



A-14011/1/2018-WQM-I

22.5.2018

To
The Member Secretary
Daman, Diu & Dadra & Nagar Haveli,
Fort Area, Court Compound,
Moti Daman - 396220

Subject: -Minutes of the meeting held on 8.5.2018 in CPCB on Inter-State Water Pollution issue of River Daman Ganga between Gujarat and Daman ,Diu & DNH

Sir,

This has reference to the meeting held in CPCB on 8.5.2018 on Inter-State water pollution issue of river Daman Ganga between Gujarat State and Daman , Diu Union Territory.

Please find enclosed a copy of the minutes of the aforesaid meeting for kind information & for ensuring compliance as per decisions taken in the meeting. The venue and date of the next meeting with the concerned will be intimated by Regional Directorate, Vadodara, CPCB.

Yours faithfully,

(A.Sudhakar)
Member Secretary

Encl: As above
Copy to :-

(i) Regional Director
Regional Directorate (West),
Central Pollution Control
Board,
'Parivesh Bhawan,' Opp.
VMC Ward Office No.10
Subhanpura,
Vadodara-390023

: For kind information and follow up
please

(A.Sudhakar)



CENTRAL POLLUTION CONTROL BOARD

(Ministry of Environment, Forest and Climate Change)

PARIVESH BHAWAN, EAST ARJUN NAGAR

DELHI-110032

Minutes of the meeting held on 08.05.2018 in CPCB on Inter-State Water Pollution Issue of River Daman Ganga between Gujarat SPCB and Daman & DNH PCC

A meeting was convened on 8.5.2018 at 11.00 A.M in CPCB under the Chairmanship of 'Member Secretary, CPCB' with the officials of Gujarat Pollution Control Board (GPCB) and Daman & Diu Pollution Control Committee (DD & DNH PCC) to discuss the issue of inter-state water pollution of river Daman Ganga. List of participants is enclosed at **Annexure I**.

After brief introduction of the officials, Shri A. Sudhakar, Member Secretary, CPCB welcomed the officials and at the outset he stated that there is an issue of water pollution in river Daman Ganga mainly due to discharge of industrial effluents as well as CETP, Vapi and the issues need to be discussed with both GPCB and DD & DNH PCC so as to arrive at the suitable action plans for restoration of river Daman Ganga. Thereafter, he requested Dr. R. M. Bhardwaj, Sc E & In-Charge WQM-I DIV to brief about the issues relating to Daman Ganga. Sh Bhardwaj explained that the inter-State matter is known to CPCB after complaints received from DD & DNH PCC and subsequent minutes of the meeting received by CPCB vide GPCB letter dated 03.4.2018 seeking further suggestions from CPCB in the matter. Therefore, the meeting is convened to hear both Pollution Control Boards. Thereafter, he requested Shri J.C.Babu, Sc'D', to make a brief presentation on the issue.

Shri J.C. Babu, Sc D, WQM-I Div. made a brief presentation on the issue of pollution identified in river Daman Ganga based on the monitoring carried out by CPCB at inter-State locations and the monitoring results reveal that there is a polluted river stretch of river Daman Ganga in Gujarat State and Daman & Diu UT mainly due to the sewage/effluent discharges. He also informed about the agreed action points or decisions taken during the meeting held on 9.2.2018 between Gujarat PCB and Daman & Diu PCC. He also highlighted about the Hon'ble NGT order dated 27th October, 2017 that the discharge point to be extended and a diffuser system as suggested by National Institute of Oceanography (NIO) approximately 4.5 Km downstream from the existing discharge location of CETP Vapi in the Daman Ganga Estuary.

The Member Secretary, Daman & Diu PCC mentioned that the Daman, Diu & DNH has not agreed to the decision for laying of a pipeline further 4.5 Km downstream through Daman territory to discharge effluent of CETP, Vapi into Arabian sea as livelihood of Mangela fishing community located near the seashore will be affected. He requested that rather the laying of pipeline should pass through Gujarat territory via Sarigam or Umbergam. He also informed about the study which was carried out by DD & DNH through NEERI to assess the river water quality of River Daman Ganga as well as 22 drains from Motidaman to Vapi which are also contributing to the river Daman Ganga pollution. The study reveals that there were effluent discharges contributing to the poor quality of River Daman Ganga. Therefore, he requested that the Gujarat State is required to take necessary measures for discharge of treated effluent into river Daman Ganga. He also requested CPCB to increase more monitoring locations to be included for joint monitoring of river Daman Ganga as well as drains contributing to river pollution of Daman Ganga.

Sh K.U Mistry, MS, GPCB informed that the industries such as GHCL, few Dyeing/Textile Units and CETP, Vapi which are not complying to the effluent discharge norms were given directions under the E (P) Act, 1986 to ensure compliance to the effluent discharge norms prescribed by GPCB. However, he agreed that the CETP, Vapi is not complying to the effluent discharge norms though there is a considerable improvement. He also stated that the action is under progress for compliance to the Hon'ble NGT order dated 27.10.2017 for laying of pipeline into deep sea. He also mentioned that there is an alternate proposals for laying of pipeline through Umbergam and Sarigam for which feasibility studies are under consideration. However, some time is required to carry out preliminary survey for pipeline alignment through Umbergam area in Gujarat territory.

Sh B.R Naidu, Regional Director, CPCB-Vadodara expressed that additional pipeline through Sarigam shall be around 7-8 Km and permanent arrangement is needed to resolve the dispute. He also suggested that the Daman Administration has to identify and communicate the new monitoring locations for joint monitoring and for further analysis either at CPCB-RD laboratory or any Laboratory recognised under the E (P) Act, 1986.

Sh R.M. Bhardwaj, Division Head, WQM-I expressed his concern that the effluent discharge standards for CETP, Vapi requires revisit considering the carrying capacity of river Daman Ganga. He also expressed his concern that water abstracted for various uses from the river must come back to the river only after imparting proper treatment as it helps in maintaining environmental flow and also suggested that the CETP, Vapi should take necessary measures for up gradation so as to ensure compliance to the effluent discharge norms before discharge of treated wastewater into river Daman Ganga or discharge deep into Arabian Sea through diffuser system.

After detailed discussions with the officials of GPCB and DD & DNH, following decisions were taken as detailed below:-

- (i) GPCB is required to complete the feasibility studies for all the possible options of alignments (Eg., via Umbergam, Sarigam) for laying of pipeline for disposal of treated effluents of CETP, Vapi etc., in to Arabian Sea, and same shall be submitted to CPCB by June 05, 2018. Thereafter, within two months, cost estimates, action plan with time lines (for laying of pipeline for disposal of treated effluents of CETP, Vapi etc., in to Arabian Sea) need to be submitted to CPCB by GPCB.
- (ii) Daman, Diu & DNH is required to submit a copy of the study conducted through NEERI to CPCB as well as GPCB for examining the issues.
- (iii) Daman, Diu & DNH is required to finalize additional sampling points (river Daman Ganga & drains) in consultation with Regional Directorate, CPCB, Vadodara for joint monitoring.
- (iv) A meeting will be convened at RD, CPCB, Vadodara on 6th June 2018 to review the progress and action taken on the afore-said decisions. Thereafter, final meeting will be conducted in CPCB, Delhi for finalizing the action plans for implementation both by GPCB and DD & DNH.

The meeting ended with vote of thanks to the Chair.

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List of Participants attended the meeting held on 08.5.2018 in CPCB on Inter-State Water Pollution issue of River Damam Ganga between Gujarat and Daman & DNH

S No	Name of Officials	Designation	Organisation & Address	Contact Number & E-mail ID
1	Shri A.Sudhakar	MS	CPCB, Delhi	8800326699 mscb.cpcb@nic.in
2	Sh K.C. Mistry	MS	GPCB, Gandhinagar	982546967
3.	Sh Sandeep Kumar Singh	MS	DD& DNH PCC	9436289791 sandeep.singh@ias.nic.in
4	Sh Sushil Vegda	SEE,	GPCB, Gandhinagar	
5.	Sh Rajesh Parmar	EE	GPCB, Gandhinagar	9428503191
6	Sh B.R.Naidu	Director	CPCB-RD, Vadodara	9427301794
7	Sh D. Gowda	AD	CPCB, Delhi	9868743169
8	Sh Ajay Agrawal	AD	CPCB , Delhi	9868210860
9.	Sh Anil C. Ranveer	AD	CPCB , Delhi	9892094125 anilranveer.cpcb@gov.in
10	Sh Gurnam Singh	AD	CPCB , Delhi	gurnamsingh.cpcb@nic.in
11	Dr.R.M.Bhardwaj	AD,	CPCB , Delhi	
12	Sh J.Chandra Babu	Sc'D'	CPCB , Delhi	jcb.cpcb@nic.in
13	Smt Suniti Parashar	Sc 'B'	CPCB , Delhi	sunitiparashar@gmail.com
14	Smt Alpana Narula	SSA	CPCB , Delhi	narulaalpana@gmail.com