

**COMPLIANCE STATUS REPORT  
ON DIRECTIONS OF THE  
HON'BLE NATIONAL GREEN  
TRIBUNAL (NGT) ORDER  
DATED 28.02.2020  
FOR THE STATE OF MIZORAM  
(1<sup>ST</sup> QUARTER: APRIL - JUNE, 2020)**

## COMPLIANCE STATUS REPORT FOR APRIL – JUNE, 2020

### 1. COMPLIANCE STATUS OF ‘RULE 22 AND 24 OF SWM RULES

- a) **Rule 22: Time frame for implementation.- Necessary infrastructure for implementation of these rules shall be created by the local bodies and other concerned authorities, as the case may be, on their own, by directly or engaging agencies within the time frame specified below:**

**Table 1. COMPILED STATUS OF CONCERNED DEPARTMENTS**

S No	Rule 22 of SWM Rules, 2016	Specified Time line from the notification of Rules <i>i.e</i> 8 <sup>th</sup> April, 2016	COMPLIANCE STATUS
1	Identification of suitable sites for setting up solid waste processing facilities.	1 year	<p>Site for Solid Waste Management has been identified for all 23 Urban Towns including District Capitals. Report had been filed as such to the NGT on 24.04.2016 during personal appearance of the Chief Secretary, Mizoram before the NGT</p> <p>However, some sites are newly identified with declaration of three new districts. Details of site identified with GPS Coordinates are appended at Annexure –I</p> <p>In rural areas, out of 692 target villages, 387 (dumping ground has been constructed.</p> <p>Aizawl-94 Champhai-47 Kolasib-34 Siaha-50 Serchhip-38 Mamit-29 Lawngtlai-65 Lunglei-30 Detail report at Annexure I</p>
2	Identification of suitable sites for setting up common regional sanitary landfill facilities for suitable clusters of local authorities	1 year	All towns are under 0.5 million population. Sites for all the district capitals & Census town have been identified as provided in Sl.No 1 above.

	under 0.5 million population and for setting up common regional sanitary landfill facilities or stand alone sanitary landfill facilities by all local authorities having a population of 0.5 million or more.		
3	Procurement of suitable sites for setting up solid waste processing facility and sanitary landfill facilities.	2 years	All the sites have been procured except Serchhip and Saitual town.  For Serchhiptown, land lease is under consideration for approval while negotiation with Land occupier is under process for Saitual town.
4	Enforcing waste generators to practice segregation of bio degradable, recyclable, combustible, sanitary waste domestic hazardous and inert solid wastes at source.	2 years	Practiced in all districts except for Saitual and Hnahthial which are newly identified district.  Degree of segregation varies from district to district as provided below.  Aizawl: 4 categories (Plastics, Electronic waste, Wet waste and Non-Biodegradable waste).  Others district capitals and towns: 2 categories viz. Wet waste and Non-Biodegradable waste.
5	Ensure door to door collection of segregated waste and its transportation in covered vehicles to processing or disposal facilities.	2 years	<ul style="list-style-type: none"> <li>• <b>Collection of segregated waste</b> <ul style="list-style-type: none"> <li>✓ Aizawl city : 100 %</li> <li>Hnahthial : 100%</li> <li>Khawzawl : 70%</li> <li>Saitual 100%</li> </ul> </li> <li>• <b>Transportation</b> <ul style="list-style-type: none"> <li>✓ Aizawl city- 100 % (all wastes collected are transported)</li> <li>✓ Hnahthial – 100%</li> </ul> </li> </ul>
6	Ensure separate storage, collection and transportation of construction and demolition wastes.	2 years	<ul style="list-style-type: none"> <li>• <b>Aizawl:</b> Disposal sites for C &amp; D wastes are identified at 3 locations. The main C &amp; D wastes are excavated soil viz.</li> <li>• <b>Kolasib:</b> C&amp;D wastes are re-</li> </ul>

			<p>used. The site is identified.</p> <ul style="list-style-type: none"> <li>• <b>Other districts</b> : Awareness is being created</li> </ul>
7	Setting up solid waste processing facilities by all Local Bodies having 1,00,000 or more population.	2 years	<ul style="list-style-type: none"> <li>• Aizawl <ul style="list-style-type: none"> <li>✓ Material Recovery Facilities– 74 TPD</li> <li>✓ Composting : <ul style="list-style-type: none"> <li>○ Mechanical Compost Plant –50 TPD</li> <li>○ Vermi Compost Plant– 22 TDP</li> </ul> </li> <li>✓ Landfill- 44 TPD</li> </ul> </li> <li>• Population of the other district capitals/ towns is less than 100000.</li> </ul>
8	Setting up solid waste processing facilities by Local Bodies and census towns below 1,00,000 population.	3 years	<p>Several actions had been initiated in all other areas of the state for setting of SWM Facilities.</p> <p>Status are as follows:</p> <ul style="list-style-type: none"> <li>• Lunglei Town, Lunglei District <ul style="list-style-type: none"> <li>✓ Population : 57,011</li> <li>✓ <u>Sanitary landfilling</u> <ul style="list-style-type: none"> <li>○ Area : 24270.00 sq</li> <li>○ Capacity : 15 TPD (under construction)</li> <li>○ Location: Riangvai Thlan mual</li> <li>○ Environmental Clearance is applied for</li> </ul> </li> </ul> </li> <li>• Kolasib, Kolasib District : <ul style="list-style-type: none"> <li>• Population : 24,272</li> <li>• Sanitary Landfill <ul style="list-style-type: none"> <li>○ Area : 900.00 sq</li> <li>○ Capacity : 10 TPD</li> <li>○ Location : Dihmun Tlang <ul style="list-style-type: none"> <li>○ : 10 TPD (under construction)</li> <li>○ Environmental Clearance is applied for</li> </ul> </li> </ul> </li> <li>• <u>Vermi Composting Plant:</u> <ul style="list-style-type: none"> <li>○ 2 units of 3 TPD capacity each</li> </ul> </li> <li>• Hnahthial: Under active development</li> </ul> </li></ul>

			<ul style="list-style-type: none"> <li>• Saitual: Under process</li> <li>○ RURAL AREAS: <ul style="list-style-type: none"> <li>○ Semi-aerobic Sanitary Landfill System was adopted as a pilot project in 7 villages.</li> <li>○ Construction of compost bins at the rural household level undertaken</li> <li>○ further improvement solid will be taken up during 2020-2021</li> <li>○ Confined dumping ground - constructed in various rural villages by PHED under SBM.</li> </ul> </li> </ul>
9	Setting up common or stand alone sanitary landfills by or for all Local Bodies having 0.5 million or more population for the disposal of only such residual wastes from the processing facilities as well as untreatable inert wastes as permitted under the Rules.	3 years	Not applicable as no cities and towns has more than 0.5 million population
10	Setting up common or regional sanitary landfills by 3 years all Local Bodies and census towns under 0.5 million population for the disposal of permitted waste under the rules.	2 years	<ul style="list-style-type: none"> <li>• Aizawl : operational since December 2019</li> <li>• Lunglei : Under process &amp; applied for Environmental clearance</li> <li>• Kolasib : Under process &amp; applied for -Environmental clearance</li> <li>• Serchhip : Common sanitary landfill submitted to be taken up under NLCPR, Ministry of DoNER.</li> <li>• Hnahthial : One landfill site is developed</li> <li>• Saitual : Under process</li> </ul>

11	Bio-remediation or capping of old and abandoned dumpsites	5years	Assurance given by the AMC to follow the CPCB guidelines which was endorsed by the MPCB.
----	---	--------	--

**2. Compliance status of Rule 12: Duties of District Magistrate or District Collector or Deputy Commissioner**

Sl No.	Duties and responsibilities	Action taken & Achievement Report
1	a) Identification and allocation of suitable land for setting up solid waste management facilities to local authorities in his district in close coordination with UD & PA.	All districts have identified land for setting up solid waste management center. Details report in Annexure-I.
2	b) Review performance of local bodies, at least once in a quarter on waste segregation, processing, treatment and disposal and take corrective measures in Consultation with the Commissioner of Municipal Administration or Director of local bodies and Secretary of the UD& PA Department.	Segregation is practiced in all districts. 4 bins system in Aizawl and 2 bins system in Urban towns.

**3. COMPLIANCE STATUS OF RULE 15: Duties and responsibilities of local authorities and village Panchayats of census towns and urban agglomerations.**

Sl No.	Duties & Responsibilities	Action taken & Achievement Report
1	b) door to door collection of segregated solid waste	Implemented
2	c) establish a system to recognize waste pickers or informal waste collectors and establish a system to integrate them to facilitate their participation in solid waste management including door to door collection of waste	Waste pickers are identified and issued Identity Card. Health Checkup and Training for waste Collector were initiated in Aizawl, Serchhip, Lawngtlai and Hnahthial.

3	d)facilitate formation of Self Help Groups, provide identity card and thereafter encourage integration in Solid Waste Management including door to door collection of Waste.	<ul style="list-style-type: none"> <li>• Aizawl: SGH will be initiated by the month of December,2020</li> <li>• SGH were guided and trained in Serchhip,Lawngtlai and Mamit.</li> <li>• Sanitation committee with VCP is active in Siaha</li> </ul>
4	e) Frame bye-laws incorporating the provisions of these rules within one year from the date of notification of these rules and ensure timely implementation.	<ul style="list-style-type: none"> <li>• Bye-Laws framed and executed in Aizawl</li> <li>• Bye-Laws under preparation in <ol style="list-style-type: none"> <li>1. Lawngtlai,</li> <li>2. Kolasib</li> <li>3. Hnahthial</li> <li>4. Serchhip</li> <li>5. Siaha</li> <li>6. Mamit</li> <li>7. Champhai</li> </ol> </li> </ul>
5	f)prescribe user fee	Complied / incorporated in the Bye-Laws
6	g)direct waste generators not to litter or burn waste and to segregate the waste at source and hand over the segregated waste to authorized the waste pickers or waste collectors authorized by the local body.-	Out of 83 Local Council 20 Local Councils has done segregation of wastes into 4 types. The rest of Local Councils are doing 2 bins segregation and initiatives taken by the AMC for 4 bins segregation
7	h)set up material recovery facilities or secondary storage facilities with sufficient space for sorting of recyclable materials and provide easy access, Biodegradable waste.	Land has been acquired.
8	k) direct street sweepers not to burn leaves collected from Street Sweeping and store them separately and handover to the waste collectors or agency authorized by local body.	Street sweepers and waste pickers are trained and well informed in Aizawl,Serchhip, Mamit andHnahthial
9	l) provide training on waste management to waste pickers and waste collectors	Trained and well informed in Aizawl,Serchhip,Mamit and Hnahthial
10	n) collect separately waste from sweeping of streets, lanes and by-lanes daily, or on alternate days or twice a week depending on the density of population, commercial activity and local situation	Collection is done separately
11	p)collect horticulture ,parks and garden waste separately and process in the parks and gardens , as far as possible	Under process to create awareness through community based Organization.

12	q)transport segregated bio-degradable waste to the processing facilities like compost plant, bio-methanation plant or any such facility. Preference shall be given for onsite processing of such waste	Complied/all segregated bio-degradable and non-biodegradable wastes are being transported to Solid Waste Management Facility.
13	t) involve communities in waste management and promotion of home composting, bio-gas generation, decentralized processing of waste at community level subject to control of odour and maintenance of hygienic conditions around the facility.	<ul style="list-style-type: none"> <li>• Training is proposed for Waste Pickers, Waste collectors, Street Sweepers , Village Councilmember &amp; Journalist</li> <li>• Create awareness on public gathering and events</li> <li>• Cleanliness week is observed</li> <li>• Bio digester Plant is set up</li> </ul>
14	v)Create public awareness through information, education and communication campaign and educate waste generators on the following, namely	<ul style="list-style-type: none"> <li>• Public awareness campaigns is done</li> <li>• Wall painting</li> <li>• Organized training for SHG on Vermi-Composting</li> <li>• Competitions is held for School and College level as well as locally elected community leaders</li> <li>• Cleanliness week is observed every year</li> </ul>

#### 4. SOLID WASTE GENERATION STATUS FOR THE QUARTER :

- Aizawl: : 6.31 MT/Day(SIPMIU Report)
- Siaha : 13.13 MT/ Day
- Hnahthial : 1.2 MT/Day

#### 5. COMPLIANCE STATUS OF LEGACY WASTE REMEDIATION

The CPCB's Guidelines for Disposal of Legacy Waste (Old Municipal Solid Waste) which was coined as per the direction of the Hon'ble NGT was furnished to the UD & PA Deptt and the AMC. The state UD&PA has decided to adopt bio-mining for restoration of dumping site in Aizawl.

#### 6. COMPLIANCE STATUS OF QUARTER REPORT SUBMISSION:

- 1<sup>st</sup> Quarterly report submitted to NGT on 24.07.2019
- 2<sup>nd</sup> Quarterly report/ updated quarterly reports submitted to NGT on 16.11.2019



- 3<sup>rd</sup> Quarterly report/ updated quarterly reports submitted to NGT on 27.02.2020
- 4<sup>th</sup> Quarterly report/ updated quarterly reports submitted to NGT on 07.09.2020
- Monitoring done by physical meeting followed up by MPCB
- Updated compliance status based on the thematic areas as mentioned in para 20 is provided below:

## 7. COMPLIANCE STATUS OF THEMATIC AREAS

### a) Compliance to solid waste rules including legacy waste.

Status with respect to Compliance of Rule 22 of the SWM Rules, 2016 as per NGT order dated 28.02.2020 is provided at Page 1-8 above

### b. PLASTIC WASTE MANAGEMENT

Sl. No	Issues	Status of the district during April – June 2020
1	Quantity of plastic waste generated	<ul style="list-style-type: none"> <li>• <b>Aizawl</b> : 7905.5 TPA</li> </ul> Urban & Rural Areas : 3.1 TPA <ul style="list-style-type: none"> <li>• Lawngtlai, Kolasib, Saitual and Siaha : Not recorded</li> <li>• <b>Hnahthial</b> : Cannot be quantified due to non-segregation of plastic waste at source.</li> </ul>
2	Percentage of Segregation	<ul style="list-style-type: none"> <li>• <b>Aizawl</b> - Segregation has been initiated since 01.8.2019 by the AMC</li> <li>• <b>Hnahthial</b> - Cannot be quantified due to non-segregation of plastic waste at source.</li> <li>• Lawngtlai, Siaha, Kolasib and Saitual: Not recorded.</li> </ul>
3	Storage facility/collection centres for plastic waste	<ul style="list-style-type: none"> <li>• Aizawl : Constructed at RiangvaiThlanmual</li> <li>○ RURAL AREAS               <ul style="list-style-type: none"> <li>○ The PHE department has constructed 308 plastic and bottle collection centres in 280 villages and also procured 6 nos. of baling machine (As reported in the 4<sup>th</sup>Qtr report of 2019-2020 )</li> <li>○ Plastic Waste Management Centers have been proposed to be constructed at each block level in the 26 blocks of Mizoram.</li> <li>○ 1 center has already been constructed.</li> </ul> </li> <li>• <b>Kolasib</b> - MRF is available but is not operational</li> </ul>

		yet.
4	Status of transport vehicle for PW	<ul style="list-style-type: none"> <li>• <b>Aizawl:</b> 53 specially designed vehicles</li> <li>• <b>Siaha</b> :1 vehicle</li> <li>• <b>Hnahthial:</b>No separate vehicle for plastic waste.</li> <li>• <b>Kolasib</b> : Garbage Trucks are available.</li> </ul>
5	Notification of Bye-Laws in the district	<ul style="list-style-type: none"> <li>• <b>Aizawl</b> : Already complied.</li> <li>• <b>Kolasib</b> : Drafting of bye-laws in progress</li> </ul>
6	Ban on plastic carry bags/single use plastics.	<ul style="list-style-type: none"> <li>• <b>Aizawl</b> :Already Complied. (As reported in the 3<sup>rd</sup>Qtr report of 2019-2020)</li> <li>• <b>Hnahthial</b> - The State Government has already banned the use of single-use plastics since August 2019. The District authorities are making efforts and taking measures to enforce this ban within the district.</li> </ul>
7	Plan for utilization of plastics waste (a) For road construction (b) Co-incineration in cement plants (c) Any other mode of utilisation	<ul style="list-style-type: none"> <li>• Under the initiative of the Save ChiteLui Coordination Committee for utilization of plastic waste for road construction, the PWD constructed a 800m long road using plastic as Pilot Project at Reiek village, Mizoram (4<sup>th</sup>Qtr report on O.A. 606/2018)</li> <li>• The AMC has signed Agreement with M/s Rapidue Technologies Private Limited (RECYCAL) for collection of plastic wastes and e-wastes (AS reported in the 4<sup>th</sup>Qtr report of 2019-2020 on O.A. 606/2018)</li> </ul>

### c. COMPLIANCE STATUS OF BIO-MEDICAL WASTE MANAGEGEMENT

1) Setting up of Common Bio- Medical Waste Treatment Facility in the State.

- Completed site identification for establishment of CBMWTF.

- DPR prepared by SIPMIU and Environmental Clearance from SEIAA/SEAC applied for.
- The Detail Project Report is submitted to the CPCB to avail financial assistance from the CPCB on cost sharing basis
- Aizawl Smart City Ltd. is notified as Project Implementing Agency.

**2) Inventory of Bio- Medical Waste generating units in the state.**

- Inventory of the state completed Full Inventory Report submitted to CPCB on 18.09.2020.

**3) Annual Report for the year 2019:**

- Reminders for submission of Annual Report for 2019 were issued to State Health Department, State Veterinary Department and Health Care Facilities in advance
- Compiled reports were submitted to the CPCB on July 31, 2020.

**4) Authorization:**

- Direction issued by MPCB, State Health Department & Veterinary Departments for authorization.
- Grant of authorization is a continuous process and the Board has noticed a sharp increase in units applying for authorization with the direction issued by State Health Department.
- 148 authorizations have been granted by the Board.
- All District Hospitals, Community Health Centres and Sub Centres under Chief Medical Officer ,Aizawl West are authorized.
- Consent to establish granted for all Sub Centres under Chief Medical Officer, Kolasib District
- Nodal Officer is appointed for Bio-Medical Waste Management in Champhai district.

**5) Restrict practice of deep burial by HCF's except for those in rural/remote areas where there is no access to CBMWTF.**

- Temporarily permission granted for deep burial pit for private hospitals within Aizawl until CBMWTFs is in place
- The Government hospitals within Aizawl city are utilising the incinerator at State Referral Hospital.

**6) Adequate infrastructure for Pollution Control Board to monitor compliance in the state**

- The Board requested its nodal State Department i.e Environment, Forest & Climate Change Department, Government of Mizoram to take action in this matter.
- The Board also procured PPEs for the purpose of inspection of covid treatment centers

**7) Monitoring of Compliance & Implementation of BMWM Rules, 2016.**

- All Health Care Facilities, Veterinary Hospitals except are monitored regularly by the Board.
- Authorization is granted only after inspecting compliance of the units w.r.t BMWM Rules.
- Monitoring in rural/ remote areas is done on random basis.
- Phasing out of chlorinated plastic bags implemented.
- Training to personnel involved in BMWM done on yearly basis by the State Health Department.

**8) COVID-19 Bio-Medical Waste Management:**

- The Board has circulated all versions of the CPCB's Guidelines for Handling, Treatment and Disposal of Waste Generated during Treatment/ Diagnosis/ Quarantine of Covid-19 patients
- Records of all COVID treatment Facilities and quarantine facilities are maintained by the State Govt. and the MPCB
- Status of COVID bio-medical wastes waste generation and management are collected and reports are submitted to the CPCB
- AMC has also designed staff and vehicles for collection on Municipal Solid Waste from quarantine and treatment centres of COVID-19

**d. COMPLIANCE TO CONSTRUCTION & DEMOLITION WASTES MANGEMENT RULES, 2016**

- In Mizoram, excavated earthen soils constitute, by large, majority of the C&D waste generated in the state (~80-90%) which poses greatest challenge in the disposal of C&D wastes in the state. Earlier, there were several private owned soil dumping grounds located within Aizawl city which are found highly inappropriate due to their polluting potentials. MPCB has written and communicated to AizawlMunicipal Corporation (AMC) time and again to identify appropriate C&D waste management Sites conforming to criteria under Schedule -1.
- AMC had identified several disposal sites for C&D wastes and initiated actions for regulating C&D waste management. AMC has been operating 6 nos. of authorized dumping sites for C&D waste management invarious locations within Aizawl city as detailed in the table below
- AMCstrictly prohibits dumping of C&D waste in places other than these authorized disposal sites and had even imposed penalty against several violators during the reporting year. However, since the C&D wastes disposed in these sites are mainly of unearthed soils, they are dumped without being processed/recycled as they readily serve the purposes of filling up low lying areas/hilly terrains.

**Table: Details of C&D waste disposal sites, authorized by AMC, Mizoram**

<i>Sl. No.</i>	<i>Location of C&amp;D Waste Disposal Site</i>	<i>Operated by</i>	<i>Mode of Disposal</i>	<i>Quantity of C&amp;D waste disposed in MTPD</i>
1	NH-54 Sairang Road, TawngtainaMual, Vaivakawn	AMC & MTA	Dumping without treatment	1364
2	Tuirial Road, Near RD Godown, Zemabawk	AMC & MTA	-do-	633.6

3	World Bank Road, Near ZampuimangaThlan, Meithum	PuR.Sanglura, Melthum	-do-	369.6
4	Tlawng Road, Near BungkawnThlanmual, Tamdo ram, Maubawk	PuBiakmawia, Bungkawn	-do-	316.8
5	World Bank Road, Near College VengThlanmual Road, ITI Veng.	Pi Saiziki, Republic Vengthlang	-do-	176
6	World Bank Road, Near Baptist Church, Salem Veng	Salem Local Council	-do-	158.4

**e. COMPLIANCE TO HAZARDOUS WASTE RULES: ( O.A No. 804/2017):**

- *Inventory*
  - ✓ Inventory is updated for Aizawl City during the current quarter
  - ✓ Inventorization outside Aizawl city remains untouched due financial constraints and lack of man power.
  
- *Grant of Authorization & Annual Returns*
  - ✓ No new units have been authorized during the current quarter.
  - ✓ Reminders for submission of annual returns was sent out to all occupiers who are required by the Hazardous & Other Wastes (Transboundary Movement) Rules, 2016 to submit the same by in **Form 4** to SPCB on or before the 30<sup>th</sup> day of June every year
  - ✓ Annual returns received from authorized occupiers are under compilation for submission to the CPCB **on or before after cross verification of the returns**
  
- *Setting up of common TSDF:* Status as reported by the are as follows:
  - ✓ As Commerce and Industries Department, G.O.M vide letter dated dt 31.01.2020 reported that site for setting up of common TSDF was allocated at Industrial Growth Center, Luangmual, Aizawl, the department was requested to kindly intimate the progress made as on date for setting up of TSDF in the state to Central Pollution Control Board through e-mail on to enable CPCB in reporting the same to Hon'ble NGT, with copy to the Mizoram Pollution Control Board.

- *Online display of hazardous wastes/chemicals :*
  - ✓ M/s LPG Bottling Plant (M/s Assam Oil) which is the only unit requiring display outside the factory has been shut down since 16<sup>th</sup> January 2020 due to the problems in the bullet tank and the whole piles to be razed rebuilt.
  
- *Capacity Building / Infrastructure of SPCB:*
  - ✓ Proposal for capacity building of Mizoram Pollution Control Board was submitted
  - ✓ to PCCF, E,F&CC Department on 13.01.2020

**f. REJUVENATION OF WATER BODIES(O.A No. 673/ 2018)**

Sl. No.	Item	Status
1.	River Rejuvenation Committee (RRC)	Reconstituted by the State Govt. vide notification No. C.18014/295/2019-FST dt.12.05.2020. The Chief Engineer, Irrigation & Water Resources Department (Nodal Department) was appointed as the new Member Secy.
2.	Revised Action Plan	<ul style="list-style-type: none"> <li>• Action Plan for the nine polluted rivers was revised incorporating suggestions of the 10<sup>th</sup> Task Team and prioritizing action points for the concerned Departments.</li> <li>• The RRC's approved Revised Action Plan was submitted to CPCB on 15.05.2020.</li> </ul>
3.	Implementation of Action Plan	<ul style="list-style-type: none"> <li>• Ground Survey/Technology options has been done &amp; about 10% of work related to physical works has been completed for setting up of on-site sewage treatment systems in the catchment area of the Polluted Rivers.</li> <li>• Identification of contributing drains and polluting sources</li> </ul>

		<p>completed.</p> <ul style="list-style-type: none"> <li>• On-Site liquid treatment system for Greywater at household levels is under process.</li> <li>• Inventory of water polluting industries in the catchment areas of the polluted rivers is completed.</li> <li>• 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 25% achievements.</li> <li>• 11% to 50 % 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.</li> <li>• Plantation drives in the catchment area of Polluted Rivers already initiated by EF&amp; CC Department, Govt. of Mizoram and about 10% of the proposed works has been completed so far.</li> </ul>								
4.	Review meeting of Central Monitoring Committee (CMC)	Review meeting through VC, organized by CMC (Ministry of Jal Shakti) was attended by RRC and concerned Departments at the following date: 3 <sup>rd</sup> Meeting of CMC – 23.06.2020								
5.	Submission of Monthly Progress Report to MoJS and CPCB	<table border="0"> <thead> <tr> <th><i>MPR</i></th> <th><i>Date of submission</i></th> </tr> </thead> <tbody> <tr> <td>March &amp; April, 2020</td> <td>- 19.05.2020</td> </tr> <tr> <td>May, 2020</td> <td>- 19.06.202</td> </tr> <tr> <td>June, 2020</td> <td>- 22.07.2020</td> </tr> </tbody> </table>	<i>MPR</i>	<i>Date of submission</i>	March & April, 2020	- 19.05.2020	May, 2020	- 19.06.202	June, 2020	- 22.07.2020
<i>MPR</i>	<i>Date of submission</i>									
March & April, 2020	- 19.05.2020									
May, 2020	- 19.06.202									
June, 2020	- 22.07.2020									

**g. Restoration of water bodies (O.A No. 325/ 2015)**



- Irrigation and Water Resources Department (I&WRD) has been notified by the State Govt. as the Nodal Department for Rejuvenation of water bodies in the state vide Notification No.A.46012/1/2019-GAD dt. 27.02.2020
- The Nodal Department i.e Irrigation and Water Resources prepared Road map for the preparation of Action Plan for restoration of water bodies in Mizoram and submitted to CPCB which includes following proposed steps of action:
  1. Inventory of water bodies
  2. Geo-tagging of all water bodies
  3. Assigning UIN to each identified water bodies
  4. Assessment of Water Quality and quantity and Classification on designated best uses.
  5. Preparation of GIS map
  6. Identification of problems
  7. Prioritizing water bodies for restoration.
  8. Preparation of Action plan for restoration of water bodies.
  9. Implementation of Action Plans through:
    - i) Consultative meeting with related departments and NGOs /Village panchayats
    - ii) Awareness campaigns/Community Information Educations among local people
    - iii) Enactment of Laws and Acts etc.
    - iv) Mitigation measures by concerned Departments
    - v) Protection of ponds
  10. Prepare pond atlas and Develop dynamic website.

#### **g.COMPLIANCE STATUS OF E-WASTE**

##### **a) Inventory of E- Waste generated in the state:**

- Proposal for inventory was submitted to the State Government and the Central Pollution Control Board

##### **b) Filing of Annual Returns & Submission of Annual Report:**

- Reminder given to all Bulk consumers (i.e government offices, hospitals, banks etc) for filing of Annual Returns for 2019 -2020 on 12.02.2020.
- 24 Nos of bulk consumers filed their Annual Returns for the year 2018-2019 within stipulated time, i.e 30.06.2019
- Reminder to Bulk Consumers to file for Annual Returns for the year

- Annual report compiled and submitted to CPCB on 30.09.2020 and upload on the Board Website.
- c) **Setting up of Collection Centre for e- waste:**
- The Board has recognized two(2) Producer Responsibility Organization (PROs) i.e M/S KaroSambhavPvt Ltd & M/s Fabshop Technologies Private Ltd to deal with the e- waste in the state.
  - Collection Centre of M/S KaroSambhavPvt Ltd already in operation at Mamit District.
- d. The Board provides coordination to M/S KaroSambhavPvt Ltd, regarding setting up of collection centers in Aizawl. Identification of Nodal Department for Management in the state:
- e. ICT Department is identified as the nodal department.

#### **h.STATUS OF CETPS/ETPS INCLUDING PERFORMANCE:**

- *Effluent Treatment Plants (ETPs):*
  - ✓ Total no of industries requiring ETP is 61.
  - ✓ Total No. of industries inspected is 57.
  - ✓ On inspection two units has been found to be closed down. Hence, the number of industriesrequiring ETP is reduced to 59.
  - ✓ Total no. of industries having ETP is 55 and without ETP is 4
  - ✓ The 4 units nothaving ETP and whose watersupply has been cut-off were informed to submit their status report in the month ofMay.
  - ✓ 1 industry reported construction of ETP. Hence,the no. of industries having functionalETP increases from 55 to 56 on June and no. of units not having functional ETP reduces from 4 to 3.
  - ✓ All the industries were informed to submit status report of compliance.
- Common Effluent Treatment Plant (CETP)
  - ✓ There is no CETP as of now.

<b>SOLID WASTE MANAGEMENT IDENTIFIED SITE LIST</b>					
<b>Sl. No.</b>	<b>Name of District</b>	<b>Name of Town/Villages</b>	<b>Proposed Location of Site</b>	<b>GPS Co-ordinates</b>	<b>Area (sq.m)</b>
1	Aizawl	Sairang	SairangVengthar	23'47"42.2" N: 92'39'22.7" E	4854
		Lengpui	Lawngzawl Ram	23051'56.8"N; 92'37"46.4"E	20000
		Darlawn	Thenmual, Darlawn	24'01'54.4"N; 92054'34.6"E	450
		Aizawl	Tuirial	23044'26.52"N; 92047'42.64"E	194000
			Sihphir - Phulzau Ram	23051'4.99"N; 92044'29.79"E	30000
			Luangmual	23044'34.16"N; 92041'38.96"E	4525
			Hualngohmun	23040'5.20"N; 92044'42.76"E	33500
2	Saitual	Saitual	RamlaituiMual	23042'6.16"N; 92058'32.71"E	20533
3	Lunglei	Lunglei	RiangvaiThlanmual	23012'.14"E; 92043'45.86"E	24270
		Tlabung	Kawrpuchhuah	22'86"68.22 N, 92'48'44.80 S	3236
4	Hnahthial	Hnahthial	Saang Ram	22'57"29.38 N, 92'56"27.66 S	20000
5	Champhai	Champhai	Ruantlang (Mualkawi Ram)	23024'40"N; 93'21'53"E	52642
6	Khawzawl	Khawzawl	Melkhat	23'33'2"N; 93'11'46"E	15000
		Khawhai	Hmunsam	23'21'45"N; 93'7'1"S	6000
		Biate	BualpuiZau (Chhungluaiachulzawl)	23'15'13"N; 93'7'18"S	12700
7	Kolasib	Kolasib Town	DihmunTlang	24015'39.05"N; 92040'35.69"E	34400
		Vairengte Town	TuidaiPhaiKawng	24'51.6"62 N: 92'78.9"03 E	900
		Kawnpui Town	Zotlang Ram, Phunchawng MualpengBul	24'04.13"27 N: 92'67'30.5 E	900
		Bairabi Town	Zophai Road	24'18.49"73 N: 92'53.6"97 E	200

8	Mamit	Mamit	Vaiza Ram	23°54'41.18"N; 92°28'23.79"S	400000
		Zawlnuam	Mauhak	2407'59.69"N; 92020'43.94"E	22500
9	Serchhip	Serchhip	LungrualMualkawi	23°21'25.2"N; 92°51'25.2"E	19800
		Thenzawl	Thlawinem Ram	23°17'22.92"N; 92°45'11.52"E	2300
		N. Vanlaiphai	Kilkawt	23°8'6.05"N; 92°45.4'26.34"E	1100
10	Siaha	Siaha	Chhatlah	22°30'29 N 92°53'42 E	100000
11	Lawngtlai	Lawngtlai	KMMTTP Road	22031'38.84"N; 92053'34.58"E	200000