

Present Status of Pimpri Chinchwad



Maharashtra Pollution Control Board, Pune

City Profile: Pimpri Chinchwad

- Population: 17,29,320 (As of 2011 India [census](#))

- **Location:**

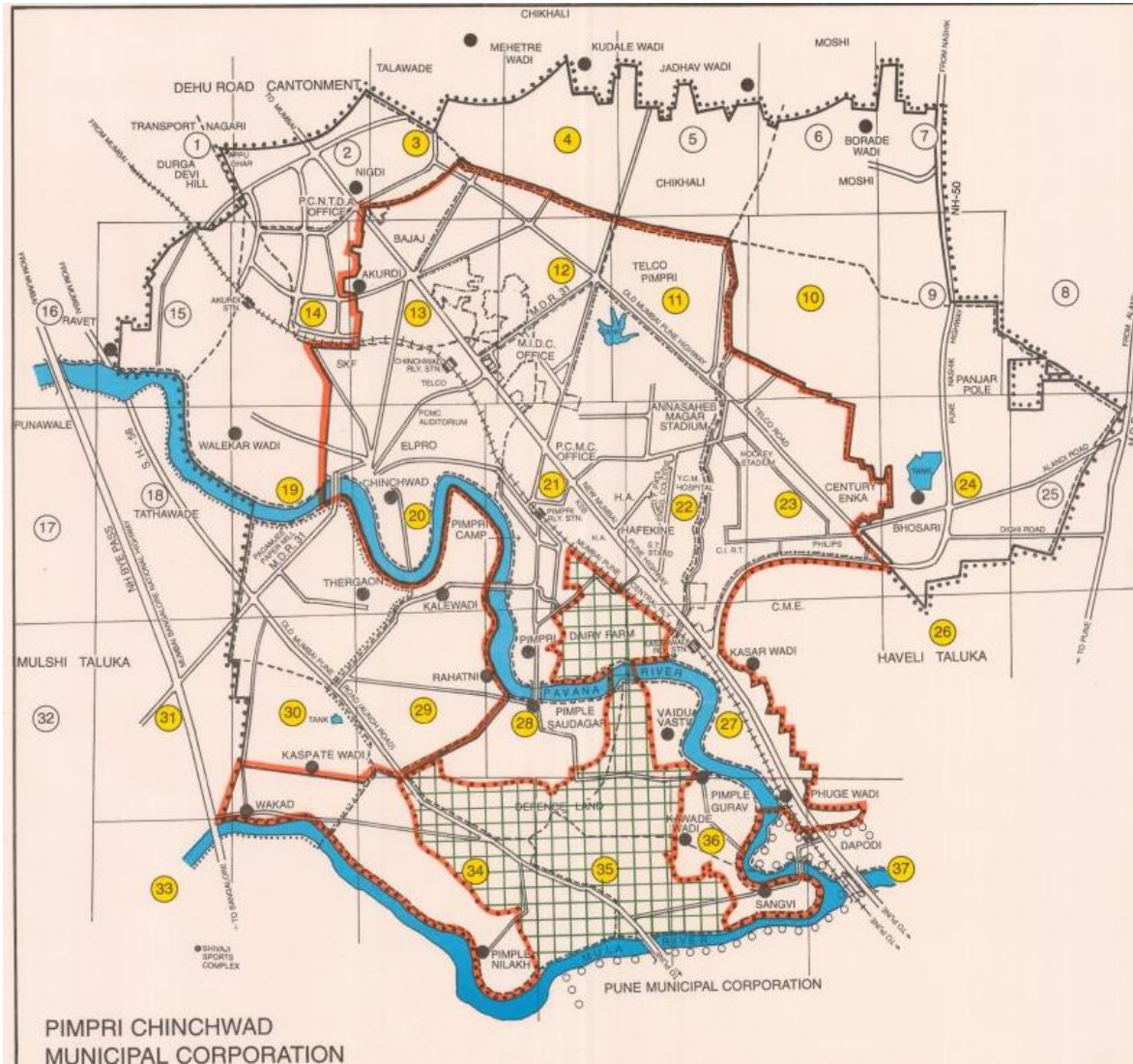
18°37'07.04" N latitude
& 73°48'13.43" E longitude

- **Industrial Estate:**

- i) MIDC Bhosari
- ii) MIDC Pimpri
- iii) MIDC Chinchwad
- iv) MIDC Talwade

- **Industrial Cluster:**

- PCNTDA
- Chikali
- Talwade



CEPI Score (Air, Water, Land and Total)

| No | Industrial Area/clusters | Air | Water | Land | CEPI |
|----|--------------------------------|-------|-------|-------|------------------------|
| 62 | Pimpri Chinchwad (Maharashtra) | 55.25 | 52.50 | 46.00 | 66.06 Ac_Ws_Ln * |

**** Ac-Air Critical; Ws-Water Severe; Ln-Land Normal***

Action Plan w.r.t. CEPI

- MPC Board, Pune has prepared an action plan for Pimpri Chinchwad in year 2012 according to CEPI with stake holders like PCMC & MIDC.
- ✓ Water Pollution
- ✓ Air Pollution
- ✓ Solid Waste Management

Water Pollution

CETP for SSI Units

99% units are SSI hence CETP for these industries is proposed by PCMC and MIDC. DPR is prepared by M/s. Ultra Tech, Environmental Consultancy, Pune and submitted to PCMC on 19/07/2016.

PCMC has submitted said DPR to MIDC on 4/10/2016 for implementation

STP

- PCMC sewage generation 291 MLD
- STP Provided 13 No
- Total treatment capacity 338 MLD
- Present Treatment 240 MLD
- Untreated sewage 51 MLD
- (To treat 51 MLD untreated sewage PCMC has proposed to catch and redirect into existing STPs)

Provision of STP in Residential complex

- Board issued consent to operate for residential projects who generates 50 CMD / 100 tenants who have completed their STP.
- Sewage indirectly mixed into environment through various nallhas from slum areas app 51 CMD.
- PCMC has proposed for new STP for slum area.

MSW Leachate treatment plant:

- PCMC has provided leachate treatment plant to Moshi MSW site and it is in operation.

Air Pollution

- **Strengthening of APC measures :**
Presently maximum industries are shifted from PCMC area to MIDC Chakan. Many units has upgraded its APC systems.
- **Adoption of Cleaner Fuel:**
MPC Board has instructed to the industries to switch over to cleaner fuel
- **Control of Fugitive Measures:**
After instruction of the Board Most of the electroplating industries in PCMC has installed wet scrubber.

Vehicular Pollution

- Many major industries now allowed vehicles those are complied with PUC certification for transportation.
- Board has already instructed to industries and RMC units to install sprinklers to control fugitive emissions.
- PCMC has provided 3 stage overfly at Nashik phata, Chikhali-Spine Road, Dange Chouk and also prepared future planning.
- PCMC has developed traffic and road condition and also make future provision for same .
- PCMC has installed three continuous ambient air quality monitoring station.
- MPC Board propose to install CAAQM station at two locations.

Municipal Solid Waste Management

- **Operation of MSW facility:**
MSW site is in operation 420 TPD of MSW and 12 TPD STP sludge is treated by vermi-composting.
- MPC Board has instructed to industrial units for use of biodegradable packaging material.

Short term and long term measures

Short term

- Improvement in collection , segregation and transportation of MSW.
- Improvement in public transportation.
- Regular cleaning of road with proper disposal of debris.
- Awareness for green fuel.

Long term

- Improvement in internal sewerage system.
- Proposed for STPs with disposal arrangement.
- Scientific management of MSW.
- Development of Green zone.
- Provision for CAAQM station

Thank You

