

A1 Details on Hazardous Waste Generation

S.No.	Name of the District	Total Number of HW Generatin g Industry	Number of Units possessin g authorisat ion	Number of Units exempted from obtaining Authorisa tion	Number of HW Units submitted annual returns	Authorized Quantity of Hazardous Waste				Quantity of Hazardous Waste generated as				Details on Import and Export of Hazardous Waste			
						Landfillab le	Incinerabl e in MT	Recyclabl e in MT	Utilizable	Landfillab le	Incinerabl e in MT	Recyclabl e in MT	Utilizable	Quantity of HW imported during the year (Metric Tonne)	Type of HW*	Quantity of HW exported during the year (Metric Tonne)	Type of HW*
					1	2	3	4	5	6	7	8	9	10	11	12	13
1	Gangtok	8	8	nil	8	nil	812	16	nil	nil	550.55	7.13	nil	nil	nil	nil	nil
2	Pakyong	20	20	0	20	nil	1434	38.5	nil	nil	834.85	13.9	nil	nil	nil	nil	nil
3	Namchi	21	20	1*	20	nil	874.2	38	nil	nil	401.23	9.348	nil	nil	nil	nil	nil
4	Soreng	Nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
5	Mangan	Nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
6	Geyzing	Nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Total		49	48	1	48		3120.2	92.5			1786.63	30.378					

\*One industrial units namely M/s CKIM Pharma Pvt. Ltd., Manpur is under establishment

Note: The Districts of the State have been reorganised vide GoS Gazette Extrordinary no. 373 dated 20/12/2021 namely Gangtok, Geyzing, Pakyong, Mangan, Soreng and Namchi.

**A2    Details on   Inter-state Movement of Hazardous Waste   for Recycling/ Utilisation/ Disposal**

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent (MT)	Quantity sent   in MT
		14	15	16	17
1	For disposal at common secured landfill	nil	nil	nil	nil
2	For disposal at common Incinerator	nil	nil	West Bengal	391.975
3	For recycling by Schedule IV recyclers	nil	nil	West Bengal	27.741
4	For utilization in co-processing (cement plants)	nil	nil	Assam, Meghalaya	Assam - 1000.99, Meghalaya - 396.6
5	For non-captive utilization based on CPCBs SOPs	nil	nil	nil	nil

A3    Details on Hazardous Waste Recycled and Utilized

S.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 Wastes) (KL)		Quantity Utilized (MT)					Quantity of waste Recycled (listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)	
				Co-processing in Cement plant		Non-captive utilization based on CPCBs SOPs		Captive utilization of hazardous waste and Other		Co-processing in Cement plant	Non-captive utilization based on CPCBs SOPs
		Generated within state	Imported	Generated within state	Imported	Generated within state	Imported				
		18	19	20	21	22	23	24	25	26	27
1	Gangtok	7.13	nil	nil	nil	nil	nil	nil	nil	nil	nil
2	Pakyong	13.9	nil	nil	nil	nil	nil	nil	nil	nil	nil
3	Namchi	9.348	nil	nil	nil	nil	nil	nil	nil	nil	nil
4	Soreng	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
5	Mangan	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
6	Geyzing	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
Total	6	30.378									

Note: the information only denotes the HW generated and transboundary movement of the same to facilities outside the state.  
All recyclable hazardous waste are transported to recycling facilities in West Bengal, Co-processing plants in Assam and Meghalaya and TSDF in West Bengal

**A4    Details on Hazardous Waste Disposed\***

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)	
		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
NA	NA	NA	NA	NA	NA	NA	NA

\*The state of Sikkim does not have any facility for disposal of hazardous waste. The HW generated is trasported to West Bengal ,Assam & Meghalaya forco-processing, Treatment & dispos

al

**A5 Details on Hazardous Waste Stored at Occupier Premises**

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 1 <sup>st</sup> April (MT)				Total Quantity of HW stored at Occupier premises at the end of financial year i.e. 31 <sup>st</sup> March (MT)			
		Landfillable	Incinerable *	Recyclable*	Utilizable	Landfillable	Incinerable	Recyclable**	Utilizable
1		34	35	36	37	38	39	40	41
2	Gangtok	nil	19.16	nil	nil	nil	54.92	0.34	nil
3	Pakyong	nil	56.63	3.2856	nil	nil	54.28	3.38	nil
4	Namchi	nil	35.95	1.619	nil	nil	42.36	1.94	nil
5	Soreng	nil	nil	nil	nil	nil	nil	nil	nil
6	Mangan	nil	nil	nil	nil	nil	nil	nil	nil
7	Geyzing	nil	nil	nil	nil	nil	nil	nil	nil

\* Note: there is change in the quantity of HW stored as many of the industrial units have installed ETP Sludge drying device for moisture removal which has led to reduction in weight and error in previous year data has also been incorporated. The end of the storage w.r.t. recyclable hazardous waste includes the recyclable waste that were sent to TSDF and co-processing units has also been accounted and some values that were given in liters last year has also been converted to MT.

\*\* 1.9 MT of recyclable HW has been transported to co-processing plants and TSDF as well

A6    Details on management of Other Waste (Domestically generated and Imported)

S.No.	Name of the District	*Number of units authorized for recycling/utlization of Other Waste (MT)		Authorized capacity (MT)		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	Quantity of other waste domestically generated (MT)	Quantity of Other waste received from other state (MT)	Quantity of Other waste sent to other state (MT)	Quantity of other waste (Schedule III waste B and D) utilized/recycled during the year April-March (MT)		Other waste sent for disposal to Common TSDF (MT)	Quantity of HW generated during recycling/ utilization of other waste (MT)	Quantity of HW sent for disposal (MT) (as given at 54)	Quantity of other waste stored at Occupiers premises (MT) (including imported and domestically generated)	
		Other Waste Schedule III-Part B	Other Waste Schedule III-Part D	Other Waste Schedule III-Part B	Other Waste Schedule III-Part D										Imported	Domestically generated				at the beginning of the financial year	at the end of financial year
		42	43	44	45	46	46(i)	46(ii)	47	47(i)	47(ii)	48	49	50	51	52	53	54	54(i)	55	56
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note :        Not applicable for State of Sikkim as there are no recycling or utilization facilities

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

S.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 (MT)	Quantity of domestic HW sent for recycling/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. 1 <sup>st</sup> April	at the end of financial year i.e. 31 <sup>st</sup> March
						57	58	59	60
	Not Applicable(NA)	NA	NA	NA	NA	NA	NA	NA	NA

\*Till date the SPCB-Sikkim has not received any application for authorization from the ULBs operating waste processing facilities handling Domestic Hazardous waste  
There is also no TSDF in the state to obtain the abovementioned information. Also no information regarding collection of domestic hazardous waste has been submitted by the ULBS  
Information for the same regarding the quantity and categories of the abovementioned waste have not been provided by ULBs despite issuance of notice



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

S.No.	Name of the District	Name and Address of collection centres authorized for collection	Authorized capacity (MT)	Quantity of waste received at collection centres (nos)	Quantity of waste sent for recycling/utilization (nos)	Quantity of waste sent to common TSDF (MT)	Quantity of hazardous waste stored at collection centres (MT)	
							at the beginning of the financial year i.e. 1 <sup>st</sup> April	at the end of financial year i.e. 31 <sup>st</sup> March
		65	66	67	68	69	70	71
1	Gangtok	collected by ULBs, and E-waste recycling facilities	Not specified	nil	0.55 MT	nil	Not available	nil
2	Pakyong	collected by ULBs, and E-waste recycling facilities	Not specified	nil	3.78 MT+ 7 nos.	nil	Not available	nil
3	Namchi	collected by ULBs, and E-waste recycling facilities	Not specified	nil	0.012	nil	Not available	nil
4	Mangan	collected by ULBs, and E-waste recycling facilities	Not specified	nil	Not available	Not available	Not available	Not available
5	Geyzing	collected by ULBs, and E-waste recycling facilities	Not specified	nil	Not available	Not available	Not available	Not available

**\*The Data for the above has been obtained from E-waste Annual Returns, 2022-23 of Bulk Consumers**

**A8    Details of waste collectors**

S. No.	Name of the District	Name and Address of waste collectors	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		Quantity of waste stored at begining of the year financial year i.e. 1 <sup>st</sup> April (MT)		Quantity of waste stored at end of the year financial year i.e. 31 <sup>st</sup> 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	79	80	81
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

There are no industrial HW collectors in the state

B Annual Inventory on Recycling / Utilization/Pre-processing/Co-Processing of Hazardous and Other Waste

SPCB-Sikkim

Year: 2022-23

\*Note: Such facilities has not been established in the State

S. 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
I	Hazardous Waste				
A	Commonly Recyclable HW - Facility not available in the state				
1	Brass Dross				
2	Zinc Bearing Wastes				
3	Copper Bearing Waste				
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt				
5	Lead bearing waste including battery waste				
6	E-Waste				
7	Paint and ink Sludge/residues				
8	Used oil				
9	Waste Oil				
	Add row for recycling of hazardous waste (listed under schedule IV) apart from above and provide relevant details required under the respective columns				
	Total				
B	Non-captive utilization based on CPCBs SOPs - Facility not available in the state				
1	Recovery of solvents from spent solvents				
2	Utilization of APCD Dust / Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of Pig Iron				
3	Utilization of Spent Catalyst - to recover - Platinum, Iridium, Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver				
4	Utilization of Spent H <sub>2</sub> SO <sub>4</sub> generated form Pickling operations for manufacturing Ferrous Sulphate				
5	Utilization of Spent Acid containing Molybdenum generated from filament industries for producing Molybdenum Trioxide by heating process				
6	De-contamination of contaminated drums/containers/barrels				
	Total				
C	Captive utilization of hazardous wastes for which SOP has not been prepared by CPCB - Facility not available in the state				
1					
2					
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns				
	Total				
D	Pre-processing of hazardous waste - Facility not available in the state				
1					
2					
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns				
	Total				
E	Co-processing in Cement Plants - Facility not available in the state				
1					
2					
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns				
	Total				
II	Other Waste				
A	Other waste recyclers				
B	Utilizers (under Rule 9) of other waste				
C	Utilizers (under captive utilization) of other waste				
D	Pre-processors of other waste				
E	Co-processors of other waste				

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

SPCB-Sikkim

Year:                    2022-23

\*Note: Such facilities has not been established in the State

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised 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
I.	Hazardous Wastes				
A	List of Authorized Recyclers of hazardous waste    - Facility not available in the state				
1					
	Total				
B	List of Authorized Utilizers (under Rule 9) of hazardous waste    - Facility not available in the state				
1					
2					
	Total				
C	List of Authorized Utilizers (under captive utilization) of hazardous waste    - Facility not available in the state				
1					
2					
	Total				
D	List of Authorized Pre-processors of hazardous waste    - Facility not available in the state				
1					
2					
	Total				
E	List of Authorized Co-processors of hazardous waste    - Facility not available in the state				
1					
2					
	Total				
II.	Other Wastes				
A	List of Authorized Recyclers of other waste    - Facility not available in the state				
1					
2					
	Total				
B	List of Authorized Utilizers (under Rule 9) of    other waste    - Facility not available in the state				
1					
2					
	Total				
C	List of Authorized Utilizers (under captive utilization) of other waste    - Facility not available in the state				
1					
2					
	Total				
D	List of Authorized Pre-processors of other waste				
1					
2					
	Total				
E	List of Authorized Co-processors of other waste				
1					
2					
	Total				

D1-A Details on disposal of Hazardous Waste in Common TSDF(s)

SPCB-Sikkim

Year: 2020-21

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the		*Quantity of Hazardous Waste		Quantity of Hazardous Waste		Quantity in Stock at the end of the year		Cumulative HW disposed by the end		Capacity			Design Life of SLF (in years)
		Landfillable	Incinerable	For landfill	For Incineration	For landfill	Quantity Incinerated	Landfillable	Incinerable	SLF	Incinerator	Incinerator (T/H)	Incinerator (Kcal)	Landfill (MT/A)	
		92	93	94	95	96	97	98	99	100	101	102	103	104	105
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

\*Note: Such facilities has not been established in the State

D1-B Details on disposal of Other Waste in Common TSDF(s)

SPCB-Sikkim

Year: 2022-23

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Other Waste Received (MT)		Quantity of Other Waste Disposed (MT)		Quantity in Stock at the end of the year (MT)		Cumulative other waste disposed by the end of financial	
		Landfillable	Incinerable	For landfill	For Incineration	Quantity Landfilled directly	Quantity Incinerated	Landfillable	Incinerable	SLF	Incinerator
		107	108	109	110	111	112	113	114	115	116
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

\*Note: Such facilities has not been established in the State

D2    Details on Captive TSDF (s)

SPCB-Sikkim

Year: 2022-23

S. No.	Name and Address of Captive facility	Type of facility (landfillable/ Incinerable/ both)	Capacity		HW disposed during the year (MT)		Cumulative HW disposed till the end of financial year (MT)	
			Incinerator (MT/H)	Landfill (MT/A)	SLF	Incinerator	SLF	Incinerator
	118	119	120	121	122	123	124	125
	NA	NA	NA	NA	NA	NA	NA	NA

\*Note: Such facilities has not been established in the State

D3      Details on Common TSDF(s) involved in disposal of Domestic Hazardous Waste and Fluorescent and Other Mercury containing lamps

SPCB-Sikkim

Year: 2022-23

S.No	Name and Address of the TSDFs involved in disposal of domestic Hazardous waste and Fluorescent and other mercury containing lamps	Quantity of domestic HW received	Name and address of deposition center from where such waste received	Quantity of fluorescent and other mercury containing lamps received	Name and address of collection centre from where such waste received	Quantity of Hazardous Waste Disposed (MT)		Quantity of waste stored (MT)			
						Domestic HW	Fluorescent and other mercury containing lamps	Quantity of waste stored (MT)		Fluorescent and other mercury	
								at Occupier premises at the beginning of the financial year	at Occupier premises at the end of financial year	at the beginning of the financial year	at the end of financial year
	126	127	128	129	130	131	132	133	134	135	136
	*NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

\*Till date the SPCB-Sikkim has not received any application for authorization from any facility for disposal or treatment of Domestic HW and Fluorescent and Other Mercury containing lamps  
Information for the same regarding the quantity and categories of the abovementioned waste have not been provided by ULBs despite issuance of notice.