

**Minutes of the meeting held on 11/06/2018 at 11:45 AM at Gujarat
Pollution Control Board, Gandhinagar to discuss the water pollution
issues in Ankleshwar and Panoli Area and to explore technical viability
for permission of additional hydraulic load to CETP (FETP).**

A meeting was held on 11/06/2018 at Gujarat Pollution Control Board (GPCB), Head Office, Gandhinagar to discuss the water pollution issues in Ankleshwar and Panoli Area and to explore technical viability for permission of additional hydraulic load to CETP (FETP). The meeting was chaired by Chairman, GPCB. List of participants present in the meeting are as at Annexure - A. This meeting was held pursuant to the meeting held by Chief Secretary on 17/4/2018 to discuss the wastewater pollution problem in Ankleshwar & Panoli, wherein it was decided to arrange a joint meeting of GPCB, GIDC and other agencies to discuss about billing/ hydraulic load/ ghost connection and related issues and resolve the issues.

Chairman, GPCB welcomed all present, and informed about the purpose of the meeting. He also mentioned on a positive note that since the last three months the FETP inlet and outlet parameters are within the norms. Hence, new



expansion permission to the industrial units at Ankleshwar & Panoli may be given if FETP capacity and hydraulic load is available.

VC & MD, GIDC informed that although the industrial units are having booked discharge load, some of the units are discharging less effluent into NCTL. The main reason behind this may be because their effluent quality may be having high NH₃N/COD/TDS and, thus, there are chances of unauthorized discharge by such industrial units. Hence, in spite of less discharge, additional hydraulic load to other units could not be permitted. She also informed that there is no policy for charging units for their unutilised hydraulic load. Such policy needs to be framed.

VC & MD, GIDC further mentioned that the FETP is granted the CCA for 40 MLD. The distribution for Ankleshwar and Panoli is 20 MLD and 6 MLD respectively. At present, NCTL receives average 31 MLD wastewater from Ankleshwar and Panoli. So even though there is spare capacity of 9 MLD, considering the excess flow in monsoon only 6 MLD hydraulic load may be allotted as new discharge (5 MLD for Ankleshwar and 1 MLD for Panoli).

The representative of NCTL informed that the cumulative discharge from the CCA granted to the industrial units in Ankleshwar is 20 MLD, while the wastewater received at FETP is about 25 MLD, whereas the billing quantity is



only 11 MLD. Chairman, GPCB expressed deep concern about this aspect and opined that this is required to be investigated.

Member Secretary, GPCB informed that the possibility of illegal discharge may be due to the following reasons:

1. The units which are directly connected to FETP may be discharging untreated wastewater in underground drainage.
2. The ETL member units may be discharging wastewater.
3. The Units which are having ZLD permission may be discharging wastewater.

President, Ankleshwar Industries Association (AIA) informed that that they have started monitoring the CIP line and IIUS line by installing flow meter at outlet. They have found that there is a difference between effluent received quantity and billing quantity, but the reasons are not yet identified. Hence, further survey is needed to identify the same. He also requested to extend the validity of Environmental Clearance (EC) granted to the units which could not obtain CTE /CCA due to moratorium. Chairman, GPCB agreed to take up the matter with MoEFCC for extension of EC validity of such units.

GPCB's Unit Head, Ankleshwar informed that as the inlet and outlet norms of FETP are as per the norms since last few months, the Dual Discharge policy

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which was earlier withdrawn can be re-implemented in Ankleshwar and Panoli Estates for new units or expansion of existing units. He also informed that now CPC Blue manufacturing units may send their high Ammonical content wastewater to Soda Ash manufacturing units.

Chairman, GPCB suggested to stop the unauthorised discharge and the actual quantity discharged by each member units of NCTL/ETL/PETL should be worked out. He also suggested that the unutilised quantity should be surrendered by the industrial units and the excess quantity thus arising shall be transferred to the actual users who willingly want to discharge their effluent. He was of the opinion that if Zero Liquid Discharge (ZLD) units get permission to discharge their effluent, then this gap may be reduced. He further informed that, when additional hydraulic load was permitted to member units in Vapi, the situation worsened. So it is necessary that the situation be reviewed after three months before taking any further decision.

After detailed deliberations and discussions, the following decisions were taken unanimously:

- 1) Units which are not discharging their effluent to the tune of 75% of their booked quantity as per CCA (based on last 12 months' average data), then they should surrender their remaining unutilised hydraulic load, i.e.



difference of 75% of total booked quantity and actual average disposal in last 12 months. For example, if a unit is having 500 KLD effluent booked quantity as per CCA, and is discharging 200 KLD of effluent as per last 12 months' data, then remaining unutilised quantity, i.e. $(500 \text{ KLD} \times 0.75) - 200 = 175 \text{ KLD}$, should be surrendered by the unit. Board will withdraw their CCA for the same, with a note that in future if this unit wants to discharge the additional quantity, then permission may be given depending upon available hydraulic load. This extra quantity surrendered may be granted to the priority units as decided by GPCB. NCTL shall submit the data of all the units to finalise the discharge.

- 2) The member units of Ankleshwar have CCA for a total of 20 MLD effluent discharge and the member units of Panoli have CCA for a total of 6 MLD. Thus, total 26 MLD capacity CCA is already granted. Now, in Ankleshwar an additional 5 MLD quantity can be permitted; thus taking the total to 25 MLD. Similarly, in Panoli additional of 1 MLD quantity can be permitted; taking the total to 7 MLD. This additional quantity will be permitted for six months and after review of NCTL inlet and outlet parameters, further decision will be taken after 6 months. If an industrial unit surrenders the unutilised load the same will be in addition to the above decided quantity.



- 3) The criteria for deciding the priority for allotment of additional hydraulic load discharge will be as follows:
- a) First priority shall be given to units which are having EC and NOC with booked quantity of NCTL/ETL/PETL but which are not granted CTO due to moratorium imposed from 13/01/2010. In such case, the unit may apply for extension of EC and NOC, and NCTL, AIA, PIA, PETL, ETL shall submit the list of such units.
 - b) Second priority shall be given to units having effluent generation potential but were granted CCA with ZLD conditions, because of the restrictions after or during the moratorium imposed on 13/01/2010. If such unit wants to surrender the ZLD consent and wants to get regularized to discharge effluent in NCTL/ETL/PETL, the same may be permitted.
 - c) Third priority shall be given to the units which have not obtained EC but are having booked quantity in NCTL/ETL/PETL before moratorium was imposed.
 - d) Fourth priority shall be given to the units which are granted CTE/CCA under Dual Discharge Policy and want to discharge the wastewater into NCTL/ETL/PETL.
 - e) The remaining units and new units shall be given allotment on first come first serve basis depending upon the hydraulic load available.



- 4) Dual Discharge policy which was discontinued earlier will be re-implemented in Ankleshwar and Panoli region with the following conditions:
- a) Unit shall be allowed maximum upto 100% increase in existing load.
 - b) Unit shall have to comply with all the conditions framed under Dual Discharge Policy.
 - c) Unit can switch over to another mode of disposal of wastewater depending upon the availability of hydraulic load after obtaining prior permission of the Board.
- 5) CPC Blue manufacturing units may send their high Ammonical content wastewater to Soda Ash manufacturing units after obtaining necessary permission.
- 6) Units may be given permission for utilizing spent / hazardous waste for manufacture of inorganic products in Ankleshwar Estate, which was restricted earlier.
- 7) GPCB shall take up with MoEFCC for extension of validity of EC for the industrial units which could not obtain NOC/CCA due to moratorium.



- 8) The above priority shall be implemented in a most transparent manner. AIA, NCTL, ETL, PETL and PIA shall submit the list of units and details to GPCB. Board will, thereafter, finalise the priority of the units for allotment of discharge quantity.
- 9) After six months, the following points may be reviewed and further decisions taken:
- a) FETP Inlet and Outlet parameters should be within norms.
 - b) There should be reduction in unaccounted quantity received at FETP and there should be no difference between actual quantity received and the billing quantity.
 - c) COD and NH₃N parameter at FETP outlet should not exceed 500mg/l and 50 mg/l respectively. This will be the joint responsibility of AIA, NCTL, PIA and PETL.
 - d) Inlet to pumping station A, B and C shall be closed.
- 10) GPCB's decision will be final and binding in all the above matters.

The meeting ended with thanks to the Chair.


(Arvind Agarwal, IAS)
Chairman, GPCB

**Meeting chaired by Hon. Chairman, GPCB for discussion of issues of
Ankleshwar and Panoli area
at Room No. 106, Head office, GPCB, Gandhinagar
Date: 11/06/2018, Time: 11.45**

Attendance sheet

Sr. No.	Name of officer	Designation & Department
1	Shri Arvind Agrawal, IAS	ACS, Forest & Environment Dept. & Chairman, GPCB
2	Smt. D.Thara, IAS	VC & MD, GIDC
3	Shri K C Mistry	Member Secretary, GPCB
4	Shri G.H. Trivedi	Unit Head , Ankleshwar, GPCB
5	Shri R.B. Trivedi	Regional Officer, Ankleshwar, GPCB
6	Shri A. G. Patel	Vigilance Officer, Surat, GPCB
7	Shri M. P. Chavda	Exe. Engineer, GIDC
8	Shri N.M. Chatwani	Exe. Engineer (I/C), (PH), GIDC
9	Shri Himmat B. Sheleadia	Chairman-NAA
10	Shri Mahesh J. Patel	President, AIA, Ankleshwar
11	Capt. A.G.Chitre	Member AIA & Director Heubach Color
12	Shri A. A. Dolti	CEO-AIA, Ankleshwar

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Sr. No.	Name of officer	Designation & Department
13	Shri Ramesh D. Gabani	Member, AIA, Ankleshwar
14	Shri Rushi Shah	NCT-Committee (Member)
15	Shri Pawan Agarwal	Technical Head, NCT
16	Shri Shaktisingh	Assistant Manager, NCT
17	Shri S. B. Parmar	DEE, R.O., Ankleshwar, GPCB
18	Shri Y.D. Suthar	DEE, Ankleshwar Unit, GPCB
19	Shri P.B.Patel	DEE, Ankleshwar Unit, GPCB