



# Presentation on Activities of the Board [2003-2006]



**Maharashtra Pollution Control Board**  
**June 25, 2006**



# Perfection of Goal and Objectives!

## Vision Statement

“Improvement in Board’s  
**Functional Efficiency,**  
**Transparency in Operations** and  
**Adequate Response to Growing**  
**Needs of Environmental**  
**Protection and**  
**Sustainable Development**  
in the State of Maharashtra”





# Improved Functional Efficiency

## Transparent and speedy operations !

- Fast disposal of consent, authorization, NOC and conducting of public hearing etc.
  - On line monitoring of consent status enabled through website of MPCB
  - Disposal time reduced to average 30 days as against 120 days admissible under the Act!
  - Analysis report within 15 days



Year	Consents / Authorizations (BMW/HWM/MSW/Plastic)
2003-04	9,375
2004-05	16,955
2005-06	12,855





# Improved Functional Efficiency

## Improvement in Analytical Capabilities !

- Strengthening and Modernization of Central and Regional Laboratories

Year	No. of Samples Analyzed (Air/Water/HW)	Surveillance Visits
2003-04	23,582	16,172
2004-05	25,987	17,033
2005-06	26,115	19,046





## Improved Functional Efficiency

Year	Revenue Generated	Pollution load from CETP (COD)	Haz. Waste removed	Hospital waste removed
2003-04	Rs. 22 cr	105,370 MT	15,000 MT	375 MT
2005-06	Rs. 82 cr	36,759 MT	335,245 MT	15482 MT

### Through

- Consent fees / Analysis charges
- Cess and Central Assistance
- Enforcement (Levy of fines, waste minimization, cleaner technologies, Forfeiture of bank guarantee)



# Improved Functional Efficiency

## Judicious use of Punitive Powers !

- Accelerated disposal of pending cases:
  - Reduced court cases and Cess appeals
- Minimized filing of new cases in the Court:
  - Improved performance by Industries/CETP
  - Ensured performance through pursuance
- Pro-active actions and positive response to judiciary :
  - Appreciations by Supreme Court, Mumbai High Court, Human Right Commission! (MSW, HWM, Noise, Kurkumbh, Mill Lands in Mumbai, Mahabaleshwar, etc.)







# Response to the Growing Needs!

## Improved Infrastructure !

- Environmental Information Centre, Coordination, Redressing of Public Complaints and Environmental Planning
- New Sub-regional offices at Latur, Parbhani, Bhandara and Bhivandi
- New office / lab premises at Mumbai, Kalyan, Nanded, Nashik, Nagpur and Satara
- Refurbishing of Offices / labs at Aurangabad, Nashik, Pune, Nagpur, Chiplun, Kalyan, Kolhapur, Thane, Navi Mumbai, Satara, Nanded, Mumbai
- Construction & furnishing of Central Laboratory at Navi Mumbai

MPCB, Sion, Mumbai



MPCB, Nagpur



MPCB, Kalyan



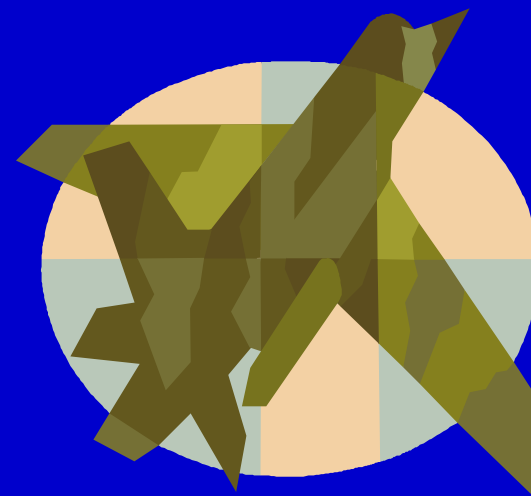


# Response to the Growing Needs!

## Timely Response!

### ■ Office automation

- All the offices/labs provided with electronic documentation & communication facilities such as computers, internet, electronic data transfer, etc.



### ■ Increased mobility & communication

- Ambient air monitoring vans
- Field equipment, monitoring vans,
- cell phones, bio-monitoring, etc.







# Response to the Growing Needs!

## Improved Strengths!

- Increased involvement of R&D organizations & Educational Institutes in Research & pollution monitoring activities
  - NAMP/SAAQM
  - GEMS/MI NARS
  - Effluent land disposal studies at Butibori (Nagpur) and Waluj (Aurangabad)
  - Air quality trend analysis in Mumbai etc.
- Involvement of experts & private agencies in achieving the specialized tasks
  - Haz. Waste Management
  - Plastics / Electronic Waste
  - Pune, Solapur & Chandrapur Action plans





# Aiming at Sustainable Development!

## Pollution Awareness and Action !

- Information dissemination through website, print - electronic media, audio-visuals, brochures, posters , banners, etc.
- Interaction with public / NGOs
- Participation at International/ National seminars/workshops
- Campaigns (street plays, short films, jaldindi, mobile exhibitions, rallies, drawing & painting competitions etc.)



**Exhibition at Abu-Dhabi**



**Sensitizing of Print Media!**



Maharashtra Pollution Control Board





# Aiming at Sustainable Development!

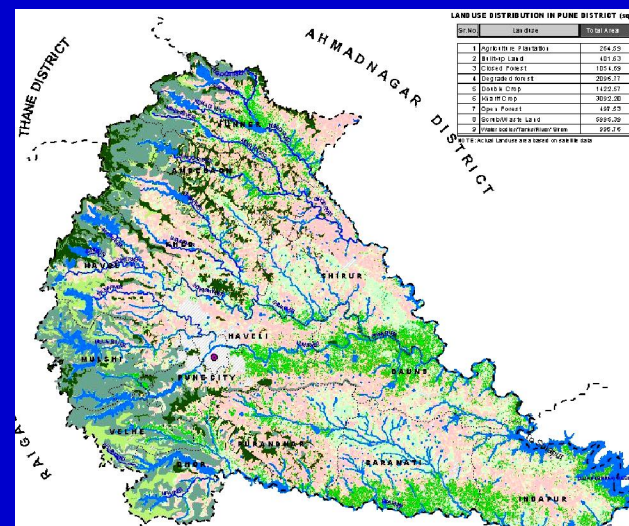
## Addressing Public Needs!

### ■ Response to the location specific Needs:

- Action plans for control of pollution (Pune, Solapur, Chandrapur)
- Environmental Improvement at Religious Places: PFRs for Alandi and Shirdi
- State of Environment Report (SoER)
- District Environmental Atlas (Pune, Aurangabad & Ratnagiri)



Env. Improvement Plan at Alandi



Landuse Map of Pune Dist.







# Municipal Solid Waste (MSW)

- Authorization under MSW Rules : 100%
  - Demonstration projects completed at Ambad, Sonpeth and Navapur
  - 90% A Class cities in the process of compliance
  - Prepared model tender document and draft agreement for PPP of MSW projects
- 
- Proposed projects at Gadhinglaj, Pandharpur
  - Demonstration project at Jalna sanctioned.  
(Rs. 3 Cr: CPCB 50%, 25% MPCB and 25% JMC)





## Bio-Medical Waste (BMW)

- HCEs (10 beds or more) : 10,762
- Total authorizations : 7987  
(Increased from 15% - 87%)
- Total common BMW facilities : 34
- Ensured strict compliance of CBMWT&D facilities : B.G. forfeited for 4 facilities
- Technical guidance to MCGM for setting up of new facilities
- Awareness campaigns & seminars for stake holders





## Hazardous Waste (HW)

- Constituted LAECs for HW monitoring at Tarapur & Dombivali
- CHWTSDF at Taloja & TTC made fully operational
- CHWTSDFs proposed at Ranjangaon and Butibori in progress.
- Compiled & Published inventory of HW industries in Maharashtra
- Tracking system for Hazardous Waste (Generation to Disposal)
- Lead Acid Battery: Collection & Recycling of used batteries reached to 75% as against 90% envisaged in Rules







## Plastic Waste

- Technical Assistance to State Government for Notification on 'Maharashtra Plastic Carry Bags (Manufacture & Usage) Rules, 2006.
- Separate Cell is formed for implementation of the Plastic Rules
- 118 units Registered so far.



## Electronic Waste

- Pilot study on e-Waste initiated UNEP assistance for Mumbai-Pune region.





# Common Effluent Treatment Plant

(Under MoEF scheme : 25% MoEF+20% MIDC + 5% MPCB + 15% User industries + 35% Bank Loan)

- CETP at TTC, Mahad, Badlapur, Butibori, Patalganga, Taloja, Dombivali, Chickloli-Morivali, Ambernath Lote Parshuram & Roha operating satisfactorily
- TTC, Taloja & Dombivali - additional capacity installed
- Primary treatment at Tarapur CETP (22 MLD) completed
- Improvement work started at Kurkumbh
- Stringent action against defaulter industries is taken  
(Tarapur- 75 nos., Taloja- 58 nos., Dombivali - 287 nos.)





# Environment Monitoring



## Air

- NAMP: 62 Stations (21 Cities): Target 82
- SAMP: 37 Stations (19 Cities)
- Daily Air Quality is reported on website for 6 cities
- Continuous AQMS - Pune, Mumbai & Solapur
- Continuous AQMS at Mumbai: 16 Stations with health study

## Water

- GEMS / MINARS
- 2003-04 : 38 nos.
- 2005-06 : 48 nos.
- Drinking water sources : 20 nos.
- Ground water : 50 Nos. (16 Dist.)
- State Water Quality Monitoring : 132 stations







# Mass Awareness

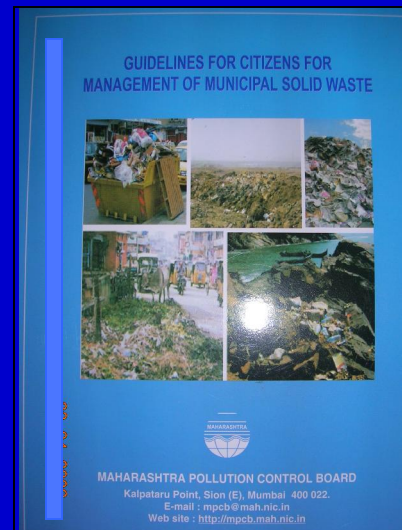
- Daily air quality data on TV & website - 6 cities
- Audio-visuals (CD) and public show on various occasions
- Assistance to feature film 'Chakachak'
- Awareness through ads on TV during Diwali and Holi
- Participation in exhibitions, seminars etc. (Local, State & International level)
- Mass awareness collaborations with NGOs





## Publication of Reports

- & Monitoring of Water Quality of Godavari River at Nashik during Kumbh -2005
- & Environment Status Report of Regions (11 nos.)
- & Status of River Water Quality in Maharashtra
- & Report on Pollution Study of Mithi River Basin: 2004 and 2006
- & Report on Construction Projects on Mill Lands in Mumbai
- & Guidelines for Citizens - MSW Management
- & Guidelines for Operation and Maintenance of ETP
- & Guidelines for Management of Spent Mycelium in Bulk Drug Ind.
- & Noise Pollution during Diwali-2005.
- & Env. Improvement at Airoli Creek, Navi Mumbai
- & Hazardous Waste Inventory
- & Manual for Hazardous Waste Management





# Institutional Capacity Building

- Re-engineering of internal setup (established sector specific divisions for pollution control implementation)
- Performance evaluation study by CRISIL
- Right-sizing of accounts and administration
- Development of strategic action plan in collaboration with ADB : study by EMC, Mumbai
- Rapid response to public complaints
- Recruitment of reservation quota - 95%
- Provided Rs. 18.0 Cr for employees pension fund
- Employees Medical attendance, education subsidy, canteen subsidy, Study Leave, House Loan, Sports & Cultural Activities, Advance for computer.







# Appreciation

- US-AEP - Env. Leadership Award-2005 to Board and Dr. D.B. Boralkar for his outstanding contribution in environmental improvement and quality of life in Asia
- High Court (HC) - Appreciation in Environmental Protection at Mahabaleshwar - Panchgani.
- Supreme Court of India (SCI) - MSW and HWM
- High Court of Mumbai - Mithi River Survey





## Future Plans

- MEIDC - Proposal under consideration of State Government: World Bank & ADB keen to support
- Water Pollution Control in molasses based distilleries
- CETP at Ichalkaranji, Waluj, Chakan, etc.
- Environmental Improvement at Alandi-Dehu, Shirdi, Shani-Shingnapur, Pandharpur
- e-Governance: On-line consent processing



## Future Plans

- CHWTSDf at Butibori and Ranjangaon.
- Implementation of MSW project at Navi Mumbai
- Regional Office & Laboratory at Amravati, Nanded, Kolhapur, Chandrapur.
- Regional Office at Chiplun and Mumbai
- Centre for Chemical Accident & Emergency response.
- Augmentation of Air/water quality monitoring network



***Avoid Pollution. Protect Environment !***

**Thanks !**

