Submission of Annual Inventory on Hazardous and Other Waste Management

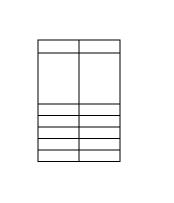
Year: 2020-2021

State Pollution Control Board-Sikkim

A1 Details on Hazardous Waste Generation

						Author	rized Quantit	y of Hazardou	s Waste	Quantity of	Hazardous Waste g	nual Return	Details on Import and Export of Hazardous Waste				
S.No.	Name of the District	Total Number of HW Generatin g Industry		Number of Units	Number of HW Units submitted annual returns	Landfillable	Incinerable in MT	Recyclable in KL	Utilizable	Landfillable	Incinerable in MT	Recyclable in KL	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	East	29	29	nil	29	nil	1600	44.8	nil	nil	1543.67	17.4	nil	nil	nil	nil	nil
2	South	20	19	M/s Aurochem Pharmaceuticals Pvt. Ltd. was closed temporarily for a year due to COVID-19	20	nil	581	30	nil	nil	371.52	9.58	nil	nil	nil	nil	nil
3	North	Nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
4	West	Nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
	total	49	48	1	49	nil	2181	74.8	nil	nil	1915.19	26.98	nil	nil	nil	nil	nil

Note: * Please specify category also (i.e. Schedule III -Part A/B/D of HOWM Rules with Basel Number)



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

		Hazardous Waste receiv	red from other State/UT	Hazardous Waste sent to other State/UT			
S. No.	Hazardous Waste	Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent (MT)	Quantity sent		
		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	1394.494 MT		
3	For recycling by Schedule IV recyclers	nil	nil	Haryana, West Bengal	26.98 KL		
4	For utilization in co-processing (cement plants)	nil	nil	Assam	645.721 MT		
5	For non-captive utilization based on CPCBs SOPs	nil	nil	nil	nil		

A3 Details on Hazardous Waste Recycled and Utilized

		Recycl	ling/Utilizatio	n of hazardous	s waste (gei	nerated with	in the State	/UT)	Recycling/Utilization of hazardous waste (received from other State/UT)				
		Quantity	of waste		Quar	tity Utilized	(MT)		Quantity of		Jtilized (MT)		
S.No.	Name of the District	Recycled (lis Schedule-IV Waste	Hazardous	Co-proces Cement	_	Non-captive utilization based on CPCBs SOPs		Captive utilization of	waste Recycled (listed under	Co- processing	Non-captive utilization		
		Generated within state	Imported	Generated within state	Imported	Generated within state	Imported	hazardous waste and Other	Schedule-IV Hazardous Wastes) (MT)	in Cement plant	based on CPCBs SOPs		
		18	19	20	21	22	23	24	25	26	27		
1	East	17.4	nil	nil	nil	nil	nil	nil	nil	nil	nil		
2	South	9.58	nil	nil	nil	nil	nil	nil	nil	nil	nil		
3	North	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil		
4	West	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil		
Total	4	26.98	26.98										

A4 Details on Hazardous Waste Disposed

	Name of the	Disposal of ha	zardous wa the State		ted within	Disposal of hazardous waste (received from oth State/UT)			
S.No.	the District	Quantity Dis Secured Land	•	Quantity through II (M	-	Quantity Disposed in common (MT)			
		Common	Captive	Common	Captive	SLF	Incinerator		
		28	29	30	31	32	33		
_					_				

The state of Sikkim does not have any facility for disposal of hazardous waste. The HW generated is trasported to West Bengal, Assam & Haryana for Treatment & disposal

A5 Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District		ity of HW stored			Total Quantity of HW stored at Occupier premises at the end of financial year i.e. 31 st March (MT)					
	District	Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		34	35	36	37	38	39	40	41		
1	East	nil	154.59	nil	nil	nil	123.03	nil	nil		
2	South	nil	117.925	nil	nil	nil	24.46	nil	nil		
	1										

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

	Name of	*Number authoriz recycling/u of Other W	ed for utlization	Authorize	d capacity 1T)	Quantity of other waste imported		Name of	Quantity of other waste	Type and	Name of	Quantity of other waste	Quantity of Other waste	Quantity of Other waste	(Schedule III v utilized/recyc	other waste vaste B and D) led during the March (MT)	Other waste sent for	Quantity of HW generated during	Quantity of HW sent for	Quantity of stored at Occup (MT) (including domestically	piers premises imported and
S.No.	the District	Other Waste Schedule III-Part B			Other Waste Schedule III-Part D	from other country	Number	Country	exported to other country (MT)		Country	domestically generated (MT)	received from other state (MT)	sent to other state (MT)		Domestically generated	disposal to Common TSDF (MT)	recycling/ utilization of other waste (MT)	disposal (MT) (as given at 54)	at the beginning of	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
Total																					

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	Authorized capacity (MT)	Quantity of domestic HW	Quantity of domestic	-	estic HW sent to TSDF (MT)	Quantity of hazardous waste stored at deposition centres (MT)		
		deposition centres authorized for		received at deposition centres (MT)	HW sent for recycling/utilization (MT)	SLF	Incinerator	at the beginning of the financial year i.e. 1 st April	at the end of financial year i.e. 31 st March	
		57	58	59	60	61	62	63	64	
	Not Applicable(NA)	NA	NA	NA	NA	NA	NA	NA	NA	
	Total									

^{*}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

The nodal department have been apprised regarding this issue in SLAB meetings as well as other inter departmental meetings

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

		No. 10 de la		Quantity of	Quantity of		-	azardous waste stored at tion centres (MT)
S.No.	Name of the District	Name and Address of collection centres authorized for collection	Authorized capacity (MT)	waste received at collection centres (nos)	waste sent for recycling/utili zation (nos)	Quantity of waste sent to common TSDF (MT)	at the beginning of the financial year i.e. 1 st April	at the end of financial year i.e. 31 st March
		65	66	67	68	69	70	71
1	East	collected by ULBs, and E-waste recycling facilities	Not specified	80	846	nil	Not available	71
2	South	collected by ULBs, and E-waste recycling facilities	Not specified	51	300	nil	Not available	nil
				_	_	_		
			2000.04 52 11 6					

The Data for the above has been obtained from E-waste Annual Returns, 2020-21 of Bulk Consumers

A8 Details of waste collectors

S. No.	Name of the	Name and Address of waste	Authorized capacity (MT)	Quantity of was		Quantity of w		Quantity of v	vaste sent to on TSDF	Quantity of waste stored at begining of the year financial year i.e. 1 st April (MT)		begining of the year financial end of the year f		ear financial
	District	collectors		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	82	83	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total														

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: 2020-21

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

	*Note: Such facilities has not been established in the State	<u> </u>			
S. No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Pre-processing/ Co- processing of HW (MT)	Total Authorized Capacity (MTA)		ilized/ Pre-processed/ Co- T) during the year Other Than Imported
			0.5		Quantity
1	Hazardous Waste	84	85	86	87
A	Commonly Recyclable HW				
1	Brass Dross				
2	Zinc Bearing Wastes				
3	Copper Bearing Waste				
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic,				
4	vanadium and cobalt				
5	Lead bearing waste including battery waste				
6	E-Waste				
7	Paint and ink Sludge/residues				
9	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				
В	Non-captive utilization based on CPCBs SOPs				
1	Recovery of solvents from spent solvents				
_	Utilization of APCD Dust / Residue generated from LD Furnace/EAF/Blast				
2	Furnace for producing cold briquettes for use in Blast Furnace for				
	production of Pig Iron Utilization of Spent Catalyst - to recover - Platinum, Iridium, Osmium,				
3	Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver				
4	Utilization of Spent H ₂ SO ₄ generated form Pickling operations for				
	manufacturing Ferrous Sulphate				
_	Utilization of Spent Acid containing Molybdenum generated from filament				
5	industries for producing Molybdenum Trioxide by heating process				
6	De-contamination of contaminated drums/containers/barrels				
	Total				
С	Captive utilization of hazardous wastes for which SOP has not been pre	epared by CPCB		•	
1					
2					
	Add row for utilization of hazardous and other wastes and provide relevant				
	details required under the respective columns Total				
	Total				
D	Pre-processing of hazardous waste			1	
1					
2					
	Add row for utilization of hazardous and other wastes and provide relevant				
	details required under the respective columns			-	
-	Take 1				
	Total	1		1	
E	Co-processing in Cement Plants				
1	as pressons in comenciation				
2					
	Add row for utilization of hazardous and other wastes and provide relevant				
	details required under the respective columns				
	Total				
II .	Other Waste	1		1	
Α	Other waste recyclers				
В	Utilizers (under Rule 9) of other waste				
_ B	Suite Stander nate Star other waste				
С	Utilizers (under captive utilization) of other waste				
D	Pre-processors of other waste				
			_		
E	Co-processors of other waste				
L					

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

SPCB-Sikkim Year: 2020-21

*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/utiliztion/co- processing	Authorized Recycling / Utilization / Co- Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)					
	79	88	89	Imported 90	Other than Imported 91				
ı.	Hazardous Wastes	00	03	90	31				
A	List of Authorized Recyclers of hazardous waste								
	, , , , , , , , , , , , , , , , , , , ,								
1									
	Total								
В	List of Authorized Utilizers (under Rule 9) of hazardo	us waste							
1									
2									
	Total								
С	List of Authorized Utilizers (under captive utilization)	of hazardous waste	T	T					
1									
2	Total								
	IUlai								
D	List of Authorized Pre-processors of hazardous waste	1	1	1					
1	2.5. C. Mationized Fre processors of hazaradus waste								
2									
	Total								
Е	List of Authorized Co-processors of hazardous waste	JI .	JI.		II.				
1									
2									
	Total								
II.	Other Wastes								
Α	List of Authorized Recyclers of other waste	1	1	T	1				
1									
2	Tabel								
	Total								
В	List of Authorized Utilizers (under Rule 9) of other w	acto							
1	List of Authorized Othizers (under Rule 9) of Other w	aste 	1						
2									
	Total								
				l	L				
С	List of Authorized Utilizers (under captive utilization)	of other waste							
1									
2									
	Total								
D	List of Authorized Pre-processors of other waste								
1									
2									
	Total								
	List of Authorized Co-processors of other waste								
E	List of Authorized co-processors of other waste	1			1				
E 1 2	List of Authorized Co-processors of other waste								

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

SPCB-Sikkim Year: 2020-21

	Name and			-	*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)	
S.No	Address of the TSDF	Landfillab le	Incinerabl e	For landfill	For Incinerati on	For landfill	Quantity Incinerate d	Landfillab le	Incinerabl e	SLF	Incinerato r	Incinerato r (T/H)	Incinerato r (Kcal)	Landfill (MT/A)	
	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
	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: 2020-21

	Name and		ing of the	↑ ()uantity of ()ther		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	
S.No	Address of the TSDF		Incinerabl e	For landfill	For Incinerati on	Quantity Landfilled directly	Quantity Incinerate d	Landfillab le	Incinerabl e	SLF	Incinerato r
	107	108	109	110	111	112	113	114	115	116	117
	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: 2020-21

	Name and Address of Captive facility	Type of facility (landfillable/	Сара	city	HW disposed d	uring the year (MT)	Cumulative HW disposed till the end of financial year (MT)		
S. No.		Incinerable/ both)	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: 2020-21

	Name and Address of the TSDFs involved in			Quantity of		Quantity of Hazardous Waste Disposed (MT)		Quantity of waste stored (MT)			
	disposal of domestic	Quantity of	Name and address of	fluorescent and	Name and address	Domestic HW		Quantity of was	te stored (MT)	Fluorescent and other mercury	
S.No	Hazardous waste and	domestic HW	deposition center from	other mercury	of collection centre from where such		Fluorescent and	at Occupier	at Occupier	at the	at the end of
5.NO	Fluorescent and other	received	where such waste received	containing lamps received	waste received		other mercury	premises at the	premises at the	beginning of	financial year
	mercury containing lamps						containing	beginning of the financial year	end of financial	the financial	
							lamps		year	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.