

**ENVIRONMENTAL STATEMENT
FOR THE YEAR 2025-2026**

AIZAWL MUNICIPAL CORPORATION

SUBMITTED BY

**AIZAWL MUNICIPAL CORPORATION
ENVIRONMENTAL CELL
AIZAWL, MIZORAM.**

ANNEXURE
ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March

PART-A

(i) Name and address of the owner/ occupier of the industry operation or process

		AIZAWL MUNICIPAL CORPORATION
(ii)	Industry category	Municipal Waste Management Center
	Primary-(STC Code)	NA
	Secondary- (STC Code)	√
(iii)	Production category - Units	
(iv)	Year of establishment	11 th Dec 2019
(v)	Date of the last environmental statement submitted	7 th July 2025

PART -B

Water and Raw Material Consumption:

i) Water consumption in m3/d

Process: NA
Cooling: NA
Domestic: Only for drinking (1.0 KLD)

ii) Raw material consumption

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
Municipal solid waste	Waste material for recycling		

** Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.*

PART-C
Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons
(a)Water	500 litres/day	Table 1. As of 18 th September 2025	Within Standard
(b)Air	Continuous 8 hours	PM 2.5: 12 ppm PM 10: 41 ppm SO ₂ : <1 ppm NO _X : 5 ppm CO: 7 ppm As of 18 th September 2025	Within Standard

Parameter	SWM Rules 2020 Standard (Land Disposal)	Discharge Point (WW1)	Before Joining Stream (WW2)
Suspended Solids (mg/L)	200	152	116
Dissolved Solids (Inorganic) (mg/L)	2100	1100	790
pH	5.5–9.0	7.7	7.3
Ammonical Nitrogen (as N) (mg/L)	-	78	51
Total Kjeldahl Nitrogen (mg/L)	-	100.4	90.2
Biochemical Oxygen Demand (mg/L)	100	67	51
Chemical Oxygen Demand (mg/L)	-	200	140
Arsenic (as As) (mg/L)	0.2	0.1	BDL
Mercury (as Hg) (mg/L)	-	BDL	BDL
Lead (as Pb) (mg/L)	-	0.5	BDL
Cadmium (as Cd) (mg/L)	-	BDL	BDL
Total Chromium (mg/L)	-	0.11	BDL
Copper (mg/L)	-	>1	BDL
Zinc (mg/L)	-	0.33	BDL
Nickel (mg/L)	-	BDL	BDL
Cyanide (mg/L)	0.2	BDL	BDL
Chloride (mg/L)	600	440	320
Fluoride (mg/L)	-	0.42	BDL
Phenolic Compounds (mg/L)	-	0.81	BDL

Table 1: Waste water discharge quality

**PART-D
HAZARDOUS WASTES**

(as specified under Hazardous Wastes (Management & Handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
From Process	NA	NA
From Pollution Control Facilities	NA	NA

**PART- E
SOLID WASTES:**

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
a. From process	NA	
b. From Pollution Control Facility	NA	
c. Quantity recycled or reutilised within the unit.	<u>Recycled waste in Quintals:</u> Plastic waste bailed = 15,678.10 Mechanical Compost = 1,268.25 Metals = 176.22 Papers = 10,416.27 Plastics = 14,695.41 Total = 42,234.25	<u>Recycled waste in Quintals</u> Plastic waste bailed = 170.50 Mechanical Compost = 2516.75 Metals = Nil Papers = 14764.60 Plastics = 12718.76 Total = 30170.61

PART-F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Recyclable wastes are segregated and collected for baling. The bailed units are transported to other states for the recycling process. The facility has a designated area for hazardous waste. Wet wastes are decomposed in a mechanical composting unit, while other non-recyclable wastes are dumped in the landfill unit.

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

Sl.No	Particulars	Impact
1	Leachate Management System	Improves the quality of leachate discharge in the environment. Subsequently improves the concentration of pollutants discharged.
2	Maintaining Greenbelt Area	Subsequently improves the quality of air in and around the facility. The air quality of the Centre is within prescribed standards.

PART-H

Additional measures/investment proposal for environmental protection including abatement of pollution.

- Quarterly Monitoring of the Solid Waste Management Centre has been carried out regularly. Reports were submitted to SEIAA Mizoram and IRO Shillong.
- Planting of trees will be done for improvement of the Greenbelt.

PART-I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.