

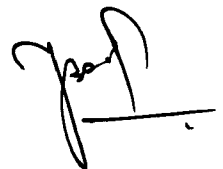
**Minutes of the 6th meeting of State Level Co-Ordination Committee
for CETP and the review meeting of the defaulting CETPs.**

The 6th meeting of State Level Co-ordination Committee for CETPs and the review meeting of the defaulting CETPs was held on 20/02/2015 in the Panorama Hall, The Ambassador, Churchgate, Mumbai, at 10.30 a.m. Chairman, MPC Board Chaired the meeting.

List of Committee members, NEERI representatives, MPCB Officials and CETP representatives who were present for the meeting is enclosed.

Dr. Y. B. Sontakke, Joint Director (Water Pollution Control) welcomed the members and addressed the meeting; he briefed the summary about the past meetings. The meeting was held with the objective to discuss the challenges faced by CETPs and the action taken along with the time bound action plan to comply with the standards of the EP (Act) and also the draft work order for the performance evaluation of selected 10 CETPs to be given to the NEERI and the partner Institutes.

Member Secretary of the Board addressed the committee and the CETP representatives stating that MIDC is the pioneer in setting the CETPs in Maharashtra having good support and the infrastructure. MPCB is not of the opinion that the CETPs are defaulting rather it is to say that these are not complying. The various factors are affecting the compliance of the CETPs like Huge Cost of the Maintenance, O & M cost, Old machinery and infrastructure, need of upgradation and statutory mandate shall be taken into consideration. Board have invited the NEERI, Tamil Nadu Water Investment Company Ltd. for the concept o ZLD and Mr. Mageshwarn for Effective Effluent Treatment by Eco- Bio Blocks (EBB). Today it is organised to take commitments from the CETPs. The CETP is the self responsibility of the CETP Authorities as they are making money out of this business. Member Secretary have committed the full support to CETPs and also said that MPC Board is trying to provide support through CESS. He has requested to do both way communications to the CETP representatives.



JD(WPC) has briefed about the CETPs. He has presented the overview of the CETPs in Maharashtra. He also presented the list of the performing and non performing CETPs with respect to the outlet standards. He has given an overview about the formation of the State Level Co-ordination Committee for CETP and the brief about the work done by this committee till date. He also suggested the CETP representatives to prepare the action plan for the non- performing CETP today itself.

NEERI Representative Mrs. Satinder kaur has explained the job done by the NEERI and the partner institutes to the committee members, as per the directions of the State Level Co-ordination Committee and the Short term Measures and long term measures to be undertaken by the CETP for the improvement of the performance of the CETPs.

Mr. Sajeed Hussain, Tirupur Textile Cluster has presented the concept of the ZLD implemented in the Tirupur Textile Park.

Mr. Mageshwarn has presented the Effective implementation of the Eco Bio Blocks in the Sewerage system as well as the CETPs. Member Secretary of the Board has enquired about the cost model for the implementation of EBB and the average life of the EBB. Mr. Mangeswarn has stated that the average cost for the 100 KLD effluent will be about Rs.1,00,000/- and the life of the EBB is almost minimum 10 years.

Dr. Rakesh Kumar, NEERI has shared his experience about the CETPs in Maharashtra. He told that the CETPs have to keep vigilance on the industries contributing the Shock Load which disturbs the functioning of the CETPs. He also suggested Industries shall provide Lock and Key arrangement and one day storage holding tanks in the industry premises to have the control over shock load and to check the quality of the effluent.

As per the request of JD(WPC) CETP representatives had presented their challenges, action plan and the time for the compliances one by one as follows.

1. Lote Parshuram Environment Protection Co-op Society:
 - a. Lock and Key arrangement is provided to the industries.
 - b. Technical Committee is formed.
 - c. Proposed to take the Biomass from Industries to maintain the MLSS.

- d. Providing training to the workers.
 - e. The DPR for the expansion is approved by the NEERI and the tendering process is in progress.
 - f. Timeline for the expansion is given as 3 to 6 Months.
 - g. Planning to provide Jet Aspirators and retrieval diffusers.
 - h. CETP representatives have committed the treatability study will get done from the NEERI or IIT and the time for the compliance to the outlet standards will be 6 Months.
2. MMA-CETP Co Operative Society Ltd.:
- a. Inlet COD is dropped to 3000 from 15000.
 - b. TOC analyser is installed.
 - c. Treatability study is in progress.
 - d. The work of the 5 MLD sump to segregate low COD effluent is in progress.
 - e. Member Secretary has enquired about the inconsistent performance of the COD graph, CETP representative has replied that this happens due to variable shock load.
 - f. Member Secretary has asked the CETP representatives that if one or two industries are disturbing the entire functioning of the CETP then you provide the list of the industries to the Board of those industries.
 - g. The time for compliance to the outlet standards is given as 2 Months.
3. RIA CETP Co-op. Society Ltd.:
- a. Improved the outlet between the range 300 -400 mg/lit.
 - b. CETP has proposed the upgradation of the existing CETP.
 - c. Augmentation of the secondary treatment.
 - d. MIDC has taken up the work of the extension of the disposal pipeline upto the point suggested by NIO and the work will be completed by December, 2015.
 - e. CETP Authority has committed that the improvement in Primary Treatment will be done by May 2015, Secondary treatment by December, 2015 and the polishing treatment will be provided by March 2016.

- f. Member Secretary has directed to the CETP to do self assessment and achieve the norms in 3 to 4 months and the improvement in existing CETP will be taken on priority.
4. PRIA CETP (I) Ltd.
 - a. Sludge is the major concern.
 - b. Isolation and total cleaning of equalization tank was not possible for this CETP had implemented Technoflex Veltas System and due to this more quantity of sludge has come out.
 - c. Dr. Rakesh Kumar has suggested to keep vigilance on the contributing industries as the industries are contributing their Hazardous and Non hazardous waste through the effluent.
 - d. Formed Environmental Committee for the vigilance on the industries.
 - e. CETP Authority has committed that within next 2 to 3 months CETP will comply with the outlet standards.
 5. Talaja CETP Co Operative Society:
 - a. Installed new air blowers.
 - b. Installed automatic sampler for collection of composite sample for 24 Hrs.
 - c. Upgradation is required as equipments are old.
 - d. Upgradation in aeration tank is required.
 - e. Smell issue is the major problem, regular complaints of the villagers for the smell issue.
 - f. Microbial Culture is applied in Aeration tank to reduce the odour.
 - g. Need upgradation of the existing plant and addition of tertiary system and also upgradation of the Laboratory.
 - h. Member Secretary of the Board has directed to identify the issues and the major contributor to the CETP and achieve the compliance with respect to the outlet standards within 3 months. CETP Authority has assured to do it within 3 months period.

- i. Mr. Sajid Hussain has suggested that the CETP Authority has to evaluate the efficiency of the each unit of the CETP, to rectify the problem.
6. Tarapur Environment Protection Society CETP:
 - a. Effluent quantity is high.
 - b. Dominant effluent contribution is from Textile Industries.
 - c. Conveyance system is handled by MIDC.
 - d. Old CETP, sizes of the tanks is not proper, hydrolic mixing is not proper.
 - e. CETP has started upgradation and committed to achieve compliance in next 2 to 3 months.
 - f. Member Secretary of the Board has directed CETP to do inventory at source to segregate the fully treated effluent of those industries who have full fledged treatment facility to reduce the load of the CETP and under treated effluent i.e further treatment is required within 3 Months period. He has directed to Board officials for the separate meeting with TEPS and MIDC.
 7. Dombivli Better Environment System Association:
 - a. Catering services to the effluent of MIDC Dombivli Phase-I and Phase-II.
 - b. CETP is preliminarily designed for the Textile Industries, presently receiving heterogeneous characteristics of effluent is received at CETP.
 - c. Employed two consultants for treatability study.
 - d. Automation of pH and replacement of flash mixer is adopted as per the suggestions of the M/s. Sweep Enviro.
 - e. Proposed for modular aeration tanks.
 - f. Submitted DPR for upgradation to MIDC.
 - g. CETP authority has committed to achieve the outlet parameters as per the prescribed standards with 3 Months.
 8. Ichalkaranji Textile Development Cluster Ltd. (12 MLD):
 - a. In Ichalkaranji frequent Load Shading of Power supply.
 - b. The sludge disposal cost due to the transportation cost as the facility is in Pune.

- c. The operation of the blowers during Night time is not possible due to regular noise complaints.
 - d. For the diversion of the disposal of the treated effluent from Kalla Odha to land, the process of the land acquisition is in progress.
 - e. Member Secretary directed to the CETP to work out the possibility of ZLD.
 - f. JD (WPC) has instructed CETP for the total diversion of the effluent for land disposal and 50% shall be achieved in 6 Months period.
 - g. CETP authority has committed within 3 months, CETP will comply to the disposal norms.
9. Common Effluent Treatment Plant, Akkalkot Road, Solapur:
- a. Received under treated effluent at the inlet. The pre-treatment from SSI units is not provided.
 - b. The Biological process is disturbed due to receipt of the toxic materials in CETP.
 - c. Main concern is the disturbance of the Biological process due to toxic materials.
 - d. Member Secretary has directed to CETP to carryout inventory of the SSI units and directed to officials to call meeting of CETP and Engineer of Solapur Municipal Corporation.
10. Greenfield CET Plant P. Ltd. Chincoli:
- a. Fluctuation is high with respect to the outlet parameters.
 - b. CETP authority has given the commitment of achieving the consented disposal parameters in 3 months.
 - c. Member Secretary has directed to explore the possibility of 50 to 80% recycling of the effluent.
11. Kagal-Hatkanangale C.E.T.P:
- a. Inadequate HRTS, the work of the additional HRTS system is in progress and will be completed within 2 to 3 months.
 - b. Member Secretary has enquired about the recycling feasibility, CETP Authority replied that they are exploring the possibility of recycling and within

: 7 :

1 -2 years will achieve 100% recycling. And also committed by May, 2015 will achieve 50 % recycling.

12. Ranjangaon CETP:

- a. JD(WPC) has asked about the commitment to the CETP Authority to avoid the surface run-off.
- b. Member Secretary has directed to take separately the issue of Ranjangaon.

13. L.K. Akiwate Industrial Co Op, Estate Ltd.:

- a. Installed diffused aeration system.
- b. Disposal issue regular complaints, disposal pipeline is broken by the villagers.
- c. Member Secretary has directed to workout the concept of the recycling and submission of the Action plan for this within a week time.

14. Ichalkaranji Textile Development Cluster Ltd. (1 MLD) Shree Laxmi Co. Op. Industrial Estate Ltd.:

- a. CETP authority has committed to meet the consented disposal parameters within 3 months.

15. Kurkumbh Environment Protection Co op Society Ltd.:

- a. Running under capacity.
- b. During rainy season surface runoff issue.
- c. Agreement for disposal of the effluent in Roti forest in under consideration at Forest Department.
- d. Member Secretary has directed to explore the possibility of the recycling of the treated effluent.

JD(WPC) has requested to present the Thane-Belapur Association, CETP to express their experience and views as the CETP is good example in Maharashtra. Shri. Iyer, Chiarman, Thane-Belapur Association, CETP has shared their experiences about efforts taken at CETP level, industry level to comply with the norms with the CETP representatives.

JD(WPC) has asked the representatives to ask the questions if any,
The following questions were asked;

- a. DEBSA, CETP has requested to expedite the process of Environmental Clearance and asked enquired that the SSI units having effluent generation capacity more than 25 CMD have to achieve the consented standards.

JD(WPC): The Environmental Clearance is in the purview of the Environment Department GoM and GoI and we are in process of taking legal opinion with respect to the SSI units generating effluent more than 25 CMD.

- b. There is need to do audit of MPCB Labs?

JD(WPC): The process of Audit is in progress.

Shri. Bardeshkar, RIA CETP and Member of State Level Co-ordination Committee for CETP said that now a days seriousness in Industrial association is seen, but there are some practical problems like inadequacy of collection tanks, batch process industries contributing shock load etc and need of revision of the Subsidy formula etc.

Member Secretary has expressed his serious concern about the treatment and disposal of the effluent in CETP, he also suggested that Industries shall thought the treatment plant as Business process. He also directed CETP Authorities to carryout inventory of the contributing Industries. The next meeting for the compliance to be held around second week of April.

Meeting ended with vote of thanks to Chair.

---000---

The MOM approved by Authority i.e. Non-Chairman of committee
[Signature]

: Summary Sheet:

Sr. No.	Name of CETP	Condition along with Time for Compliance.
1.	Lote Parshuram Environment Protection Co-op Society Ltd., P-30, Lote Parshuram MIDC, Tal.- Khed, Dist.- Ratnagiri.	To meet the disposal standards within 6 Months
2.	MMA-CETP Co Operative Society Ltd., Plot No.-P-43, MIDC Mahad, Dist.- Raigad.	To meet the disposal standards within 2 Months
3.	RIA CETP Co-op. Society Ltd., Plot No.6, MIDC Dhatav, Tal. Roha, Dist. Raigad.	Submission of the proposal within 2 weeks time.
4.	PRIA CETP (I) Ltd. Plot No.P-58, MIDC Industrial Area, Patalganga, Dist.- Raigad.	To meet the disposal standards within 3 Months
5.	Taloja CETP Co Operative Society Ltd., Plot No.G-8 & P-24, MIDC Taloja, Dist.- Raigad.	To meet the disposal standards within 3 Months
6.	Tarapur Environment Protection Society CETP, Plot No-AM-29, MIDC Tarapur, Dist.- Thane	To meet the disposal standards within 3 Months
7	Dombivli Better Environment System Association (DBESA), Plot No. OS-8, MIDC Phase-I, Dombivli (E), Dist.- Thane	To meet the disposal standards within 3 Months
8	Ichalkaranji Textile Development Cluster Ltd. (12 MLD), 5/617, Swimming Pool Premises, Near Ved Bhawan, Ichalkaranji, Dist.- Kolhapur	To meet the disposal standards within 3 Months
9	Common Effluent Treatment Plant, Plot No.- AM-8, MIDC Akkalkot Road, Dist.- Solapur	To meet the disposal standards within 3 Months
10	Greenfield CET Plant P. Ltd , MIDC Chincholi, Tal.- Mohol, Dist.- Solapur	To meet the disposal standards within 2 Months
11	Kagal-Hatkanangale C.E.T.P., Kagal-Hatkanangale Five Star MIDC, Dist.- Kolhapur.	To meet the disposal standards within 2 Months Along with 50% recycle of treated effluent.
12	Ranjangaon CETP, MIDC Ranjangaon, Tal.- Shirur, Dist.-Pune	Action plan for disposal to be submitted within 1 Month
13	L.K. Akiwate Industrial Co Op, Estate Ltd, Akiwate - Udyamnagar, Jaysingpur, Dis.t- Kolhapur.	50% recycle plan to be submitted within 1 Month
14	Ichalkaranji Textile Development Cluster Ltd. (1 MLD) Plot No.- 7to 11, Phase-1, Shree Laxmi CO. Op. Industrial Estate Ltd., Hatkanangale, Dist.- Kolhapur	Meeting consented standards. Complied
15	Kurkumbh Environment Protection Co op Society Ltd., Plot No.- AM-4, Kurkumbh MIDC, Kurkumbh, Tal.- Daund, Dist.-Pune	Complied

-----0000-----

6th State Level Co-ordination Committee and the Review Meeting of the defaulting CETPs in Maharashtra

20th February, 2015

Venue: The Ambassador, V.N Road, Churchgate, Mumbai-400 020

Sr. No.	Name
1.	Shri. Ajoy Mehta Principal Secretary (Environment) GoM & Chairman MPC Board.
2.	Shri. Bhushan Gagrani, The Chief Executive Officer, M.I.D.C.
3.	Dr. P. Anbalagan, Member Secretary, MPC Board.
4.	Dr.Rakesh Kumar, NEERI.
5.	Shri.R.G.Pethe, Committee Member
6.	Shri.P.P.Bardeshkar, Committee Member
7.	Shri.Ramchandra Iyer, Committee Member
8.	Shri Vidyasagar Walavalkar, Committee Member
9.	Dr. Y. B. Sontakke, Joint Director (Water Pollution Control) MPCB
10.	Shri. A. D. Mohekar, Regional Officer Pune, MPC Board.
11.	Shri. Sonje, Dy. C.E.O (Envi.) MIDC.
12.	Shri. N. G. Nihul, R.O MPC Board, Thane
13.	Shri. J. B. Sangewar, RO, MPC Board, Kalyan
14.	Shri. A. S. Nandvate, FO MPC Board, Thane
15.	Shri. T. M. Patil, FO MPCB, Kolhapur.
16.	Shri. H.D. Gandhe, SRO, MPCB Raigad.
17.	Shri.S.L Waghmare, SRO MPCB Raigad
18.	Shri.M. B. Chavan, FO MPC Board, HQ
19.	Shri. Utkarsh Shingare, FO MPCB, HQ
20.	Satinder Kaur, NEERI Representative.
21.	Neetu Puthumadatha, NEERI Representative.
22.	Shri. Shrikant Pawar, Green Field CETP Representative
23.	Shri. Chandrakant Mete, Ichalkaranji Textile CETP Representative.
24.	Shri. Said Hussain, TWIC.
25.	Shri. Kiran Shinde, Kurkumbh CETP Representative.
26.	Shri. Dileep Galam, RIA CETP Representative.
27.	Shri. S. B. Bhalerao, RIA CETP Representative
28.	Shri. R. S. Dirwadkar, TTC CETP Representative.
29.	Shri G.P Borale, MMA CETP Representative
30.	Shri. Bhosale, MMA CETP Representative
31.	Shri. S. B. Pathare, MMA CETP Representative
32.	Shri. R. S. Kshirsagar, MIDC
33.	Shri. P.S. Thely D.E MIDC.
34.	Shri. Y. C Suri, Dy. Engg. MIDC
35.	Shri. Satih Anand Shetty, Talaja CETP Representative.
36.	Shri. Sandeep Misal, Carsill India Pvt Ltd. Representative.
37.	Shri. Umakant Maharang, CETP Ichalkaranji Representative.

38	Shri. Shyamkumar N Kadam, Taloja CETP Representative.
39	Shri. G. L. Roman, Taloja CETP Representative.
40	Shri. Gautam, Lote CETP Representative
41	Shri. Darshan Deshpande, Lote CETP Representative
42	Shri. Manoj Jalan, DBESA CETP Representative
43	Shri. B. D. Mutgekar, Kagal Five Star CETP Representative
44	Shri. P. B. Patil, Kagal Five Star CETP Representative
45	Shri. R.S. Jadhav, Thermax
46	Shri. S. A. Choudhary, DCETP Representative
47	Shri. Rohit, SWEEP Enviro,
48	Shri. Prashant Adsul, Sweep Enviro.
49	Shri. Vipul Gaitonde, TEPS CETP.
50	Shri. Jadhav, TEPS CETP.
51	Shri. Neharu Y., Rasayan Drugs.
52	Shri. S.T. Balwan, Kagal Five star CETP
53	Shri. S. G. Shirgave, Kagal Five star CETP
54	Shri. Pradeep, VATEM
55	Shri. R. M. Bansode, VATEM
56	Shri. C. Nageshwarn, SR Enviro, Chennai
57	Shri. N. S. Kamlapurkar, PRIA CETP