule -II
6.	DG set (400 KVA)	1	As per Schedule -II
7.	DG set (500 KVA)	1	As per Schedule -II

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

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	25639 Kg/Day		Bio-methanation
2	Non-biodegradable	13,967.4 Kg/Day	--	Recycle/hand over to local body

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

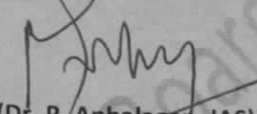
Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
N.A.						

8. The 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 authorities.

10. PP shall submit the affidavit in Board's prescribed format within 15 days in the prescribed format regarding the compliance of conditions of EC/ CRZ clearance and C to E.
11. The applicant shall comply with the conditions stipulated in Environmental Clearance granted Environment Department, GoM SEAC2013/CR-298/TCI dated 19.06.2013.
12. Survey Numbers has to be considered by Local Authority as per the letter of Environment Depart dtd. 13.06.2014.
13. This consent is having overriding effect over the earlier Consent to Establish granted vide no BO/CAC-Cell/RO-KN/EIC-KN-6545-13/E(part)/CAC-610 dtd. 20.01.2014.

For and on behalf of the  
Maharashtra Pollution Control Board

  
(Dr. P. Anbalagan, IAS)  
(Member Secretary)

Received Consent fee of –

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1.	19,89,400/-	371974	07.01.2015	Kotak Mahindra bank Ltd.
2.	20,55,610/-	373109	30.04.2015	Kotak Mahindra bank Ltd.

Copy to:

1. Regional Officer –Kalyan and Sub-Regional Officer-Kalyan-I, MPCB,  
-- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

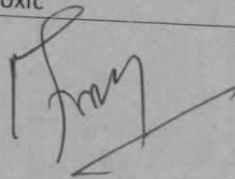
- 1) A) As per your application, you have proposed to install Sewage Treatment Plants (STPs) with the design capacity of 21,500 KLD (5 STPs) (MBR based).
- B) The Applicant shall operate the sewage treatment plants (STPs) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	BOD (3 days 27oC )	30
02	Suspended Solids	50
03	COD	100
04	Residual Chlorine	1ppm

C) The treated effluent quantity 8858.91 CMD shall be recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc (for flushing (Residential): 5813.33 CMD, for flushing (Commercial): 1036.8 CMD, for flushing (Amenity): 646.32 CMD, Water recycled for gardening: 1112.46 CMD, Water Body makeup: 250 CMD) and remaining quantity 6984.1 CMD shall be used for construction and irrigation purpose. In no case effluent shall find its way to any water body directly /indirectly at any time.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of 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) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I 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	00
2.	Domestic purpose	20,003.8
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	00



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

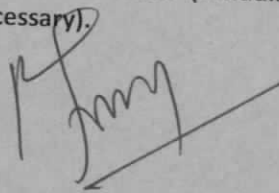
Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
1.	DG set (100 KVA)	Accoustic enclosure	2.0 *	Diesel	22 Lit/day	1	0.44
2.	DG set (150 KVA)		2.4 *		22 Lit/day	1	0.44
3.	DG set (200 KVA)		2.8 *		22 Lit/day	1	0.44
4.	DG set (250 KVA)		2.3 *		22 Lit/day	1	0.44
5.	DG set (300 KVA)		2.3 *		22 Lit/day	1	0.44
6.	DG set (400 KVA)		2.3 *		22 Lit/day	1	0.44
7.	DG set (500 KVA)		2.3 *		22 Lit/day	1	0.44

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

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

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
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3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement 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).



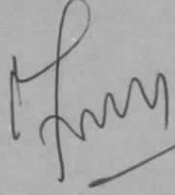
**Schedule-III**  
**Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG	Compliance Period	Validity Date++
1	Consent to Establish (Phase-I)	Rs. 10 lakh	Within 15 days of issue of consent	Towards compliance of consent conditions	Up to validity of this consent	Validity of this Consent + 4 months

\*\* 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.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months

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

  
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Schedule-IV

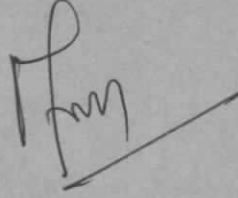
**Conditions during construction phase:**

a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	Noise 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.

**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 Municipal Solid Waste (Management & Handling) Rule 2000, 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their 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 MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.

- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) 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.**



Maharashtra Pollution Control Board