

Monthly Progress Report by Mizoram (June, 2020)

(In the matter of Hon'ble NGT matter of O.A No 673/2018)


Sl. No.	Activity to be monitored	Timeline	Submission of progress by Mizoram – Compliance Status																
1.	Ensure 100% treatment of sewage at least in-situ remediation	31.03.2020	<ul style="list-style-type: none"> • For the treatment of sewage, in-situ remediation such as onsite greywater management systems in rural areas and setting up of improved septic tanks and Bio-digesters for black water management in the catchment areas of the polluted rivers are in process. • 1 STP of 10 MLD Capacity located at the catchment area of Chite stream (Priority – IV polluted river) is constructed at Bethlehem Vengthlang, Aizawl. The project is nearing completion and expected to be completed within timeline. 																
	commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STPs must be ensured	31.03.2020																	
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021																	
3	Chief Secretary may set up appropriate mechanism at State level <ul style="list-style-type: none"> • Specifying accountability of nodal authorities not below the Secretary level • Chief Secretaries may have an accountable person attached in their office for this purpose 	22.01.2020 22.01.2020	<ul style="list-style-type: none"> • State Level Monitoring Committee has been constituted under the Chairmanship of Chief Secretary, Govt. of Mizoram notified vide letter No.C.18013/2/2020-I&WR/243 dt. 21.07.2020. The Committee comprises of the following members: <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">1. Chief Secretary</td> <td style="text-align: right;">Chairman</td> </tr> <tr> <td>2. Principal Secy./Secy., EF&CC</td> <td style="text-align: right;">Member</td> </tr> <tr> <td>3. Secy., PHED</td> <td style="text-align: right;">Member</td> </tr> <tr> <td>4. Secy., LRS&WCD</td> <td style="text-align: right;">Member</td> </tr> <tr> <td>5. Secy., UD&PA</td> <td style="text-align: right;">Member</td> </tr> <tr> <td>6. Commissioner, AMC</td> <td style="text-align: right;">Member</td> </tr> <tr> <td>7. Chairman, MPCB</td> <td style="text-align: right;">Member</td> </tr> <tr> <td>8. Secy., I&WRD</td> <td style="text-align: right;">Member Secy.</td> </tr> </table>	1. Chief Secretary	Chairman	2. Principal Secy./Secy., EF&CC	Member	3. Secy., PHED	Member	4. Secy., LRS&WCD	Member	5. Secy., UD&PA	Member	6. Commissioner, AMC	Member	7. Chairman, MPCB	Member	8. Secy., I&WRD	Member Secy.
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	<ul style="list-style-type: none"> • Monitoring at State level must take place 	Fortnightly Commencing 21.12.2019	Monthly Review Meeting scheduled to be held soon by the newly formed State Level Monitoring Committee.																
4	Progress report may be furnished by the States/UTs to <ul style="list-style-type: none"> • Secretary, Ministry of Jal Shakti • Member Secretary, CPCB 	Monthly (preferably before 20 th of every month)	<ul style="list-style-type: none"> • Monthly Progress Report submitted on regular basis. • This report is for the month of June,2020 																

4.1	<p>Progress Report may be compiled of details along with completion timelines on:</p> <p>i) Identification of polluting sources including drains contributing to river pollution and action as per NGT order in situ treatment</p>		<ul style="list-style-type: none"> • Identification of polluting sources including contributing drains have been completed for all the 9 polluted rivers. • During the reporting month, analysis of water quality of the identified drains conducted. <p>Identified drains and the analysis results at <i>Annexure-I</i></p>
	<p>i) <u>Status of STPs, I&D and sewage networks</u> Details of existing infrastructure, Gap analysis, proposed along with completion of timeline</p>		<ul style="list-style-type: none"> • Construction of STP for Aizawl city at Chite River catchment area is completed – 98% completed • Construction of Sewer lines is progressing – 70% completed despite several constraints such as public objections among others. • Expected date of commissioning: within the year 2020. • In-situ liquid treatment system for Greywater at household levels in rural areas is under process with about 28%. • Construction of Bio-digesters for in-situ remediation of back water at household levels in urban areas under process. About 80 nos. of biodigesters have been constructed for households in the catchment area. • Construction of dam reservoir and recreation centre is undertaken at Keilungliah Stream, a polluting stream of Tuipui River at Champhai which is suggested to minimize contamination of Tuipui river as well as for multipurpose such as water security for Champhai town, Irrigation need of farmers during off monsoon period, promotion of tourism and recreation facilities for Champhai town, fisheries development, beautification of Champhai town Improvement of climate for Champhai town. Gabion structures is also to be constructed across major streams discharging to Keilungliah. The approved estimated cost of this project is Rs 1988 lakhs out of which Rs 944.05 has been used for 60% of the physical progress.
	<p>ii) <u>Status of CETPs</u> Details of existing CETP and ETP infrastructure, Gap analysis, Proposed along with completion of timeline, No. of industries and complying status</p>		<ul style="list-style-type: none"> • There is no CETP in the State yet. River Pollution due to industrial effluents is insignificant in case of Mizoram. • Inventory of water polluting industries in the catchment areas of all the 9 polluted rivers is completed. Details alongwith Gap analysis provided in the Revised Action Plan submitted to CPCB on 17.07.2020 and soft copy available at https://mpcb.mizoram.gov.in/ • In all, there are 73 nos. of identified water polluting industries in the catchment areas of the polluted rivers, out

			of which 50 units are having valid consent from MPCB and the remaining are being regulated to comply with the norms.
	iii) <u>Status of Solid Waste Management & Details of Processing Facilities</u> Details of existing infrastructure, Gap analysis, proposed along with completion of timeline		<ul style="list-style-type: none"> • Information Education and Communication (IEC) and Capacity Building through door to door campaigns, town/village level sensitization and grass root trainings on proper waste management has been carried out in most of the villages/towns in the Catchment area of Polluted river stretches with about 30% achievements. • 20% to 55 % works on Segregation, setting up of Plastic Waste Collection Centre/Confined dumping ground for inerts and other wastes has been completed in the polluted river stretches.
	iv) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river		<ul style="list-style-type: none"> • Latest water quality of the 9 polluted rivers for the monitoring month is at Annexure-II. • Water quality of drains/tributaries at Annexure-I
	v) Preventing dumping of waste and scientific waste management including bio-medical wastes, plastic wastes and decentralizing waste processing including waste generated from hotels, ashrams etc		<ul style="list-style-type: none"> • Waste Management Centre, constructed by SIPMUI at Tuirial was commissioned on 11.12.2019. The segregated wastes collected by the Aizawl Municipal Corporation has been initiated to be processed and disposed in scientific manner in this waste management facilities henceforth. • Dumping of waste in unauthorised Dumping Sites has been prohibited by Deputy Commissioner and Aizawl Municipal Corporation • Status of action taken for adopting scientific waste management system as per proposed Action Plan is given in SI No. 4.1 (iii).
	vi) Ground water regulation		<ul style="list-style-type: none"> • In Mizoram, surface water serves as the main sources of water for drinking, domestic and industrial purposes. Ground water extraction is insignificant.
	vii) Adopting good irrigation practices		<ul style="list-style-type: none"> • Provisions are made by the concerned department, i.e Irrigation & Water resources Department to adopt good irrigation practices in the State. However, irrigation is not practiced in the polluted location of the Rivers.
	(ix) Protection and management of Flood Plain Zones (FPZ)		<ul style="list-style-type: none"> • There is no Flood Plain Zones in Mizoram as it is a hilly region.

(x) Rain water Harvesting		<ul style="list-style-type: none"> • Environment, Forests and Climate Change, Govt. of Mizoram has been identified by the State Govt. as the Nodal Department to be responsible for framing Policies and Action Plan for Rain Water Harvesting in Mizoram • As per the Action Plan of the polluted rivers, Rainwater harvesting has been initiated. Survey for setting up of Rainwater harvesting System is underway by PHE Department, Govt. of Mizoram.
(xi) Maintaining minimum flow of river		<ul style="list-style-type: none"> • E-flow assessment is proposed to be taken up by Irrigation and Water Resources Department, Govt. of Mizoram. Action Plan with timeline for e-flow assessment is given at Annexure-III • Some of the rivers already have Riverine Reserved Forests of about 800 metres on either side of the river banks which are well protected. However, for enhancing tree and vegetation coverage, afforestation activities in suitable catchment areas have been proposed. • As per Action Plan, Plantation drives in the catchment area of Polluted Rivers already initiated by E,F & CC Department, Govt. of Mizoram and about 12% of the proposed works has been completed so far.
(xii) Plantation on both sides of the river		
(xiii) Setting up of biodiversity parks on flood plains by removing encroachment		

Note: The Final Revised Action Plan for the four (4) rivers falling under category III & IV was completed incorporating the recommendations of the 12th Meeting of Task Team held on 11.06.2020 and approved by RRC, Mizoram. Copy submitted to CPCB on 17.07.2020 and soft copy available at <https://mpcb.mizoram.gov.in/>



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