

MAHARASHTRA POLLUTION CONTROL BOARD

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No. MPCB/ JD (WPC)/ CETP COM/ B- 322

Date 22.01.2014

To,

1. H'ble Chairman, M.P.C.Board, Mumbai
2. The Chief Executive Officer, M.I.D.C., Udyog Sarthi, HQ, Mahakali Caves Road, Andheri (E), Mumbai-400093.
3. Dr.Rakesh Kumar, NEERI, Zonal Centre, 89/B, Dr.Annine Besant Road, Worli, Mumbai-400 018.
4. Shri.R.G.Pethe, Retired W.P.A.E., M.P.C.Board., A-6, Arunodaya Society, Near Andhra Bank, PendseNagar, Road No.2, Dombivali (E), Dist.Thane-421201.
5. Shri.P.P.Bardeshkar, RIA CETP Co-op.Society, Ta.Roha, Dist.Raigad.,
6. Shri.Ramchandra Iyer, 2/4, First Floor, Green Fields, St.Anthonys Road, Ghatla, Chembur, Mumbai-400 071.
7. Shri Vidyasagar Walavalkar, A-1/4, Raviuday Society College Road, Chendani, Thane-400 601.

Sub : Minutes of first meeting of state level coordination committees for CETP's held on 16.01.2014

Sir,

The minutes of first meeting of state level coordination committee for CETP's held on 16.01.2014 in the chamber of Hon'ble Chairman, M.P.C.Board, H.Q., Sion, Mumbai at 10:30 hrs approved by Hon'ble Chairman are enclosed herewith for information & needful action from your end if any.

Yours


(Rajeev Kumar Mital)
Member Secretary

Copy submitted to :

1. Principle Secretary, Environment Dept., Govt.of Maharashtra, Mantralaya, Mumbai-400 032.

Copy to :

1. JD (WPC)/ SLO/ All Ro's., M.P.C.Board – for information & necessary action.
2. EIC, M.P.C.Board, Mumbai- for hosting minutes on Board's website.

Minutes of 1st meeting of the State Level Co-ordination Committee for CETPs held on 16/01/2014 in the Chamber of Chairman, MPCB at 10:30 hrs.

The 1st meeting of State Level Co-ordination Committee for CETPs was held on 16/01/2014 in the Chamber of Chairman, MPCB (HQ) at 10:30 hrs. Shri. Jatinder Singh Sahni, Chairman, MPC Board Chaired the meeting.

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

Chairman welcomed the members and explained background of formation of the Committee and gave reference of PIL which was filed in the High Court. Chairman put up his views and proposed that committee may work in following manner:

1. To consider CETP design issues.
2. To consider performance status of CETPs.
3. To set up mechanism for monitoring.
4. To take review of CETPs based on above information.
5. To suggest corrective steps.
6. To give time period for making such changes.

He suggested that the meeting of the said committee should be held in every two months. Calender for the same shall be prepared. He requested members to opine on above.

Mr. Bhushan Gagrani, CEO, MIDC, Member mentioned that even after so many years we have not come out with perfect design and MIDC does not have comfort level, that this particular type of CETP design will work perfectly to give desired effluent standards, so also is the case with HRTS for land disposal of treated effluent. He suggested to have different modules of CETPs based on structure of that area.

Shri. Rajeev Kumar Mital, Member Secretary stated that different disposal mechanism are followed by CETPs. Some are disposing in marine water (creek/sea), some in the rivers through nallas, and some on land having HRTS.

And have different issues. Therefore, we may categorize them as per disposal path and address the issues will be better. He informed that we have completed the performance evaluation last year of Tarapur and Badlapur CETP from NEERI. Besides, this TTC CETP has done it from private consultant.

Shri. Pethe, Member stated that as per original scheme the DPR is prepared by CETP is scrutinized by NEERI, then MPCB and MIDC decided to refer to IIT (for Technical appraisal in addition to NEERI) and then financial appraisal for industrialized bank by the CETP Association. Thereafter the sanction is granted by MoEF, MIDC and MPCB and subsidy amount is raised accordingly.

It was informed that the data submitted during that time was not based on actual field survey, mostly it was dry data or collected data. Therefore, quality and quantity of inlet to CETP is not meeting. Which results in CETP not performing with required standards.

Upon this, Chairman stated that we will take up issue of design, whether it is adequate for effluent quality and quantity as scope of work. Then we will decide to whom to allot the work.

Mr. Iyer, member, stated that we should look for nature of formation of CETP in that area. Normally we decide change pattern, effluent nature, no. of industries, pollution level etc. these all parameters vary from area to area, and therefore, copy of one CETP at another location is not good and we need to look into.

Mr. Bardeshkar, member opined and suggested that methodology suggested by Chairman is good but we should also consider external factors other than CETP internal matter. The biggest issue is design besides O & M. Since many chemical, pharmaceuticals, pesticides, drug etc. keep on changing products which and also many industries closed down or restart intermittently for some time period depending on the market conditions. This changes the nature, quality and quantity of the industrial effluent. And thereby upsets the performance of CETPs.

CEO, MIDC, member stated that there are two aspects in the CETP matter one is technical design and another is administrative mechanism of managing CETP by the Operators.

Dr. Rakesh Kumar, Head NEERI and member stated that howsoever the design be, but that can not give COD values more than 1000 mg/l. so. Which are observed at some of the CETPs. Therefore, operation is the main problem. The operators do not get chemicals as required or they do not use it in the proportion as required. Besides, other issues of change in effluent quality and quantity are also there as referred by other members. Therefore, the results of CETP are not as per the standard norms. The CETP can not be redesign overnight and industries think anything they dispose the CETP will take care which is totally wrong thinking. This also needs to be considered. Now days, we get online monitoring equipments and thereby the data generated can be evaluated for initiating necessary action.

Member Secretary, MPCB opined that most of the issues have been discussed and covered as above. Chairman agreed that we should consider dynamics of the process such as market conditions, product change, effluent characteristics, status of operation of industries and operators behavior including knowledge and experience and attitude are during design and operation of the CETP. Therefore, we should consider these factors by deciding the methodology and the agency, the time period etc.

Mr. Devale, SLO, MPCB informed that as per Hon'ble High Court Order MIDC, MPCB as well as CETP should together discuss issues related to repair and replacement of collection and disposal pipelines, sump capacity and its periodical cleaning and discharge of treated effluent into the water bodies at a point decided by NIO as well as the HRTS capacities in various CETPs etc.

The following decisions were taken;

A. Inventory of CETPs:

1. The inventory of CETPs based on design including disposal mechanism, capacity, types of industry and operations, management and administrative set up, collection charges framework be prepared through reputed institutes.

2. a) In the first phase create the inventory of Tarapur, Dombiwali, TTC and Taloja having large capacities CETP.
b) Inventory of Butibori and Kagal considering discharge into HRTS land application.
c) Inventory of Lote Parshuram having operation and maintenance problem, thereby not meeting standards.
3. It was decided to prepare TOR for inventorising as above before by next week. The members to give their opinion/suggestions for preparing TOR within a week for consideration.

B. Mechanism required to monitor the performance of CETP.

1. It was decided to create a Cell with proper manpower to collect, compile and timely submission the information to the committee. On this Member Secretary stated that the capacity of MPCB is not adequate and requested Dr. Rakesh Kumar to give the knowledgeable manpower to work in this Cell at the earliest.
2. To take review/feedback of local area monitoring committee set up by MPCB in compliance of Hon'ble High Court directions.
3. Software to be develop for analysis and interpretation of the data available to ease the decision making. Dr. Rakesh Kumar to suggest about the methodology of monitoring mechanism within a weeks time inline with the methodology already adopted NEERI for Tarapur CETP performance evaluation. He may send it by e-mail for approval.

C . Requirement of new CETPs in Maharashtra.

1. To collect the information from MIDC and MPCB about the requirement of CETPs in the areas having cluster of industries and having issues related to effluent treatment and discharge. For example Nashik, Hingna, Pimpri Chinchwad etc.

Meeting ended with the vote of thanks to the Chair.