

Minutes of 17th meeting with the officers of State of Punjab held under the Chairmanship of Justice Pritam Pal, Former Judge of Punjab and Haryana High Court and now as Chairman of the Executing Committee (constituted by Hon'ble NGT in OA No. 138/139 of 2016 in the matter of Stench Grips Mansa's Sacred Ghaggar River and Yogendera Kumar w.r.t. control of pollution in river Ghaggar in Punjab Area on 19.6.2020 at 11:00 A.M (through video conferencing).

The following were present during meeting:

a) **Members of the Executing Committee**

Sr. No.	Name and Designation in the Deptt.	Name & Designation in the Committee
1.	Justice Pritam Pal, Former Judge, Punjab and Haryana High Court	Chairman
2.	Ms. Urvashi Gulati, IAS, former Chief Secretary, Haryana	Member
3.	Sh.J.Chandra Babu, Additional Director, Central pollution Control Board, New Delhi.	Member
4.	Dr.Babu Ram, former Member Secretary, PPCB	Technical Expert

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

The Chairman of the Executing Committee informed that the Hon'ble National Green Tribunal, in various cases connected to the matter, has passed the detailed orders, which are briefly mentioned as under:

- 1) 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 National Green 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 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) 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, the Hon'ble Tribunal 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.

- 4) The Chairman of the Executive Committee also apprised about 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, wherein, the Hon'ble Tribunal 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.

- 5) The Hon'ble National Green Tribunal in OA No 138 of 2016 and 139 of 2016 in the matter of Stench Grips Mansa's Sacred Ghaggar River and Yogendera Kumar has considered the 5th report of the Executing Committee on 15.5.2020 and passed the detailed order, the concluding Para No.15 of the said order is reproduced as under:

In view of the above, we direct that the directions already issued by this Tribunal in O.A. No. 673/2018, 606/2018, 148/2016, O.A.No. 325/2015 and 593/2017 and the recommendations of the Committee may be complied with. The Compliance Status may be verified by the Executing Committee and the next report may be furnished by 30.09.2020 by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF. Simultaneously copy of the report be furnished to the Chief Secretaries/ PCBs and PCCs of the States of Punjab, Haryana, Himachal Pradesh and UT Chandigarh who may give their response within two weeks thereafter.

The case has been listed for further consideration on 28.10.2020.

Thus, it has become imperative that the directions of the Hon'ble Tribunal are complied with by all the concerned departments in toto.

Thereafter, agenda of the meeting was taken up for discussion as under:

- 1) Comparison of water quality of River Ghaggar during the period December, 2019 to February, 2020 and March, 2020 to May, 2020.**

The Executing Committee was apprised that PPCB has carried out water quality monitoring of river Ghaggar during the month Dec, 2019 to Feb, 2020 and March, 2020 to May, 2020 from the 14 locations and the data indicate that no improvement w.r.t BOD, DO and T.Coli parameters has been observed. However, some improvement w.r.t these parameters has been observed in river Ghaggar water at the locations: Rattanheri, before and after mixing Sagar Para drain with river Ghaggar, Khanouri, Moonak and Sardulgarh.

The Executing Committee observed that in part of month of March, 2020 to April, 2020 there was complete lockdown in the State of Punjab, Haryana and Himachal Pradesh and all the activities relating to commercial and industrial were closed down but even then no improvement w.r.t water quality in river Ghaggar has been observed. It indicates that either the untreated sewage discharge through drains are directly falling into river Ghaggar or STPs of the State of Punjab were not functioning properly.

Therefore, the Chairman of the Executing Committee directed as under:

- i) **The water quality of river Ghaggar at its entry into the Territory of State of Punjab, at its exit from the Territory of Punjab may be monitored.**
- ii) **Water Quality of river Ghaggar may be monitored at the upstream, downstream and point source carrying treated/untreated sewage into river Ghaggar.**
- iii) **Water Quality data of above points may be submitted to Executing Committee by 15.07.2020.**
- iv) **Punjab Water Supply and Sewerage Board and other Government agencies responsible for operation and maintenance of STPs, located in the catchment area of river Ghaggar, shall ensure that STPs are always in operation and meet with the prescribed standards at all the times.**
- v) **PWSSB shall ensure that OCEMS on all the STPs located in the catchment area of river Ghaggar have been installed and PPCB shall collect the online monitoring data from OCEMS of these STPs and the same may be submitted to the Executing Committee within 3 weeks.**

2) Performance of existing Sewage treatment plants.

It was submitted that 13 primary and 29 secondary drains have been identified which contribute sewage/sullage into river Ghaggar. In order to treat the sewage of 30 towns, 46 STPs are required to be installed, out of which 21 STPs are in operation. The total wastewater generation from these 30 towns is 238.76 MLD, out of which 170.16 MLD sewage is treated in the existing 21 STPs. There is further proposal to construct additional STPs is 93.95 MLD. There is a gap of 68.6 MLD of sewage which has been covered under the proposed STPs to be installed for the towns located in the catchment area of river Ghaggar.

Punjab Pollution Control Board has carried out the performance of these 21 STPs in the month of Jan, 2020 to May, 2020 and as per the analysis results 16-18 STPs have been found complying with the standards and 3-5 STPs are not complying with the prescribed standards. The performance of these STPs has been carried out w.r.t parameters pH, BOD, TSS and F.Coli parameter.

After detailed discussion on the issue, it was directed by the Chairman of the Executing Committee that Punjab Water Supply Sewerage Board or other Govt agencies responsible for Operation of STPs shall ensure that adequate dosing of disinfectant is added at the final Collection tank of STP so that the treated sewage at the outlets of STPs always meet with the prescribed standards of F.Coli parameter. The other parameters like BOD and TSS can be brought within the prescribed norms by operating Sewage treatment plants effectively and efficiently.

3. Status of STPs under construction.

It was submitted that 8 STPs of capacity 25.5 MLD are under construction and these STPs have been completed with progress of completion as 12-48%. The Chairman of the Monitoring Committee observed that the progress made w.r.t construction of STPs is slow and as per the timelines fixed by Hon'ble National Green Tribunal, the commissioning date of STPs has been mentioned in 31.03.2021 and with this slow progress, it may not be possible to commission these STPs by 31.03.2021. Therefore, the Department of Local Government and PWSSB have to make extra efforts to ensure the completion of these STPs by 31.03.2021.

It was also reported that for 6 MLD capacity STP to be installed by MES authority at Patiala, work has been allotted and it is likely to be completed by 31.03.2021. Similarly, 1 MLD STP at Nabha, to be set up by MES authorities, tender process is to be completed by 30.09.2020 and it is likely to be completed by 30.09.2021. The Executing Committee was of the view that the construction work of these STP should be accelerated to ensure that these are commissioned by 31.03.2021.

The Chairman of the Executing committee directed that PWSSB or any other Govt agency, responsible for construction of new STPs, shall commission these STPs by 31.03.2021.

4. Status of STPs under planning and funds tied up.

The Executing Committee was apprised that 12 STPs of capacity 33.85 MLD for 9 towns are under planning and these are at tendering stage and the likely date of commissioning of these STPs has been mentioned between 31.12.2021 to 30.09.2022. The Executing Committee was of the view that the STPs, which are under planning and are at tendering stage, possibly cannot be completed by 31.03.2021 and the Executing agencies have to make extra ordinary efforts to complete and commission these STPs by 31.03.2021.

It was also submitted that in case of 5 towns, where STPs of capacity 21.7 MLD have been proposed to be installed, land issues are to be resolved. The Executing Committee was of the view that the matter regarding land issues may be discussed with the concerned Deputy Commissioner of the District and these land issues may be resolved immediately so that STPs may be constructed timely.

The Chairman of the Executing Committee directed as under:

- i. **New 12 STPs of capacity 33.85 MLD for 9 towns may be completed by 31.03.2021.**
- ii. **PWSSB shall take up the matter with Deputy Commissioner of concerned District where the land issues are to be resolved for setting up of STP and shall ensure that these STPs are constructed and commissioned by 31.03.2021.**

5. Status of STPs which require technologically up gradation and funds tied up/yet to be tied up.

It was informed that there is need to upgrade 3 STPs of towns Bareta: 3 MLD, Bhikhi: 3 MLD and Sardulgarh: 4 MLD as these STPs are based on WSP Technology, which is old one. Therefore, in order to upgrade these STPs, presently desilting of ponds has been carried out and dosing of disinfectant has been started into these STPs to bring down the

F.Coli parameter within the norms. However, for up gradation of these STPs, there is proposal to install Nano bubble technology to enhance the treatment efficiency of the STPs. If need, solar energy based aerators shall also be installed to supply air in STP system to enhance the Oxygen level in the STP to increase the degradation efficiency to bring down the parameters within the norms.

The Chairman of The Executing Committee directed as under:

- i. **Nanobubble Technology followed by solar energy based aerators shall be commissioned in 3 STPs namely Baretta, Bhikhi and Sardulgarh by 30.07.2020.**
 - ii. **Punjab Pollution Control Board shall carry out the performance of these STPs by 15.08.2020 and submit the analysis results to PWSSB and the Executing Committee.**
 1. iii. **In case after the installation of Nanobubble technology followed by solar energy based aerators, the treatment efficiency of the STP is not enhanced to the level to bring down all the parameters within the norms, PWSSB shall upgrade these STPs with appropriate technology accordingly.**
- 6. Gaps in treatment of sewage of the towns located on river Ghaggar and their coverage under STPs which are under planning and funds tied up.**

The Executing Committee was apprised that the 30 towns generate sewage 238.76 MLD and presently, the existing capacity of STPs is 231.4 MLD and the proposed capacity of STPs is 93.95 MLD and there is gap of 68.6 MLD of sewage to be treated.

It was observed by the Executing Committee as per the data submitted by PWSSB while preparing the 5th report of the Executing Committee, PWSSB reported that the total sewage generation is 261.32 MLD and the present capacity of STPs is 231.7 MLD and there is a gap of 68.6 MLD sewage to be treated. Therefore, there is need to reconcile the data in the presence of PPCB.

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

- i. **PWSSB and PPCB shall jointly reconcile the data w.r.t total sewage generation from the towns located in the catchment area of river Ghaggar, existing capacity of STPs, proposed capacity of STPs to be installed and no gap in sewage quantity to be treated.**
- ii. **PWSSB shall ensure that whole of the gap in sewage quantity to be treated should be considered in the STPs which are under planning and these should be completed and commissioned by 31.3.2021.**

7. In-situ remediation technology to be provided in the drains carrying untreated sewage and not connected to STPs

It was submitted as under:

- As in-situ remediation in Sirhind Choe, PWSSB is constructing pond system followed by constructed wetland to treat 0.5 MLD sewage of Nagar Panchayat Bhadson which shall be completed by 30.06.2020.

- Nano bubble technology, as in-situ remediation system, is under construction in Bhulana drain leading to river Ghaggar. The said technology shall be completed by 15.07.2020.
- Construction work of in-situ remediation technology based on pond system to treat 0.216 m³/day wastewater at village Bijanpur, District Sangrur has been commissioned.

After detailed discussion on the issue, it was directed by the Chairman of the Executing Committee as under:

- Pilot plants based on ponds system followed by constructed wetland, Nanobubble technology and solar energy based aeration system to enhance the oxygen level in pond and treatment efficiency of STPs, being set up at various locations, shall be installed and commissioned by 15.07.2020.
- On successful commissioning of these in-situ remediation plants, the same shall be replicated by PPCB in the drains/nallahs carrying untreated sewage and falling into river Ghaggar.

8. Status of irrigation schemes to utilize the treated sewage of STPs for irrigation.

It was submitted as under:

- Irrigation schemes for 9 towns, having command area 1283 hectares, have been commissioned.
- Irrigation schemes for the towns Khanouri: 3 MLD and Rajpura: 7 MLD having command area of 110 hectares and 140 hectares, respectively, are under construction and the same shall be commissioned by 30.06.2020 and 31.12.2020, respectively.
- In case of 4 towns [Mandi Gobindgarh: 25 MLD, Patiala: 10 MLD, Dhuri: 5 MLD and Sangrur: 11 MLD], irrigation schemes are under planning and the funds have been tied up and the work shall be started soon after the release of funds by State Government.

After detailed deliberation, the Chairman of the Executing Committee directed as under:

- Irrigation schemes for 2 towns [Khanouri: 3 MLD and Rajpura: 7 MLD having command area of 110 hectares and 140 hectares], which are under construction, may be commissioned by 31.03.2021.
- The Department of Soil and Water Conservation shall take up the matter with Department of Finance for early release of funds for the irrigation schemes to be constructed for 4 towns [Mandi Gobindgarh: 25 MLD, Patiala: 10 MLD, Dhuri: 5 MLD and Sangrur: 11 MLD]. These irrigation schemes may be completed by 31.03.2021.
- The Department of Soil and Water Conservation shall take up the matter with Department of Finance to make provisions of funds for installation of irrigation schemes to utilize treated sewage of 24 STPs in 20 towns having total sewage discharge of 132.7 MLD and the funds may be got released from finance department so that irrigation schemes for these 24 STPs in 20 towns may be completed by 31.03.2021 i.e. simultaneously along with the commissioning of the 24 STPs.

9. Status of installation of STPs for the villages.

It was apprised that out of total 389 villages identified for discharging their sewage /sullage into river Ghaggar, 87 villages have been covered in phase-1 for installation of

STPs. Presently, out of these 87 villages, treatment system has been constructed for treatment of sewage of 24 villages. The construction work of STPs in 17 villages is under progress and the same shall be commissioned by 30.09.2020.

It was directed by the Executing Committee as under:

- i. STPs for 17 villages, which are under construction, shall be completed by 30.09.2020
- ii. STPs for the remaining 46 villages, which have been covered under phase-1, shall be completed by 30.09.2020.
- iii. STPs for 152 villages, which have been covered in Phase-II, shall be installed by 31.12.2020.
- iv. STPs for the 150 villages, covered in phase-III, shall be installed by 31.03.2021.

10. Inspection of industries/ STPs by PPCB and DLSTFs in the month of March, 2020 to May 2020 and action against the defaulters.

The Executing Committee was apprised that in the month of March, 2020 and May, 2020, 6 and 8 industries, respectively, have been inspected by PPCB and all these industries have been found compliant w.r.t effluent discharge norm. However, no industry has been inspected by DLSTF. While having discussion on the issue, it was pointed out by the Chairman of the Executing Committee that the number of inspection made by PPCB in the month of March, 2020 and May, 2020 is less and there is need to inspect more industries to ensure the operation of their ETPs effectively and efficiently.

After detailed discussion, it was directed by the Chairman of the Executing Committee as under:

- i. PPCB shall inspect the industries to monitor their effluent treatment plants as per the frequency of inspection fixed by Hon'ble NGT.
- ii. Besides, the inspection of the industries as per the frequency fixed by Hon'ble NGT, surprise inspection of the industries may also be carried out to ensure that their ETPs remain in operation in odd hours also.
- iii. While inspecting the industries either on the frequency-based inspection or surprise inspection, the readings of OCEMS, installed by the industries, may also be checked to cross check the online as well as manual data.
- iv. PPCB shall make connectivity of OCEMS installed by the industries with their server and its link may be given to CPCB by 30.09.2020.
- v. PPCB shall make arrangements to cover the OCEMS of the industries with suitable cover and it may be sealed by PPCB so as to avoid any tampering in the system.

11. Ground Water quality of ground water sources located in the catchment area of river Ghaggar.

It was reported that Ground Water sampling at 11 locations was carried out in the month of January, 2020 and thereafter, no ground water sampling has been carried out.

The Chairman of the Executing Committee directed that PPCB shall carry out ground water sampling of ground water sources located in the catchment

area of river Ghaggar before 25.06.2020 and the analysis results shall be conveyed to the Executing Committee.

12. Removal of solid waste from river Ghaggar and drains falling into it.

The Executing Committee was informed that solid waste from river Ghaggar falling in the jurisdiction of Mohali, Patiala, Sangrur and Mansa has been removed and no solid waste is lying dumped along river Ghaggar in these areas.

It was directed by the Chairman of the Executing Committee that joint team of PPCB, Department of Rural Development & Panchayat, Department of Drainage and PWSSB shall inspect the different stretches of river Ghaggar and ensure that no solid waste is lying dumped in river Ghaggar as well as on its both sides. The said inspection may be carried out before 15.07.2020.

13. Septage and Faecal Sludge management.

It was submitted that in order to manage septage and faecal sludge, PPCB has proposal to prepare a document with legal framework mentioning the duties and responsibilities of the concerned departments and registration of the vehicles to be deployed for collection and transportation of septage and faecal sludge.

After detailed deliberation, it was directed as under.

- **PPCB shall prepare document on Management of Septage and Faecal sludge with legal frame work within 15 days and after the approval of the said document by the department of Science, Technology and Environment, the same shall be circulated to Department of Local Govt., Department of Transport, Department of Rural Development and Panchayat and other concerned departments for their comments and suggestions and the said document shall be made ready by 31.10.2020.**
- **PPCB and PWSSB shall jointly study the capacity and technology of STPs located in the catchment area of River Ghaggar and shall submit the report to the Executing Committee within 30 days.**
- **The work on management of septage and faecal sludge may be started by 1.11.2020**

14. Environmental flow.

PPCB submitted that since river Ghaggar is non perennial, as such, no environmental flow can be maintained in the river.

The Chairman of the Executive Committee directed that the department of Water Resource shall identify the suitable locations along river Ghaggar to construct storage ponds/tanks, barriers etc. so as to collect surface runoff during rainy season and regulated flow may be discharged into river Ghaggar so that environment flow can be maintained in the river.

15. Water shed Management.

No steps have been taken by the department of Soil and Water Conservation regarding water shed management.

It was directed that Department of Soil and Water Conservation shall prepare the proposal for water shed management in the catchment area of river Ghaggar within 30 days.

16. Installation of real time water quality monitoring stations (RTWQMS) in River Ghaggar.

It was informed that 4 real time water quality monitoring stations have been proposed to be installed at the locations: Bhankarpur, d/s Patiala Nadi, d/s Sagarpara and Sardulgarh. Supply order has been placed and the said monitoring systems shall be installed by 31.07.2020.

The Chairman of the Executing committee directed as under:

- i. 4 real time water quality monitoring systems in river Ghaggar, for which, the order has been placed, shall be installed at the prescribed locations by 31.07.2020.
- ii. Punjab pollution Control Board shall also install 2 more Real time water quality monitoring Station, 1 at the point of entry of river Ghaggar in Punjab area and one at its exit point leaving Punjab area shall also be installed by 31.12.2020.

17. Status of Health check camps organized during the months March, 2020 to May, 2020.

It was informed that due to lockdown and Covid-19 pandemic, no health checkup camps could be organized at Patiala, SAS Nagar and Mansa except organizing 4 camps in April, 2020 and 2 camps in May, 2020 in Sangrur area, wherein, 48 patients were checked.

The Chairman of the Executing Committee directed that the department of Health, State of Punjab shall continue to organize health checkup camps in the localities/ villages located in the catchment area of river Ghaggar as and when the prevailing conditions allow.

18. Information, education and communication (IEC) activities.

It was submitted that no IEC activities could be organized in any of the Districts namely Patiala, SAS Nagar, Sangrur and Mansa due to Covid-19 as the public gathering was not allowed for such activity.

The Chairman of the Executing Committee directed that the department of Local Government and Punjab Pollution Control Board shall continue to organize IEC activities w.r.t control of pollution in river Ghaggar in the area along the catchment area of river Ghaggar as and when prevailing conditions allow.

The minutes of the meeting have been approved by the Chairman of the Executing Committee

Sd/
Justice Pritam Pal,
Former Judge Punjab & Haryana High Court
now as Chairman of Executing Committee

Babu Rani
Dr. Babu Rani,
Technical Expert,
Executing Committee