

**Minutes of 9<sup>th</sup> meeting of River Rejuvenation Committee (RRC) held on 09/05/2024 under the chairmanship of the Secretary, Environment Forest & Climate Change Department, Government of Bihar to review the implementation of action plan in compliance with the order of the Hon'ble NGT in O.A. no. 673/2018.**

A meeting of the River Rejuvenation Committee (RRC) was held on 09/05/2024 under the chairmanship of the Secretary, Department of Environment, Forest & Climate Change, GoB to review the implementation of action plan in compliance with the order of the Hon'ble NGT in O.A. no. 673/2018 (**Attendance Sheet enclosed**).

1. The chairperson welcomed the officials/members present in the meeting. Member Secretary, Bihar State Pollution Control Board, Patna presented the background of O.A. no. 673/2018 and the current status of compliances in the light of the orders of the Hon'ble NGT through a Power point presentation. He stated that:

- I. The Hon'ble NGT is closely monitoring the issues related to polluted river stretches in the country under O.A. No. 673/2018. Out of 351 polluted river stretches in the country, Sirsiya at Raxaul (Priority-III), Parmar at Jogbani (Priority-V), Punpun at Fatuha (Priority-V), Ramrekha at Harinagar (Priority-V), Sikrahna (Harbaura) at Narkatiaganj (Priority-V) & Ganga (Priority-V) were identified as polluted river stretches on the basis of analysis report before 2018.

The status of polluted river stretches changed i.e. Sirsiya at Raxaul from Priority-III to Priority-II, Parmar at Jogbani (Priority-V), Punpun at Fatuha from Priority-V to Priority-IV, Ramrekha at Harinagar from Priority-V to Priority-III, Sikrahna (Harbaura) at Narkatiaganj from Priority-V to Priority-IV, Ganga from Priority-V to Priority-IV and the few new river stretches were identified as polluted river stretches this includes Kohra along Manjhaulia (Priority-IV), Burhi Gandak/ Sikrahna at Narkatiaganj to Pakridayal (Priority-IV), Daha at Gopalganj to Siwan (Priority-IV), Dhous along Madhuvapur (Priority-V), Gandak at Rewaghat (Priority-V), Lakhandei along Sitamarhi (Priority-III), Manusmar along Sitamarhi (Priority-V), Sone at Koelwar (Priority-V), Kamala along Darbhanga (Priority-V), Gangi at Ara (Priority-IV) & Ghaghara along Revelganj (Priority-V) in the State of Bihar on the basis of analysis report of 2019 & 2021.

Out of 18 rivers with 45 locations under polluted river stretches, Board has observed a total of 24 locations with value of BOD > 3.0 mg/L only one time during the year 2019 & 2021. A request letter sent to



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CPCB to exclude these stretches from the identified polluted river stretches vide letter no. 100, dated 18.01.2023. This was referred by Central Monitoring Committee to Central Pollution Control Board to review the same and for needful action.

Parmar, Gandak, Manusmar, Sone, Ghaghara & Bagmati rivers are no more in polluted (river stretch) ; Sirsiya river moved from priority II to III; Lakhandei river moved from priority III to V; Ganga river moved from priority IV to V; Punpun river moved from priority IV to V as per data of 2022 & 2023, indicating improvement in the water quality.

- II. The issue related with pollution of Sirsiya river was flagged during the 2<sup>nd</sup> meeting of Central Monitoring Committee through video conferencing under chairmanship of the Secretary, Ministry of Jal Shakti, Govt. of India on 19<sup>th</sup> February, 2020. The matter was also earlier raised with NMCG vide State Board's letter no. B-4025, dated-24.07.2019. The Department of Environment, Forest & Climate Change, Govt. of Bihar has also raised the issue to MoEF&CC, Govt. of India vide letter no. 173, dated-28.04.2020 and Ministry of Jal Shakti, Govt. of India vide letter, 174, dated-28.04.2020 with a request to address this issue at the Govt. of India level through Ministry of External Affairs so that Sirsiya river and ultimately the Ganga river could be protected from the industrial and domestic waste water discharge from Nepal.
- III. There are 64 projects including STP, Sewerage Network, Faecal Sludge Septage Management and Interception & Diversion (I&D) as of now in Bihar under various stages of development being executed under the Namami Gange Programme. Out of the above, only 13 projects have been completed so far, 16 projects are under progress/ongoing and the remaining 35 projects are pending at different stages.
- IV. There are only 07 new STPs operational at Patna, i.e., Beur STP (43 MLD capacity), Karmalichak STP (37 MLD capacity), Saidpur STP (60 MLD capacity), Phari STP (60 MLD capacity), Barh STP (11 MLD capacity), Sonapur STP (3.5 MLD capacity), Sultanganj STP (10 MLD capacity), Naughachia I&D and STP (09 MLD capacity), Maner I&D and STP (6.5 MLD capacity) with a total capacity of 231 MLD, but the total capacity being utilized by these STPs are 106.85 MLD (approx. 46.25%) only.
- V. The issues related to sewage management through the sewerage network and sewage treatment plant are being addressed by Urban Development and Housing Department through BUDICO under the Namami Gange Programme.



VI. Harbaura river has been selected as model river for implementation of the action plan for rejuvenation of polluted river stretch.

VII. The Board is regularly monitoring the quality of treated sewage. It has been observed that the quality of the treated sewage is not conforming to the standards especially with regard to faecal coliform (FC), making the Ganga river not fit for even bathing.

2. After detailed discussion, the following decisions were taken:-

a. Urban Development & Housing Department was directed to expedite all the concerned projects to reduce the pollution load in the identified river stretches, which are not meeting the water quality standards.

**(Action: UD&HD, GoB.)**

b. UD&HD to prioritize the projects related to sewage and solid waste management at Harinagar, district West Champaran; Narkatiyaganj, West Champaran district; Raxaul, East Champaran district and Jogbani, Araria district so that early action could be ensured for proper management of sewage and solid waste and with the ultimate aim of water quality improvement.

**(Action: UD&HD, GoB.)**

c. UD&HD shall ensure installation of the online continuous effluent (sewage) monitoring system at the outlets of the all existing operational STPs as well as plan in advance for installation of the same at the all ongoing and proposed plants (STPs) after commissioning.

**(Action: UD&HD, GoB.)**

d. UD&HD shall ensure the quality of treated sewage from STP conforming to the prescribed standards. BSPCB shall provide the analysis report of treated sewage of STP to UD&HD for information and needful action from their end.

**(Action: UD&HD, GoB & BSPCB)**

e. UD&HD shall ensure preparation of DPRs/action plan (with timeline) for reuse of treated wastewater (sewage) from the STPs at the earliest. Use of treated wastewater (sewage) for water sprinkling to suppress the road dust for the time being, among other uses may be considered.

**(Action: UD&HD, GoB)**



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- f. UDHD shall provide status of solid waste management in the ULBs located along the Polluted River Stretches on regular basis to BSPCB.

**(Action: UD&HD, GoB)**

- g. UD&HD shall expedite the identification of land for the establishment of a biodiversity park in the flood plain of Ganga front towns and submit a detailed report to the Department of Environment, Forest & Climate Change for implementation and maintenance, as directed by the Hon'ble NGT.

**(Action: UD&HD, & DoEF&CC, GoB)**

- h. BIADA shall provide current status of Common Effluent Treatment Plant (CETP) in the state of Bihar (being monitored by the Hon'ble NGT) and, the status of construction/ commissioning of CETP at Hajipur industrial area be reported to BSPCB.

**(Action: Industry Dept., GoB. & BIADA)**

- i. Agriculture Department shall provide the current status of total drip irrigation coverage area, total sprinkler coverage area and details of crop diversification (**district-wise**) to the BSPCB.

**(Action: Agriculture Dept., GoB.)**

- j. Public Health Engineering Department shall provide the analysis report of ground water along the polluted river stretches to the BSPCB.

**(Action: PHED, GoB.)**

- k. Central Ground Water Authority shall provide the current status of NOC applications for ground water extraction by industries to the BSPCB (list of industries issued with NOC and exemption from obtaining NOC).

**(Action: CGWA)**

- l. Forest Department shall make provide the details of plantation schemes with implementation status along the polluted river stretches in Bihar. More plantations be taken up along the polluted river stretches and action taken note be submitted to BSPCB.

**(Action: EF&CC, Dept., GoB.)**

- m. Environment, Forest & Climate Change Department shall look into the matter and take follow up action regarding pollution abatement of Sirsiya river from Nepal through Govt. of India under reference request submitted by BSPCB.



(**Action:** EF&CC, Dept., GoB.)

- n. Rural Development Department, Govt. of Bihar shall provide current status of Ground Water Recharging/Rain Water Harvesting structures in the state of Bihar to BSPCB.

(**Action:** RRD, GoB.)

- o. Panchayati Raj Department, GoB shall provide the status of sewage and solid waste management facility in the rural areas to BSPCB.

(**Action:** Panchayati Raj Dept., GoB.)

- p. Water Resources Department, Govt. of Bihar shall provide current status of flood plain zonation in the state to BSPCB.

(**Action:** WRD, GoB.)


- q. Information and Public Relation Department and Minor Water Resources Department have to be included as members of the River Rejuvenation Committee (RRC). The proceeding of this meeting be forwarded with a request to nominate concerned officer to attend the next meeting.

(**Action:** IPRD & MWRD GoB.)

- r. Minor Water Resources Department, Govt. of Bihar shall expedite for early notification of the SoP for the conservation of ground water, as directed by the Hon'ble NGT and the Chief Secretary, Bihar.

(**Action:** MWRD, GoB.)

The meeting ended with a vote of thanks to the chair.

 5/6/2024

(Bandana Preyashi)  
Secretary,  
DoEF&CC, GoB.




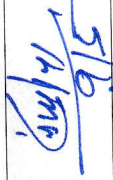

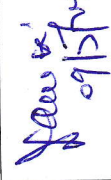






BIHAR STATE POLLUTION CONTROL BOARD  
Parivesh Bhawan, Patliputra Industrial Area, P.O.-Sadakat Ashram, Patna-800010

EPABX-0612-2261250/2262265, Fax-0612-2261050

Meeting of River Rejuvenation Committee (RRC) on 09.05.2024

Sl. No.	Department	Name	Designation	Mobile No.	E-mail	Signature
1.	The PCCF, Environment, Climate Change and Wetland, Bihar, Patna.	N. JAWAHAR (Raj) JP	Prof CCWL	77802 93886	Prof climate change@gmail.com	
2.	Bihar State Pollution Control Board	S. Chandrasekhar	MS. BSPCB	97714 23957	bspcb@yahoo.com	
3.	Department of Industries, Govt. of Bihar.					
4.	Panchayati Raj Department, Govt. of Bihar.	Alok kumar	OSD	9162133336		
5.	Water Resources Department, Govt. of Bihar.	Narjaya Ku Dika	Chief Engineer WRD	7463889 106		
6.	Urban Development & Housing Department, Govt. of Bihar.	Ajay Ghuman	JS,	8070335532		
7.	Public Health Engineering Department, Govt. of Bihar.	Daya Shankar Prasad	Chief Engineer (Sanitation & Hyg.)	966116675	dayaaprasad 06@gmail.com	
8.	Rural Development Department, Govt. of Bihar.	Nalin Pratap Rama	OSD	9419330 23	nalinprataprama @gmail.com	
9.	Agriculture Department,	Sudansu Mahato	Director of Cons.	9955500031		

	Govt. of Bihar.							
10.	Bihar Industrial Area Development Authority (BIADA)							
11.	Central Ground Water Board							
12.	Bihar State Pollution Control Board	S.M. Taysarwal	Scientific Advisor					9/11/24
13.	Bihar State Pollution Control Board							
14.	Bihar State Pollution Control Board							
15.	SPMs (TL), Narmada Range, Bhopal (u/s of HD)	Ramawatar Sah	Team leader					9/10/24
16.	PRD	Abhishek Ranjan	EX-Engg					9/10/24
17.	Bamed, Agriculture Department, Bihar	Narenshay	Dy Director			977146764	9/10/24	9/10/24
18.								
19.								
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