TRIPURA STATE POLLUTION CONTROL BOARD

(A Govt. of Tripura Organisation)

No.F.19 (7)/TSPCB/RRC/ 5732-35 **June** 02 **,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 March & April, 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 March & April, 2020 in the prescribed format for kind information.

Yours Sincerely,

2.6.2020

(Bishu Karmakar)
Member Secretary

Enclosed: as stated

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 FOR THE MONTH OF March & April, 2020 IN 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 as mentioned under 30 above. 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.
- Due to **COVID-19** pandemic, the monthly progress report on implementation of the action plan for the month of March 2020 was not submitted in due time. Now, monthly progress report for both the months i.e. March & April 2020 is prepared.
- 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-1).**
- 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 – 2).**

- 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
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	A Detailed Project Report for Installation of Sewage Treatment Plant having capacity of 4 MLD at Bishalgarh Municipal Council areas is being formulated for submission to concerned Ministry, Government of India. However, all the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. All the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**
	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	Channelization including diversion of sewage generated from household townships to sewer lines /interception of all the drains presently carrying sewage and for ensuring proper treatment through the upcoming STPs will be done after installation of STP.
2	**Time line for completing all steps of action**	31.03.2022	All the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	plans including completion of setting up of STPs and their commissioning		standard. In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**
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. In addition, a committee has been constituted namely the River Rejuvenation Committee (RRC) to look after the progress of the implementation of the action plan for restoration of the river stretches. 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
	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.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status
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 will be sent to Secretary, Ministry of Jal Shakti and Member Secretary, CPCB
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 all the industries located in and around 500 meters of the Burigaon river stretches has been done. A total of 38 small industries were found in the identified river stretches of Burigaon river. Identification of drains (if any) is being done by the district level monitoring committee. However, wire mesh has been installed in all the drains. Tripura is already declared as ODF state. So, no such Kachha Latrine are there to discharge the human excrita directly in the river water.
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 low cost STP.
5.3	**Status of CETPs** **Details of existing CETP and ETP infrastructure, gap analysis proposed with**	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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	completion timeline, No. of industries and complying status.		requirement of installation of ETP. **CETP:** CETP is not required in this specific river stretch as the BOD level is under the prescribed standard.
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.
		31.03.2021	Strengthening of Solid Waste Management Disposal Site is being done.
		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**.**
			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 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
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. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-1.**
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-Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. EC has 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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			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.
		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 Burigaon 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 Burigaon 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. The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-4).**
			Regular monitoring is going on to check illegal

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			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.
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.
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.
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 are 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 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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			and restoration of Burigaon river.

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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	A Detailed Project Report for Installation of Sewage Treatment Plant having capacity of 8 MLD at Udaipur for the three Urban local bodies such as Amarpur Nagar Panchayet, Udaipur Municipal Council and Sonamura Nagar Panchayet areas is being formulated for submission to concerned Ministry, Government of India. However, all the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	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	Channelization including diversion of sewage generated from household townships to sewer lines /interception of all the drains presently carrying sewage and for ensuring proper treatment through the upcoming STPs will be done after installation of STP.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	All the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**
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. In addition, a committee has been constituted namely the River Rejuvenation Committee (RRC) to look after the progress of the implementation of the action plan for restoration of the river stretches. 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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	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.
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 will be sent to Secretary, Ministry of Jal Shakti and Member Secretary, CPCB.
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 all the industries located in and around 500 meters of the Gomati river stretches has been done. A total of 24 small industries were found in the identified river stretches of Gumati river. Identification of drains (if any) is being done by the district level monitoring committee. However, wire mesh has been installed in all the drains under the Udaipur, Amarpur and Sonamura town. Tripura is already declared as ODF state. So, no such Kachha Latrine are there to discharge the human excreta directly in the river water.
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 low cost STP.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
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 specific river stretch as the BOD level is under the prescribed standard.
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 .
		31.03.2021	Strengthening of Solid Waste Management Disposal Site as cluster basis is being done.
		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**.**

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			Approximately 18.5 TDP solid waste has been generated under Udaipur Municipal Council, 6.1 TDP solid waste has been generated under Sonamura Nagar Panchayetl, 5.8 TDP solid waste has been generated under Amarpur Nagar Panchayet . All most all the Wards are being engaged with women SHGs for collection and segregation of solid wastes before further disposal into 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. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-1.**
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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			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. EC has 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.
		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 Burigaon 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 Gomati 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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			E-flow of the river. The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-4).**
		Continuous activity.	Regular monitoring is going on to check illegal encroachment.
5.10	**Rain Water Harvesting**	Continuous activity.	All the industries 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.
5.11	**Environmental Flow (E-Flow)**	Continuous activity.	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.
5.13	**Setting up of Bio diversity parks on flood plains by removing encroachments.**	Continuous activity.	Extensive river side plantation has been carried out on both sides of the river. Proper monitoring are 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
5.14	**Awareness Generation**	Continuous activity.	Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies. Mass awareness programme are organized by the students and teachers in the schools as well as within the villages near the river bank of Gumati river.

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
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	One STP of 8 MLD at Agartala is functional and meets the prescribed standard. The treated water is being reused for gardening and water sprinkling at the road side . A Sewage Treatment Plant (STP) of 8 MLD capacity will be installed in Akhaura ICP (International Check Post). DPR has been prepared. Tenders are invited and bid received from bidders. Tender finalized. Work under Progress. However, all the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. All the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	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	Channelization including diversion of sewage generated from household townships to sewer lines /interception of all the drains presently carrying sewage and for ensuring proper treatment through the upcoming STPs will be done after installation of STP. Work order issued for another 8 MLD STP at Agartala at tendered value of Rs 24.73 crore with funding from 10% Lumpsum Scheme & Smart City Mission.. 5 (Five) drains carrying 0.648 MLD sewage are being discharged into Haora river. As a part of Howrah River Front Development Project at a cost of Rs.99 Crore under Smart city mission, DPR is under preparation for in-situ sewage treatment for these 5 drains using CSIR NEERI developed RENEU (Restoration of Nallah with Ecological units) technology which uses phytoremediation, microbial consortia as well as physical operations. Tender likely to be published in June,2020 with estimated timeline of 01 year for completion of whole project.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	All the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
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. In addition, a committee has been constituted namely the River Rejuvenation Committee (RRC) to look after the progress of the implementation of the action plan for restoration of the river stretches. 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
	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.
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 will be sent to Secretary, Ministry of Jal Shakti and Member Secretary, CPCB
5.1	**Identification of polluting sources**	31.03.2021	Identification of all the industries located in and around 500 meters of the Haora river

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	including drains contributing to river pollution and action as per NGT order on in-situ treatment.		stretches has been done. A total of 97 small industries were found in the identified river stretches of Haora river. Identification of drains (if any) is being done by the district level monitoring committee. However, wire mesh has been installed in all the drains. Tripura is already declared as ODF state. So, no such Kachha Latrine are there to discharge the human excrita directly in the river water.
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 low cost STP.
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:** There is only one (01) CETP of 500 KLD capacities setup at Bodhjungnagar Industrial Complex in the State of Tripura. At present the plant is running smoothly. The CETP is connected with Effluent generating Units through common pipe line for transportation of Effluent to the plant for treatment purpose. Effluent is being treated in CETP at different stage so as to make the content of impurities up to a permissible limit as per guide line of Tripura State Pollution Control Board (TSPCB).

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			It is complying with the effluent standards.
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.
		31.03.2021	Strengthening of Solid Waste Management Disposal Site at Devendra Chandranagar, Agartala for effective solid waste management for Bishalgarh Municipal Council as cluster basis has been strengthened.
		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**.**
			Approximately 241.1 TDP solid waste has been generated under Agartala municipal Corporation, 7.2 TDP solid waste has been generated under Ranir Bazar municipal Council, 6.3 TDP solid waste has been generated under Jirania Nagar Panchayet . 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
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. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-1.**
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-Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. EC has 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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			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.
		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 Burigaon 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 Haora 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. The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-4).**
			Regular monitoring is going on to check illegal

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			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.
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.
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.
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 are 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. Awareness programmes has been organized by involving students of the different Schools for creating awareness about river water pollution. . School level awareness has been done through drama, science seminar and quiz competition for mass awareness generation and restoration of Haora river.

NAME OF RIVER : THE JURI RIVER (ALONG DHARMANAGAR)

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	A Detailed Project Report for Installation of Sewage Treatment Plant at middle point between Dharmanagar and Kailasahar Municipal area having capacity of 8 MLD is being formulated for submission to concerned Ministry, Government of India. However, all the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. All the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**
	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	Channelization including diversion of sewage generated from household townships to sewer lines /interception of all the drains presently carrying sewage and for ensuring proper treatment through the upcoming STPs will be done after installation of STP.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	All the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status
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. In addition, a committee has been constituted namely the River Rejuvenation Committee (RRC) to look after the progress of the implementation of the action plan for restoration of the river stretches. 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
	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.
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 will be sent to Secretary, Ministry of Jal Shakti and Member Secretary, CPCB
5.1	**Identification of polluting sources**	31.03.2021	Identification of all the industries located in and around 500 meters of the Juri river

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	including drains contributing to river pollution and action as per NGT order on in-situ treatment.		stretches has been done. A total of 5 small industries were found in the identified river stretches of Haora river. Identification of drains (if any) is being done by the district level monitoring committee. However, wire mesh has been installed in all the drains. Tripura is already declared as ODF state. So, no such Kachha Latrine are there to discharge the human excreta directly in the river water.
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 low cost STP.
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 specific river stretch as the BOD level is under the prescribed standard.
5.4	**Status of Solid Waste Management and details of processing facilities**	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 .
		31.03.2021	Strengthening of Solid Waste Management Disposal Site is being done.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	(Details of Existing Infrastructure, Gap analysis, Proposal along with completion timeline.)	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**.**
			Approximately 22.4 TDP solid waste has been generated under Dharmanagar municipal Council. All most all the Wards are being engaged with women SHGs for collection and segregation of solid wastes before further disposal into 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. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-1.**
5.6	**Preventing Dumping of waste and scientific waste management including Bio Medical waste and decentralizing**	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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	waste processing including waste generated from Hotels and ashrams etc.		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. EC has 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.
		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 Juri River. Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.
5.8	**Adopting good irrigation**	Continuous activity	Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	practice		catchment areas of Juri 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. The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-4).**
		Continuous activity	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.
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.
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.
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 are 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
5.14	**Awareness Generation**	Continuous activity	Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies. Awareness programmes has been organized by involving students of the different Schools for creating awareness about river water pollution. . School level awareness has been done through drama, science seminar and quiz competition for mass awareness generation and restoration of Juri river.

NAME OF RIVER: THE KHOWAI RIVER (ALONG TELIAMURA)

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	A Detailed Project Report for Installation of Sewage Treatment Plant having capacity of 8 MLD is being formulated for submission to concerned Ministry, Government of India. However, all the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. All the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3).**
	Commencement of setting up of STPs and Connecting all the drains and other sources of generation of	31.03.2022	Channelization including diversion of sewage generated from household townships to sewer lines /interception of all the drains presently carrying sewage and for ensuring proper treatment through the upcoming STPs

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	sewage to the STPs must be ensured		will be done after installation of STP.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	All the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**
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. In addition, a committee has been constituted namely the River Rejuvenation Committee (RRC) to look after the progress of the implementation of the action plan for restoration of the river stretches. 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
	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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status
			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 will be sent to Secretary, Ministry of Jal Shakti and Member Secretary, CPCB
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 all the industries located in and around 500 meters of the Khowai river stretches has been done. A total of 5 small industries were found in the identified river stretches of Khowai river. Identification of drains (if any) is being done by the district level monitoring committee. However, wire mesh has been installed in all the drains. Tripura is already declared as ODF state. So, no such Kachha Latrine are there to discharge the human excrita directly in the river water.
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 low cost STP.
5.3	**Status of CETPs** **Details of existing CETP and ETP**	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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	infrastructure, gap analysis proposed with completion timeline, No. of industries and complying status.		industries where ever required. Though, very small amount of industries have the requirement of installation of ETP. **CETP:** CETP is not required in this specific river stretch as the BOD level is under the prescribed standard.
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 .
		31.03.2021	Strengthening of Solid Waste Management Disposal Site is being done.
		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**.**
			Approximately 11.4 TDP solid waste has been generated under Teliamura municipal Council. All most all the Wards are being engaged with women SHGs for collection and segregation of solid wastes before further disposal into 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
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. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-1.**
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-Procurement for the whole State of Tripura to cater to all 126 Public Health Facilities having estimated 4319 beds. EC has 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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
			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.
		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 Khowai 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 Khowai 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. The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-4).**
			Regular monitoring is going on to check illegal encroachment.
5.10	Rain Water	Continuous	All the industries using in the catchment areas responsible for using ground water for

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	Harvesting	activity	industrial purpose is directed to construct rain water harvesting plant and the compliance has been ensured.
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.
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.
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 are 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. Awareness programmes has been organized by involving students of the different Schools for creating awareness about river water pollution. . School level awareness has been done through drama, science seminar and quiz competition for mass awareness generation and restoration of Khowai river.

NAME OF RIVER : THE MANU RIVER (ALONG KAILASAHAR)

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
1	**Ensure 100 % treatment of sewage at least in situ remediation**	31.03.2022	A Detailed Project Report (DPR) is being formulated for Installation of Sewage Treatment Plant having capacity of 8 MLD at middle point between Dharmanagar and Kailasahar Municipal area. However, all the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. All the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**
	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	Channelization including diversion of sewage generated from household townships to sewer lines /interception of all the drains presently carrying sewage and for ensuring proper treatment through the upcoming STPs will be done after installation of STP.
2	**Time line for completing all steps of action plans including completion of setting up of STPs and their commissioning**	31.03.2022	All the ULBs has been directed to construct low cost STPs as the water quality of all the six rivers and stretches are within prescribed standard. In addition, all the ULBs has been directed to adopt in-situ Bio-remediation and phyto remediation of sewage in drains. **(Annexure-3)**

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs- Compliance Status
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. In addition, a committee has been constituted namely the River Rejuvenation Committee (RRC) to look after the progress of the implementation of the action plan for restoration of the river stretches. 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
	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.
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 will be sent to Secretary, Ministry of Jal Shakti and Member Secretary, CPCB
5.1	**Identification of polluting sources**	31.03.2021	Identification of all the industries located in and around 500 meters of the Manu river

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	including drains contributing to river pollution and action as per NGT order on in-situ treatment.		stretches has been done. A total of 10 small industries were found in the identified river stretches of Manu river. Identification of drains (if any) is being done by the district level monitoring committee. However, wire mesh has been installed in all the drains. Tripura is already declared as ODF state. So, no such Kachha Latrine are there to discharge the human excrita directly in the river water.
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 low cost STP.
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 specific river stretch as the BOD level is under the prescribed standard.
5.4	**Status of Solid Waste Management and details of processing facilities**	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 .
		31.03.2021	Strengthening of Solid Waste Management Disposal Site is being done.

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	(Details of Existing Infrastructure, Gap analysis, Proposal along with completion timeline.)	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**.**
			Approximately 13.2 TDP solid waste has been generated under Kailashahar municipal Council. All most all the Wards are being engaged with women SHGs for collection and segregation of solid wastes before further disposal into 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. The month wise latest analytical report in respect of BOD values for the six identified polluted river stretches are at **Annexure-1.**
5.6	**Preventing Dumping of waste and scientific waste management including Bio Medical waste and decentralizing**	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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	waste processing including waste generated from Hotels and ashrams etc.		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. EC has 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.
		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 Manu River. Many of the units have also submitted the declarations along with the NOC from Central Ground Water Authority.
5.8	**Adopting good irrigation**	Continuous activity	Generation of mass awareness to conserve water and also for good irrigation practices is being carried out by the farmers in the

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by the State/UTs-Compliance Status
	practice		catchment areas of Manu 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. The status report of river bank plantation and installation of check dam has been annexed as **(Annexure-4).**
		Continuous activity	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.
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.
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.
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 are 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
5.14	**Awareness Generation**	Continuous activity	Extensive awareness activities are going on involving Eco Club Schools, NGOs and representatives of Urban Local Bodies. Directorate of Higher Education have taken many initiative involving the students for restoration of Manu river through rally, discussion, under Kailasahar & Kumarghat Subdivision about the river water pollution.

Annexure-1.

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

Sl. No	Parameters	B-1	B-2	B-3
1.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.58	1.14	1.62
2.	Total Coliform (MPN/100)	220	120	150
3.	Fecal Coliform (MPN/100)	63	34	41

Site of Collection:

B-1: Burigaon River at Bishalgarh.

B-2: Up Stream of Rajib Paul 25/05/2020 (Rajib Paul) Jr. Scientific Assistant TSPCB. Agartala of Burigaon River at Bishalgarh.

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

Ratan Debnath 25/05/2020. (RATAN DEBNATH) Sr. Laboratory Assistant TSPCB, Agartala.

ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM GUMTI RIVER (MARCH, 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
1.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.54	1.08	1.38	1.72	1.28	1.68	1.28	1.04	1.38	0.56	0.36	0.88	1.12	1.04	1.14	1.14	0.78	1.22
2.	Total Coliform (MPN/100)	220	150	170	280	220	220	170	120	210	170	110	140	140	110	120	120	110	140
3.	Fecal Coliform (MPN/100)	63	41	58	70	58	70	43	41	48	41	33	46	34	27	40	27	32	47

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.

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ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM HAORA RIVER (MARCH, 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	1.58	1.14	1.78	2.38	1.56	2.56	1.58	1.22	1.74	1.36	1.14	1.44	1.26	0.98	1.44
2.	Total Coliform (MPN/100)	240	170	210	240	220	240	240	170	220	220	150	210	150	110	110
3.	Fecal Coliform (MPN/100)	39	26	41	120	94	150	48	34	48	31	27	41	58	41	32

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.

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

Sl. No	Parameters	B-1	B-2	B-3
1.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.24	1.12	1.38
2.	Total Coliform (MPN/100)	140	94	150
3.	Fecal Coliform (MPN/100)	31	22	41

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.

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ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM KHOWAI RIVER (MARCH, 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
1.	Bio-Chemical Oxygen Demand (BOD) mg/l	1.26	0.84	1.44	0.68	0.52	0.74	1.36	1.12	1.48	0.94	0.32	1.06
2.	Total Coliform (MPN/100)	79	49	110	63	58	63	120	94	110	110	94	120
3.	Fecal Coliform (MPN/100)	31	17	40	17	17	21	26	22	31	27	21	33

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.

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

Sl. No	Parameters	B-1	B-2	B-3
1.	Bio-Chemical Oxygen Demand (BOD), mg/l	0.60	0.38	0.86
2.	Total Coliform (MPN/100)	110	84	110
3.	Fecal Coliform (MPN/100)	25	21	22

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.

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

Sl. No	Parameters	B-1	B-2	B-3
4.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.42	1.08	1.58
5.	Total Coliform (MPN/100)	170	120	170
6.	Fecal Coliform (MPN/100)	58	33	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.

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ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM GUMTI RIVER (APRIL, 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
4.	Bio-Chemical Oxygen Demand (BOD), mg/l	1.36	1.14	1.48	1.48	1.14	1.52	1.02	0.84	1.22	0.36	0.22	0.58	0.98	0.74	0.82	0.94	0.68	1.08
5.	Total Coliform (MPN/100)	210	170	170	220	170	170	170	150	170	140	84	130	110	84	110	94	58	94
6.	Fecal Coliform (MPN/100)	58	39	40	58	43	49	32	31	41	31	25	32	25	21	26	22	17	26

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.

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ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM HAORA RIVER (APRIL, 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	1.34	1.08	1.56	2.22	1.32	2.38	1.24	1.08	1.52	1.02	0.88	1.26	1.04	0.66	1.18
2.	Total Coliform (MPN/100)	220	150	170	240	220	240	220	150	240	170	120	170	110	84	94
3.	Fecal Coliform (MPN/100)	27	21	32	120	70	150	47	31	48	27	22	39	40	32	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.

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

Sl. No	Parameters	B-1	B-2	B-3
4.	Bio-Chemical Oxygen Demand (BOD), mg/l	0.98	0.74	1.14
5.	Total Coliform (MPN/100)	120	84	120
6.	Fecal Coliform (MPN/100)	25	17	27

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.

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ANALYTICAL RESULTS OF SURFACE WATER SAMPLES COLLECTED FROM KHOWAI RIVER (APRIL, 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
4.	Bio-Chemical Oxygen Demand (BOD) mg/l	1.08	0.56	1.28	0.76	0.44	0.86	1.22	0.68	1.34	0.82	0.28	0.94
5.	Total Coliform (MPN/100)	63	38	70	70	47	70	94	70	94	94	63	110
6.	Fecal Coliform (MPN/100)	22	17	33	25	13	21	17	17	22	22	17	27

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.

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

Sl. No	Parameters	B-1	B-2	B-3
4.	Bio-Chemical Oxygen Demand (BOD), mg/l	0.62	0.28	0.62
5.	Total Coliform (MPN/100)	94	70	84
6.	Fecal Coliform (MPN/100)	25	17	17

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.

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Annexure-2

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

No.F.11(94)/DSTE/CC/Pt-III/ 1579-82 Dated 17/ 03 /2020

MEMORANDUM

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

17/3/2020

(Animesh Das)
Additional Secretary
to the Government of Tripura

To

The Member Secretary, Tripura State pollution Control Board.

Copy to :

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

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

OC

Annexure – 3

Urgent
Compliance of NGT Order

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

No.F.11(94)/DSTE/CC/Pt-III/ 1583-1607 Dated 17/ 03 /2020

M E M O

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

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

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

A copy of minutes of the said meeting received from the National Mission for Clean Ganga, Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, Govt. of India vide Office Memorandum No.Legal/OA673/2018/NMCG/2019 dated 27.02.2020 is enclosed herewith for your kind information & necessary action for compliance. A copy of the e-mail received from the National Mission for Clean Ganga (NMCG) along with report of Monitoring Committee regarding 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.

17/3

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

Enclo : as stated

OIC

To

1. The Director, Urban Development Department, Agartala.
2. The Municipal Commissioner, AMC, Agartala.
3. The Chief Executive Officer,
   Ambassa/Belonia/Dharmanagar/Bishalgarh/Kalilasahar/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-4

Status of River Bank Plantation and installation of Check dam along the river stretches

Status of greenery development / soil & moisture conservation works to be undertaken by Forest Dept., as per Action Plan for polluted river stretches in the State.

Year : 2019-20

Name of River	District	Block plantation (ha)			River Bank Plantation (Km)			Checkdam target (nos) *	Progress	Scheme
		Target	Achievement	Remarks	Target	Achievement	Remarks			
Burigaon	Sepahijala	165	83.5	Pending approval under MGNREGA	5	5	Target achieved	5	5	Work completed under MGNREGA
Gumti	Gumti	362	362	Target achieved	45	45	Target achieved	10	10	Approved under MGNREGA and work under progress
Haora	West	162	103	Work in progress under NAP	5	5	Target achieved	5	5	Approved under CAMPA and JICA and work under progress
Juri	North	24	24	Target achieved	10	7	Work in progress under MGNREGA	8	6	Submitted under MGNREGA
									1	IFM
									1	CAMPA
Khowai	Khowai	381	251	Work in progress under NAP	8	8	Target achieved	10	10	Approved under JICA and CAMPA and work completed.
Manu	Unakoti	85	32	Work in progress under NAP	5	5	Target achieved	8	-	Proposal submittesd under MGNREGA and not yet approved.
Total		1179	855.5		78	75		46	38	

29/11/2020