

**MIZORAM STATE POLLUTION CONTROL BOARD** 

:

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

Dated Aizawl, the 8<sup>th</sup> 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<br/>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

Charme

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

			am State Poll										Ye	ar: <u>2020-2</u>	<u>2021</u>				
Al no		Total No. Of HW Generat ing	No. of units possessing Authorization	No. of Units exempted from obtaining	No of units submitted annual returns		rdous V	d Quantity Wastes (M onne)		Total Qnty.	-	nerated	Hazardous l as per ann eturns		Total Qnty	D	Haza	mport and expor rdous Wastes etric Tonne)	; of
		Industr y		Authoriza tion		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 or	Inter-State Movement of Ha	nzardous Waste for recycl	ing/Utilization/disposal	
Sl No	Hazardous Waste	Hazardous Wastes receive (MT		Hazardous Wastes sen	t 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)
		14	15	16	17
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 Hazardou	s Wastes Recycl	ed and Utilized			
Sl No	Name of the District		Recyclin	g/Utilization of	f Hazardous y	.e	ed within the St	ate/UT)		te (received fro	tion of Hazardous om other State/UT)
		Re (listed un IV Hazar	ty of Waste cycled der schedule rdous waste) MT)	Co-proce Cemen	essing in t plant	Non- utilizatio	tilized (MT) captive on based on Bs SOPs	Captive utilization of hazardous and other wastes for	Quantity of Waste Recycled (listed under schedule	Quar Co- processing in Cement plant	ntity Utilized (MT) Non- captive utilization based on CPCBs
		Generated within the state	imported	Generated within the state	imported	Generated within the state	imported	which SOP has not been prepared by CPCB	IV Hazardous waste) (MT)		SOPs
1	Aizawl & Lunglei District	18 Nil	<u>19</u> Nil	20 Nil	21 Nil	22 Nil	23 Nil	24 Nil	25 Nil	26 Nil	27 Nil
	Total										

			A4: 1	Details on Hazardous Wastes	disposed			
Sl	Name of the District	Disposed	of Hazardous v	vaste (generated within the St	ate/UT)	Disposed of H	Iazardous waste	
No		Quantity disposed in Sec	ured Landfill	Quantity dispo	sed through	Quantity dispose	ed in common (MT)	
		(MT)		incinerato	r (MT)			
		Common			Captive	SLF	Incinerator	
		28	29	30	31	32	33	
1	Aizawl & Lunglei	Nil	Nil	Nil	Nil	Nil	Nil	
	District							
	Total							

			Α	5: Details on Hazardous	Wastes Stored at Occ	upier Premises				
SI	Name of the District	То	tal quantity of HW	Stored at Occupier Prer	nises at	Tota	quantity of HW Sto	ored at Occupier du	ring the	
No.		th	e beginning of the fi	nancial year i.e 1st Apri	l (MT)		financial year i.e 19	st April to 31st Mar	ch	
					T	(MT)				
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable	
		34	35	36	37	38	39	40	41	
1										
	Aizawl & Lunglei District									
		0.003	Nil	0.035	Nil	3.127	Nil	48.005	Nil	
	Total									

								A6: D	etails on m	anagement	of Other	Waste (Don	nestically ge	nerated and	imported)							
SI	Name of the	recycling/	of units ized for (utilization /aste (MT)	(M	d capacity IT)	Quantity of other waste imported from other country (MT)	Basel Number	Name of country	Quantity of other waste exported to other country (MT)	Type and category	Name of Country	lly	Quantity of other Waste received from other state (MT)	Quantity of other Waste sent to other state (MT)	το	waste (Sc waste E utilized/ during the	y of other hedule III 3 and D) /recycled year April- h (MT)	Other waste sent for disposal to common TSDF (MT)	generated	of HW sent for disposal (MT) (as givent at 54)	Waste s occupiers (MT) (I impor	y of Other stored at s premises ncluding ted and y generated)
No.	District	Other Waste Schedule III-Part B	Other Waste Schedule III-Part D		Other Waste Schedule III-Part D											Imported	Domestical ly generated				at the beginning of FY	at the end of FY
		42	43	44	45	46	46 (i)	46(ii)	47	47(i)	47(ii)	48	49	50	50	51	52	53	54	54(i)	55	56
1	Aizawl District	N/A	N/A																			
	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	Authorized capacity (MT)	Quantity of domestic HW received at deposition centres during the year April- March (MT)	Quanatity of domestic HW sent for	- •	of domestic ommon TSDF IT)	Quantity of waste stored at depo	
		collection			recycling and utilization (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 capacity (MT)	Quantity of waste received at	sent for	Quantity of Waste sent to common	Quantity of hazardo at collection cer	
		authorized for collection		collection centres (MT)	recycling/utilizatio n (MT)	TSDF (MT)	at the beginning of 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
		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

# A8 Details of waste collectors

Sl. No	Name of the District	Name and Address of waste collectors	Authorized capacity (MT)	Quantity of wa	nste received at entres (MT)	sent for recyc	y of waste ling/utilization IT)		ty of waste ommon TSDF	at beginnin year i.	of waste stored g of the financial e. 1st April (MT)	stored at end	ty of waste of the financial at March (MT)
				Hazardous waste	Other waste	Hazardous Waste	Other waste	Hazardous waste	Other waste	Hazardous waste	Other waste	Hazardous waste	Other waste
		72	73	74	75	76	77	78	7 <b>9</b>	80	81	82	83
1	Aizawl District	1. Aizawl Municipal Corporation	1200 MT	Nil	Nil			Nil	Nil	Nil	Nil	Nil	Nil
		2. M/s Karo Sambhav	Not yet established due	Nil	Nil			Nil	Nil	Nil	Nil	Nil	Nil
		3. M/S Fabshop	to pandemic	Nil	Nil			Nil	Nil	Nil	Nil	Nil	Nil
	Total												

	B Annual Inventory on Recycling/ Utilizati Waste	on?Pre-processing/Co	o-Processing of Hazardous and Other		
	Name of SPCB/PCC: Mizoram state Pollution	on Control Board	Year: 2020-2021		
SI. No	Type of recycling Facilities	No of Facilities authorized for recycling/utilizatio nPre- processing/Co-	Total Authorized Capacity (MTA	Pre	Recycled/ Utilized/ -processed/Co- (MT) during the year
		processing of HW (MT)		Imported Quantity	Other than Imported Quantity
		84	85	86	87
А			Commomly Recyclable	HW	
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 Total	Nil	N/A		N/A
	10tai				
В		-	Non-captive utilization based on	CPCBs SOPs	1
1	Recovery of solvents from spent solvents				
	Utilization of APCB Dust/ Residue generated				
	from LD Furnace/ EAF/ Blast furnace for				
	producing cold briquettes for use in Blast Furnace for production of				
2	Pig Iron	Nil	N/A		N/A
_	Utilization of Spent Catalyst- to recover-				
	Platinum,Iridium,Osmium, Palladium,				
	Rhodium, Ruthium, Rhenium, Gold & Silver				
3	Utilization of Spent H2SO4 generated from	Nil	N/A		N/A
	Pickling operations for manufacturing Ferrous Sulphate				
4	_	NII	N/A		N/A
4	Total		IN/A		IN/A
С			Hazardous and other wastes for which	h SOP has not been propored by CD	CB
1		NII		a SOT has not been prepared by CF	
1	Total	INII	N/A		N/A
D	1000		Pre-processing of hazardous and	other wastes	1
D 1	Nil	г			
	Total	1 1			
Е		· · ·	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 Sta	te Pollution Control Board	Year: 2020-2021		
SI	Name and Address of the	Type of Hazardous	Authorized	Quar	ntity Recycled/
No	Facility	Waste	Recycling/Utilization/		Utilized/
		Authorized for	Co-Processing	Со-Р	rocessed(MT)
		Recycling/Utilization/co-	Capacity (MTA)	Imported	Other than Imported
		processing			
	79	88	89	90	91
Α		List of Authorized	<b>Recyclers of Hazardous</b>	s Waste	
1	Nil				
	Total				
В	List (	of authorized Utilizers ( Un	der Rule 9) of Hazardo	ous and other waste	28
1	Nil				
	Total				
С	List of Au	thorized utilizers ( under o	aptive utilization) of ha	zardous and other	waste
1	Nil				
	Total				
D	]	List of Authorized Pre pro	cessors of Hazardous a	nd other wastes	
1	Nil				
	Total				
Е	]	List of Authorized Co-Pro	cessors of hjazardous a	nd other wastes	
1	Nil				
	Total				

# Name of SPCB/PCC : Mizoram State Pollution Control Board

## Year : 2020- 2021

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

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