



MAHARASHTRA POLLUTION CONTROL BOARD

Kalpataru Point, Sion (E), Mumbai – 400 022.

E-mail : mpcb@mah.nic.in

Web site : <http://mpcb.mah.nic.in>

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Panchganga River Pollution and steps taken by Maharashtra Control Board

The pollution of Panchganga River is adversely affecting the health & environment along the river bank. Citizens in the area are agitating since long. Several efforts were made by the Board in the past for prevention & control of the pollution has not yet been unto the satisfaction. This is mainly due to lack of full support & co-operation from polluters, particularly their failure to put up pollution control system as stipulated by the Board within assigned time frame.

In view of continued agitation by people in area and questions and debates in legislative assembly and in the media, Member Secretary visited Kalohapur on February 2, 2006 to take review.

After hearing from Steering Committee of Panchganga River Pollution, Kolhapur Municipal Corporation, NGOs, industries and public, a concrete time bound "Kolhapur Action Plan' is prepared by MPCB and issued directions to concerned authorities and defaulting industries.

MPCB is also publishing white paper for the information of all concerned, which includes the status of pollution in Pachganga river & steps taken so far by the Board and directions issued by the Board to various authorities for non-compliance.

Kolhapur Action Plan and current status of actions is placed below.

Kolhapur Action Plan : Status on 22.05.2006

Sr. No.	Action	Completion Date	Action by	Remarks/ Status
	<u>Kolhapur</u>			
1	Preparation of minutes of the following meetings held at Kolhapur on 02.02.2006, regarding pollution of Panchganga river: a) Steering Committee meeting b) Ichalkaranji Meeting c) Regional office meeting with NGOs, local residents and officers of the Board	06.02.2006	RO (Kolhapur) / SLO(DTD)	Prepared and sent to concerned
2	Jayanti Nalla : a) Installation of 300 HP pump at Jayanti Nalla b) Installation of D.G. set at Jananti Nalla.	31.03.2006 31.03.2006	K.M.C. K.M.C.	work order has been issued for installation of both 300HPPump&D.G.set
3	<u>Jayanti Nalla :</u> Development of Green Bridge Technology at Jayanti Nalla. Tenders were invited as per Green Bridge technology	31.03.2006	K.M.C.	Sampling of Nalla water&soil at about ten locations is done by M/s Konark

Kolhapur Action Plan Continued...

Sr. No.	Action	Completion Date	Action by	Remarks
3	a) MPCB to release 50% of capital cost expenditure within 15 days from issuance of final order to bidder	Within 15 days after placement of order by KMC	MPCB	Order is not placed
4	<p><u>Dudhali Nalla</u> : Installation of sewage treatment plant / energy plant on Build-own-transfer (BOT) basis.</p> <p>a) completion of bidding process</p>	31.03.2006	K.M.C.	Land acquisition for construction of STP is in process.

Kolhapur Action Plan Continued...

Sr. No.	Action	Completion Date	Action by	Remarks
5	<p><u>Kasba Bawda:</u> Sewage treatment plant modernization: Installation of 50 MLD capacity primary & secondary treatment plant and up-gradation of existing 40 MLD treatment plant (estimated cost Rs 15 Crs)</p> <p>a) KMC to issue work order to MJP</p> <p>b) KMC to issue time schedule for completion of work in one year</p> <p>c) Payment of Rs. 1.5 Crs. by K.M.C. to M.J.P.</p> <p>i) Out of that as reported by AMC & Hydraulic Engineer, KMC, 1.25 Crs. already deposited with MJP and remaining 25 lacs towards public contribution on behalf of KMC will be deposited before 28.02.2006</p> <p>ii) 63% cost of the project will be raised by way of soft loan from NABARD or LIC or any other financial institute</p> <p>iii) 23% amount will be obtained by KMC</p>	<p>28.02.2006</p> <p>28.02.2006</p> <p>28.02.2006</p> <p>31.03.06</p>	<p>K.M.C.</p> <p>K.M.C.</p> <p>K.M.C.</p>	<p>The technical.& administrative approval process is going on by MJP</p> <p>The provision of Rs.25 lakhs is made in budget 2006-07 for this work by KMC.</p> <p>The commissioner Sent letter to Director Nagar Parishad Administration Through ULDSSMP for financial aid Dt.13/04/06</p>

Kolhapur Action Plan Continued...

Sr. No.	Action	Completion Date	Action by	Remarks
6	<p><u>Monitoring and evaluation study of various nallas in Kolhapur city :</u></p> <p>a) Invite fresh offers from KIT college and Shri Kadam, Shahu Institute for the above study</p>	20.02.2006	RO (Kolhapur)	Proposals are invited.
7	<p><u>Interception of drains to Panchganga river</u></p> <p>a) Issue directions to CEO, Zilha Parishad (Kolhapur) regarding interception of drains to Panchganga river from 3 villages namely : Kalamba, Pachgaon and Morewadi village</p>	Immediate	RO (Kolhapur) / SLO(DTD)	Issued notice vide letter no. WP/RO/KOP/331/06 Dt.-21-01-06.
8	<p><u>Co-operative Sugar Industries</u></p> <p>a) Follow up action regarding directions issued to M/S Bhogavati co-operative sugar industry and obtain Bank Gurantee of Rs. 50,000/-</p> <p>b) Issue notices to all Co-operative Sugar Factories (SSKs) located in catchment of Panchganga river, if operating without valid consent.</p>	<p>Immediate</p> <p>20.02.2006</p>	<p>RO (Kolhapur)</p> <p>RO (Kolhapur)</p>	<p>Follow-up in process</p> <p>Actions already initiated against defaulters.</p>
9	<p><u>Panchganga river water quality monitoring stations</u></p> <p>a) Payment to Shivaji University Kolhapur</p>	Immediate	RO(Kolhapur) / Vinita Dhupkar	Paid by R.O. Kolhapur Dt.- 21-02-06

Kolhapur Action Plan Continued...

Sr. No.	Action	Completion Date	Action by	Remarks
	<u>Panchganga river water quality monitoring stations</u>			
	b) Sanction of two additional water monitoring stations to Shivaji University, Kolhapur	20.02.2006	RO(Kolhapur) / Vinita Dhupkar	In process.
	c) Review to consider additional station for water quality monitoring of Panchanganga required, if any, from Radhanagari (starting point) to Shirol (confluence with Krishna)	21.02.2006	RO(Kolhapur) / Vinita Dhupkar	In process
10	<u>Air monitoring stations</u>	1		
	a) Payment of electrical charge for operating air monitoring stations to be paid to Shivaji University, Kolhapur	20.02.2006	RO(Kolhapur)	Paid.
	b) Submission of schedule for daily air quality monitoring date from Kolhapur to Mumbai and Mumbai to Kolhapur	20.02.2006	RO(Kolhapur) / RO(PCI II) / SSO(SLS)	Started publishing results weekly in PUDHARI, a local news paper
11	Display Kolhapur Action Plan on MPCB website	15.02.2006	Ms. Vinita Dhupkar	Displayed
12	<u>White paper on "Polution of Panchganga River"</u>			
	a) Preparation of draft White Paper	28.02.2006	RO(Kolhapur)	Released White Paper on 06.03.06
	b) Release of White Paper	15.03.2006	RO(Kolhapur) / M.S.	at HQ by M.S.

Kolhapur Action Plan Continued...

Sr. No.	Action	Completion Date	Action by	Remarks
13	<p><u>Directions to K.M.C.:</u></p> <p>a) Issue final directions to KMC for implementation of actions as decided by steering committee in its meeting on 02.02.2006</p> <p>b) Follow-up actions regarding bank guarantee of Rs. 2 lacs as per previous directions for ensuring compliance.</p>	<p>10.02.2006</p> <p>20.02.2006</p>	<p>RO(Kolhapur)</p> <p>RO(Kolhapur)</p>	<p>Issued by HQ.</p> <p>Bank Guarantee received from KMC.</p>
14	<p><u>CPR Hospital- sewage treatment plant:</u></p> <p>a) Issue directions to CPR Hospital regarding installation of EP in time bound manner</p> <p>b) Proposal from CPR Hospital seeking technical assistance and financial support to the line of 90%. CPR Hospital to commit 10% capital and cost of operation & maintenance on regular basis</p> <p>c) Issue of letter of sanction by MPCB</p> <p>d) Preparation of DPR inclusive of bid document by RO(Kolhapur) by engaging Mr. Amod Ghamade, Deccan Environmental Consultant, to carry out feasibility study & detail engineering of CPR hospital liquid waste treatment plant</p>	<p>15.02.2006</p> <p>Immediate</p> <p>15.02.2006</p> <p>26.02.2006</p>	<p>RO (Kolhapur) / SLO(DTD)</p> <p>CPR Hospital</p> <p>HQ</p> <p>RO (Kolhapur)</p>	<p>Issued by HQ.</p> <p>Proposal received from CPR Hospital.</p> <p>Issued</p> <p>Feasibility study completed. Tender document is ready. Prequalification Notice published in newspapers by CPR</p>

Kolhapur Action Plan Continued...

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15	<p><u>CPR Hospital- sewage treatment plant:</u></p> <p>e) Completion of civil, mechanical and electrical work</p> <p>f) Commissioning of ETP</p>	<p>31.05.2006</p> <p>30.06.2006</p>	<p>CPR Hospital</p> <p>CPR Hospital</p>	
	<p><u>Ichalkanji</u></p>			
1	<p><u>Actions against non-complying units :</u></p> <p>a) Issue paper advertisement regarding application for granting the consent</p> <p>b) Actions against non-complying / without consent units</p> <p>c) Issue directions to closed processing units not to start without adequate treatment plant and consents of MPCB</p>	<p>13.02.2006</p> <p>20.02.2006</p> <p>20.02.2006</p>	<p>RO(Kolhapur)</p> <p>RO(Kolhapur)</p> <p>RO(Kolhapur)</p>	<p>Issued advertisement on dt. 11-02-06</p> <p>R.O. Kolhapur have issued directions against defaulters in ichalkaranji area.</p> <p>R.O. Kolhapur have issued directions against defaulters in ichalkaranji area.</p>

Kolhapur Action Plan Continued...

Sr. No.	Action	Completion Date	Action by	Remarks
2	<p><u>Directions to Ichalkaranji Nagarpalika:</u></p> <p>a) Interception of all nallas going in Panchganga river</p> <p>b) Submission of concrete proposal for providing additional STP</p> <p>c) Submission of concrete proposal for consent to establishment for CETP (as a part of cluster development)</p> <p>d) Completion and commissioning of additional STP and CETP</p> <p>e) Submission of Bank Guarantee from Ichalkaranji Nagarpalika of Rs. 50,000/- for ensuring compliance of directions issued by MPCB</p>	<p>28.02.2006</p> <p>28.02.2006</p> <p>31.03.2006</p> <p>31.03.2007</p> <p>28.02.2006</p>	<p>Ichalkaranji Nagarpalika</p> <p>Ichalkaranji Nagarpalika</p> <p>Ichalkaranji</p> <p>Ichalkaranji Nagarpalika</p> <p>RO (Kolhapur)/ Ichalkaranji Nagarpalika</p>	<p>In process. Follow up is in progress.</p> <p>-</p> <p>-</p> <p>--</p> <p>Not submitted</p>
3	<p><u>Setting up LEAC</u></p> <p>Setting up of Local area environmental committee (LAEC) in Ichalkaranji</p>	<p>28.02.2006</p>	<p>HQ</p>	<p>Formed LEAC on 21.02.2006</p>

Kolhapur Action Plan Continued...

Sr. No.	Action	Completion Date	Action by	Remarks
4	<p><u>Free water supply to affected villages:</u></p> <p>a) Preparation of report on deterioration of drinking water supplied / available to various villages which are dependent on the Panchganga river.</p> <p>b) Submission of report to SCMC [WP(C) No. 657 of 1995] with request for free water supply for drinking</p>	<p>31.03.2006</p> <p>31.05.2006</p>	<p>RO(Kolhapur) / SLO(DTD) / Vinita Dhupkar / PSO</p> <p>RO(Kolhapur) / SLO(DTD) / Vinita Dhupkar / PSO</p>	<p>In process</p>