TRIPURA STATE POLLUTION CONTROL BOARD
(A Govt. of Tripura Organisation)

No.F.19 (7)/TSPCB/RRC/11936-39 **September** 23**,2020.**

To
Shri D. P. Mathuria
Executive Director- Technical
National Mission for Clean Ganga
Ministry of Jal Shakti (MoJS)
1st floor, Major Dhyan Chand National Stadium
India gate, New Delhi-110002.

Sub. : Submission of monthly progress report of six identified river stretches of Tripura for the month of August, 2020.

Sir,

In compliance to Hon'ble National Green Tribunal Order dated 6.12.2019 in O.A No.673/2018 in the matter of news item published in 'The Hindu' titled "More River Stretches are now critically polluted: CPCB", please find enclosed the monthly progress report for six identified river stretches of Tripura for the month of August, 2020 in the prescribed format for kind information.

Yours Sincerely,

Enclosed: as stated

23/9/2020
(Bishu Karmakar)
Member Secretary

Copy to:

1. PS to the Secretary, Science, Technology and Environment, Government of Tripura for kind information of the Secretary.
2. The Director, Science, Technology and Environment, Govt. of Tripura for kind information.
3. Mr. A. Sudhakar, DH, WQM-1 Division, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032.

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MONTHLY STATUS REPORT OF 6 (SIX) IDENTIFIED RIVER STRETCHES OF THE MONTH AUGUST, 2020 FOR THE STATE OF TRIPURA

- In pursuance to the Report of the CPCB and in compliance of the directions of the Hon'ble NGT, Principal Bench, New Delhi, vide its Order dated 20.09.2018 in O.A. 673 of 2018, the State Government constituted a **River Rejuvenation Committee (RRC),** vide its Memorandum dated 01.11.2018. The Committee is also functioning as the Monitoring Committee for the Action Plans already prepared for rejuvenation of 6 (six) identified river stretches. The Committee comprises the following officers of the State Government:

1.	Director, Science, Technology & Environment	Chairman
2.	Director, Urban Development	Member
3.	Director, Industries & Commerce	Member
4.	Member Secretary, TSPCB	Member Secretary

The Committee is working under overall supervision of the Secretary, Science, Technology and Environment.

- Besides the above, as per directions of the Hon'ble NGT, Principal Bench, New Delhi, the State Government has also constituted District-level Special Environment Surveillance Task Force (SESTF) for each District.
- The River Rejuvenation Committee has prepared the Action Plans for individual river stretches as suggested by the CPCB. The Action Plans were sent to CPCB on 28.06.2019. The said Action Plans have been uploaded in the TSPCB website.
- The 4th meeting of River Rejuvenation Committee (RRC) Tripura was held on 25-08-2020 under the chairmanship of the Chairman, RRC to review the progress of the implementation of action plan. (Minutes of the meeting is annexed as **Annexure 1)**
- Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river stretches in the State:

River	River Stretch
Burigaon	Along Bishalgarh
Gumti	Telkajila To Amarpur
Haora	Agartala To Bishramganj
Juri	Along Dharmanagar
Khowai	Along Teliamura
Manu	Along Kailashahar

- From the analytical report for all the monitoring locations of six rivers entered in EWQDES portal of CPCB by TSPCB since June, 2016, it has been observed that the BOD values for the six identified polluted river stretches were within prescribed standard limit (3 mg/l) except for some specific months in respect of Gumati river (June, July, August & September, 2016 at Sonamura location), Haora river (June & July, 2016 at Chandrapur location; June to August, 2016 at Dashamighat location) Juri river (June to November, 2016 at Krishnapur location) Manu river (June to August, 2016 at Kailasahar location). It is relevant to mention that for all the monitoring locations of Khowai river, the BOD value was within prescribed standard limit (3 mg/l) since June, 2016. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at (**ANNEXURE-2).**
- All concerned Departments / Organizations have been directed to take necessary steps for effective implementation of the Action Plans so that the water quality of the 6 (six) identified river stretches remains within prescribed standards.
- The River Rejuvenation Committee, Tripura review the action taken on implementation of the Action Plans for rejuvenation of the six identified river stretched on regular basis. The minutes are being uploaded in TSPCB website.
- The Chief Secretary, Tripura also monitored the action taken on implementation of the Action Plans for rejuvenation of the six identified river stretched every month in the State Level Committee meeting through video conferencing with all DMs.
- As per the decision of the 2nd meeting of Central Monitoring Committee held on 19.02.2020, the state of Tripura has nominated the Member Secretary, Tripura State Pollution Control Board as the Nodal Officer for submission of Monthly Progress Report to Concerned Authorities. The Memorandum is annexed as **(Annexure–3).**

I. Details of Industry and ETP/CETP:

- Total number of industries/industrial estates: A total of 179 industries are present within 500 meter of the catchment areas of the Six identified river.
- Total existing CETPs : 1 CETP of 500 KLD at Budhjungnagar Industrial Estate, Agartala.

v. Solid waste management

- Total MSW generation (TPD): 337.3 TPD Municipal Solid Wastes are being generated from the Municipal areas of the catchment areas of six identified river stretches.
- Existing facilities : A 250 TPD capacity Solid Waste Processing Plant (composting) have already been set up at Devendra Chandra Nagar which is operational. This Plant is also catering the processing of solid waste from nearby 4 smaller urban local bodies, i.e., Bishalgarh Municipal Council, Mohanpur Municipal Council, Ranirbazar Municipal Council & Jirania Nagar Panchayat. These 4 urban local bodies are located within 10-15 Kms. from the periphery of Agartala city and it is economical for them to transport their solid waste on daily basis to the 250 TPD SWM plant at Agartala rather than to operate and maintain their individual solid waste processing plant.
- In addition, door to door waste collection, source segregation and processing etc are being done by other ULBs.

vi. Bio-medical/Hazardous/Plastic waste generation

- Total Bio-medical/Hazardous/Plastic waste generation: The generation of Bio-medical/Hazardous/Plastic waste in the catchment areas of the **six** identified river stretches are as follows:

Type of Waste	**Waste Generated**
Bio medical Waste	0.283 TPD
Hazardous Waste	Nil
Plastic Waste	2.5 TPD

- Total no. of hospital and bio-medical waste generation/treatment
  A total of 11 hospitals are present in the catchment areas of the six identified river stretches.
- Total units generating hazardous waste/treatment facility: Nil

Further, Detail Status on Implementation of Action Plan For Restoration of 6 (Six) Identified River Stretches of Tripura in the prescribed format are as follows:

DETAIL STATUS ON IMPLEMENTATION OF ACTION PLAN FOR RESTORATION OF 6 (SIX) IDENTIFIED RIVER STRECTHES OF TRIPURA

NAME OF THE RIVER: BURIGAON RIVER

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. All the major drains have been identified. **(Annexure-4).** • A comprehensive action plan is prepared for 100% sewage Management in the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB. • Finalization of technical specifications/tender documents for installation of 15 Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity for 15 ULBs including Bishalgarh Municipal Council are going on and will be completed shortly.	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. • All the major drains have been identified. • Tender has been invited for engagement of survey consultants to prepare baseline information for pollution abatement of storm drains through in situ bio remediation in 20 ULBs in Tripura. Evaluation of this tender is going on. After completion of base line study of each drains (length, widths, flow, discharge etc.) tender will be floated by UDD for each ULBs for execution of in situ bio remediation works. • The technical specifications of Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity has been finalized and uploaded in the website of UDD. The identification of the land is going on by each

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
				ULBs for setting up of ***FSTPs.*** The work will be completed by next one month. After identification of land by ULBs the tender will be floated for its execution. • A comprehensive action plan is prepared for 100% sewage Management for the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB and all concerned for effective implementation.
	Commencement of setting up of STPs and Connecting all the drains and other sources of generation of sewage to the STPs must be ensured	31.03.2022	• The ULBs have identified the drains Bio-remediation work. • As per the State Strategy and directives of Hon'ble NGT, UDD is to adopt bio-remediation/ phyto-remediation technology only to reduce pollution. No STP will be proposed to construct for liquid waste management.	• Work is in progress.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	• All works will be completed by 31.03.2022.	• Necessary efforts are being taken by the concerned department.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
3	**Chief secretaries may set up appropriate monitoring mechanism at state level. Specifying accountability of nodal Authorities not below the secretary level. Chief may have an accountable person attached in their office for this purpose.**	Continuous activity	• State level committee has been notified under the chairmanship of Chief Secretary to Monitor the overall progress of the compliance. The review meeting are being conducted by the Chief Secretary every months. • In addition, River Rejuvenation Committee (RRC) has been constituted to look after the progress of the implementation of the action plan for restoration of the river stretches. The RRC met every month to review the progress on action plan for restoration of the river stretches. The last meeting was held on 25.08.2020. • A District level committee has been constituted which is also known as District Task Force for overall monitoring of the implementation of the action plan. The DMs are conducting meeting on regular basis.	• The committee's are monitoring the overall progress of implementation of the action plan.
	Monitoring at state level must take place	Fortnightly commencing 21.12.2019	• State level committee meeting under the Chairmanship of the Chief Secretary have been conducted monthly to monitor the overall progress at the state level and River Rejuvenation	• Continuous process.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			Committee (RRC) also holding meeting regularly.	
4	**Progress report may be furnished by the states/UTs to** • **Secretary, Ministry of Jal Shakti** • **Member Secretary, CPCB**	Monthly (Preferably before 20th of every month)	• Monthly progress report (MPR) are being sent to NMCG with a copy to CPCB every month. The last MPR have been sent to NMCG on 27.08.2020.	• MPR are being sent to NMCG with a copy to CPCB on regular basis.
5.1	**Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment.**	31.03.2021	• Identification of the industries located in and around 500 meters of the river stretches has been completed. • the industries in the river stretches have been identified. • Direction has been issued to defaulting industries for compliance of the environmental norms. • Drains have been identified. Wire mesh has been installed in all major drains.	• Regular monitoring are being conducted by Tripura State Pollution Control Board.
5.2	**Status of STPs, I & D and sewerage Networks**	31.03.2022	As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto	As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. In addition, all the ULBs has been directed to

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			remediation of sewage in drains.	adopt in-situ Bio-remediation and phyto remediation of sewage in drains.
5.3	**Status of CETPs** **Details of existing CETP and ETP infrastructure, gap analysis proposed with completion timeline, No. of industries and complying status.**	31.03.2022	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. • **CETP:** CETP is not required in this river stretches as the water quality is under prescribed standard.	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. • Direction has been issued to the defaulting units for necessary compliance
5.4	**Status of Solid Waste Management and details of processing facilities (Details of Existing Infrastructure, Gap analysis, Proposal along with completion timeline.)**	31.03.2020	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site at Devendra Chandra Nagar, Agartala.	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site at Devendra Chandra Nagar, Agartala. • Initiatives have been taken for setting up of tertiary treatment plant. Tender process

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
				is going on.
		31.03.2021	• Strengthening of Solid Waste Management Disposal Site is being done.	• Strengthening of Solid Waste Management Disposal Site is being done. (Continuous process). • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		Continuous activity.	• Sign Board for prohibition of disposal of municipal plastic, bio- medical wastes and other wastes has been displayed at different locations within municipality area. Fitting fixing of wire mesh to protect plastic flow work at four feeder point is going on. Source segregation of different types of wastes is carried out involving women SHGs.	• Continuous activity.
			• Approximately 11.6 TDP solid waste has been generated under Bishalgarh Municipal Council. All most all the Wards are being engaged with women SHGs for collection and segregation of solid wastes before further disposal into	-

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
			Devendra Chandanagar solid waste disposable site. No such gap found between current status and desirable level.	
5.5	**Latest Water Quality of Polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.**	Continuous activity	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State.	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-2**.
5.6	**Preventing Dumping of waste and scientific waste management including Bio Medical waste and decentralizing waste processing including waste**	31.03.2021	• Dumping of solid wastes is strictly prohibited in river and river stretches by using bylaws. Trainings to all healthcare workers and others, involved in handling of bio-medical waste have been provided at the time of induction. Strict monitoring are being	• Continuous activity. • Civil Construction is going on for setting up of CBWTF at Agartala.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
	generated from Hotels and ashrams etc.		done by the Health department as well as Tripura State Pollution Control Board so that no Bio medical wastes dumped into the river. • Amongst the Public Health Facilities, 03 state level hospitals namely GBP Hospital, IGM Hospital & Cancer hospital have their own incinerator. Other Public Health Facilities are managing the biomedical waste through disinfection, deep burial & sharp pits. • However, one CBWTF Operator has been selected by Health & Family Welfare Department, Govt. of Tripura through open tendering through e-Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. Environment Clerance (EC), CTE & BMW Authorisation Certificate has already been issued in favour of the said project. The concerned	

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
			agency has been instructed to expedite the process for infrastructure development as well as setting up of the facility at an early date.	
5.7	**Ground Water regulation**	Continuous activity	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.
		Continuous activity.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of said River. • Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of this River. • Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.
5.8	**Adopting good irrigation practice**	Continuous activity	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the	• Generation of mass awareness to conserve water and also for good irrigation practices is being

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			farmers in the catchment areas of the River.	carried out by the farmers in the catchment areas of the River.
5.9	**Protection and Management of Flood Plain Zone (FPZ)**	Continuous activity	• Bamboo Plantation on sides of the river banks has been done in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river.	• Bamboo Plantation on sides of the river banks has been done in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river. • The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-5).**
			• Regular monitoring is going on to check illegal encroachment.	• Regular monitoring is going on to check illegal encroachment.
5.10	Rain Water Harvesting	Continuous activity	• All the industries using in the catchment areas responsible for using ground water for industrial purpose is directed to construct rain water harvesting plant and the compliance has been ensured.	• Rain water harvesting plant has been constructed by almost all the concerned units. • A comprehensive Rain water harvesting plan has submitted to CPCB. • In the new Building Rules, the roof top Rain Water Harvesting system have been included for all new building.

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			As on July,2020	As on August, 2020
5.11	**Environmental Flow (E-Flow)**	31.03.2022	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after installation.	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after installation.
5.12	**Plantation on both sides of the river**	31.03.2020	• Extensive river side plantation has been carried out on both sides of the river.	• Extensive river side plantation has been carried out on both sides of the river.
5.13	**Setting up of Bio diversity parks on flood plains by removing encroachments.**	31.03.2022	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.
5.14	**Awareness Generation**	Continuous activity	• Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies on continuous basis. Awareness programme is going on in every Friday during village tour headed by District Magistrate & Collector of Sipahijala	• Continuous activity.

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			As on July,2020	As on August, 2020
			district and covered Nidaya GP, Killamura ADC Village, Taibandal ADC Village, Rangmala ADC Village, Ramcherra ADC Village , Purba Gakulpur GP, Dhanirampur ADC Village till date, which are situated near the river bank. School level awareness has been done through drama, science seminar and quiz competition for mass awareness generation and restoration of the river.	

Name of the River: GUMTI RIVER (AMARPUR TO TELKAJLA)

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			As on July,2020	As on August, 2020
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. <u>All the major drains have been identified.</u> **<u>(Annexure-4).</u>** • A comprehensive action plan is prepared for 100% sewage Management in the state and submitted to concerned Authority for	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. • All the major drains have been identified. • Tender has been invited for engagement of survey consultants to prepare baseline information for pollution abatement of storm drains through in situ bio remediation in 20

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
			approval. After approval, it will be submitted to CPCB. • Finalization of technical specifications/tender documents for installation of 15 Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity for 15 ULBs are going on and will be completed shortly.	ULBs in Tripura. Evaluation of this tender is going on. After completion of base line study of each drains (length, widths, flow, discharge etc.) tender will be floated by UDD for each ULBs for execution of in situ bio remediation works. • The technical specifications of Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity has been finalized and uploaded in the website of UDD. The identification of the land is going on by each ULBs for setting up of ***FSTPs.*** The work will be completed by next one month. After identification of land by ULBs the tender will be floated for its execution. • A comprehensive action plan is prepared for 100% sewage Management for the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB and all concerned for effective implementation.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
	Commencement of setting up of STPs and Connecting all the drains and other sources of generation of sewage to the STPs must be ensured	31.03.2022	• The ULBs have identified the drains Bio-remediation work. • As per the State Strategy and directives of Hon'ble NGT, UDD is to adopt bio-remediation/ phyto-remediation technology only to reduce pollution. No STP will be proposed to construct for liquid waste management.	• Work is in progress.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	• All works will be completed by 31.03.2022.	• Necessary efforts are being taken by the concerned department.
3	**Chief secretaries may set up appropriate monitoring mechanism at state level. Specifying accountability of nodal Authorities not below the secretary level. Chief may have an accountable person attached in their office for this purpose.**	Continuous activity	• State level committee has been notified under the chairmanship of Chief Secretary to Monitor the overall progress of the compliance. The review meeting are being conducted by the Chief Secretary every months. • In addition, River Rejuvenation Committee (RRC) has been constituted to look after the progress of the implementation of the action plan for restoration of the river stretches. The RRC met every month to review the progress on action plan for restoration of the river stretches. The	• The committee's are monitoring the overall progress of implementation of the action plan.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			last meeting was held on 25.08.2020. • A District level committee has been constituted which is also known as District Task Force for overall monitoring of the implementation of the action plan. The DMs are conducting meeting on regular basis.	
	Monitoring at state level must take place	Fortnightly commencing 21.12.2019	• State level committee meeting under the Chairmanship of the Chief Secretary have been conducted monthly to monitor the overall progress at the state level and River Rejuvenation Committee (RRC) also holding meeting regularly.	• Continuous process.
4	**Progress report may be furnished by the states/UTs to** • **Secretary, Ministry of Jal Shakti** • **Member Secretary, CPCB**	Monthly (Preferably before 20th of every month)	• Monthly progress report (MPR) are being sent to NMCG with a copy to CPCB every month. The last MPR have been sent to NMCG on 27.08.2020.	• MPR are being sent to NMCG with a copy to CPCB on regular basis.
5.1	**Identification of polluting sources including drains contributing to**	31.03.2021	• Identification of the industries located in and around 500 meters of the river stretches has been completed. • All industries have been	• Regular monitoring are being conducted by Tripura State Pollution Control Board.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
	river pollution and action as per NGT order on in-situ treatment.		identified. • Direction has been issued to defaulting industries for compliance of the environmental norms. • Drains have been identified. Wire mesh has been installed in all major drains.	
5.2	**Status of STPs, I & D and sewerage Networks**	31.03.2022	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.
5.3	**Status of CETPs** **Details of existing CETP and ETP infrastructure, gap analysis proposed with completion timeline, No. of industries and complying status.**	31.03.2022	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. • **CETP:** CETP is not required for this river	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			stretches as the water quality is under prescribed standard.	• Direction has been issued to the defaulting units for necessary compliance
5.4	**Status of Solid Waste Management and details of processing facilities (Details of Existing Infrastructure, Gap analysis, Proposal along with completion timeline.)**	31.03.2020	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site.	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site. • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		31.03.2021	• Strengthening of Solid Waste Management Disposal Site is being done.	• Strengthening of Solid Waste Management Disposal Site is being done. (Continuous process). • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		Continuous	• Sign Board for prohibition	• Continuous activity.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
		activity.	of disposal of municipal plastic, bio- medical wastes and other wastes has been displayed at different locations within municipality area. Fitting fixing of wire mesh to protect plastic flow work at four feeder point is going on. Source segregation of different types of wastes is carried out involving women SHGs**.**	-
5.5	**Latest Water Quality of Polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.**	Continuous activity	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State.	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-2.**

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.6	**Preventing Dumping of waste and scientific waste management including Bio Medical waste and decentralizing waste processing including waste generated from Hotels and ashrams etc.**	31.03.2021	• Dumping of solid wastes is strictly prohibited in river and river stretches by using bylaws. Trainings to all healthcare workers and others, involved in handling of bio-medical waste have been provided at the time of induction. Strict monitoring are being done by the Health department as well as Tripura State Pollution Control Board so that no Bio medical wastes dumped into the river. • Amongst the Public Health Facilities, 03 state level hospitals namely GBP Hospital, IGM Hospital & Cancer hospital have their own incinerator. Other Public Health Facilities are managing the biomedical waste through disinfection, deep burial & sharp pits. • However, one CBWTF Operator has been selected by Health & Family Welfare Department, Govt. of Tripura through open tendering through e-	• Continuous activity. • Civil construction is going on for setting up of CBWTF at Agartala.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. Environment Clerance (EC), CTE & BMW Authorisation Certificate has already been issued in favour of the said project. The concerned agency has been instructed to expedite the process for infrastructure development as well as setting up of the facility at an early date.	
5.7	**Ground Water regulation**	Continuous activity	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.
		Continuous activity.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of said River. • Many of the units have also submitted the declarations	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of this River. • Many of the units have

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			along with the NOC from Central Ground Water Authority.	also submitted the declarations along with the NOC from Central Ground Water Authority.
5.8	**Adopting good irrigation practice**	Continuous activity	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.
5.9	**Protection and Management of Flood Plain Zone (FPZ)**	Continuous activity	• Bamboo Plantation on sides of the river banks has been done in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river.	• Bamboo Plantation on sides of the river banks has been done in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river. • The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-5).**
			• Regular monitoring is going on to check illegal encroachment.	• Regular monitoring is going on to check illegal encroachment.
5.10	Rain Water Harvesting	Continuous activity	• All the industries using in the catchment areas responsible for using	• Rain water harvesting plant has been constructed by almost

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
			ground water for industrial purpose is directed to construct rain water harvesting plant and the compliance has been ensured.	all the concerned units. • A comprehensive Rain water harvesting plan has submitted to CPCB. • In the new Building Rules, the roof top Rain Water Harvesting system have been included for all new building.
5.11	**Environmental Flow (E-Flow)**	31.03.2022	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after installation.	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after installation.
5.12	**Plantation on both sides of the river**	31.03.2020	• Extensive river side plantation has been carried out on both sides of the river.	• Extensive river side plantation has been carried out on both sides of the river.
5.13	**Setting up of Bio diversity parks on flood plains by removing encroachments.**	31.03.2022	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.14	**Awareness Generation**	Continuous activity	• Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies on continuous basis.	• Continuous activity.

Name of River : HAORA RIVER (AGARTALA To CHAMPAKNAGAR STRETCH)

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. <u>All the major drains have been identified.</u> **<u>(Annexure-4).</u>** • A comprehensive action plan is prepared for 100% sewage Management in the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB. • Finalization of technical specifications/tender documents for installation of 15 Faecal Sludge	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. • All the major drains have been identified. • Tender has been invited for engagement of survey consultants to prepare baseline information for pollution abatement of storm drains through in situ bio remediation in 20 ULBs in Tripura. Evaluation of this tender is going on. After completion of base line study of each drains (length, widths, flow, discharge etc.) tender will be floated by UDD for each ULBs for

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			Treatment Plants (***FSTPs***) of 600 KLD capacity for 15 ULBs are going on and will be completed shortly.	execution of in situ bio remediation works. • The technical specifications of Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity has been finalized and uploaded in the website of UDD. The identification of the land is going on by each ULBs for setting up of ***FSTPs.*** The work will be completed by next one month. After identification of land by ULBs the tender will be floated for its execution. • A comprehensive action plan is prepared for 100% sewage Management for the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB and all concerned for effective implementation.
	Commencement of setting up of STPs and Connecting all the drains and other sources of generation of sewage to the STPs must be ensured	31.03.2022	• One 8 MLD STP is being utilized at 2 MLD capacity. • Work Order has been issued for another 8 MLD STP at Akaura ICP. • The ULBs have identified all drains Bio-remediation work. • As per the State Strategy and directives of Hon'ble NGT, UDD is to adopt bio-remediation/ phyto-remediation technology only to reduce pollution. No STP	• Civil construction has been started for setting up of 8 MLD STP at Akaura ICP. • ASCL will flout tender for Bio remediation of 5 drains as pilot project.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			will be proposed to construct for liquid waste management.	
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	• All works will be completed by 31.03.2022.	• Necessary efforts are being taken by the concerned department.
3	**Chief secretaries may set up appropriate monitoring mechanism at state level. Specifying accountability of nodal Authorities not below the secretary level. Chief may have an accountable person attached in their office for this purpose.**	Continuous activity	• State level committee has been notified under the chairmanship of Chief Secretary to Monitor the overall progress of the compliance. The review meeting are being conducted by the Chief Secretary every months. • In addition, River Rejuvenation Committee (RRC) has been constituted to look after the progress of the implementation of the action plan for restoration of the river stretches. The RRC met every month to review the progress on action plan for restoration of the river stretches. The last meeting was held on 25.08.2020. • A District level committee has been constituted which is also known as District Task Force for	• The committee's are monitoring the overall progress of implementation of the action plan.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			overall monitoring of the implementation of the action plan. The DMs are conducting meeting on regular basis.	
	Monitoring at state level must take place	Fortnightly commencing 21.12.2019	• State level committee meeting under the Chairmanship of the Chief Secretary have been conducted monthly to monitor the overall progress at the state level and River Rejuvenation Committee (RRC) also holding meeting regularly.	• Continuous process.
4	**Progress report may be furnished by the states/UTs to** • **Secretary, Ministry of Jal Shakti** • **Member Secretary, CPCB**	Monthly (Preferably before 20th of every month)	• Monthly progress report (MPR) are being sent to NMCG with a copy to CPCB every month. The last MPR have been sent to NMCG on 27.08.2020.	• MPR are being sent to NMCG with a copy to CPCB on regular basis.
5.1	**Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment.**	31.03.2021	• Identification of the industries located in and around 500 meters of the river stretches has been completed. • The industries have been identified. • Direction has been issued to defaulting industries for compliance of the environmental norms. • 18 ETPs have been	• Regular monitoring are being conducted by Tripura State Pollution Control Board.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			installed by the industries. • 1 CETP along with OCEMs have been installed and it is functional. • Drains have been identified. Wire mesh has been installed in all major drains.	
5.2	**Status of STPs, I & D and sewerage Networks**	31.03.2022	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.
5.3	**Status of CETPs** **Details of existing CETP and ETP infrastructure, gap analysis proposed with completion timeline, No. of industries and complying status.**	31.03.2022	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. 18 ETPs have been installed by the industries. • **CETP:** 1 CETP along with OCEMs have been	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. 18 ETPs have been installed by the

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			installed at Budhjungnagar Industrial Estate and it is functional. • The waste water samples from ETP and CETP are being collected on monthly basis and the status report have been submitted to CPCB. • Direction has been issued to the defaulting units for necessary compliance	industries. • **CETP:** 1 CETP along with OCEMs have been installed at Budhjungnagar Industrial Estate and it is functional. • The waste water samples from ETP and CETP are being collected on monthly basis and the status report have been submitted to CPCB. • Direction has been issued to the defaulting units for necessary compliance
5.4	**Status of Solid Waste Management and details of processing facilities (Details of Existing Infrastructure, Gap analysis, Proposal along with completion timeline.)**	31.03.2020	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site at Devendra Chandra Nagar, Agartala.	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site at Devendra Chandra Nagar, Agartala. • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		31.03.2021	• Strengthening of Solid Waste Management Disposal Site is being done.	• Strengthening of Solid Waste Management Disposal Site is being done. (Continuous process).

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
				• Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		Continuous activity.	• Sign Board for prohibition of disposal of municipal plastic, bio- medical wastes and other wastes has been displayed at different locations within municipality area. Fitting fixing of wire mesh to protect plastic flow work at four feeder point is going on. Source segregation of different types of wastes is carried out involving women SHGs**.**	• Continuous activity.
			• Approximately 250 TDP solid waste has been generated under Agartala Municipal Corporation. All most all the Wards are being engaged with women SHGs for collection and segregation of solid wastes before further disposal into Devendra Chandanagar solid waste disposable site. No such gap found between current status and desirable level.	-

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.5	**Latest Water Quality of Polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.**	Continuous activity	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State.	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-2.**
5.6	**Preventing Dumping of waste and scientific waste management including Bio Medical waste and decentralizing waste processing including waste generated from Hotels and ashrams etc.**	31.03.2021	• Dumping of solid wastes is strictly prohibited in river and river stretches by using bylaws. Trainings to all healthcare workers and others, involved in handling of bio-medical waste have been provided at the time of induction. Strict monitoring are being done by the Health department as well as Tripura State Pollution Control Board so that no Bio medical wastes dumped into the river.	• Continuous activity. • Civil construction is going on for setting up of CBWTF at Agartala.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
			• Amongst the Public Health Facilities, 03 state level hospitals namely GBP Hospital, IGM Hospital & Cancer hospital have their own incinerator. Other Public Health Facilities are managing the biomedical waste through disinfection, deep burial & sharp pits. • However, one CBWTF Operator has been selected by Health & Family Welfare Department, Govt. of Tripura through open tendering through e-Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. Environment Clerance (EC), CTE & BMW Authorisation Certificate has already been issued in favour of the said project. The concerned agency has been instructed to expedite the process for infrastructure development as well as setting up of the facility at an early date.	

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.7	**Ground Water regulation**	Continuous activity	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.
		Continuous activity.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of said River. • Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of this River. • Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.
5.8	**Adopting good irrigation practice**	Continuous activity	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.
5.9	**Protection and Management of Flood Plain Zone**	Continuous activity	• Bamboo Plantation on sides of the river banks has been done in	• Bamboo Plantation on sides of the river banks has been done

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
	(FPZ)		collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river.	in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river. • The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-5).**
			• Regular monitoring is going on to check illegal encroachment.	• Regular monitoring is going on to check illegal encroachment.
5.10	Rain Water Harvesting	Continuous activity	• All the industries using in the catchment areas responsible for using ground water for industrial purpose is directed to construct rain water harvesting plant and the compliance has been ensured.	• Rain water harvesting plant has been constructed by almost all the concerned units. • A comprehensive Rain water harvesting plan has submitted to CPCB. • In the new Building Rules, the roof top Rain Water Harvesting system have been included for all new building.
5.11	**Environmental Flow (E-Flow)**	31.03.2022	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			installation.	maintained monthly basis after installation.
5.12	**Plantation on both sides of the river**	31.03.2020	• Extensive river side plantation has been carried out on both sides of the river.	• Extensive river side plantation has been carried out on both sides of the river.
5.13	**Setting up of Bio diversity parks on flood plains by removing encroachments.**	31.03.2022	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.
5.14	**Awareness Generation**	Continuous activity	• Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies on continuous basis.	• Continuous activity.

Name of River: THE JURI RIVER (ALONG DHARMANAGAR)

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. <u>All the major drains have been identified.</u> **<u>(Annexure-4).</u>** • A comprehensive action plan is prepared for 100% sewage Management in the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB. • Finalization of technical specifications/tender documents for installation of 15 Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity for 15 ULBs are going on and will be completed shortly.	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. • All the major drains have been identified. • Tender has been invited for engagement of survey consultants to prepare baseline information for pollution abatement of storm drains through in situ bio remediation in 20 ULBs in Tripura. Evaluation of this tender is going on. After completion of base line study of each drains (length, widths, flow, discharge etc.) tender will be floated by UDD for each ULBs for execution of in situ bio remediation works. • The technical specifications of Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity has been finalized and uploaded in the website of UDD. The identification of the land is going on by each ULBs for setting up of ***FSTPs.*** The work will be completed by next

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
				one month. After identification of land by ULBs the tender will be floated for its execution. • A comprehensive action plan is prepared for 100% sewage Management for the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB and all concerned for effective implementation.
	Commencement of setting up of STPs and Connecting all the drains and other sources of generation of sewage to the STPs must be ensured	31.03.2022	• The ULBs have identified the drains Bio-remediation work. • As per the State Strategy and directives of Hon'ble NGT, UDD is to adopt bio-remediation/ phyto-remediation technology only to reduce pollution. No STP will be proposed to construct for liquid waste management.	• Work is in progress.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	• All works will be completed by 31.03.2022.	• Necessary efforts are being taken by the concerned department.
3	**Chief secretaries may set up appropriate monitoring**	Continuous activity	• State level committee has been notified under the chairmanship of Chief Secretary to Monitor the overall progress of the	• The committee's are monitoring the overall progress of implementation of the

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
	mechanism at state level. Specifying accountability of nodal Authorities not below the secretary level. Chief may have an accountable person attached in their office for this purpose.		compliance. The review meeting are being conducted by the Chief Secretary every months. • In addition, River Rejuvenation Committee (RRC) has been constituted to look after the progress of the implementation of the action plan for restoration of the river stretches. The RRC met every month to review the progress on action plan for restoration of the river stretches. The last meeting was held on 25.08.2020. • A District level committee has been constituted which is also known as District Task Force for overall monitoring of the implementation of the action plan. The DMs are conducting meeting on regular basis.	action plan.
	Monitoring at state level must take place	Fortnightly commencing 21.12.2019	• State level committee meeting under the Chairmanship of the Chief Secretary have been conducted monthly to monitor the overall progress at the state level and River Rejuvenation Committee (RRC) also holding meeting regularly.	• Continuous process.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
4	**Progress report may be furnished by the states/UTs to** • **Secretary, Ministry of Jal Shakti** • **Member Secretary, CPCB**	Monthly (Preferably before 20th of every month)	• Monthly progress report (MPR) are being sent to NMCG with a copy to CPCB every month. The last MPR have been sent to NMCG on 27.08.2020.	• MPR are being sent to NMCG with a copy to CPCB on regular basis.
5.1	**Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment.**	31.03.2021	• Identification of the industries located in and around 500 meters of the river stretches has been completed. • All industries have been identified. • Direction has been issued to defaulting industries for compliance of the environmental norms. • Drains have been identified. Wire mesh has been installed in all major drains.	• Regular monitoring are being conducted by Tripura State Pollution Control Board.
5.2	**Status of STPs, I & D and sewerage Networks**	31.03.2022	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
				in drains.
5.3	**Status of CETPs** **Details of existing CETP and ETP infrastructure, gap analysis proposed with completion timeline, No. of industries and complying status.**	31.03.2022	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. • **CETP:** CETP is not required for this river stretches as the water quality is under prescribed standard.	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. • Direction has been issued to the defaulting units for necessary compliance
5.4	**Status of Solid Waste Management and details of processing facilities (Details of Existing Infrastructure, Gap analysis, Proposal along with completion timeline.)**	31.03.2020	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site.	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site. • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		31.03.2021	• Strengthening of Solid Waste Management Disposal Site is being done.	• Strengthening of Solid Waste Management Disposal Site is being done. (Continuous

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
				process). • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		Continuous activity.	• Sign Board for prohibition of disposal of municipal plastic, bio- medical wastes and other wastes has been displayed at different locations within municipality area. Fitting fixing of wire mesh to protect plastic flow work at four feeder point is going on. Source segregation of different types of wastes is carried out involving women SHGs.	• Continuous activity. -
5.5	**Latest Water Quality of Polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.**	Continuous activity	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State.	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State. The month wise latest analytical report in

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
				respect of BOD values for the six identified polluted river stretches are at **Annexure-2**.
5.6	**Preventing Dumping of waste and scientific waste management including Bio Medical waste and decentralizing waste processing including waste generated from Hotels and ashrams etc.**	31.03.2021	• Dumping of solid wastes is strictly prohibited in river and river stretches by using bylaws. Trainings to all healthcare workers and others, involved in handling of bio-medical waste have been provided at the time of induction. Strict monitoring are being done by the Health department as well as Tripura State Pollution Control Board so that no Bio medical wastes dumped into the river. • Amongst the Public Health Facilities, 03 state level hospitals namely GBP Hospital, IGM Hospital & Cancer hospital have their own incinerator. Other Public Health Facilities are managing the biomedical waste through disinfection, deep burial & sharp pits. • However, one CBWTF Operator has been	• Continuous activity. • Civil construction is going on for setting up of CBWTF at Agartala.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			selected by Health & Family Welfare Department, Govt. of Tripura through open tendering through e-Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. Environment Clerance (EC), CTE & BMW Authorisation Certificate has already been issued in favour of the said project. The concerned agency has been instructed to expedite the process for infrastructure development as well as setting up of the facility at an early date.	
5.7	**Ground Water regulation**	Continuous activity	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
		Continuous activity.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of said River. • Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of this River. • Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.
5.8	**Adopting good irrigation practice**	Continuous activity	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.
5.9	**Protection and Management of Flood Plain Zone (FPZ)**	Continuous activity	• Bamboo Plantation on sides of the river banks has been done in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river.	• Bamboo Plantation on sides of the river banks has been done in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river. • The status report of river bank plantation and installation of

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
				check dam has been annexed as **(Annexure-5).**
			• Regular monitoring is going on to check illegal encroachment.	• Regular monitoring is going on to check illegal encroachment.
5.10	Rain Water Harvesting	Continuous activity	• All the industries using in the catchment areas responsible for using ground water for industrial purpose is directed to construct rain water harvesting plant and the compliance has been ensured.	• Rain water harvesting plant has been constructed by almost all the concerned units. • A comprehensive Rain water harvesting plan has submitted to CPCB. • In the new Building Rules, the roof top Rain Water Harvesting system have been included for all new building.
5.11	**Environmental Flow (E-Flow)**	31.03.2022	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after installation.	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after installation.
5.12	**Plantation on both sides of the river**	31.03.2020	• Extensive river side plantation has been carried out on both sides of the river.	• Extensive river side plantation has been carried out on both sides of the river.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.13	**Setting up of Bio diversity parks on flood plains by removing encroachments.**	31.03.2022	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.
5.14	**Awareness Generation**	Continuous activity	• Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies on continuous basis.	• Continuous activity.

Name of River: THE KHOWAI RIVER (ALONG TELIAMURA)

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. <u>All the major drains have been identified.</u> **<u>(Annexure-4).</u>** • A comprehensive action plan is prepared for 100%	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. • All the major drains have been identified. • Tender has been invited for engagement of survey consultants to prepare baseline information for

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			sewage Management in the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB. • Finalization of technical specifications/tender documents for installation of 15 Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity for 15 ULBs are going on and will be completed shortly.	pollution abatement of storm drains through in situ bio remediation in 20 ULBs in Tripura. Evaluation of this tender is going on. After completion of base line study of each drains (length, widths, flow, discharge etc.) tender will be floated by UDD for each ULBs for execution of in situ bio remediation works. • The technical specifications of Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity has been finalized and uploaded in the website of UDD. The identification of the land is going on by each ULBs for setting up of ***FSTPs.*** The work will be completed by next one month. After identification of land by ULBs the tender will be floated for its execution. • A comprehensive action plan is prepared for 100% sewage Management for the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB and all concerned for effective implementation.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
	Commencement of setting up of STPs and Connecting all the drains and other sources of generation of sewage to the STPs must be ensured	31.03.2022	• The ULBs have identified the drains Bio-remediation work. • As per the State Strategy and directives of Hon'ble NGT, UDD is to adopt bio-remediation/ phyto-remediation technology only to reduce pollution. No STP will be proposed to construct for liquid waste management.	• Work is in progress.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	• All works will be completed by 31.03.2022.	• Necessary efforts are being taken by the concerned department.
3	**Chief secretaries may set up appropriate monitoring mechanism at state level. Specifying accountability of nodal Authorities not below the secretary level. Chief may have an accountable person attached in their office for this purpose.**	Continuous activity	• State level committee has been notified under the chairmanship of Chief Secretary to Monitor the overall progress of the compliance. The review meeting is being conducted by the Chief Secretary every month. • In addition, River Rejuvenation Committee (RRC) has been constituted to look after the progress of the implementation of the action plan for restoration of the river stretches. The RRC met every month to review the progress on action plan for restoration of the river stretches. The	• The committee's are monitoring the overall progress of implementation of the action plan.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			last meeting was held on 25.08.2020. • A District level committee has been constituted which is also known as District Task Force for overall monitoring of the implementation of the action plan. The DMs are conducting meeting on regular basis.	
	Monitoring at state level must take place	Fortnightly commencing 21.12.2019	• State level committee meeting under the Chairmanship of the Chief Secretary have been conducted monthly to monitor the overall progress at the state level and River Rejuvenation Committee (RRC) also holding meeting regularly.	• Continuous process.
4	**Progress report may be furnished by the states/UTs to** • **Secretary, Ministry of Jal Shakti** • **Member Secretary, CPCB**	Monthly (Preferably before 20th of every month)	• Monthly progress report (MPR) are being sent to NMCG with a copy to CPCB every month. The last MPR have been sent to NMCG on 27.08.2020.	• MPR are being sent to NMCG with a copy to CPCB on regular basis.
5.1	**Identification of polluting sources including drains contributing to**	31.03.2021	• Identification of the industries located in and around 500 meters of the river stretches has been completed. • All industries have been	• Regular monitoring are being conducted by Tripura State Pollution Control Board.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
	river pollution and action as per NGT order on in-situ treatment.		identified. • Direction has been issued to defaulting industries for compliance of the environmental norms. • Drains have been identified. Wire mesh has been installed in all major drains.	
5.2	**Status of STPs, I & D and sewerage Networks**	31.03.2022	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.
5.3	**Status of CETPs** **Details of existing CETP and ETP infrastructure, gap analysis proposed with completion timeline, No. of industries and complying status.**	31.03.2022	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. • **CETP:** CETP is not required for this river	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			stretches as the water quality is under prescribed standard.	• Direction has been issued to the defaulting units for necessary compliance
5.4	**Status of Solid Waste Management and details of processing facilities (Details of Existing Infrastructure, Gap analysis, Proposal along with completion timeline.)**	31.03.2020	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site.	• Door to Door Collection has been started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site. • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		31.03.2021	• Strengthening of Solid Waste Management Disposal Site is being done.	• Strengthening of Solid Waste Management Disposal Site is being done. (Continuous process). • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		Continuous	• Sign Board for prohibition	• Continuous activity.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
		activity.	of disposal of municipal plastic, bio- medical wastes and other wastes has been displayed at different locations within municipality area. Fitting fixing of wire mesh to protect plastic flow work at four feeder point is going on. Source segregation of different types of wastes is carried out involving women SHGs**.**	-
5.5	**Latest Water Quality of Polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.**	Continuous activity	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State.	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-2.**

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.6	**Preventing Dumping of waste and scientific waste management including Bio Medical waste and decentralizing waste processing including waste generated from Hotels and ashrams etc.**	31.03.2021	• Dumping of solid wastes is strictly prohibited in river and river stretches by using bylaws. Trainings to all healthcare workers and others, involved in handling of bio-medical waste have been provided at the time of induction. Strict monitoring are being done by the Health department as well as Tripura State Pollution Control Board so that no Bio medical wastes dumped into the river. • Amongst the Public Health Facilities, 03 state level hospitals namely GBP Hospital, IGM Hospital & Cancer hospital have their own incinerator. Other Public Health Facilities are managing the biomedical waste through disinfection, deep burial & sharp pits. • However, one CBWTF Operator has been selected by Health & Family Welfare Department, Govt. of Tripura through open tendering through e-	• Continuous activity. • Civil construction is going on for setting up of CBWTF at Agartala.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. Environment Clerance (EC), CTE & BMW Authorisation Certificate has already been issued in favour of the said project. The concerned agency has been instructed to expedite the process for infrastructure development as well as setting up of the facility at an early date.	
5.7	**Ground Water regulation**	Continuous activity	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.
		Continuous activity.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of said River. • Many of the units have also submitted the declarations	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of this River. • Many of the units have

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			along with the NOC from Central Ground Water Authority.	also submitted the declarations along with the NOC from Central Ground Water Authority.
5.8	**Adopting good irrigation practice**	Continuous activity	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.
5.9	**Protection and Management of Flood Plain Zone (FPZ)**	Continuous activity	• Bamboo Plantation on sides of the river banks has been done in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river.	• Bamboo Plantation on sides of the river banks has been done in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river. • The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-5).**
			• Regular monitoring is going on to check illegal encroachment.	• Regular monitoring is going on to check illegal encroachment.
5.10	Rain Water Harvesting	Continuous activity	• All the industries using in the catchment areas responsible for using	• Rain water harvesting plant has been constructed by almost

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
			ground water for industrial purpose is directed to construct rain water harvesting plant and the compliance has been ensured.	all the concerned units. • A comprehensive Rain water harvesting plan has submitted to CPCB. • In the new Building Rules, the roof top Rain Water Harvesting system have been included for all new building.
5.11	**Environmental Flow (E-Flow)**	31.03.2022	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after installation.	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after installation.
5.12	**Plantation on both sides of the river**	31.03.2020	• Extensive river side plantation has been carried out on both sides of the river.	• Extensive river side plantation has been carried out on both sides of the river.
5.13	**Setting up of Bio diversity parks on flood plains by removing encroachments.**	31.03.2022	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.14	**Awareness Generation**	Continuous activity	• Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies on continuous basis.	• Continuous activity.

Name of River : THE MANU RIVER (ALONG KAILASAHAR)

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. <u>All the major drains have been identified.</u> **<u>(Annexure-4).</u>** • A comprehensive action plan is prepared for 100% sewage Management in the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB. • Finalization of technical specifications/tender documents for installation	• All the ULBs have been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. • All the major drains have been identified. • Tender has been invited for engagement of survey consultants to prepare baseline information for pollution abatement of storm drains through in situ bio remediation in 20 ULBs in Tripura. Evaluation of this tender is going on. After completion of base line study of each drains (length, widths, flow, discharge etc.) tender

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			of 15 Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity for 15 ULBs are going on and will be completed shortly.	will be floated by UDD for each ULBs for execution of in situ bio remediation works. • The technical specifications of Faecal Sludge Treatment Plants (***FSTPs***) of 600 KLD capacity has been finalized and uploaded in the website of UDD. The identification of the land is going on by each ULBs for setting up of ***FSTPs.*** The work will be completed by next one month. After identification of land by ULBs the tender will be floated for its execution. • A comprehensive action plan is prepared for 100% sewage Management for the state and submitted to concerned Authority for approval. After approval, it will be submitted to CPCB and all concerned for effective implementation.
	Commencement of setting up of STPs and Connecting all the drains and other sources of generation of sewage to the STPs must be	31.03.2022	• The ULBs have identified the drains Bio-remediation work. • As per the State Strategy and directives of Hon'ble NGT, UDD is to adopt bio-remediation/ phyto-remediation technology only to reduce pollution. No STP will be proposed to construct for liquid waste management.	• Work is in progress.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
	ensured			
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	• All works will be completed by 31.03.2022.	• Necessary efforts are being taken by the concerned department.
3	**Chief secretaries may set up appropriate monitoring mechanism at state level. Specifying accountability of nodal Authorities not below the secretary level. Chief may have an accountable person attached in their office for this purpose.**	Continuous activity	• State level committee has been notified under the chairmanship of Chief Secretary to Monitor the overall progress of the compliance. The review meeting are being conducted by the Chief Secretary every months. • In addition, River Rejuvenation Committee (RRC) has been constituted to look after the progress of the implementation of the action plan for restoration of the river stretches. The RRC met every month to review the progress on action plan for restoration of the river stretches. The last meeting was held on 25.08.2020. • A District level committee has been constituted which is also known as District Task Force for	• The committee's are monitoring the overall progress of implementation of the action plan.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			overall monitoring of the implementation of the action plan. The DMs are conducting meeting on regular basis.	
	Monitoring at state level must take place	Fortnightly commencing 21.12.2019	• State level committee meeting under the Chairmanship of the Chief Secretary have been conducted monthly to monitor the overall progress at the state level and River Rejuvenation Committee (RRC) also holding meeting regularly.	• Continuous process.
4	**Progress report may be furnished by the states/UTs to** • **Secretary, Ministry of Jal Shakti** • **Member Secretary, CPCB**	Monthly (Preferably before 20th of every month)	• Monthly progress report (MPR) are being sent to NMCG with a copy to CPCB every month. The last MPR have been sent to NMCG on 27.08.2020.	• MPR are being sent to NMCG with a copy to CPCB on regular basis.
5.1	**Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment.**	31.03.2021	• Identification of the industries located in and around 500 meters of the river stretches has been completed. • All industries have been identified. • Direction has been issued to defaulting industries for compliance of the environmental norms. • Drains have been	• Regular monitoring are being conducted by Tripura State Pollution Control Board.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			identified. Wire mesh has been installed in all major drains.	
5.2	**Status of STPs, I & D and sewerage Networks**	31.03.2022	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.	• As the BOD values of the river water and river stretches are within prescribed standard limit, all the ULBs are communicated for installation of FSTP. • In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains.
5.3	**Status of CETPs** **Details of existing CETP and ETP infrastructure, gap analysis proposed with completion timeline, No. of industries and complying status.**	31.03.2022	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. • **CETP:** CETP is not required for this river stretches as the water quality is under prescribed standard.	• **ETP:** Direction has been issued by the Tripura State Pollution Control Board to all industrial units situated at the catchment areas of the river for installation of ETP. ETP has been constructed in almost all the industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. • Direction has been issued to the defaulting units for necessary compliance
5.4	**Status of Solid Waste**	31.03.2020	• Door to Door Collection has been started	• Door to Door Collection has been

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
	Management and details of processing facilities (Details of Existing Infrastructure, Gap analysis, Proposal along with completion timeline.)		involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site.	started involving women SHGs . The collected wastes after source segregation are transported to Solid waste processing site. • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		31.03.2021	• Strengthening of Solid Waste Management Disposal Site is being done.	• Strengthening of Solid Waste Management Disposal Site is being done. (Continuous process). • Initiatives have been taken for setting up of tertiary treatment plant. Tender process is going on.
		Continuous activity.	• Sign Board for prohibition of disposal of municipal plastic, bio- medical wastes and other wastes has been displayed at different locations within municipality area. Fitting fixing of wire mesh to protect plastic flow work at four feeder point is going on. Source segregation of different types of wastes is carried out involving women SHGs.	• Continuous activity. -

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.5	**Latest Water Quality of Polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.**	Continuous activity	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State.	• Tripura State Pollution Control Board (TSPCB) is conducting water quality monitoring on monthly basis under National Water Quality Monitoring Programme (NWMP) of Central Pollution Control Board for the following six identified polluted river and river stretches in the State. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-2.**
5.6	**Preventing Dumping of waste and scientific waste management including Bio Medical waste and decentralizing waste processing including waste generated from Hotels and ashrams etc.**	31.03.2021	• Dumping of solid wastes is strictly prohibited in river and river stretches by using bylaws. Trainings to all healthcare workers and others, involved in handling of bio-medical waste have been provided at the time of induction. Strict monitoring are being done by the Health department as well as Tripura State Pollution Control Board so that no Bio medical wastes dumped into the river.	• Continuous activity. • Civil construction is going on for setting up of CBWTF at Agartala.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
			• Amongst the Public Health Facilities, 03 state level hospitals namely GBP Hospital, IGM Hospital & Cancer hospital have their own incinerator. Other Public Health Facilities are managing the biomedical waste through disinfection, deep burial & sharp pits. • However, one CBWTF Operator has been selected by Health & Family Welfare Department, Govt. of Tripura through open tendering through e-Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. Environment Clerance (EC), CTE & BMW Authorisation Certificate has already been issued in favour of the said project. The concerned agency has been instructed to expedite the process for infrastructure development as well as setting up of the facility at an early date.	

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	As on August, 2020
5.7	**Ground Water regulation**	Continuous activity	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.	• Assessment of Ground water in all the identified locations has been done by the Tripura State Pollution Control Board on a regular basis. • So far, there is no contamination observed.
		Continuous activity.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of said River. • Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.	• Direction has been issued to obtain the NOC from Central Ground Water Authority to all the Industrial units located in the catchment areas of this River. • Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.
5.8	**Adopting good irrigation practice**	Continuous activity	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.	• Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the catchment areas of the River.
5.9	**Protection and Management of Flood Plain Zone**	Continuous activity	• Bamboo Plantation on sides of the river banks has been done in	• Bamboo Plantation on sides of the river banks has been done

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
	(FPZ)		collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river.	in collaboration with Forest Department, Tripura. Target achieved 100%. • Check dam has been installed to maintain the E-flow of the river. • The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-5).**
			• Regular monitoring is going on to check illegal encroachment.	• Regular monitoring is going on to check illegal encroachment.
5.10	Rain Water Harvesting	Continuous activity	• All the industries using in the catchment areas responsible for using ground water for industrial purpose is directed to construct rain water harvesting plant and the compliance has been ensured.	• Rain water harvesting plant has been constructed by almost all the concerned units. • A comprehensive Rain water harvesting plan has submitted to CPCB. • In the new Building Rules, the roof top Rain Water Harvesting system have been included for all new building.
5.11	**Environmental Flow (E-Flow)**	31.03.2022	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be maintained monthly basis after	• Tender has been invited for installation of digital e-flow meter to monitor the minimum discharge during lean period and records to be

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status	
			As on July,2020	**As on August, 2020**
			installation.	maintained monthly basis after installation.
5.12	**Plantation on both sides of the river**	31.03.2020	• Extensive river side plantation has been carried out on both sides of the river.	• Extensive river side plantation has been carried out on both sides of the river.
5.13	**Setting up of Bio diversity parks on flood plains by removing encroachments.**	31.03.2022	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.	• Extensive river side plantation has been carried out on both sides of the river. • Proper monitoring is being done by Concerned District administration to prohibit any kind of illegal encroachment in the river stretches.
5.14	**Awareness Generation**	Continuous activity	• Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies on continuous basis.	• Continuous activity.

Annexure-I

Minutes of the meeting of River Rejuvenation Committee, Tripura held on 25/08/2020 at 3.30 pm in the Chamber of the Director, Science, Technology & Environment Department, Government of Tripura

The meeting of River Rejuvenation Committee, Tripura held on 25/08/2020 at 3.30 pm in the Chamber of the Director, Science, Technology & Environment Department. The following officials were attended the meeting.

i) Sri Animesh Das, Director, Science, Technology & Environment Department, Government of Tripura.
ii) Sri S. K. Sarkar, Joint Director, Department of I&C, Government of Tripura [Represented Director, Department of I&C]
iii) Sri Bishu Karmakar, Member Secretary, Tripura State Pollution Control Board
iv) Sri Sutanu Sen, Urban Development Department, Government of Tripura [Represented Director, Urban Development Department]

2. The minutes of the 4th meeting of the Central Monitoring Committee regarding 351 polluted stretches based on the directions of Hon'ble NGT in the matter OA No. 673 of 2018 held on 30/07/2020 at 10.30 am under the Chairmanship of Secretary, Department of Water Resources, RD & GR, Ministry of Jal Shakti were discussed thoroughly.

3. National Mission for Clean Ganga (NMCG) requested to submit the following in connection with STPs/CETPs of the State:

i) Number and details (STP/ industrial pollution projects, capacity, interception and diversion, sewer network) of projects sanctioned.
ii) Number of projects tendered, out of those sanctioned prior to January 2020.
iii) Number of project awarded, out of those tendered prior to January 2020.
iv) Number of projects under- construction, after their award, out of those whose contract was signed prior to January 2020.
v) Number of project completed, out of those which were under construction prior to January 2020.
vi) Number of project commissioned, out of those which were completed prior to January 2020.
vii) Number of non- operational STPs/CETPs made operational and their capacity.
viii) Development of active monitoring of observation of STPs.
ix) Achievement in respect of reuse of treated wastewater/ policy for reuse of treated wastewater/ groundwater regulation/ afforestation etc.

4. 5th meeting of Central Monitoring Committee in the NGT matter of OA No. 673/2018 is scheduled to be held on 31/08/2020 at 3rd slot (3.30 PM to 5.30 PM) under the Chairmanship of Secretary, Secretary, Department of Water Resources, RD & GR, Ministry of Jal Shakti, Government of India to review the progress made by States on Action Plans and monthly progress report.

5. The representative of the Urban Development Department, Govt. of Tripura has informed that tender for Bio-remediation of 5 drains in Agartala has been completed. Through survey, they have identified 210 nos. of drains all over the state. Now, primary survey is going on for preparation of Baseline data. Thereafter, they will take initiative for bio remediation of all the drains.

ad

6. After threadbare discussions the following decisions were taken:

i) The Urban Development Department may be requested to provide the information in connection with details of STPs/CETPs of the State in terms of number of projects tendered, awarded and under construction etc. to TSPCB within 27/08/2020 for onward transmission to NMCG.

ii) All the members of RRC, Tripura will attend the 5th meeting of Central Monitoring Committee in the NGT matter of OA No. 673/2018 regarding review of Action Plan and Monthly Progress Report scheduled to be held on 31/08/2020 at 3rd slot (3.30 PM to 5.30 PM) through VC at the Conference Hall of Tripura State Pollution Control Board. TSPCB may issue a notice in this regard.

iii) The monthly progress report on implementation of Action plan for rejuvenation of identified 6 (six) polluted river stretches may be provided to the NMCG in the prescribed format.

iv) All concerned Department and ULBs may be requested to provide the ATR on implementation of Action Plan for restoration of 6 (six) identified river stretches. The report should reflect the periodic progress on implementation of the action plan.

The meeting ended with thanks to the chair.

27/08/2020

(Animesh Das)
Director, Science, Technology & Environment,
Government of Tripura &
Chairman, River Rejuvenation Committee, Tripura

No.F.19(7)/TSPCB/RRC/2020 (10539-41) **August 25, 2020**

To
.....
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Copy to the :
i) PPS to Chief Secretary, Tripura for kind information of Chief Secretary.
ii) PS to the Secretary, Science, Technology & Environment Department, Government of Tripura for kind information of Secretary.

ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM BURIGAON RIVER (AUGUST, 2020)

Sl. No	Parameters	B-1	B-2	B-3
7.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.28	0.88	1.56
8.	Total Coliform (MPN/100)	220	150	220
9.	Fecal Coliform (MPN/100)	58	32	47

Site of Collection:

B-1: Burigaon River at Bishalgarh.

B-2: Up Stream of Burigaon River at Bishalgarh.

B-3: Down Stream of Burigaon River at Bishalgarh.

Rajib Paul. 21/09/2020.
(Rajib Paul)
Jr. Scientific Assistant
TSPCB, Agartala.

Annexure-2

ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM GUMTI RIVER (AUGUST, 2020)

Sl. No	Parameters	G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11	G-12	G-13	G-14	G-15	G-16	G-17	G-18
7.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.22	0.92	1.54	2.08	1.58	1.36	1.54	1.12	1.86	1.06	0.56	0.94	1.38	1.08	1.12	1.78	1.26	1.44
8.	Total Coliform (MPN/100)	210	150	150	240	170	210	170	120	150	170	110	150	120	94	94	140	110	110
9.	Fecal Coliform (MPN/100)	70	46	58	63	41	47	49	23	48	58	58	58	32	26	26	47	33	48

Site of Collection: G-1: Gomti River at Jatanbari, G-2: Upstream Gomti River at Jatanbari, G-3: Downstream of Gomti River at Jatanbari, G-4: Gomti River at Sonamura, G-5: Upstream of Gomti River at Sonamura, G-6: Downstream of Gomti River at Sonamura, G-7: Gomti River at Rajdharnagar, G-8: Upstream of Gomti River at Rajdharnagar, G-9: Downstream of Gomti River at Rajdharnagar, G-10: Gomti River at Amarpur, G-11: Upstream of Gomti River at Amarpur, G-12: Downstream of Gomti River at Amarpur, G-13: Gomti River at Tirthamukh, G-14: Upstream of Gomti River at Tirthamukh, G-15: Downstream of Gomti River at Tirthamukh, G-16: Gomti River at Subhashsetu, G-17: Upstream of Gomti River at Subhashsetu, G-18: Downstream of Gomti River at Subhashsetu.

Rajib Paul. 21/09/2020.

(Rajib Paul)
Jr. Scientific Assistant
TSPCB, Agartala.

ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM HAORA RIVER (AUGUST, 2020)

Sl. No	Parameters	G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11	G-12	G-13	G-14	G-15
1.	Bio-Chemical Oxygen Demand (BOD) mg/l	1.72	1.34	1.38	1.98	1.26	2.32	1.56	1.32	1.74	1.36	1.08	1.22	1.36	1.08	1.44
2.	Total Coliform (MPN/100)	170	120	150	280	210	280	170	150	150	150	130	150	150	94	94
3.	Fecal Coliform (MPN/100)	26	21	21	70	47	58	58	41	48	41	38	47	58	27	27

Site of Collection: G-1: Haora River at Chandrapur, G-2: Upstream Haora River at Chandrapur, G-3: Downstream of Haora River at Chandrapur, G-4: Haora River at Dashamighat, G-5: Upstream of Haora River at Dashamighat, G-6: Downstream of Haora River at Dashamighat, G-7: Haora River at Aralia, G-8: Upsteram of Haora River at Aralia, G-9: Downstream of Haora River at Aralia, G-10: Haora River at Kalabagan, G-11: Upstream of Haora River at Kalabagan, G-12: Downstream of Haora River at Kalabagan, G-13: Haora River at Joynagar, G-14: Upstream of Haora River at Joynagar, G-15: Downstream of Haora River at Joynagar.

Rajib Paul. 21/09/2020.
(Rajib Paul)
Jr. Scientific Assistant
TSPCB, Agartala.

ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM MANU RIVER (AUGUST, 2020)

Sl. No	Parameters	B-1	B-2	B-3
7.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.22	0.84	1.36
8.	Total Coliform (MPN/100)	84	58	110
9.	Fecal Coliform (MPN/100)	33	17	47

Site of Collection:

B-1: Manu River at Kailasahar.

B-2: Up Stream of Manu River at Kailasahar.

B-3: Down Stream of Manu River at Kailasahar.

Rajib Paul.
21/09/2020.
(Rajib Paul)
Jr. Scientific Assistant
TSPCB, Agartala.

ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM KHOWAI RIVER (AUGUST, 2020)

Sl. No	Parameters	G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11	G-12
7.	Bio-Chemical Oxygen Demand (BOD) mg/l	1.28	0.98	1.56	1.14	0.86	1.48	1.44	1.02	1.26	1.12	0.84	1.38
8.	Total Coliform (MPN/100)	110	58	110	140	63	84	110	63	94	84	47	58
9.	Fecal Coliform (MPN/100)	38	25	38	58	27	27	38	25	32	32	17	17

Site of Collection: G-1: Khowai River at Trishabari, G-2: Upstream of Khowai River at Trishabari, G-3: Downstream of Khowai River at Trishabari, G-4: Khowai River at Kumari Madhuti setu, G-5: Upstream of Kumari Madhuti setu, G-6: Downstream of Kumari Madhuti setu, G-7: Khowai River at Chakmaghat, G-8: Upstream of Khowai River at Chakmaghat, G-9: Downstream of Khowai River at Chakmaghat, G-10: Khowai River at Karailong, G-11: Upstream of Khowai River at Karailong, G-12: Downstream of Khowai River at Karailong.

Rajib Paul
21/09/2020
(Rajib Paul)
Jr. Scientific Assistant
TSPCB, Agartala.

ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM JURI RIVER (AUGUST, 2020)

Sl. No	Parameters	B-1	B-2	B-3
7.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.26	0.58	0.74
8.	Total Coliform (MPN/100)	120	79	63
9.	Fecal Coliform (MPN/100)	58	31	21

Site of Collection:

B-1: Juri River at Krishnapur.

B-2: Up Stream of Juri River at Krishnapur.

B-3: Down Stream of Juri River at Krishnapur.

Rajib Paul
21/09/2020
(Rajib Paul)
Jr. Scientific Assistant
TSPCB, Agartala.

Annexure-3

GOVERNMENT OF TRIPURA
DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT
BIGYAN, PRAJUKTI O PARIVESH BHAWAN
GORKHABASTI: P.N.COMPLEX
AGARTALA:TRIPURA.

F.4(1)/DSTE/CC/Pt-III/ 1577-82 Dated 17 / 03 /2020

MEMORANDUM

In accordance with the discussions held in the 2nd meeting of the Central oring Committee in the NGT matter of O.A. No.673 of 2018, The Member tary, Tripura State Pollution Control Board (TSPCB) is hereby nominated dal Officer for submission of Monthly Progress Report(MPR) to concerned rities in connection with implementation of restoration plan of the fied polluted river stretches of Tripura and also for coordination with nal Mission for Clean Ganga (NMCG) in this regard.

17/3/2020

(Animesh Das)
Additional Secretary
to the Government of Tripura

The Member Secretary, Tripura State pollution Control Board.

to :

1. The PPS to the Chief Secretary, Govt. of Tripura
2. The Secretary, DSTE, Govt. of Tripura

also forwarded to : The Secretary, Ministry of Jal Shakti, 1st Floor, major n Chand National Stadium, India gate, New Delhi-110002 for kind nation.

Annexure – 4

Urgent
Compliance of NGT Order

GOVERNMENT OF TRIPURA
DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT
BIGYAN, PRAJUKTI O PARIVESH BHAWAN
GORKHABASTI: P.N.COMPLEX
AGARTALA:TRIPURA

.F.11(94)/DSTE/CC/Pt-III/ 1583-1607 Dated 17/ 03 /2020

MEMO

Hon'ble National Green Tribunal, Principal Bench, New Delhi has ıssed several Orders in O.A.No.673 of 2018 for restoration of the identified ollıted river stretches.

Hon'ble National Green Tribunal has also constituted "Central onitoring Committee" under the Chairmanship of Secretary, Department of 'ater Resources, RD&GR, Ministry of Jal Shakti, Govt. of India for ıonotoring/looking after the issue.

The 2nd meeting of Central Monitoring Committee in the NGT Matter ıA No.673 of 2018 was held on 19.02.2020 at 10.30 AM at Conference Hall, linistry of Jal Shakti, Govt. of India.

A copy of minutes of the said meeting received from the National lission for Clean Ganga, Department of Water Resources, River)evelopment & Ganga Rejuvenation, Ministry of Jal Shakti, Govt. of India ide Office Memorandum No.Legal/OA673/2018/NMCG/2019 dated 17.02.2020 is enclosed herewith for your kind information & necessary ıction for compliance. A copy of the e-mail received from the National Mission for Clean Ganga (NMCG) along with report of Monitoring Committee egarding in situ bioremediation/ phyto remediation of sewage in drains is also enclosed herewith for your information and necessary action.

In this context, all concerned are requested to send action taken report to the Member Secretary, Tripura State Pollution Control Board on regular basis for preparation and submission of Monthly Progress Report to CPCB & Ministry of Jal Shakti, Govt. of India as per directions of Hon'ble NGT.

(Animesh Das)
Director, DSTE
Govt. of Tripura
(Chairman, RRC)

Enclo : as stated

To

1. The Director, Urban Development Department, Agartala.
2. The Municipal Commissioner, ADC, Agartala.
3. The Chief Executive Officer,
   Ambassa/Belonia/Dharmanagar/Bishalgarh/Kailasahar/Khowai/
   Kumarghat/Melaghar/Mohanpur/Ranirbazar/Santirbazar/Teliamura/
   Udaipur Municipal Council, Tripura.
4. The Executive Officer,
   Panisagar/Kamalpur/Jirania/Sonamura/Amarpur/Sabroom Nagar
   Panchayat, Tripura.

Copy for kind information to:

1. The PPS to the Chief Secretary, Govt. of Tripura for kind information.
2. The P.S to the Secretary, UDD, Govt. of Tripura for kind information.
3. The P.S to the Secretary, STE, Govt. of Tripura for kind information.
4. The Member Secretary, TSPCB [MS, RRC], Agartala for kind information.

(Animesh Das, IAS)
Director, DSTE
(Chairman, RRC)

Annexure-5

(36)

Status of greenery development/ soil & moisture conservation works to be undertaken by Forest Department, as per Action Plan for polluted river stretches in the State for the financial year 2020 – 2021 as on 31-07-2020

Name of River	District	Block Plantation (Ha)			River bank Plantation (Km)			Check dam Target (nos)	Check dam Achievement (nos)	Remarks
		Target	Achievement	Remarks	Target	Achievement	Remarks			
Burigaon	Sepahijala	182	107	Work under progress	8	8	Work completed	10	8	Work will be completed after rainy season
Gumti	Gumti	398	273	Work under progress	50	47	Work under progress	15	0	
Haora	West	178	178	Work completed	8	8	Work completed	8	8	
Juri	North	26	26	Work completed	15	2	Work under progress	12	0	
Khowai	Khowai	419	343	Work under progress	12	12	Work completed	12	12	
Manu	Unakoti	94	0	Work will be initiated soon	8	6	Work under progress	10	0	
Total		**1,297**	**927**		**101**	**83**		**67**	**28**	

Signed by—

(Somab Debbarma,
LDC, Dated,

Section