

Government of Punjab
Department of Science Technology and Environment
Directorate of Environment & Climate Change

To

- (i) The Administrative Secretary,
Department of Local Government
- (ii) The Administrative Secretary,
Department of Rural Development & Panchayats
- (iii) The Administrative Secretary,
Department of Industries & Commerce
- (iv) The Administrative Secretary,
Department of Housing and Urban Development
- (v) The Administrative Secretary,
Department of Soil & Water Conservation
Department of Agriculture
- (vi) The Administrative Secretary,
Department of Water Resources
- (vii) The Administrative Secretary,
Department of Water Supply & Sanitation
- (viii) The Commissioner,
Municipal Corporation, Ludhiana
- (ix) The Commissioner,
Municipal Corporation, Jalandhar
- (x) The Regional Director,
Central Ground Water Board

Letter No. DECC/2019/148-157

Date: 28.03.2019

Subject: Proceedings of First meeting of Monitoring Committee to review the progress on implementation of Action Plans for abatement of pollution in River Sutlej & Beas held under the Chairmanship of Hon'ble Justice Pritam Pal, Former Judge, Punjab & Haryana High Court on 20.03.2019 at 10.00 AM in CR/PSCST, MGSIPA Building, Chandigarh.

Kindly refer to the subject cited above.

2. Please find enclosed herewith copy of proceedings of First meeting of Monitoring Committee to review the progress on implementation of Action Plans for abatement of pollution in River Sutlej & Beas held under the Chairmanship of Hon'ble Justice Pritam Pal, Former Judge, Punjab & Haryana High Court on 20.03.2019 at 10.00 AM for information & further necessary action please.


Joint Director

Endst. No. DECC/2019/ 158-163

Date: 28.03.2019

A copy of the above is forwarded to following members of Monitoring Committee for their information:

- 1) Hon'ble Justice Pritam Pal, Former Judge, Punjab & Haryana High Court, Chandigarh.
- 2) Sh. Subodh Aggarwal, Former Chief Secretary, Punjab
- 3) Dr. Babu Ram, Former Member Secretary, Punjab Pollution Control Board
- 4) Sant Balbir Singh Seechewal,
- 5) Sh. J. Chandra Babu, Central Pollution Control Board
- 6) Sh. Niraj Mathur, Rajasthan Pollution Control Board



Joint Director

Endst. No. DECC/2019/164-167

Date: 28.03.2019

A copy of the above is forwarded to following for their information please:

- 1) PS to Principal Secretary, Department of Science Technology & Environment, Govt. of Punjab
- 2) PS to Director, Directorate of Environment & Climate Change, Department of Science Technology & Environment, Government of Punjab.
- 3) PS to Chairman, Punjab Pollution Control Board, Patiala
- 4) PS to Additional Secretary, Department of Science Technology & Environment, Govt. of Punjab



Joint Director

Proceedings of the 1st Meeting of the Expanded Monitoring Committee set up by National Green Tribunal (NGT) under the Chairmanship of Hon'ble Justice Pritam Pal, Former Judge, Punjab & Haryana High Court to review progress of implementation of Action Plans for River Beas and Sutlej on 20.03.2019 at 10:00 am in Conference room of PSCST, MGSIPA, Chandigarh

Item No. 1 Leave of Absence

The following members of the Committee attended the meeting

Members of the Committee	Sh. Subodh Agrawal
	Dr. Babu Ram
	Sh. Balbir Singh Seechewal
	Sh. J Chandra Babu, CPCB
	Sh. Niraj Mathur, RPCB

The following officers from various Departments attended the meeting

Department of Science, Technology & Environment	Sh. R.K. Verma, IAS, Principal Secretary Sh. Pardeep Garg, Joint Director Sh. Gurharminder Singh, SSO Ms. Manak Bola, JRF
Department of Local Government	Sh. Mohd. Ishfaq, IAS, Additional CEO, PWSSB Sh. K.P. Goyal, EIC, PWSSB Sh. A.S. Dhaliwal, Chief Engineer Sh. Mukhtiyar Singh, Chief Engineer Sh. Jatin Vasudeva, EE
Municipal Corporation, Ludhiana	Sh. Sanyam Aggarwal, IAS, Additional Commissioner Sh. Ravinder Garg, SE Sh. Ekjot Singh, SDO
Municipal Corporation, Jalandhar	Sh. Harcharan Singh, PCS, Joint Commissioner Sh. Kishor Bansal, SE
Punjab Pollution Control Board	Dr. S.S. Marwaha, Chairman Sh. Gulshan Rai, CEE Sh. Harbir Singh, SEE Sh. Sandeep Behal, SEE

Department of Rural Development and Panchayat	Sh. Jaskiran Singh, IAS, Director Sh. Davinder Kumar, SE
Department of Water Supply & Sanitation	Sh. R.P. Gupta, SE
Department of Information & Public Relation	Ms. Anindita Mitra, IAS, Director Sh. Kamaljeet Paul, PRO
Department of Industries & Commerce	Sh. S.K. Sharma, PSIEC
Department of Soil & Water Conservation	Sh. G.S. Dhillon,
Department of Water Resources	Sh. J.S. Bhandari, SE Sh. Mahesh Singh, XEN, Drainage Sh. Ashutosh Kumar, XEN Sh. Kuljinder Singh, SDO Sh. Bhupinder Singh, SDO Sh. Narindra Kumar, JE
Department of Housing & Urban Development	Sh. Gurpreet Singh, SDE, GLADA
Central Ground Water Board	Sh. Anoop Nagar, Regional Director Sh. Rakesh Rana, Scientist-D
Department of Agriculture	Sh. Jaswant Singh, Geologist

No representative from Department of Health & Family Welfare attended the meeting. The reasons for the absence may be ascertained and informed in the next meeting.

Item No. 2 Review of monitoring of Water Quality of River Sutlej & Beas

Principal Secretary, Environment informed the Committee that reliable data regarding quality of water at various locations of the rivers is essential for monitoring the progress and PPCB has been asked to install online continuous monitoring system by State level committee under Chief Secretary. PPCB is also in the process of finalizing the protocol for taking samples of water for quality testing.

The Committee noted the current status and directed to expedite installation of at least 7 continuous monitoring stations at various critical locations of the rivers Sutlej and Beas.

Item No. 3 Review of monitoring of functioning of existing STPs in the catchment area

PPCB informed that out of 53 STPs monitored during the month of January, 2019, 30

STPs were found to be not achieving the prescribed discharge standards. It was discussed that the non-compliance may be due to old technology, operational failures due to unskilled manpower, operational failures due to lack of upkeep of equipment or material shortage, operational failures due to lack of spare parts.

It was further informed that regular funds are not made available for operation and maintenance of the STPs impacting their operations leading to failure. It was also brought out that there is no provision of holding tanks to detain sewage in case of repair/ breakdown of the STP.

The Committee noted the current status with great concern that majority of the STPs are not achieving the prescribed standards and directed as under:

- (i). The reasons for not meeting the standards have to be ascertained for each STP.
- (ii). In case of STPs designed for old standards, a column regarding their meeting old standards shall also be brought out.
- (iii). The detailed status of requirement of funds and availability of funds in respect of each STP may be brought out.
- (iv). Monitoring at inlet as well as out let shall be carried out.
- (v). The requirement of holding tank in the design of STPs may be examined by Department of Local Government and clarified to the committee.
- (vi). Transfer of STPs for O&M from multiple agencies such as GLADA, DWSS to the nodal agency laid down by Department of Local Government shall be expedited.
- (vii). PPCB shall monitor the sludge of STPs on quarterly basis to ascertain quantity as well as quantity.
- (viii). All concerned agencies will provide the information as per the prescribed proforma for review by the Committee.

Item No. 4 Review of monitoring of functioning of CETPs in the catchment area

PPCB informed that CETP for Leather Complex at Jalandhar was found to be not achieving the prescribed discharge standards. Chairman PPCB informed that due to close monitoring, there has been some improvement in the functioning of CETP, Leather Complex.

The Committee noted the current status and directed that PPCB shall closely monitor the CETP, leather complex and ascertain the reasons for operational failures of CETP along with remedial measures required for the same.

Item No. 5 Review of monitoring of functioning of ETPs installed by industries

PPCB informed about the status of inspection of ETPs and action taken by the Board in case of non-compliance. It was discussed that there is need to make the inspections more effective by introducing suitable checks by senior officers and also focusing on industrial units carrying greater risk of causing pollution. Chairman, PPCB further informed that he had taken strict action of closure against the industrial unit in Dera Bassi, which was discharging its untreated effluents into ground.

The Committee noted the current status and after discussion directed the Board to strengthen inspection mechanism as follows:

- (i) Industrial units for inspection shall be selected based on risks for causing pollution such as their proximity to water bodies, past history, quantity of effluents, toxicity of effluent and other relevant factors to be finalized by the Board.
- (ii) From the total inspections carried out by Regional Officers (Environmental Engineer), certain percentage say 10% shall be re-inspected by Senior Environmental Engineer and certain percentage say 5% by Chief Environmental Engineer and certain percentage say 1% by Chairman. This will ensure that entire exercise is carried out diligently by ROs and other levels.
- (iii) The Board must take strict action in all cases, which are found violating the laid down norms.

Item No. 6 Review of progress of Setting up of New / Up-gradation/ Rehabilitation of STPs

The current status of progress of setting up of new STPs is given below:

	Funds Tied Up					Funds Not Tied Up	Total
	DPR Stage	Land Acquisition	Tendering Stage	Work in progress	Total		
Sutlej	0	2	5	8	15	28	43
Beas	2	1	3	1	7	8	15

The Committee noted the current status and directed that a detailed review will be carried out in the next meeting.

Item No. 7 Review of Progress of Setting up of new/ upgrading of CETPs in catchment area

PPCB informed that two CETPs namely 15MLD at Bahadur Ke Road and 40 MLD at Focal Point will be commissioned by 30.06.2019 and 31.10.2019, respectively. The

progress in respect of third CETP of 50 MLD was not satisfactory.

It was discussed that the Department of Environment and Board shall examine the provisions of Environment Act, 1986 and Water Act, 1974 to provide a legally binding framework for the industrial units for availing the services of CETP and providing requisite financial contribution for construction and subsequent operation and maintenance of the facility.

Regarding up-gradation of ETPs by 14 large scale dyeing units to achieve standards at par with CETPs, PPCB informed that letters have been issued to all the units in this regard.

The Committee noted the progress and directed as under:

- (i) The two CETPs to be commissioned by 30.06.2019 and 31.10.2019 must be completed in time and no more extension in time shall be given.
- (ii) PPCB shall strictly monitor the third CETP to restart the same and its completion in a time bound manner.
- (iii) Legal framework for setting up of CETPs and their operation and maintenance shall also be examined.
- (iv) PPCB to report on the status of up-gradation of 14 large scale dyeing units in the next meeting.

Item No. 8 Review of Progress of Setting up of ETPs for dairy and other misc. waste

The Committee noted the current status and directed that the firm timelines be finalized for setting up of ETPs and Biogas plants.

Item No. 9 Reconciliation of Waste Water & Industrial Effluents for city of Ludhiana

The status w.r.t. the quantity of waste water generated from Ludhiana city being discharged into Budha Nallah alongwith view point of Municipal Corporation, Ludhiana & Punjab Pollution Control Board ^{were} ~~was~~ presented before the Committee.

Further, it was informed that MC, Ludhiana has been raising the issue of quantity of waste water discharged into Budha Nallah being in far excess of domestic supply of waste water and there is a substantial difference between the waste water generation estimated by MC, Ludhiana & PPCB.

The Committee discussed the matter and directed that MC, Ludhiana & PPCB shall jointly carry out the estimation of waste water generation in a scientific manner within one month & the progress in this regard may be put up before the Committee in the next meeting.

Item No. 10 Review of progress of release of Fresh Water in Budha Nallah & Holy Bein

Superintending Engineer (Canals), Department of Water Resources informed that the release of fresh water into Budha Nallah and Holy Being relates to their Drainage Division.

The Committee desired that the Department of Environment may hold the meeting with Department of Water Resources on these two projects.

The detailed status be reported in the next meeting and the concerned officer of the Department shall be called for the meeting.

Item No. 11 Review of Re-use of Treated Waste Water for Irrigation and other purposes

Department of Soil & Water Conservation informed that it has submitted projects amounting to Rs. 269 crores to Government of India under Pradhan Mantri Krishi Sanchai Yojna (PMKSY) for re-using the treated sewage of 52 STPs for irrigation in February, 2018.

Further, it was informed that the project amounting to Rs. 95 crores for re-using the treated sewage of 25 STPs for irrigation department has been approved by Government of Punjab under NABARD- RIDF-25 in December, 2018. The funds for the same are to be released in the coming Financial Year i.e. 2019-20.

The Department of Water Resources informed that the treated sewage of STPs located at Jamalpur&Balloke cannot be utilized for irrigation as these STPs are surrounded by thickly populated industrial areas. The Budha Nallah should be channelized from Balloke at RD 100000 to Walipur Village at RD 150000 (approximately 15.24 Km) before constructing the proposed channel from 150000 of Budha Nallah onwards.

Further, the re-use of treated sewage of Bhattian, STP for irrigation, the scheme is not feasible as the STP is very near to river Sutlej surrounded by Ludhiana city.

The Committee noted the current status and directed as under:

- (i) Department of Soil & Water Conservation to present the latest progress for the project submitted to Government of India in the next meeting of the Committee.
- (ii) The Department of Water Resources, Department of Local Government and Department of Environment to hold meeting regarding future roadmap and way forward for channelization of Lower Budha Nallah as informed by Department of Water Resources. The progress shall be reported in the next meeting.

Item No.12 Review of action taken to prevent dumping of Solid Waste into Budha Nallah

The Committee noted the progress and directed Municipal Corporation, Ludhiana to take adequate measures including installation of CCTV cameras, fencing, awareness

and challaning of the offenders to keep a check on the dumping of solid waste into Budha Nallah.

Item No.13 Review of Progress for Setting up of Treatment Facilities in Villages

The Committee noted the progress and directed Department of Rural Development & Panchayats to expedite implementation of phase 1.

Item No.14 Review of Shifting of Small / Medium scale scattered dyeing units

The Committee noted the current status.

Item No.15 Review of Progress of installation of OCMS & CCTVs for STPs & Industries

The Committee noted the progress.

Item No.16 Review of the progress regarding organization of Health Check-up Camps

The information is awaited from the Department of Health & Family Welfare. The Committee directed the Department to present their progress on the number of health camps organized and the people found affected with water borne diseases. Besides above, the Department may also collect information from surrounding Government Hospitals/ dispensaries as well as from private Health Care Facilities in this regard.

Item No.17 Review of Public Awareness Programs regarding cleaning of the rivers

The Committee requested all the concerned stakeholder departments to organize awareness campaigns to sensitize public at large regarding the importance of clean water and the health effects of contaminated water.

Concluding Remarks

At the end, the Chairman solicited proactive support of all the departments to control the water pollution of River Sutlej & Beas. Further it was informed that regular site visits to all the critical & vulnerable points of sources of pollution would be conducted by the committee to review the progress on monthly basis. The Chairperson directed all the stakeholder departments to nominate the nodal officers and firmly adhere to the timelines for implementation of Action plans in compliance of the orders of the Hon'ble NGT. He stressed that involvement of civil society is must for concrete and substantial outcomes. He also emphasised that all the relevant rules and other guidelines must be implemented in letter and spirit and officers at all levels to enforce the same with due diligence.

The meeting ended with vote of thanks to Chair.

