

Proceedings of the fourth meeting of NGT Monitoring Committee under the Chairmanship of Sh. S.C. Aggarwal, IAS, Former Chief Secretary, Punjab and Senior Member of the Monitoring Committee on 20.06.2019 at 10.00 AM to review the progress on implementation of Action Plans for abatement of pollution in River Sutlej, Beas & Ghaggar in Conference Room of PSCST, MGSIPA Complex, Chandigarh

Agenda No. 4.0 General Directions

At the outset, the Chairman stressed that there is a need to focus on priority areas to ensure time bound results. Following three broad points were accordingly made:

1. In case of industrial pollution, keeping in view that adequate time has been given to ensure compliance, there shall be zero tolerance going forward and following directions were issued:
 - (i) Strict action shall be taken for non-compliance by the industries including closure and environmental compensation.
 - (ii) In case of delays in setting up of CETPs as per timelines given in the action plan submitted to NGT, action shall be taken by the Board including levy of environmental compensation.
2. In case of domestic wastewater, it was directed to ensure the following:
 - (i) Bypass mechanism to be sealed by the Board. Action shall be taken against the STP Operator/ Officer in-charge in case of violation of the laid down procedure.
 - (ii) The chlorination should be provided on all the STPs to achieve the discharge standard of F.Coli.
 - (iii) The sludge to be disposed off for its use in the agriculture fields.
3. In case of Ludhiana, it was directed to ensure the following:
 - (i) The details regarding industrial and domestic waste water, their conveyance systems etc. shall be finalized jointly by Municipal Corporation, Punjab Pollution Control Board and Punjab Water Supply and Sewerage Board without any further delay.

- (ii) Thereafter, firm plans including cost estimates and timelines for setting up of treatment facilities shall be presented in the next meeting of the Committee.
- (iii) The plans shall be based on the actual discharges being finalized rather than on norms fixed for consumption thereby leaving a gap.

Agenda No. 4.1 Leave of Absence

- 1. The following Members of the Committee attended the Meeting

Members of the Committee	Dr.Babu Ram
	Sh. Sukhjeet Singh on behalf of Sh. Balbir Singh Seechewal

- 2. Sh. J.Chandra Babu, CPCB and Sh. NirajMathur, RPCB, members of NGT Monitoring Committee could not attend the meeting because of their pre-occupations.

- 3. The following Officers from various Departments attended the meeting:

Department of Science, Technology & Environment	Sh. Rakesh Kumar Verma, IAS,Principal Secretary Sh. Keshav Hingonia, IAS, Additional Secretary Sh. Pardeep Garg, Joint Director Sh. Gurharminder Singh, SSO
Local Government	Sh. MukulSoni, Chief Engineer
PWSSB	Sh. K.P. Goyal, ETC/TA Sh. Jitin Vasudeva, EE-1 Ms. Lata Chauhan, EE
MC, Ludhiana	Sh. Sanyam Aggarwal, IAS, Additional Commissioner Sh. Ekjot Singh, SDO
MC, Jalandhar	Sh. Kishor Bansal, SE, (O&M)
Punjab Pollution Control Board	Sh. S.S. Marwaha, Chairman Sh. Krunesh Garg, MS Sh. Gulshan Rai, CEE,
Department of Agriculture	Sh. Dharminder Sharma, IFS, CCS Sh. G.S. Dhillon Ms. SumarBala, Asstt. Geologist, Agriculture &

(Department of Soil & Water Conservation)	Farmers Welfare,
Department of Water Resources	Sh. R.P. Singh, SE (Drainage), Jalandhar Sh. Ashutosh Kumar, Executive Engineer
Department of Water Supply & Sanitation	Sh. Rajinder Singh, CE
Department of Health & Family Welfare	Sh. Puneet Goyal, IAS, Special Secretary, Dr.Gurjot Kaur
Department of Rural Development & Panchayats	Sh. Jaskiran Singh, IAS, Director
Department of Industries & Commerce	Sh. S.K. Sharma, XeN, PSIEC
Department of Housing & Urban Development	Sh. Balwinder Singh, SE, GLADA Sh. RanjivManaktala, SDE, GMADA

Agenda No. 4.2 Confirmation of the proceedings of the 3rd Meeting

Proceedings of the 3rd meeting of the monitoring committee held on 29.05.19 were confirmed.

Agenda No. 4.3 Review of monitoring of Water Quality of Rivers

1. The Board informed that the tender notice has been issued for procurement of one Real Time Water Quality Monitoring Station (RTWQMS) and based on the rates discovered, orders will be placed for other stations. The matter was discussed and it was directed that tender shall be revised to install all 11 RTWQMS as finalized earlier.
2. It was also directed that the Board shall engage some agency/ academic

institution of repute to analyze the water quality data and to develop a model for correlating the water quality with various sources of pollution falling in various stretches of the catchment area .

Agenda No. 4.4 Review of monitoring of functioning of existing STPs in the catchment area

1. Meeting of NGT Monitoring Committee held on 29.05.19

The action taken was reviewed and following observations were made and decisions taken:

Sno.	Decision of NGT Committee	Observations and further directions
(i)	O & M Manual	The Committee directed PWSSB to finalize the manual in next two weeks and make a presentation on the same to the Committee.
(ii)	Bypass System	The Committee directed PPCB to put a seal on the bypass of all STPs within two weeks.
(iii)	Composite Samples	PPCB reported that it has started collecting the composite samples of the STPs of Ludhiana & Jalandhar.
(iv)	Access to Online Data	PWSSB to depute the concerned officer to provide access of online data to the members of Monitoring Committee, PPCB & DECC, as well on the website set up by DECC.
(v)	Action against defaulting STPs	PPCB shall finalize the action against the defaulting STPs expeditiously.

2. Field Visit of NGT Monitoring Committee to Ludhiana on 01.05.19

The progress on the observations made by NGT Monitoring Committee during field visit to Ludhiana on 01.05.2019 was discussed and following decisions were taken:

Sno.	Recommendation	Observations and further decisions
(i)	Action against Punjab Dyer Association	PPCB reported that it has already issued notice. It was directed that action shall be finalized within one month.
(ii)	Outlets carrying industrial wastewater into Budha Nallah	PPCB reported that the action is under process. Action shall be completed within one month
(iii)	Joint study by PPCB and MCL	The Committee directed that exercise must be completed before the next meeting. PPCB to depute one dedicated officer for joint verification.
(iv)	Shifting of Dairies/ Treatment of Effluent	The Committee directed MCL to finalise the alternative namely shifting of dairies or setting up of effluent treatment plants within next 30 days. It has already been delayed.
(v)	Presence of colour in the treated sewage of STP Bhattian	PPCB reported that it has sent the sample to PAU for analysis.
(vi)	Performance of 111 MLD STP Bhattian	MCL reported that estimate has been prepared for constructing bypass to de-silt the FPU's at STP Bhattian. The work to be executed expeditiously.
(vii)	Desilting of Budha Nallah before monsoons.	The Department reported that it has deployed 7 machines for de-silting and 50% of the work has been completed. The remaining work shall be completed before monsoons.

3. Field Visit by NGT Monitoring Committee to Jalandhar on 8.5.19

The progress on the recommendations made by NGT Monitoring Committee

during field visit to Ludhiana on 08.05.2019 was reviewed and following decisions were taken:

Sno.	Recommendation	Status
(i)	Upgrade STP Pholriwal	MCJ directed to expedite the progress.
(ii)	Presence of Oil & grease in the disposal point located in Beant Singh Park	The Committee directed that PPCB shall ensure that the committee constituted by Department of Industries and Commerce regarding CETPs required for various focal points gives its recommendations within 15 days.
(iii)	The overflow of disposal point near M/s. Jagran Prakashan Limited	PSIEC reported that it has plugged the outlet. PSIEC shall also report regarding setting up of separate STP.
(iv)	Untreated sewage of disposal of Kalia Colony, Jalandhar	MCJ reported that the overflow of these disposals being discharged into Kala Singhian Drain as the municipal sewers require de-silting. The Department further reported that a budget of Rs. 5-7 crore is required to de-silt the sewer in 3-4 months. The action taken by MCJ is not satisfactory and MCJ was directed to prepare detailed proposal and arrange funding for the same including approaching the State Government for funding, if required.
(v)	Various other outlets overflowing into Kala Sanghia Drain	MCJ to take action as suggested in (iv) above.

4. Field Visit of NGT Committee to Kapurthala/ Sultanpur Lodi on 22.05.19

The progress on the recommendations made by NGT Monitoring Committee

during field visit to Kapurthala/ Sultanpur Lodi on 22.05.2019 was reviewed and following decisions were taken:

Sno.	Recommendation	Observations and further directions
(i)	De-sludge the ponds of STP, Sultanpur Lodhi and replace the lifting pumps with new pumps within 2 months	PPCB reported that it has issued directions. Further the Committed decided that representatives of PPCB, PWSSB, DLG along with Baba Sukhjeet Singh Seechewal would visit these STPs and give its recommendations w.r.t. actions needs to be taken within two weeks.
(ii)	Regular operation of Kapurthala STP	The Committee asked DLG to explore the transfer of operation & maintenance of the STPs belonging to Municipal Committees to PWSSB for their effective operation.
(iii)	Land for treating the sewage of Rawal & its Colonies	The Committee directed JDA to take the ownership for acquisition of land for setting up of STP.
(iv)	Outlets of some localities of Kapurthala town falling into Wadala Drain	Visit by the Committee as per Sr. No. (i) above and recommendations.
(v)	Discharge of sewage of village Khera Donna	DRDP was directed to get the needful done.

5. Monitoring of STPs by PPCB for the month of May 2019

The Committee noted large number of non-compliant STPs and directed the Department to take necessary steps for improving the performance.

6. Action Taken by PPCB against non-compliant STPs

The Committee directed PPCB to expedite disposal of pending cases against non-compliant STPs. The Board may also examine to delegate the powers

appropriately keeping in view the pendency of cases. The Board may also examine whether action can be taken against the STP Operator under Water Act or other directions of NGT.

7. Action Taken by PWSSB

The Committee noted the progress and found that penalties are not proportionate to the scale of non-compliance being reported. PWSSB and other agencies responsible for O&M of various STPs need to ensure that the STP operators are accountable to performance of the STPs.

8. Action Taken by Water Supply and Sanitation

The Committee noted the progress.

9. Action taken by MCL

The Committee noted the progress.

10. Action Taken by GMADA

The Committee noted the progress.

11. Action Taken against Supervisory Staff

The Committee noted the progress.

Agenda No. 4.5 Review of monitoring of functioning of CETPs in the catchment area

1. Monitoring of CETPs for the month of May 2019 by PPCB

The Committee directed the Board to expedite action against non-compliant CETPs for the month of May 2019 namely Leather Complex, Jalandhar and CETP Electroplating, Malerkotla.

2. Field Visit of NGT Committee to CETP Leather Complex on 08.05.2019

The progress on the recommendations made by NGT Monitoring Committee during field visit to Ludhiana on 08.05.2019 is as under:

Sno.	Recommendation	Observations and further directions
(i)	Up-gradation of CETP by PETS	PPCB reported that the action is under progress. The up-gradation to be

		completed in time bound manner.
(ii)	PG from PETS	PPCB reported that Performance Bank Guarantee of Rs. 25 lacs has been taken from PETS.
(iii)	Installation of various Components by PETS	PPCB has already taken action in this regard. PPCB to submit compliance report in writing.
(iv)	Outlets of storm water drain, presently carrying sewage of Leather Complex into Kala Singhian Drain	PSIEC reported that it has plugged all the outlets. Compliance report in writing to be submitted.
(v)	Primary ETP standards of wastewater	PPCB reported that the action is under progress. Final compliance report to be submitted by PPCB.
(vi)	Outlet maintained near STP Peer Dad to discharge untreated sewage	MCJ reported that it has plugged the outlet.

3. Report regarding CETP for Electroplating

PPCB has been asked to examine whether all member units are supplying effluents to electroplating CETP at Ludhiana.

The Committee directed PPCB submit a detailed report in the matter giving details of action taken. PPCB shall also carry out environmental audit of CETP electroplating and submit report in this regard.

The Board was also directed to set up GPS based IT system for monitoring the quantity of effluent lifted and movement of tankers deployed for collecting the effluent.

Agenda No. 4.6 Review of monitoring of functioning of ETPs installed by industries

1. Field Visit of NGT Committee to Jalandhar on 08.05.2019

The progress on the recommendations made by NGT Monitoring Committee

during field visit to Jalandhar on 08.05.2019 was reviewed as under:

Sno.	Recommendation	Observations and further directions
(i)	Environmental Compensation on M/s Doaba Cooperative Milk Producer	PPCB was directed to finalize action in the matter and submit report in writing.
(ii)	Verification of actual discharge of electroplating effluents of M/s Victor Forging and M/s Vishal Tools	PPCB was directed to finalize the action in the matter and submit compliance report in writing.
(iii)	Cancellation of the consent of M/s Proxima Steel and M/s Tulbro Forging, FP Jalandhar	PPCB reported the consent of M/s Proxima Steel and Tulbro Forging, Jalandhar has been revoked. PPCB was asked to submit the report in writing.

2. Inspection of ETPs by PPCB during the month of May 2019

The Committee noted the progress.

3. Action Taken by PPCB against non-compliant ETPs

The Committee directed PPCB to dispose of pending cases of non-compliant ETPs expeditiously by taking appropriate action including levy of environmental compensation. The Board may also examine delegation of powers to fast track disposal of cases against non-compliant units so that it may deter them from non-compliance.

4. Installation of OCEMS by Industries

The Committee directed PPCB that all the industries having discharge more than 50 KLD are required to install Online Continuous Effluent Monitoring Systems (OCEMS) for their ETPs by 31.07.19 and concerned RO's shall pursue the matter diligently.

Agenda No. 4.7 Review of progress of Setting up of New / Up-gradation of STPs

The Committee noted the progress and directed that timelines have to be revised by some of the Departments in line with NGT directions to complete all the infrastructure works within 2 years from 31.03.2019 i.e. by 31.03.2019. The Department of Local Government was asked to explore low cost option of treatment being finalized by Department of Rural Development for some of the smaller towns.

Agenda No. 4.8 Review of Progress of Setting up of new/ upgrading of CETPs in catchment area

1. The current status was reviewed and the Chairman, PPCB was asked to ensure that CETPs become operational as per the timelines given in the Action Plan. 15 MLD plant at Bahadur Ke road must be made operational by 30th June 2019 failing which the Board must take action.
2. The Committee again directed PPCB to put in place a legally binding system for successful operation and management of the proposed CETPs. This issue has been pending since long time and PPCB to expedite the action in this regard.
3. The Committee directed PPCB that vetting of DPR by CLRI for up-gradation of CETP for Leather Complex be expedited.
4. PPCB to look into the reasons for stopping of work of 150 kld CETP for electroplating units at Jalandhar. The progress in this regard be reviewed in the next meeting of the Committee.
5. PPCB to take initiative for convening the meeting of the Committee constituted by Department of Industries for setting up of CETPs in the Industrial Focal Points developed by PSIEC. The Committee directed that recommendations shall be made within 15 days.
6. MCL reported that an industrial plot of 2-2.5 acres of Department of Industries is available in Industrial Area-A, Ludhiana. The Committee directed PPCB to explore the feasibility for setting up of CETP for the textile dyeing units located in Industrial Area-A.

Agenda No. 4.9 Review of Progress of setting up of ETPs/ Biogas Plants for Dairy and Misc. Waste

The Committee directed MCL to finalize the option of shifting the Dairies or setting up of ETP for Dairy Complex at the earliest and present the same in the next meeting.

Agenda No 4.10 Reconciliation of Wastewater & Industrial Effluents for city of Ludhiana

1. MCL reported that 90% work of mapping of all the textile dyeing industries, their sewerage network, conveyance system of the proposed CETPs and major and minor outlets directly discharging into Budha Nallah has been completed. MCL further requested PPCB to depute their officer to verify the data/information being uploaded on GIS.
2. The Committee directed PPCB to depute a nodal officer and also get the relevant information verified by the respective SPVs of proposed CETPs.
3. The Committee directed MCL to complete the entire exercise by 1st week of July, 2019 so that the comprehensive plan to address the problem of pollution of Budha Nallah be finalized.

Agenda No. 4.11 Review of progress of release of Fresh Water in Budha Nallah & Holy Bein

The Department of Water Resource reported that tender for Holy Bein has already been floated. The Committee directed the Department to finalize the proposal for release of 200 cusec of water into Budha Nallah through Nilon Drain and submit the same to the Government for funding.

Agenda No. 4.12 Review of Re-use of Treated Wastewater for Irrigation and other purposes

The Department of Soil and Water Conservation Reported that the work to check the feasibility for using the treated sewage of STP Jamalpur, Bhattian & Balloke for irrigation has been initiated and is likely to be completed within 3 months. The matter regarding revival of lower Budha Nallah will be discussed in the next meeting.

Agenda No. 4.13 Review of action taken to prevent dumping of Solid Waste into Budha Nallah

The Municipal Corporation, Ludhiana reported that it has converted 500 meter stretch of Budha Nallah into model stretch by installing CCTV Cameras. The patrolling teams have been deputed to prevent the dumping of solid waste into Budha Nallah.

Agenda No. 4.14 Review of Progress for Setting up of Treatment Facilities in Villages

The Department of Rural Development & Panchayats reported that preparation of DPR for 167 villages to be taken up in Phase-I have been completed. A budget of Rs. 50.00 crores sanctioned by GoP is yet to be released. The work in 28 villages falling in the catchment area of river Ghaggar is likely to be completed by 31.08.19.

Agenda No.4.15 Review of Shifting of Small / Medium scale scattered dyeing units

The progress with regards to shifting of 45 small & medium scale scattered dyeing units (total discharge about 10 MLD) located in non-designated areas be reviewed after mapping of all the industries on GIS by MCL and PPCB.

Agenda No.4.16 Review of Progress of installation of OCEMS & CCTVs for STPs

PWSSB reported that OCEMS in 48 STPs are likely to be commissioned by 30.11.19 as per the timelines given in the Action Plan. MCL reported that OCEMS in 5 STPs are likely to be commissioned by 14.10.19. DWSS reported that OCEMS in 3 STPs of Muktsar Sahib and 1 STP at Anandpur Sahib are to be commissioned by 15.09.19 & 31.12.19, respectively.

Agenda No.4.17 Review of the progress regarding organization of Health Check-up Camps

The Committee desired that the Department of Health & Family Welfare shall coordinate with PGI, Chandigarh for carrying out the Epidemiological studies in the catchment area of rivers.

Agenda No.4.18 Review of Public Awareness Programs regarding cleaning of the rivers

The Committee directed all the departments to organize the capacity building & awareness activities regarding cleaning of the rivers in the State.

Agenda No.4.19 Direct discharge from Various Outlets into Drains

The progress in this regard has already been discussed at Agenda No.4.4 (3).

Agenda No.4.20 Violation by Industries

The Board was directed to ensure zero tolerance and take strict action against the defaulting industrial units. All ROs shall ensure that there are no unauthorized pipelines for discharging the effluents in the ground or other nearby source. In case the committee during the inspection finds any such practice, the concerned RO shall be held accountable and action taken against him.

Agenda No. 4.21 Solid Waste

The Board was asked to expedite GIS mapping of 150 most vulnerable points of waste collection along important highways and other places. The same will be reviewed in the meeting of the Committee on waste management.