



MIZORAM STATE POLLUTION CONTROL BOARD

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No.H.88088/Poltn/18/97-MPCB/219-226 :

Dated Aizawl, the 3rd February, 2016.

To,

Shri J. S. Kamyotra
Director & I/c PCP,
Central Pollution Control Board
(Ministry of Environment and Forest, Govt. of India)
'Parivesh Bhawan', C.B.D. Cum-Office Complex,
East Arjun Nagar, Shahdara, Delhi - 110032

Subj.:- Municipal Solid Wastes (Management & Handling) Rules, 2000 – Annual Report for 2014-2015.

Sir,

With reference to the subject cited above, I have the honour to submit herewith the Annual Report on Implementation of Municipal Solid Wastes (Management & Handling) Rules, 2000 for the year 2014-2015 as per Form IV for favour of further necessary action.

Yours faithfully,

Enclo: As above.

dc

(C. LALDUHAWMA)

Member Secretary

Mizoram Pollution Control Board

CHECK- LIST

ANNUAL REPORT ON MSW MANAGEMENT IN AIZAWL FOR THE YEAR 2014-2015

1. Towns/cities

- (i) Total number of towns/cities : 1 city (Aizawl)
 (ii) Total number of ULBs : 2
 (iii) Number of class I & class II cities/towns : 1

2. Authorization status (names/number)

- (i) Number of applications received : 2
 (ii) Number of authorizations granted : 2
 (iii) Authorizations under scrutiny : NIL

3. MSW Generation status

- (i) MSW generation in the state (TPD) : 161.5 TPD (Data received from Aizawl Municipal Council only)
 (ii) MSW collected (TPD) : 161.5 TPD (Data received Aizawl Municipal Council only)
 (iii) MSW treated (TPD) : NIL
 (iv) MSW landfilled (TPD) : NIL

4. Compliance to schedule II of MSW Rules (Number/names of towns/capacity)

- (i) Good practices in cities/towns : NIL
 (ii) House-to-house collection : NIL
 (iii) Segregation : NIL
 (iv) Storage : NIL
 (v) Covered transportation : All the vehicles are covered with Silpouline

5. Processing of MSW (Number/names of towns/capacity)

- (i) MSW processing facilities setup:

Sl. No.	Composting	Vermin-composting	Biogas	RDF/Pelletization
1	NIL	NIL	NIL	NIL

- (ii) Processing facility operational:

Sl. No.	Composting	Vermin-composting	Biogas	RDF/Pelletization
1	NIL	NIL	NIL	NIL

- (iii) Processing facility under installation/planned:

Sl. No.	Composting	Vermin-composting	Biogas	RDF/Pelletisation
1	1	NIL	NIL	NIL

6. Waste-to-Energy Plants: (Number/names of towns/capacity)

Sl. No.	Plant Location	Status of operation	Power generation (MW)	Remarks
1	NIL	NIL	NIL	NIL

7. Disposal of MSW (number/names of towns/capacity):

- (iv) Landfill sites identified : 2 at Tuirial & Lengte

- (v) Landfill constructed : NIL
- (v) Landfill under construction : 2 (Tuirial under SIPMIU & Lengte under Trade & Commerce Department)
- (vi) Landfill in operation : NIL
- (vii) Landfill exhausted : NIL
- (viii) Landfilled capped : NIL

8. MSW Dumpsites (number/names of towns/capacity):

- (iv) Total number of existing dumpsites : 1 at Tuirial
- (v) Dumpsites, reclaimed/capped : NIL
- (vi) Dumpsites converted to sanitary landfill : NIL

9. Monitoring at Waste processing/Landfills sites

SI. No.	Name of facilities	Ambient air	Groundwater	Leachate quality	Compost quality	VOCs
1	NIL	NIL	NIL	NIL	NIL	NIL

FORM IV


Annual Report on Municipal Solid Waste (Management & Handling) Rules, 2000 for the year 2014-2015 submitted by Mizoram State Pollution Control Board to the Central Pollution Control Board.

To,

The Chairman
Central Pollution Control Board,
Ministry of Environment & Forests,
Government of India,
Parivesh Bhawan, East Arjun Nagar,
Delhi – 110032

1	Name of the State/Union Territory	Mizoram
2	Name and Address of the State Pollution Control Board	Mizoram State Pollution Control Board, Tuikhuahtlang, Aizawl – 796001, Mizoram
3	Number of Municipal Authorities Responsible for management of Municipal Solid Waste in the State/UT under this rules.	Two (2)
4	A summary Statement on Progress made by municipal authorities in respect of Implementation of Schedule I [rule 4(3)]	Attached as Annexure - I
5	A summary statement on progress made made by Municipal authorities in respect of implementation of Schedule II [rule 6(1) and (3), 7(1)]	Attached as Annexure – II
6	A summary Statement on progress made by municipal authorities in respect of implementation of schedule III [rule 6 (1) and (3), 7(2)]	Attached as annexure – III
7.	A summary statement in respect f implementation of chedule IV [rule 6 (1) and (3), 7 (2)]	Attached as Annexure - IV

Dated : 3rd February, 2016
Place : Aizawl


(C. LALDUHAWMA)
Member Secretary
Mizoram State Pollution Control Board

ANNEXURE - I

Schedule – I

Implementation Schedule

Sl. No.	Compliance Criteria	Remarks
1	Setting up of waste processing and disposal facilities	Under process
2	Monitoring the performance of waste processing and disposal facilities	Waste processing and disposal facilities not yet adopted
3	Improvement of existing landfill sites as per provisions of these rules.	Ongoing project for landfill system is carried on separately by SIPMIU and Trade & Commerce Deptt.
4	Identification of landfill sites for future use making site ready for operation	Landfill was identified at Tuirial near the present dumping place. Environmental Clearance is also granted for the purpose. No Objection Certificate is also issued by the Board for Landfill (Trench Method) at Lengte, Mamit District

ANNEXURE - II

Schedule – II

Management of Municipal Solid Waste

1. Collection of Municipal Solid Wastes :

Municipal Solid Waste Management is being Handled by two state Government Department, *i.e.*, Urban Development and Poverty Alleviation Department (UD&PA Deptt.) and Trade and Commerce Department.

The Aizawl Municipal Council was formed in 16th November 2010 and Sanitation Cell of the UD&PA Deptt. is now attached to the Council to look after waste management.

Collection is carried on by sanitation point in 63 (sixtythree) localities through Municipal Agency, namely Local Councils.

Trade and Commerce Department separately collect wastes from market places by placing several RCC Bins in 5 (five) markets in the City.

As regard to Bio-medical Wastes, large quantities are treated as per the Bio-medical waste rule. Although the Hospitals and Health Care authorities are aware of necessary conditions to be applied, a large quantity of them are still simply mixed with the Municipal Solid Waste. However, improvement is seen recently due to awareness programmes and interaction and interactions with the Health Care Facilities.

2. Segregation of Municipal Solid Wastes:

Waste are not segregated at any point.

3. Storage of Municipal solid Wastes:

Under the UD&PA Deptt., no storage facilities for municipal solid waste are established. Waste collected are directly transported to the place of disposal.

There are 5 (five) bins placed at different stations/markets within Aizawl City placed by the Trade & Commerce Department for collection of Market wastes. Additional 5 RCC bins are proposed.

4. Transportation of Municipal Solid Wastes:

Waste are transported by means of truck vehicle, which are not specially designed. At present 113 trucks are available under UD&PA Deptt.

5. Processing of Municipal Solid Wastes:

Scientific technologies are not yet adopted for processing wastes and so waste are neither processed nor recycled at present. However, attempts have been taken to adopt scientific technologies for processing of waste utilising technologies like composting, vermiculture etc.

6. Disposal Municipal Solid Wastes:

Landfilling system is not yet adopted. The present system of Disposal of solid waste is 'Open Dumping' at the Dumping ground prepared by UD&PA Department.

The State Investment Programme Implementation and Monitoring Unit (SIPMIU) of the UD&PA Deptt. identified landfilling site at Tuirial just besides the present Dumping area.

The Trade and Commerce Department also identified a separate Disposal Site (*i.e.* Landfill- trench method) at Lengte, Mamit District. NOC was issued on 8th March, 2013 by the Board.

ANNEXURE – III

Schedule – III

Specifications for Landfill Sites

There is no landfill site at present. However, SIPMIU is identifying the present dumping site as the Landfill site for which necessary actions are being taken.

The Trade and Commerce also proposed to establish a separate Landfill site having a capacity of 10 tons/day for Market Wastes Processing facilities at Lengte, Mamit District.

ANNEXURE – IV

Schedule – IV

Standards for Composting, Treated Leachates and Incineration

The waste processing or disposal facilities including composting, incineration, pelletisation, energy recovery or any other facility based on the art-of -the-state technology are not yet adopted. However, the concerned Departments are taking necessary actions to adopt a more suitable technologies.