

Minutes of the 10th meeting of Monitoring Committee, constituted by Hon'ble National Green Tribunal in OA No 916 of 2018 and 606 of 2018, held on 13.08.2020 at 10:00 am (through video conferencing), under the Chairmanship of Justice Jasbir Singh, former Judge, Punjab & Haryana High Court and now as Chairman of the Monitoring Committee, to review the progress on implementation of action plan for clean rivers Sutlej and Beas

10.1 Leave of absence

1) Members of the Monitoring Committee

Sr. No.	Name and Designation in the Deptt.	Name & Designation in the Committee
1.	Justice Jasbir Singh, Former Judge, Punjab and Haryana High Court	Chairman
2.	Sh. S.C. Agrawal, IAS, Former Chief Secretary, Punjab	Senior Member
3	Sant Balbir Singh Seechewal	Member
3.	Dr. Babu Ram, Former Member Secretary, PPCB	Technical Expert

2) The list of the other officers, present in the meeting, is as per Annexure-1

The Chairman of the Monitoring Committee informed the officers, present in the meeting, about the orders of Hon'ble National Green Tribunal made in various cases connected to the matter, which are briefly mentioned as under:

- 1) The Hon'ble National Green Tribunal vide order dated 10.01.2020 in OA No.606 of 2018 in the matter of compliance of Solid Waste Management Rules, 2016 in Para No.36 has directed that most of the statutory timelines have expired and directions of Hon'ble Supreme Court and the Tribunal to comply Solid Waste Management rules, 2016 remain unexecuted and accordingly, compensation scale is laid down for continued failure after 31.03.2020. The compliance of the rules requires taking of several steps mentioned in Rule 22 (S. No.1 to 10). Any such continued failure will result into liability of every Local Body to pay compensation at the rate of Rs. 10 lakh per month per Local Body for population of above 10 lakh, Rs. 5 Lakh per month per Local Body for population between 5 lakh and 10 lakh and Rs. 1 lakh per other Local Bodies from 1.04.2020 till compliance. If the Local Body is unable to bear financial burden, the liability will of the State Govt. with liberty to take remedial action against erring Local bodies. Apart from compensation, adverse entries must be made in the ACRs of the CEO of the said Local Bodies and other senior functionaries in Department of Urban Development etc. who are responsible for compliance of order of this Tribunal. The Hon'ble Tribunal has also directed in Para No 31 (ii) that the date of commencement of setting up of STPs is 31.3.2020, failing which compensation amounting to Rs 5 lakh/month/STP by the concerned local bodies/States in terms of order dated 28.8.2019 in OA No. 593/2017 and 6.12.2019 in OA No. 673/2018 w.e.f 1.4.2020 shall be imposed.
- 2) The Hon'ble Tribunal in its order dated 6.12.2019 in OA No. 673 of 2018 (mentioned in order dated 6.12.2019 uploaded on 12.12.2019 in OA No. 916 of 2018) had issued direction that 100% treatment of sewage may be ensured as directed by the Tribunal vide order dated 28.08.2019 in O.A No. 593/2017 by 31.03.2020 at least to the extent

Beas

of in-situ remediation and before the said date, commencement of setting up of STPs and the work of connecting all the drains and other sources of generation of sewage to the STPs must be ensured. If this is not done, the local bodies and the concerned departments of States/UT's will be liable to pay compensation as directed vide order dated 22.08.2019 in case of river Ganga i.e. Rs. 5 lakh per month per drain for default in in-situ remediation and Rs. 5 lakh per STP for default in commencement of setting up of the STP. The timeline for completing all steps of action plans including completion of setting up STPs and their commissioning till 31.03.2021 in terms of order dated 08.04.2019 in the present case will remain as already directed.

3) It was further informed that the Hon'ble Tribunal vide its order dated 21.05.2020 in OA No. 593 of 2017 at Para 8 [47(i) & ii]] has directed as under:

- i) 100% treatment of sewage may be ensured as directed by this Tribunal vide order dated 28.08.2019 in O.A. No. 593/2017 by 31.03.2020 at least to the extent of in-situ remediation and before the said date, commencement of setting up of STPs and the work of connecting all the drains and other sources of generation of sewage to the STPs must be ensured. If this is not done, the local bodies and the concerned departments of the States/UTs will be liable to pay compensation as already directed vide order dated 22.08.2019 in the case of river Ganga i.e. Rs. 5 lakhs per month per drain, for default in in-situ remediation and Rs. 5 lakhs per STP for default in commencement of setting up of the STP
- ii) Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning till 31.03.2021 in terms of order dated 08.04.2019 in the present case will remain as already directed. In default, compensation will be liable to be paid at the scale laid down in the order of this Tribunal dated 22.08.2019 in the case of river Ganga i.e. Rs. 10 lakhs per month per STP.

Further, in para 13 of order dated 21.05.2020 in OA No. 593 of 2017 has directed that as regards non-compliant STPs, further action may be completed by the State PCBs/PCCs and it may be ensured that there is 100% treatment of sewage and till STPs are set up, at least in-situ remediation takes place. However, on account of Corona pandemic which has affected several on-going activities, the timeline of levy of compensation in terms of order dated 28.08.2019 in O.A. No. 593/2017 read with order dated 06.12.2019 in O.A. No. 673/2018, of 01.04.2020 may be read as 01.07.2020 and 01.04.2021 may be read as 01.07.2021. Further reports may be taken by the CPCB from all the State PCBs/PCCs as per the system evolved by the CPCB from time to time.

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4) The Hon'ble Tribunal vide its order dated 1.6.2020 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Oberoi vs Union of India & Ors, has directed in Para No.6 that harvesting surplus water during excessive rains from any areas of catchment needs to be optimized by enhancing the capacity of the existing ponds/water bodies, creation of water harvesting structures in the sub-watersheds to the extent possible, apart from setting up of additional water bodies/water harvesting structures wherever viable, utilizing available funds including under MGNREGA and involving the community at large

at every level. Gram Panchayats can certainly play a significant role in the matter. Once adequate capacity enhancement of water bodies takes place, excess flood/rain water can be channelized by using appropriate water harvesting techniques. This action needs to be coordinated by the District Magistrates in coordination with the Department of Irrigation and Flood Control or other concerned Departments such as Department of Rural Development/Urban Development/Local Bodies/Forests/Revenue etc. The District Magistrate may as far as possible hold a meeting of all the stakeholders for the purpose as per the District Environment Plan or Watershed Plan within one month from today. The District Magistrates may also ensure that as far as possible at least one pond/water body must be restored in every village, apart from creation of any new pond/water body.

Thereafter, the activity wise agenda of the meeting was taken up for discussion as under.

10.2 Confirmation of minutes of 9th meeting of the committee

It was observed that the minutes of 9th meeting of the Monitoring Committee held on 14.07.2020 were circulated to all the members and no comments/objections have been raised by any member, as such, the minutes of the 9th meeting were confirmed.

10.3 Review of Monitoring of water quality of rivers

1. Status of water quality of polluted river stretches

It was informed that water quality of river Beas at its 2 stretches is meeting with the water quality as class-B, as prescribed by CPCB. The Monitoring Committee appreciated the efforts made by the various departments to bring improvement in the water quality of river Beas.

Regarding water quality of river Sutlej (Ropar to Harike Bridge) and Ghaggar (Mubarikpur to Sardulgarh), which has been found varying between B to E and D to E respectively, the Monitoring Committee observed that water quality of river Sutlej can only be improved only after installation of all STPs in Ludhiana and Jalandhar area to treat 100% of sewage and upgradation of the existing STPs along with treatment of dairy waste of dairy complex existing along Budha Nallah and Kala Singhian drain. The Department of Local Government, Municipal Corporation Ludhiana and Jalandhar have to give more attention towards the completion of STPs timely along with installation of Biogas plants and effluent treatment plants for treatment of dairy waste of dairy complex at Tajpur Road, Haibowal, Ludhiana and Jamsheer Dairy Complex, Jalandhar.

The Chairman of the Monitoring Committee directed that next meeting shall be held solely for Ludhiana area, where monitoring of each activities regarding control of water pollution shall be discussed minutely. The meeting shall be held on 24.08.2020 at 11:00 am through video conference. The agenda of the meeting shall be issued separately.

2. Installation of Real Time Water Quality Monitoring Stations

It was informed by PPCB that 01 River Water Quality Monitoring Station has been installed, 1 is under installation and the remaining 9 shall be installed by 15.9.2020 and commissioned by 30.09.2020.

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The Monitoring Committee noted the progress in the matter.

3. Development of low cost sensor to monitor various parameters of river water by IIT, Ropar

It was apprised that PSCST has awarded the project for providing low cost sensor to monitor various parameters and the timeline for the completion of the project is 31.07.2020. During review of the meeting on 02.07.2020, it was observed that the sensors for measurement of pH, TDS, conductivity and DO have been developed, whereas, the system for the other parameters (BOD and COD) is under development and the same shall be developed within 3 months after opening of IIT Ropar, which is presently lying closed due to Covid-19 pandemic.

The Monitoring Committee noted the progress

4. Setting up of Integrated Dashboard for online Monitoring

The Monitoring Committee was informed that NIC has already set up 1 Dashboard for online monitoring at the office of PPCB and the Board has asked NIC to incorporate the additional features proposed in dashboard to be developed by PSCST. In case the additional features are incorporated in the present dashboard set up at PPCB office, the same shall be adopted, otherwise, PPCB shall adopt the integrated Dashboard system to be set up by PSCST.

The Monitoring Committee noted the progress.

10.4. Review of Monitoring of functioning of STPs in catchment area of rivers

1. Status of STPs monitoring

It was submitted that out of total 88 STPs installed by PWSSB (48), MES (10), MCJ (6), MCI (5), other ULBs (8), DWSSB (4), GMADA (3), PDA (1), BBMB (2) and PSIEC (1), 23 STPs [PWSSB:11, MES:2, MCJ:1, MCI:4, other ULBs:3, DWSS:1, and PSIEC:1] have been found non-compliant.

2. Reasons for non-compliance of STPs and timelines for compliance

With regard to removal of non-compliance, PWSSB claimed that 7 STPs are based on WSB Technology, Out of which, 4 shall be upgraded with Nano Bubble Technology under the guidance of IIT, Ropar. In order control of F.Coli parameters necessary arrangements shall be made within 2 months.

Regarding non-compliance of 1 STP of Municipal Corporation Jalandhar, it was informed that 1 existing STP of capacity 100 MLD is under upgradation for which tender has been called and work shall be allotted within 1 month and shall be commissioned within 1 year. With the upgradation of 100 MLD STP, all the prescribed parameters shall be within the norms.

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Nobody was present from MES authority and PPCB was asked to take up the matter with MES authorities for upgradation of 2 STPs in a time bound manner so as to improve their performance.

With regard to non-compliance of STPs of Ludhiana, the matter shall be taken up in the meeting to be held on 24.08.2020.

Regarding non achievement of standards by 3 STPs of ULBs and 1 STP of DWSS, PPCB shall take up the matter with these urban local bodies and Department of Water Supply and Sanitation to direct them to make upgradation in the system in the time bound manner to meet with the prescribed standards.

3. Action taken by PPCB against non-compliant STPs

It was submitted that PPCB has monitored STPs from April-2019 to July-2020 and action against the defaulting/non-compliant STPs has been taken.

The Chairman of the Monitoring Committee observed that there is need to develop Operational Manual for operation of STPs. It was informed that PWSSB has finalized the Manual for sewage treatment plants and the same was sent to Department of Environment for approval and the same is yet to be approved.

After detailed discussion, the Chairman of the Monitoring Committee directed as under:

- 1) Punjab pollution Control Board shall continue to make surprise inspection of STPs and action against the violating STPs may be taken accordingly under the provisions of the Water Act, 1974.**
- 2) PPCB shall constitute the committee consisting of officers of PPCB, PWSSB, DWSS, Department of Local Government, PSCS and other concerned department within 10 days and Operational Manual for STPs may be finalized and be submitted to Department of Environment, Punjab for approval.**

4. Installation of OCEMS and CCTV cameras

It was apprised that out of total 88 STPs, CCTV have been installed on 64 STPs and in case of 24 STPs, CCTV cameras are yet to be installed. Similarly, out of these 88 STPs, OCEMS have been installed on 33 STPs and in the case of 55 STPs, OCEMS shall be installed within 3 months.

It was informed by PWSSB in the meeting that there is a large variation in the analysis results of parameters shown by OCEMS as compared to manual analysis of the parameters by PPCB even in the best technology based STPs. Moreover, in sampler type OCEMS, there is manual intervention in most of times resulting in excess burden on STP operators. These issues are required to be looked into.

After detailed discussion on the issues, it was directed as under:

- 1) PWSSB and other departments shall deploy qualified persons with scientific knowledge for the operation of STPs.**
- 2) PPCB shall constitute committee consisting of officers of PWSSB, DWSS, Department of Local Government, PPCB and other concerned department**

and decide the location where probe of the OCEMS is to be inserted at the outlet of STP so that it may give the realistic results of treated sewage. The Committee shall also examine the technological issues of probe based and sampler based OCEMS and comment which one is the best technology and how the manual intervention in sampler based OCEMS can be minimized. The committee shall submit its report within one month

10.5 Review of monitoring of functioning of CETPs and ETPs in the catchment area

1. Status of CETP Monitoring

It was submitted as under:

- CETP of capacity 0.5 MLD for treatment of electroplating industries has been found compliant with respect to achievement of the standards.
- CETP for leather complex Jalandhar is non functional as the leather complex has been closed due to directions of the Hon'ble Punjab and Haryana High Court.
- CETP for leather complex Phillaur of capacity 0.035 MLD has been found compliant.
- CETP of capacity 15 MLD for Bahurdarke Road Dyeing Complex is under stabilization and shall be commissioned by 31.08.2020.
- Due to ineffective operation of CETP Malerkotla for electroplating industries of Malerkotla, these industries have been directed to join CETP at Focal Point Ludhiana. PPCB shall check the status of CETP at Malerkotla within 7 days.
- Notification for standards for primary effluent treatment plant has been issued and copy of the same shall be submitted to the Monitoring Committee within 10 days.
- Pilot study covering 25 electroplating industrial units of Ludhiana and adjoining areas for effective management and transportation of effluent to 0.5 MLD CETP has been started but there is quite variation in the discharge of effluent and consumption of water in the industries of same capacity. However, PPCB shall make efforts to device methodology to assess the discharge of the industries based on quantity of products.
- With regard to ineffective operation of STP Phillaur and stagnation of untreated effluent in the area, as complained by Sant Balbir Singh Seechewal, it was informed that site of STP of capacity 3 MLD was inspected by the officers of PPCB on 22.07.2020 and STP was found in operation. However, untreated effluent of Phillaur area was found stagnating due to breaking of Manhole before the STP and accordingly action under the provisions of the Water Act,1974 is under process.

After detailed discussion on the issue, the Chairman of the Monitoring Committee directed as under:

- i. In order to make the existing CETP for leather Complex Jalandhar operational, PPCB shall check the status of various components of CETP so that it may be put into operational conditions to achieve the parameters before the operation of leather tanning industries of leather complex

Jalandhar, in case these are allowed to be operated by Hon'ble Punjab and Haryana High Court.

- ii. PPCB shall take legal action under the provisions of the Water Act, 1974 against the operating agency of STP of capacity 3 MLD Phillaur for causing stagnation of untreated effluent in the area due to breaking of sewer line leading to STP.
- iii. PPCB shall submit its report on pilot study of 25 electroplating industries of Ludhiana with regard to generation of effluent viz-a viz quantity of products, transportation of effluent and its treatment at CETP site within 2 months.
- iv. PPCB shall ensure that electroplating industries of Malerkotla have joined CETP at focal point Ludhiana for treatment of effluent, in case CETP at Malerkotla is lying defunct and non-operational.

2 & 3. Status of ETPs monitoring and action taken by PPCB against non-compliant STPs

It was stated that out of total 509 ETPs located in the catchment area of river Sutlej, Beas and Ghaggar, 52 ETPs were monitored during July-2020, out of which 10 ETPs were found non compliant and action against these industries has been taken under the provisions of the Water Act, 1974.

Similarly, it has been mentioned that during the inspection of ETPs of the industries carried out by PPCB during April-2019 to July-2019, 221 ETPs were found non complaint and action against these non complaint industries have been taken in terms of imposing EC/Bank Guarantee, encashment of EC/BG and sealing/disconnection of electric connection of the industries.

After discussion on the issue, it was directed that PPCB shall continue to monitor ETPs of the industries as per the time schedule prescribed by PPCB/CPCB and action against the defaulting industries may be taken as per the provisions of the Water Act, 1974.

4. Installation of OCEMS in existing ETPs having discharge more than 50 KLD

It was reported that out of 120 ETPs, where OCEMS are to be installed, the systems have been installed in case of 103 ETPs, whereas, 13 are under procurement process. Out of 103 ETPs, OCEMS have been commissioned in 66 ETPs.

The Chairman of the Monitoring Committee directed that PPCB shall ensure that OCEMS at the outlets of ETPs are installed at such locations where these can give realistic results and these OCEMS should be placed in a covered box along with sealing by PPCB so as to avoid any tempering in the system.

10.6 Setting up of New/ upgradation/rehabilitation of STPs

1to 4 Current status of STPs, compliance of order dated 6.12.2019 in OA No 673 of 2018, in-situ remediation in drains, compliance of Monitoring Committee letter dated 4.8.2020 technologies.

It was informed the as under.

• Total STPs to be upgraded/ rehabilitated/ installed newly:	88
• No. of STPs to be upgraded:	13
• No. of STPs where land issues are to resolved:	10
• No. of STPs to be installed newly:	65
• No of STPs, where funds have been tied up:	85
• STPs which are at tendering stage:	62
• STPs which are under construction:	16

After detailed discussion, the Chairman of the Monitoring Committee directed as under:

- i) **The Chief Executive officer, PWSSB shall resolve the issue of land of 10 STPs within 02 months. For the arrangements of the funds for 03 STPs, the matter may be taken up at the appropriate level.**
- ii) **For providing in-situ bio remediation in the drains carrying untreated sewage and not connected to STPs, necessary directions may be issued by the Department of Local Government to the Municipal Councils to provide the same at the earliest.**
- iii) **All the concerned departments namely MCL (4 STPs), MCJ(3 STPs), PWSSB (71 STPs), DWSS(7 STPs), PSIEC(2 STPs) and MES(1 STP) shall ensure that all the STPs may be completed by 31.3.2021.**
- iv) **For upgradation of existing STPs and installation of new STPs for Ludhiana area, separate meeting on 24.8.2020 at 11:00 AM through video conferencing shall be held.**
- v) **The Department of Local Government shall provide necessary arrangements for treatment of fecal sludge and septage of 38 towns, where sewerage system does not exist.**
- vi) **Punjab Pollution Control Board shall share in-situ bio remediation technologies with the department of Local Government, Punjab Water Supply & Sewage Board and other MCs for installation of the same in the drains/nallahs carrying untreated sewage and not connected to STPs.**
- vii) **Punjab Pollution Control Board shall collect the effluent samples at the inlet and outlet of in-situ bio remediation technologies within 15 days.**

5&6 Commissioning of STPs by 31.3.2021 and revised timelines

It was apprised that as per the directions of the Hon'ble National Green Tribunal in OA no. 916 of 2018 and 673 of 2018, all the STPs are to be completed by 31.3.2021. However, as per the discussion held in 9th meeting of the State Apex Committee on

14.5.2020 under the chairmanship of Chief Secretary Punjab, revised timelines of new STPs have been submitted before Hon'ble National Green Tribunal on 16.7.2020 for seeking grant of extension in timelines. As per the revised timelines of new STPs, time schedule is motioned as under:

S.no.	No. of STP	Timelines
1	11	31.3.2021
2	25	31.3.2022
3	32	31.3.2023
4	20	31.12.2023

The Monitoring Committee noted the matter and directed that all the departments shall ensure that STPs shall be completed by 31.3.2021 till the matter is considered by the Hon'ble Tribunal.

10.7 Review of progress of setting up of new CETPs

1 to 5) 40 MLD CETP and 50 MLD CETP for Focal Point and Tajpur road & Rahon road dyeing industries clusters.

It was submitted that 70.2% and 63%, respectively, work has been completed in case of 40 MLD and 50 MLD CETPs and these CETPs shall be completed by 31.12.2020. The State Government has released its share of Rs 6 crore for 50 MLD CETP and Rs 4.2 crore for 40 MLD CETP. However, Central Government is yet to release its share.

After detailed discussion on the issue, the Chairman of the Monitoring Committee directed as under:

- **40 MLD CETP and 50 MLD MLD CETP for Focal Point and Tajpur Road dyeing industries clusters shall be commissioned by 31.12.2020.**
- **PPCB shall take up the matter with MOEF & CC, Government of India for release of its share for early installation of 40 MLD and 50 MLD CETPs.**

6. CETP of capacity 0.5 MLD for electroplating industries of Jalandhar

It was informed that the construction work of boundary wall of CETP was started but the same was stopped due to orders of status qua by the Hon'ble Punjab and Haryana High Court in CWP no. 1483 of 2020 filed by Welfare Society of Jalandhar. PPCB has prayed to Hon'ble Punjab and Haryana High Court to vacate the stay order by filing application in the Hon'ble Court on 19.02.2020. The next date before the Hon'ble Court is on 10.11.2020.

The Chairman of the Monitoring Committee directed that Punjab Pollution Control Board shall pursue the matter before Hon'ble Punjab and Haryana High Court to get vacate the stay order on next date of hearing.

7. Upgradation of 5 MLD CETP for leather tanning units of leather complex, Jalandhar.

It was apprised that the DPR for upgradation of 5 MLD CETP is pending with CLRI for vetting and financial plan is yet to be finalized by the SPV.

After detailed discussion on the issue, it was directed as under:

- i. Punjab Pollution Control Board shall take up the matter with CLRI for vetting of DPR and SPV to make financial arrangements for upgradation of CETP.
- ii. The vetting of CETP may be done by CLRI within 02 months and financial plan may also be prepared within 02 months and timelines for upgradation of CETP may be fixed accordingly.
- iii. PPCB shall depute an officer to keep watch on each activity w.r.t upgradation of 5 MLD CETP for its upgradation.

10.8 Progress of setting up of ETPs/Biogas plants for diary waste

1. **Setting up of Biogas plant at Tajpur road and upgradation of existing biogas plant at Haibowal to Bio CNG plant.**

It was decided that said issue relating to Ludhiana area shall be discussed on 24.8.2020.

2. **Setting up of the biogas plant and effluent treatment plant for Jamsher dairy complex.**

It was submitted as under:

- i) MCJ reported that the tendering process for setting up of 1 MW biogas plant for Jamsher Dairy complex has been completed and designing of project is under progress. The project would be completed by 30.11.2023.
- ii) With regard to setting up of 5 MLD ETP at Jamsher Dairy, MCJ reported that the draft is being finalized. The ETP would be completed and commissioned by 30.8.2022.

After detailed discussion, it was directed as under:

- i) **The Municipal Corporation, Jalandhar shall install 01 MW biogas plant for Jamsher Dairy complex by 31.3.2021.**
- ii) **Effluent Treatment Plant for treatment of diary effluent of Jamsher Dairy complex shall be completed by 31.3.2021.**

3. **Setting of ETPs at Tajpur road and Haibowal dairy complex, Ludhiana**

It was decided that the issue shall be discussed in the meeting for Ludhiana to be held on 24.8.2020.

10.9 Review of progress of Action Plan for rejuvenation of ponds and reuse of treated wastewater of STP.

The Monitoring Committee was informed as under:

- i) The Action Plan for rejuvenation of pond of Punjab was prepared and submitted to CPCB on 31.3.2020 in compliance of Hon'ble National Green Tribunal order dated 25.2.2020 in

OA no. 325 of 2015 in the matter of Lt. Col. Sarvadhman Singh Oberoi Vs Union of India.

- ii) Revised Action Plan for reuse of treated wastewater of STPs has been prepared and submitted to CPCB on 30.6.2020 in compliance of Hon'ble National Green Tribunal order dated 21.5.2020 in OA no. 593 of 2017.
- iii) Department of Rural Development and Panchayat has identified 167 villages in Phase-1 for providing treatment facilities in the catchment area of river.
- iv) STPs in 30 villages, based on Seechewal/Haripur model, have been completed and the work in the remaining villages of phase-1 shall be completed by 30.9.2020.

After detailed discussion on the issue, the Chairman of the Monitoring Committee directed as under:

- i) **The Department of Rural Development & Panchayats shall start rejuvenating at least 01 existing pond/water body in each village and shall also construct new pond/water body and rain water harvesting structure to harvest surplus water during excessive rain in compliance to order dated 1.6.2020 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Oberoi vs Union of India &Ors.**
- ii) **The Department of Soil & Water Conservation shall lay irrigation network to utilize the treated sewage of the STPs for irrigation simultaneously along with the construction of new STPs so that irrigation schemes may also be implemented simultaneously with the commissioning of the STPs.**
- iii) **The Department of Rural Development & Panchayats shall construct treatment facilities for the remaining 137 villages of Phase-1 by 30.9.2020.**

10.10 Action Plan for cleaning Holy Bein.

It was informed as under:

In compliance to order dated 6.12.2019 in OA No.673 of 2018, Separate Action Plan for clean Holy Bein, a major tributary of river Beas, whose stretch from Sultanpur Lodhi to Harike has been declared as Priority-4 river stretch, has been submitted to CPCB after getting approved from RRC on 1.7.2020.

The Chairman of the Monitoring Committee directed that copy of Action Plan for Clean Holy Bein may be supplied to the Monitoring Committee and action points mentioned in the Action Plan may be discussed in the next meeting of the Monitoring Committee.

10.11 Release of 200 cusec water into Budha Nallah

It was submitted that that DPR for release of 200 cusec water into Budha Nallah is under progress and funds for the projects have been tied up. Administrative sanction for release of 200 cusec water has been given and the project shall be completed by 30.4.2021.

The Chairman of the Monitoring Committee directed that the Department of Water Resources shall ensure that the project for release of 200 cusec water into Budha Nallah should be completed by 30.4.2021.

10.12 Maintaining minimum Environmental Flow in river

The Department of Water Resources informed that 15% of the average lean flow is being maintained in river Sutlej and Beas. However, there is no regulation point in river Ghaggar, being a non-perennial river.

CPCB officer informed that there is need to take up the issue of septage management and faecal sludge treatment as septage and faecal sludge are generated in the town/villages, where sewerage system has not been laid so far. Besides, IEC activities to be carried out to make the public aware about the cleaning of river may be also included in the agenda.

After detailed discussion on the issue, the Chairman of the Monitoring Committee directed as under: -

- i) The Department of Water Resources shall ensure that minimum water flow may be maintained in river Sutlej & Beas for the sustainability of the aquatic life and eco system at the downstream.**
- ii) Septage and faecal sludge management, IEC activities and Water Shed Management may be included in the agenda of the next meetings.**

10.13 Additional decisions taken by the Committee in 9th Meeting.

The additional points discussed in the meeting held on 14.2.2020 are as under.

- a) Analysis of sludge of STPs located in the industrial towns and report be submitted in the next meeting.**

Punjab Pollution Control Board informed that sludge of the 32 STPs was analyzed, out of which metal contents in sludge of 9 STPs was observed.

After discussion on the issue, the Chairman of the Monitoring Committee directed that Punjab Pollution Control Board shall increase its surveillance/surprise inspection of electroplating industries of those areas where metal contents has been observed in the sludge and action under the provisions of the Water Act, 1974 may be taken against the defaulting industries.

- b) Plantation along Budha Nallah on its both sides by Municipal Corporation, Ludhiana (within MC Limits) and Department of Rural Development & Panchayats (outside MC limits).**

It was informed that Municipal Corporation Ludhiana has planted trees along Budha Nallah within the MC limits and shall provide more plants within next 3 months.

After discussion on the issue, the Chairman of the Monitoring Committee directed that Municipal Corporation Ludhiana shall make enough plantation along Budha Nallah (within Municipal Corporation

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limits) and Department of Rural Development & Panchayats (beyond MC limits) on its both sides within 3 months.

sd/
Dr. Babu Ram

sd/
Sant Balbir Singh Seechewal

sd/
S.C. Agrawal

Sd/
Justice Jasbir Singh,
Former judge Punjab and Haryana
High Court and as Chairman of the
Monitoring Committee

Note: The members of the Monitoring Committee have given their concurrence on the minutes of the meeting.

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