



MIZORAM STATE POLLUTION CONTROL BOARD

No.H.88088/Poltn/4/2021-22-MPCB/

:

Dated Aizawl, the 8th November 2021.

To,

Shri Abhey S.Soni,
Additional Director & Head,
Waste Management-II Division,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,Shahdara,
Delhi-110032.

Subject: **Gaps/Issues in Annual Inventory on Hazardous Waste Management for the year 2020-2021 reg-**

Reference: Y/L F.No.CP-21/67/2021-WM-II-HO-CPCB-HO dt. 20.10.2021

Sir,

With reference to the subject and your letter No. cited above, may I enclosed herewith clarification in data gaps observed in the annual inventory report 2020-2021 for favour of your kind information and further necessary action.

Yours faithfully

(C. LALDUHAWMA)

Member Secretary

Mizoram State Pollution Control Board

Submission of Annual Inventory on Hazardous Wastes Management																			
Name of SPCB/PCC: Mizoram State Pollution Control Board										Year: <u>2020-2021</u>									
A1 Details on Hazardous Wastes Generation																			
Sl no	Name of the District	Total No. Of HW Generating Industry	No. of units possessing Authorization	No. of Units exempted from obtaining Authorization	No of units submitted annual returns	Authorized Quantity of Hazardous Wastes (Metric Tonne)				Total Qnty.	*Quantity of Hazardous wastes generated as per annual returns				Total Qnty	Details on import and export of Hazardous Wastes (Metric Tonne)			
						Landfillable	Incinerable	Recycleable	Utilizable		Landfillable	Incinerable	Recyclable	Utilizable		Quantity of HW imported during the year (MT)	Type of HW	Qnty of HW exported during the year (MT)	Type of HW
					1	2	3	4	5		6	7	8	9		10	11	12	13
1	Aizawl District	23	17	6	17	5.73		50		55.73	3.103		46.955		50.058	Nil	N/A	Nil	N/A
2	Lunglei District	1	1	Nil	1	0.5		1.5		2	0.024		1.05		1.074	Nil	N/A	Nil	N/A

Note:

There are 24 HW generating units in the state, out of which 18 units are authorized and 6 units are exempted from obtaining Authorization as the units are cottage type and generates small amount of HW.

Format-A2: Details on Inter-State Movement of Hazardous Waste for recycling/Utilization/disposal

SI No	Hazardous Waste	Hazardous Wastes received from other State/UT (MT)		Hazardous Wastes sent to other State/UT	
		Name of State/UT from which waste received	Quantity received(MT)	Name of State/UT where waste sent	Quantity sent(MT)
		<i>14</i>	<i>15</i>	<i>16</i>	<i>17</i>
1	For disposal at common secured landfill	Not Available	Nil	Not Available	Nil
2	For disposal at common incinerator	Not Available	Nil	Not Available	Nil
3	For recycling by schedule-IV recyclers	Not Available	Nil	Not Available	Nil
4	For utilization in co-processing (cement plants)	Not Available	Nil	Not Available	Nil
5	For utilization under Rule 9 (other than co-processing)	Not Available	Nil	Not Available	Nil

A3: Details on Hazardous Wastes Recycled and Utilized

SI No	Name of the District	Recycling/Utilization of Hazardous waste (generated within the State/UT)						Recycling/Utilization of Hazardous waste (received from other State/UT)			
		Quantity of Waste Recycled (listed under schedule IV Hazardous waste) (MT)		Quantity Utilized (MT)				Quantity of Waste Recycled (listed under schedule IV Hazardous waste) (MT)	Quantity Utilized (MT)		
				Co-processing in Cement plant		Non-captive utilization based on CPCBs SOPs			Captive utilization of hazardous and other wastes for which SOP has not been prepared by CPCB	Co-processing in Cement plant	Non-captive utilization based on CPCBs SOPs
Generated within the state	imported	Generated within the state	imported	Generated within the state	imported	Generated within the state	imported	25			
		18	19	20	21	22	23	24	25	26	27
1	Aizawl & Lunglei District	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Total										

A4: Details on Hazardous Wastes disposed

SI No	Name of the District	Disposed of Hazardous waste (generated within the State/UT)				Disposed of Hazardous waste			
		Quantity disposed in Secured Landfill (MT)		Quantity disposed through incinerator (MT)		Quantity disposed in common (MT)			
		Common		Captive	Common		Captive	SLF	Incinerator
		28	29	30	31	32	33		
1	Aizawl & Lunglei District	Nil	Nil	Nil	Nil	Nil	Nil		
	Total								

A7-A Details of Domestic Hazardous Wastes*Resulting from Enforcement of Other Regulation

Sl. No	Name of the District	Name and Address of deposition centres authorized for collection	Authorized capacity (MT)	Quantity of domestic HW received at deposition centres during the year April-March (MT)	Quantity of domestic HW sent for recycling and utilization (MT)	Quantity of domestic HW sent to common TSDF (MT)		Quantity of hazardous waste stored at deposition centres (MT)	
						SLF	Incinerator	at the beginning of the financial year i.e. 1st April	at the end of financial year i.e. 31st March
		57	58	59	60	61	62	63	64
1	Aizawl District	N/A	-	-	-			-	-
2	Lunglei District	N/A							
Total		-	-	-	-			-	-

*Please refer section 3.1.4 of the guidelines for preparation of inventory on hazardous waste management

A7-B Details of Fluorescent and Other Mercury containing lamps* resulting from Enforcement of Other Regulation

Sl. No	Name of the District	Name and Address of collection centres authorized for collection	Authorized capacity (MT)	Quantity of waste received at collection centres (MT)	Quantity of waste sent for recycling/utilization (MT)	Quantity of Waste sent to common TSDF (MT)	Quantity of hazardous waste stored at collection centres (MT)	
							at the beginning of the FY .i.e 1st April	at the end of FY i.e. 31st March
		65	66	67	68	69	70	71
1	Aizawl District	1. Aizawl Municipal Corporation	1200 MT	Nil			Nil	Nil
		2. M/s Fabshop, Guwahati	Not yet established the collection centres due to pandemic	Nil			Nil	Nil
Total								

*Please refer section 3.1.4 of the guidelines for preparation of inventory on hazardous waste management

B Annual Inventory on Recycling/ Utilization/Pre-processing/Co-Processing of Hazardous and Other Waste					
Name of SPCB/PCC: Mizoram state Pollution Control Board Year: 2020-2021					
Sl. No	Type of recycling Facilities	No of Facilities authorized for recycling/utilization/Pre-processing/Co-processing of HW (MT)	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Pre-processed/Co-processed (MT) during the year	
				Imported Quantity	Other than Imported Quantity
		84	85	86	87
Commonly Recyclable HW					
A					
1	Brass Dross	Nil	N/A		N/A
2	Zinc Bearing Wastes	Nil	N/A		N/A
3	Copper Bearing Waste	Nil	N/A		N/A
4	Spent catalyst containing nickle, cadmium, Zinc, copper, arsenic, vanadium and cobalt	Nil	N/A		
5	Lead bearing waste including battery waste	Nil	N/A		N/A
6	E-waste	Nil	N/A		N/A
7	Paint and ink Sludge/Residues	Nil	N/A		N/A
8	Used Oil	Nil	N/A		N/A
9	Waste Oil	Nil	N/A		N/A
	Total				
B Non-captive utilization based on CPCBs SOPs					
1	Recovery of solvents from spent solvents				
2	Utilization of APCB Dust/ Residue generated from LD Furnace/ EAF/ Blast furnace for producing cold briquettes for use in Blast Furnace for production of Pig Iron	Nil	N/A		N/A
3	Utilization of Spent Catalyst- to recover- Platinum,Iridium,Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver	Nil	N/A		N/A
4	Utilization of Spent H2SO4 generated from Pickling operations for manufacturing Ferrous Sulphate	Nil	N/A		N/A
	Total				
C Captive utilization of Hazardous and other wastes for which SOP has not been prepared by CPCB					
1		Nil	N/A		N/A
	Total				
D Pre-processing of hazardous and other wastes					
1	Nil				
	Total				
E Co-processing in Cements Plants					
1	Nil				
	Total				

C. List of Authorized Recyclers/ Utilizers/ Preprocessors/ Co-processors of Hazardous Waste

Name of SPCB/PCC: Mizoram State Pollution Control Board Year: 2020-2021

Sl No	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recycling/Utilization/co-processing	Authorized Recycling/Utilization/Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-Processed(MT)	
				Imported	Other than Imported
	79	88	89	90	91
A	List of Authorized Recyclers of Hazardous Waste				
1	Nil				
	Total				
B	List of authorized Utilizers (Under Rule 9) of Hazardous and other wastes				
1	Nil				
	Total				
C	List of Authorized utilizers (under captive utilization) of hazardous and other waste				
1	Nil				
	Total				
D	List of Authorized Pre processors of Hazardous and other wastes				
1	Nil				
	Total				
E	List of Authorized Co-Processors of hazardous and other wastes				
1	Nil				
	Total				

D2

Details on Captive TSDF(s)

Name of SPCB/PCC : Mizoram State Pollution Control Board

Year : 2020- 2021

Sl. No	Name and Address of Captive facility	Type of facility (landfillable/ Incinerable/both)	Capacity		HW disposed		Cummulative HW disposed till the	
			Incinerator (MT/H)	Landfill (MT/A)	SLF	Incinerator	SLF	Incinerator
	<i>118</i>	<i>119</i>	<i>120</i>	<i>121</i>	<i>122</i>	<i>123</i>	<i>124</i>	<i>125</i>
1	Captive Facility not yet Available in Mizoram	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total								