# GOA STATE POLLUTION CONTROL BOARD गोंय राज्य प्रदूषण नियंत्रण मंडळ

(An ISO 9001-2015, ISO 14001:2015, ISO 45001:2018 Certified Board)

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Speed Post

Date: 30/09/2022

To, The Division Head, Waste Management-II Central Pollution Control Board, Prrivesh Bhawan, East Arjun Nagar, Delhi-110032

Sub: Submission of annual inventory on Hazardous and Other Wastes generation and its management for the year 2021-2022.

Sir,

With reference to subject cited above, I am forwarding herewith the Annual Inventory on hazardous and Other wastes generation in the State of Goa for the year 2021-2022. As the data being voluminous the same is send through e-mail at <a href="https://hwmd.cpcb@nic.in">hwmd.cpcb@nic.in</a> for your information.

Yours Faithfully,

(Dr. Shamila Monteiro)

Member Secretary
For Goa State Pollution Control Board

Copy to,

- 1. Office file.
- 2. Guard file.

#### Submission of Annual Inventory on Hazardous and Other Waste Management

#### of SPCB: Goa State Pollution Contro

#### Year: 2021-2022

#### A1 Details on Hazardous Waste Generation

				Number	Number of	Authorized	Quantity of	Hazardous W	aste (Metric		Quantity o	f Hazardous V	Vaste generat	ed as per		Details on Imp	ort and Exp	ort of Hazardou	ıs Waste
S.N	Name of the District	Number of	Number of Units possessing authorisati on	exempted from	HW Units submitted	Landfillable	Incinerable	Recyclable	Utilizable	Total Quantity	Landfillable	Incinerable	Recyclable	Utilizable	Total Quantity	Quantity of HW imported during the year (Metric Tonne)	Type of HW*	Quantity of HW exported during the year (Metric Tonne)	Type of HW*
				tion	1	2	3	4	5		6	7	8	9		10	11	12	13
1	North Goa	1110	1104	6	332	415.928	16895.34	1839.3163	31317.565	50468.15	47.66	3844.59	433.034	28540.05	32865.33	NIL	NA	NIL	NA
2	South Goa	687	685	2	221	9650.865	1616.725	3572.5058	5866.643	20706.74	1.434	274.4	1752.42	2726.14	4754.394	NIL	NA	NIL	NA

Note: It may be noted that out of the total authorized units, approx. 68 % of the units are only generating HWunder category 5.1 (i.e. Used spent oil from D.G.sets, etc) and approx. 9% of the units are only generating HW under category 33.1 (i.e. discarded drums/empty containers .)

Board is in the process of issuing show cause notices to all the units which have not submitted annual returns for year 2021 to 2022

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

		Hazardous Waste receiv	ed from other State/UT	Hazardous Waste se	nt 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 (MT)
		14	15	16	17
1	For disposal at common secured landfill	NIL	NA	NIL	NA
2	For discount at a common to discount or	NIL	NA	Maharashtra	627.47
2	For disposal at common Incinerator	NIL	NA NA	Karnataka	42.11
2	For an analysis has Caba dada 194 an analysis	Karnataka	8.18	Maharashtra	540.0625
3	For recycling by Schedule IV recyclers	Maharashtra	532.82	Karnataka	163.96
		NIL	NA	Karnataka	22715.84
4	For utilization in co-processing (cement plants)	NIL	NA	Andhara Pradesh	6816.72
		NIL	NA	Maharashtra	57.67
5	For non-captive utilization based on CPCBs SOPs	NIL	NA	Gujarat	272.79
		NIL	NA	Kerala	2.087

## A3 Details on Hazardous Waste Recycled and Utilized

		Recyc	ling/Utilization	of hazardous	waste (ge	nerated with	in the State	/UT)	Recycling/Uti	lization of haz I from other S	
		Quantity of w	acta Basyslad		Quar	tity Utilized	(MT)		Quantity of	Quantity U	Itilized (MT)
	Name of the	(listed under	•	Co-proces	ssing in	Non-captive utilization		Captive	waste		
S.No.	District		ous Wastes) (MT) Cement plant based on CPCRs SOPs utilization		utilization	Recycled	Co-	Non-captive			
	District	Tiuzui dous V	ustes, (ivii)	Cemen	piune			of	(listed under	processing	utilization
		Generated		Generated				hazardous	Schedule-IV	in Cement	based on
		within state Imported		within state	Imported	within	Imported	waste and	Hazardous	plant	CPCBs SOPs
						state		Other	Wastes) (MT)		
		18	19	20	21	22	23	24	25	26	27
1	North Goa	NIL	NIL	NIL	NIL	305.1	NIL	NIL	NIL	NIL	NIL
2	South Goa	1531.184	NIL	NIL	NIL	694.176	NIL	*41	541	NIL	NIL
Total		1531.184				999.276		41	541		

 $<sup>{\</sup>rm *M/s}\ {\rm Zuari}\ {\rm Agro}\ {\rm Chemicals}\ {\rm has}\ {\rm utilized}\ {\rm 41MT}\ {\rm of}\ {\rm ETP}\ {\rm sludge}\ {\rm genertaed}\ {\rm from}\ {\rm their}\ {\rm unit}\ {\rm as}\ {\rm filler}\ {\rm material}.$ 

It may be noted that some of the units has de-contaminated empty barrels within their premises and also some of the recyclabe waste is inhouse utilised.

## A4 Details on Hazardous Waste Disposed

	Name of	Disposal of ha	zardous wa the State		ted within	(received	azardous waste I from other te/UT)
S.No.	the District	Quantity Dis Secured Land	-	through I	Disposed ncinerator IT)		Disposed in non (MT)
		Common	Captive	Common	Captive	SLF	Incinerator
		28	29	30	31	32	33
1	North Goa	rth Goa NIL NIL S		3366.47	NIL	NIL	
2	South Goa	NIL NIL		NIL NIL		NIL	NIL

<sup>\*</sup> The CHWSTDFs M/s Ponda Envocare Ltd. has obtaoined consent to operate from the Board for operation of landfill having capacity 25000MT/annum, however no waste is disposed for the finanical year 2021-2022.Presently the waste is stored at CHWSTDF site.

## A5 Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the		y of HW stored a				•	d at Occupier p r i.e. 31 <sup>st</sup> Marc	oremises at the th (MT)
	District	Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		34	35	36	37	38	39	40	41
1	North Goa	95.454	126.131	38.018	671.405	5.265	37.7343	9.6378	680.8413
2	South Goa	8.042	5.088	37.193	27.428	2183.7	46.75766	43.2189	37.996

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

			of units zed for utlization	Authorize (N	d capacity	Quantity of other waste imported	Basel	Name of	Quantity of other waste exported		Type and Name of		Name of domestically re		Quantity of Quantity of other waste domestically		(Schedule III v utilized/recyc	other waste waste B and D) led during the March (MT)	Other waste sent for disposal to	Quantity of HW generated during recycling/	Quantity of HW sent for disposal (MT)	stored at Occu (MT) (including	other waste piers premises g imported and y generated)
S.No.	the District				Other Waste Schedule III-Part D	from other country (MT)	Number	Country	to other country (MT)	category	Country	generated (MT)	other state (MT)	sent to other state (MT)	Imported	Domestically generated	Common TSDF (MT)	utilization of other waste (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		
1	North Goa	NIL	11	NA	711600	1788.45	B1010	*As listed below	NIL	NA	NA		***37409.526		1788.45	37409.526	NIL	NIL	NIL	NIL	NIL		
2	South Goa	NIL	6	NA	276360	29792.17	B1010	**As listed below	NIL	NA	NA		***74732.343		29792.17	74732.343	NIL	NIL	NIL	NIL	NIL		
Total			17		987960	31580.62							112141.869		31580.62	112141.869							

<sup>\*</sup>Senegal, Mauritania, Sierra Leone, Guinea, South Africa, Mozambique, Singapore, UAE, United Kingdom, United States, Moroni, Union Des Comorod, Cape Verde, Gambia, Belgium, Australia, Germany, Netherland Senegal, Mauritania,

<sup>\*\*</sup> Germany Gambia, NetherlandSouth Africa, Mozambique, Belgium, United Kingdom, Australia, Senegal, Mauritania,

 $<sup>\</sup>ensuremath{^{***}}\ensuremath{^{\mathsf{No}}}$  seprate data is available, hence combined data is provided.

YEAR 2021-2022

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	Quantity of domestic		estic HW sent to		ardous waste stored at on centres (MT)
		deposition centres authorized for collection		domestic HW received at deposition centres (MT)	HW sent for recycling/utilization (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	61	62	63	64
1	North Goa	NIL	NA	NA	NA	NA	NA	NA	NA
2	South Goa	NIL	NA NA	NA	NA	NA	NA	NA	
	Total	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

There are no deposition centers authorised with Goa State Pollution Control Board for collection of domestic hazardous wastes. However Board has directed the local bodies to make provision for storage of domestic hazardous waste. As per the data submitted by the various local bodies has handled appro 4.307MT of domsetic hazardous waste.

Year 2021-2022

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

		Name and Address		Quantity of	Quantity of		•	azardous waste stored at tion centres (MT)
S.No.	Name of the District	of collection centres Authorize		waste received at collection centres (MT)	waste sent for recycling/utili zation (MT)	Quantity of waste sent to common TSDF (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	North Goa	NIL	NA	NA	NA	NA	NA	NA
2	South Goa	NIL	NA	NA	NA	NA	NA	NA

There are no collection centres autorized with Goa State Pollution Control Board, for collection of fluorescent and other mercury contaning lamps. The Goa Waste Management Corporation(GWMC) has signed a MoU with M/s Karo Samhhav Pvt. Ltd. (PRO) for under taking awareness creation and collection of E-waste across the State of Goa. Also GWMC is in process of setup of dismantling facility at Pissurlem Industrial estate. However Board has directed the local bodies to make provision for storage of domestic hazardous waste. As per the data submitted by the various local bodies 21.418 MT of fluorescent waste has been handled.

#### A8 Details of waste collectors

S. No.	Name of the	Name and Address of waste collectors	waste collectors capacity (MT)						waste sent to on TSDF	begining of th	vaste stored at e year financial <sup>it</sup> April (MT)	Quantity of waste stored at end of the year financial year i.e. 31 <sup>st</sup> March (MT)	
	District			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
1	North Goa	NIL	NA	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2	South Goa	NIL	NA	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Total													

Note:There are no waste collection centres authorized by the Goa State Pollution Control Board. The Board has issued authorization for collection and transport of hazardous wsate for the recyclers/utilizer/disposal facilities. The waste generated at the occupiers premises is collected and transported to their facilities for recycling/utilization/disposal.

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

Name of SPCB: Goa State Pollution Control Board

Year:

2020-2021

		1	1		
S. No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Pre-processing/ Co-	Total Authorized Capacity (MTA)		tilized/ Pre-processed/ Co- IT) during the year
		processing of HW (MT)		Imported Quantity	Other Than Imported Quantity
		84	85	86	87
- 1	Hazardous Waste				•
Α	Commonly Recyclable HW				
•					
9	Waste Oil	1	16200	NIL	1939.55
	Total		16200		1939.55
В	Non-captive utilization based on CPCBs SOPs	1	I		l .
	Recovery of solvents from spent solvents				
1				1	
		1	360	NIL	94.48
	De-contamination of contaminated drums/containers/barrels				
6					
		3	6500	NIL	904.796
	Total		6860		999.276
С	Captive utilization of hazardous wastes for which SOP has not been pre		1	•	1
1	NA	NIL	NIL	NIL	NIL
	Total				
D	Pre-processing of hazardous waste	T	T	1	T
1	NA	NIL	NIL	NIL	NIL
	Total				
<u>E</u>	Co-processing in Cement Plants NA	NIL	NIL	NIL	NIL
1	NA NA	NIL	NIL	NIL	NIL
	Total				
II	Other Waste	ı		l	
Α	Other waste recyclers				
	Metal and metal-alloy wastes in metallic, non-dispersible form:Iron and				
1	steel scrap	17	987960	31580.62	84904.3993
	Section of the sectio		307300	31300.02	04304.3333
В	Utilizers (under Rule 9) of other waste				
	NA	NIL	NIL	NIL	NIL
	••••				
С	Utilizers (under captive utilization) of other waste				
	NA	NIL	NIL	NIL	NIL
D	Pre-processors of other waste				
	NA	NIL	NIL	NIL	NIL
E	Co-processors of other waste				
	NA	NIL	NIL	NIL	NIL
_					

Year:

2021-2022

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)	Imported	lized/Co-processed (MT)  Other than Imported	
I.	79 Hazardous Wastes	88	89	90	91	
Α	List of Authorized Recyclers of hazardous waste					
1	M/s. Canacona Hydrocarbons, Plot No.87 & 89,					
	Canacona Industrial Estate, Canacona Goa.	Waste oil	16200 16200	NIL	1825.43 1825.43	
	Total		16200		1825.43	
В	List of Authorized Utilizers (under Rule 9) of hazardous M/s. ASHUTOSH INDUSTRIES	waste	360			
1	Plot No.A-40, Madkaim Industrial Estate,	Spent solvents (20.2)				
	Madkaim Goa	Spent Organic Solvent (28.5)		NIL	94.48	
	M/S. SONALI ENTERPRISES	Empty barrels/containers/liners	1200			
2	(Represented By: Shri. Kishor R. Gaonkar) House No. 297/18/2A,	contaminated with hazardous				
	Mangaddo, Corlim, Tiswadi, Goa	chemicals /wastes(33.1)		NIL	210.62	
		Empty barrels/containers/liners	4800			
3	M/s Sharif and Sons Plot No R-25-26/09 Kundaim	contaminated with				
	Industrial Estate,Kundaim	hazardous chemicals /wastes(33.1)		NIL	0	
	M/s. Deepak Enterprises Represented by Mr. Vijay Kumar A. Gadvi)	Empty barrels/containers/liners				
4	Plot No. N-63, Verna Industrial Estate.	contaminated with hazardous				
	Verna, Salcete- Goa	chemicals /wastes(33.1)	500	NIL	694.176	
	Total		6860		999.276	
ç	List of Authorized Utilizers (under captive utilization) o	hazardous waste				
1						
	Total List of Authorized Pre-processors of hazardous waste					
D 1	NIL	NA	NA	NA	NA	
	Total					
	List of Authorized Co-processors of hazardous waste					
1	NIL	NA	NA	NA	NA	
	Total					
II. A	Other Wastes List of Authorized Recyclers of other waste					
, –	Goa Sponge Power Ltd., Survey no.58/59/60,	Metal and metal-alloy wastes in metallic, non-				
1	Village Santona, Taluka Sanguem, Goa	dispersible form:Iron and steel scrap	108000	6490.49	23297.31	
	Shraddha Ispat (melting division), Plot no. M-1,	Metal and metal-alloy	108000			
2	Cuncolim Industrial Estate, Cuncolim, Goa.	wastes in metallic, non- dispersible form:Iron and		1614.711	18529.05	
		steel scrap Metal and metal-alloy	45000			
3		wastes in metallic, non-				
3	Maa Durga, Plot No. L-1,Cuncolim Industrial Estate, Cuncolim, Goa	dispersible form:Iron and steel scrap		0	0	unit is cl
		Metal and metal-alloy			Ü	unit is co
4	Global Ispat Limited, Plot No. M-18 & 19, Cuncolim Industrial Estate,	wastes in metallic, non- dispersible form:Iron and		21620	28753	
	Cuncolim, Goa	steel scrap Metal and metal-alloy	42000			
5	Rukminirama Steel Rolling Pvt. Ltd. (Melting Division),	wastes in metallic, non-				
	Plot no. L-17, Cuncolim Industrial Estate, Cuncolim, Goa	dispersible form:Iron and steel scrap	46800	0	0	unit is cl
	Shri. Balaji Rollings Pvt. Ltd., Plot No. 14/15, Cuncolim	Metal and metal-alloy wastes in metallic, non-				
6	Incolim londustrial Estate,	dispersible form:Iron and		66.972	4152.983	
	Cuncolim, Goa.	steel scrap	34560			
7	Kundil Alloys, Plot no. A-1, Near IDC Pump house, Kundaim Industrial Estate,	Metal and metal-alloy wastes in metallic, non-				
	Kundaim, Goa	dispersible form:Iron and		_		
	Mandovi Metal, Plot No. 200-A,Kundaim Industrial	steel scrap Metal and metal-alloy	0	0	0	Unit is cl
8	Estate, Kundaim-Goa.	wastes in metallic, non- dispersible form:Iron and				
	Shivam Ispat (P) Ltd., Plot No.333-335, Kundaim	steel scrap	0	0	0	Unit is cl
9	Industrial Estate,	Metal and metal-alloy wastes in metallic, non-				
9	Kundaim, Goa 403115	dispersible form:Iron and steel scrap	432000	0		
	Ambey Forging, Plot No. 343.Kundaim Industrial Estate.	Metal and metal-alloy				
10	Ambey Forging, Plot No. 343, Kundaim Industrial Estate, Kundaim-Goa.	wastes in metallic, non-				
	i e	dispersible form:Iron and				
	Karthik induction,. Plot No. 120-121,	steel scrap Metal and metal-alloy	0	0	0	unit is cl
11	Kundaim Industrial Estate,	steel scrap Metal and metal-alloy wastes in metallic, non-	a	0	3231.89	unit is cl
11	Kundaim Industrial Estate, Kundaim-Goa.	steel scrap  Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap	0 38640			unit is cl
	Kundaim Industrial Estate,	steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap Metal and metal-alloy wastes in metallic, non-				unit is cl
11	Kundaim Industrial Estate, Kundaim-Goa. Mohit ispat Amona, Plot No. 1, Navelim Village, Bicholim	steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and	38640	0	3231.89	
	Kundaim Industrial Estate, Kundaim-Goa. Mohit spat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa	steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap Metal and metal-alloy Metal and metal-alloy			3231.89	
	Kundaim Industrial Estate, Kundaim-Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate,	steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap	38640	0	3231.89	
12	Kundaim Hodustrial Estate, Kundaim-Goa.  Mohit spast Ammas, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate,	steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:Iron and steel scrap	38640	0	3231.89	unit is cl
12	Kundaim Moustrale State, Kundaim-Goa. Mobit lipat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa. West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa. Goa lapat, Plot No. E-16, Madkaim Industrial Estate,	steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap Metal and metal-alloy wastes in metallic, non- wastes in metallic, non-	38640 114000	0	3231.89 0	unit is cl
12	Kundaim Moustrale State, Kundaim-Goa. Mobit lipat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa. Goa lipat, Plot No. E-16, Madkaim Industrial Estate, Madkaim, Goa.	steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form:ron and steel scrap steel scrap	38640 114000	0	3231.89	unit is cl
12	Kundaim findustrial State, Kundaim Fola, Mohit ispat Amona, Plot No. 1, Navelim Village, Bisholim industrial Estate, Navelin, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa boat, Plot No. 6-16, Madkaim Industrial Estate, Madkaim, Goa.  Gos Steel, Survey No. 37/1, Radhakrishna Industrial	steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form/ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form/ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form/ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form/ron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form/ron and steel scrap Metal and metal-alloy	38640 114000 43860	0	3231.89 0	unit is cl
12	Kundaim Moustrale State, Kundaim-Goa. Mobit lipat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa. Goa lipat, Plot No. E-16, Madkaim Industrial Estate, Madkaim, Goa.	steel scrap Metal and meta-alloy wastes in metallic, non- dispersible form sirron and steel scrap Metal and meta-alloy dispersible form form and steel scrap Metal and meta-alloy dispersible form sirron and steel scrap Metal and meta-alloy wastes in metallic, non- dispersible form sirron and steel scrap Metal and meta-alloy wastes in metallic, non- dispersible form sirron and steel scrap Metal and metal-alloy wastes in metallic, non- dispersible form sirron and steel scrap wastes in metallic, non- dispersible form sirron and steel scrap wastes in metallic, non- dispersible form sirron and	38640 114000 43860 21900	0	0 0 4,527.33	unit is cl
12	Kundaim Moustrale State, Kundaim-Goa. Mobit Ispat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa. Goa tipat, Plot No. E-16, Madkaim Industrial Estate, Madkaim, Goa. Goa Steek, Survey No. 32/1, Radhakrishna Industrial Estate,	steel scrap Metal and metal silloy wastes in metallic, non-dispersible formittion and steel scrap Metal and metal-silloy wastes in metallic, non-dispersible formittion and severed scrap wastes in metallic, non-dispersible formittion and severed in metal-silloy wastes in metallic, non-dispersible formittion and severed scrap Metal and metal-silloy wastes in metallic, non-dispersible formittion and steel scrap. Metal and metal-silloy wastes in metal-silloy	38640 114000 43860	0	0 0 4,527.33	unit is cl
12	Kundaim findustrial State, Kundaim Goa.  Mohit lopis Amona, Plot No. 1, Navelim Village, Bisholim millustrial Edite, Navelim, Goa.  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa toat, Plot No. E-16, Madkaim Industrial Estate, Madkaim, Goa.  Goa Steel, Survey No. 37/1, Radhakrishna Industrial Estate, Bisholim-Goa	these turns of the turns of the turns of the turns of the turn of the turns of turn	38640 114000 43860 21900	0	0 0 4,527.33	unit is cl
12 13 14	Kundaim Moustrale State, Kundaim-Goa. Mobit Ispat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa. Goa tipat, Plot No. E-16, Madkaim Industrial Estate, Madkaim, Goa. Goa Steek, Survey No. 32/1, Radhakrishna Industrial Estate,	these turns of the turns of turns of turns of the turns of turn	38640 114000 43860 21900	0 0 0 310.09	0 0 4527.33	unit is clo unit is clo
12 13 14	Kundaim findustrial State, Kundaim Goa.  Mohit lopis Amona, Plot No. 1, Navelim Village, Bisholim millustrial Edite, Navelim, Goa.  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa toat, Plot No. E-16, Madkaim Industrial Estate, Madkaim, Goa.  Goa Steel, Survey No. 37/1, Radhakrishna Industrial Estate, Bisholim-Goa	Intel scrap Metal and metal alloy wastes in metallic, non-dispensible formittion and their scrap wastes in metallic, non-dispensible formittion and steel scrap wastes in metallic, non-dispensible formittion and wastes in metallic, non-dispensible formittion and steel intelligent formittion and steel scrap Metal and metal-alloy wastes in metallic, non-dispensible formittion and steel scrap. Metal and metal-alloy wastes in metallic, non-dispensible formittion and steel scrap. Metal and metal-alloy wastes in metallic, non-dispensible formittion and steel scrap Metal and metal-alloy wastes in metallic, non-dispensible formittion and steel scrap wastes in metallic, non-dispensible formittion and Metal and metal-alloy wastes in metallic, non-dispensible formittion and Metal and metal-alloy wastes in metallic, non-dispensible formittion and Metal and metal-alloy wastes in metallic, non-dispensible formit non and Metal and metal-alloy wastes in metallic, non-dispensible formit non and Metal and metal-alloy wastes in metallic, non-dispensible formit non and Metal and metal-alloy wastes in metallic, non-	38640 114000 43860 21900	0 0 0 310.09	0 0 4527.33	unit is clo unit is clo
12 13 14 15	Kundaim findustrial State, Kundaim Goa.  Mohit lopis Amona, Plot No. 1, Navelim Village, Bisholim millustrial Edite, Navelim, Goa.  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa toat, Plot No. E-16, Madkaim Industrial Estate, Madkaim, Goa.  Goa Steel, Survey No. 37/1, Radhakrishna Industrial Estate, Bisholim-Goa	these turns of the turns of turns of turns of the turns of turn	38640 114000 43860 21900	0 0 310.09	0 0 4,527,33 0 19478,36	unit is cl
12 13 14 15	Kundaim Moustrale State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa  West coast ingot, Plot No. 01,Kundaim Industrial Estate, Kundaim, Goa.  Goa Ispat, Plot No. E-16, Madkaim Industrial Estate, Modikam, Goa.  Goa Steef, Survey No. 37/1,Radhakrishna Industrial Estate, Bicholim-Goa  MOHIT STEEL INDUSTRIES PBINATE LIMITED,Kundaim	steel surge workers and metal-alloy workers in metallic, non-dispersible formitten and total control steel surge. The steel surge workers in metallic, non-dispersible formitten and steel surge workers in metallic, non-dispersible formitten and steel surge Metal and metal-alloy workers in metallic, non-dispersible formitten and steel surge workers in metallic, non-dispersible formitten and Metal and metallic, non-dispersible formitten and	38640 114000 43860 21900 1200	0 0 310.09	0 0 4,527,33 0 19478,36	unit is cl
12 13 14 15	Kundaim findustrial State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bicholim industrial Estate, Navelim, Goa  West coast ingot, Plot No. 01, Kundaim industrial Estate, Kundaim, Goa.  Goa Ispat, Plot No. 61, Kundaim industrial Estate, Madikaim, Goa.  Goa Steef, Survey No. 37/1, Radhakrishna Industrial Estate, Bicholim Goa  MOHIT STEEL INDUSTRIES PRIVATE LIMITED, Kundaim  Mandovi steef, Kundaim  Total	steel surge water in metalls alloy water in metalls, non-float and metal alloy water in metalls, non-float profit and the surge of the	38640 114000 43860 21900 1200 30000	0 0 310.09 0 894.76	0 0 4,527,33 0 19478,36	unit is cl
12 13 14 15	Kundaim Moustrale State, Kundaim Goa.  Mohit lipat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Novelim, Goa  West coast Ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa Stpat, Plot No. 6-16, Madisaim Industrial Estate, Madisaim, Goa.  Goa Steet, Survey No. 37/1, Radhakrishna Industrial Estate, Bicholim Goa  MOHET STEEL INDUSTRIES PRIVATE LIMITED, Kundaim  Mandovi steet, Kundaim  Total  List of Authorized Utilitiers (under Rule 9) of other was	steel scrap Metal and metal silloy wastes in metallic, non-dispersible formition and steel scrap Metal and metallic scrap scra	38640 114000 43860 21900 1200 30000 30000 987960	0 0 310.09 0 894.76 583.6	0 0 4.527.33 0 19478.35 10172.05 112141.869	unit is cl
12 13 14 15 16	Kundaim Moustrale State, Kundaim-Goa.  Mohit lipat Amona, Plot No. 1, Navelim Village, Bicholm Industrial Estate, Novelim, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa Sepat, Plot No. 6-16, Madkaim Industrial Estate, Madkaim, Goa.  Goa Sepat, Plot No. 6-16, Madkaim Industrial Estate, Madkaim, Goa.  Mos Steel, Survey No. 37/1, Radhakrishna Industrial Estate, Bicholim-Goa  MOHET STEEL INDUSTRIES PRIVATE LIMITED, Kundaim  Mandovi steel, Kundaim  Total  List of Authorized Utilitiers (under Rule 9) of other was  NIL	steel scrap Metal and metal silloy wastes in metallic, non-dispersible formition and steel scrap Metal and metallic scrap scra	38640 114000 43860 21900 1200 30000	0 0 310.09 0 894.76	0 0 4,527,33 0 19478,36	unit is cl
12 13 14 15 16	Kundaim Moustrale State, Kundaim Goa.  Mohit lipat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Novelim, Goa  West coast Ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa Stpat, Plot No. 6-16, Madisaim Industrial Estate, Madisaim, Goa.  Goa Steet, Survey No. 37/1, Radhakrishna Industrial Estate, Bicholim Goa  MOHET STEEL INDUSTRIES PRIVATE LIMITED, Kundaim  Mandovi steet, Kundaim  Total  List of Authorized Utilitiers (under Rule 9) of other was	steel scrap Metal and metal silloy wastes in metallic, non-dispersible formition and steel scrap Metal and metallic scrap scra	38640 114000 43860 21900 1200 30000 30000 987960	0 0 310.09 0 894.76 583.6	0 0 4.527.33 0 19478.35 10172.05 112141.869	unit is cl
12 13 14 15 16 17 C	Kundaim Moustrale State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa Inpat, Plot No. 6-16, Madkaim Industrial Estate, Kundaim, Goa.  Goa Inpat, Plot No. 6-16, Madkaim Industrial Estate, Moliciaim, Goa.  Goa Steef, Survey No. 32/1, Rachhakrishna Industrial Estate, Bicholim-Goa  MONIT STEEL INDUSTRIES PRIVATE LIMITED, Kundaim Mandovi steel, Kundaim  Total  Ust of Authorized Utilizers (under Rule 9) of other was NIK.  Total  List of Authorized Utilizers (under Rule 9) of other was NIK.  Total	steel surge water in metallic, non-dispersible formitten and metal alloy water in metallic, non-dispersible formitten and steel surge water in metal alloy metal and metal alloy metal and metal alloy metal and metal alloy metal and metal alloy water in metallic, non-dispersible formitten and steel surge Metal and metal alloy water in metallic, non-dispersible formitten and steel surge water in met	38640 114000 43860 21900 1200 30000 387960	0 0 0 310.09 0 894.76 583.6 31580.623	3231.89  0  4527.33  0  33478.26  10172.05  112141.869	unit is cl
12 13 14 15 16 17	Kundaim Moustrial State, Kundaim Goa.  Mobit logis Amona, Plot No. 1, Navelim Village, Bisholim millustrial Edite, Navelim, Goa.  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa Ispat, Plot No. 6-16, Madkaim Industrial Estate, Madkaim, Goa.  Goa Steel, Survey No. 37/1, Radhakrishna Industrial Estate, Bisholim-Goa  MONET STEEL INDUSTRIES PRIVATE LIMITED, Jundaim Mandovi steel, Kundaim  Total  List of Authorized Utilizers (under Rule 9) of other was  NK.  NK.	thele turny of Metal and metal-alloy worker in metallic, non-dispensible formitten and tested turny.  Metal and metal-alloy worker in metallic, non-dispensible formitten and tested turny.  Metal and metal-alloy worker in metallic, non-dispensible formitten and tested turny and tested turny and tested turny and tested turny worker in metallic, non-dispensible formitten and metal-alloy worker in metallic, non-dispensible formitten and metal-alloy worker in metallic, non-dispensible formitten and metal-alloy worker in metallic, non-dispensible formitten and tested turny worker in metallic, non-dispensible formitten and tested turny.	38640 114000 43860 21900 1200 30000 30000 987960	0 0 310.09 0 894.76 583.6	0 0 4.527.33 0 19478.35 10172.05 112141.869	unit is cl
12 13 14 15 16 17 C	Kundaim Moustrale State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa Inpat, Plot No. 6-16, Madkaim Industrial Estate, Kundaim, Goa.  Goa Inpat, Plot No. 6-16, Madkaim Industrial Estate, Moliciaim, Goa.  Goa Steef, Survey No. 32/1, Rachhakrishna Industrial Estate, Bicholim-Goa  MONIT STEEL INDUSTRIES PRIVATE LIMITED, Kundaim Mandovi steel, Kundaim  Total  Ust of Authorized Utilizers (under Rule 9) of other was NIK.  Total  List of Authorized Utilizers (under Rule 9) of other was NIK.  Total	steel surge water in metallic, non-dispersible formitten and metal alloy water in metallic, non-dispersible formitten and steel surge water in metal alloy metal and metal alloy metal and metal alloy metal and metal alloy metal and metal alloy water in metallic, non-dispersible formitten and steel surge Metal and metal alloy water in metallic, non-dispersible formitten and steel surge water in met	38640 114000 43860 21900 1200 30000 387960	0 0 0 310.09 0 894.76 583.6 31580.623	3231.89  0  4527.33  0  33478.26  10172.05  112141.869	unit is cl
12 13 14 15 16 17 CC 1	Kundaim Moustrale State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bisholim industrial Estate, Navelim, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa lotgat, Plot No. 61, Kundaim Industrial Estate, Modikim, Goa.  Goa Steef, Survey No. 37/1, Radhakrishna Industrial Estate, Bisholim Goa  MOHIT STEEL INDUSTRIES PRIVATE LIMITED, Kundaim  Mandovi steef, Kundaim  Total  List of Authorized Utilizers (under Rule 9) of other was  NR.  Total  List of Authorized Utilizers (under Rule 9) of other was  NR.  Total  List of Authorized Utilizers (under captive utilization) o  NR.  Total  List of Authorized Pie-processors of other waste	steel surge water in metallic, non-dispersible formation and steel surge. Metal and metallic steel surge. See the surge of	38640  114000  43860  21900  30000  30000  987960	0 0 0 310.09 0 994.76 583.6 31580.623	0 0 4,527.33 0 0 33478.26 10172.05 132241.869	unit is cl
12 13 14 15 16 17 C 1	Kundaim Moustrala State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bicholm Industrial State, Novelim, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa Ispat, Plot No. E-16, Madkaim Industrial Estate, Kundaim, Goa.  Goa State, Survey No. 37/1, Rudhakrishna Industrial Estate, Bisholim-Goa  MOHIT STEEL INDUSTRIES PRIVATE LIMITED, Kundaim  Total  Ust of Authorized Utilizers (under Rule 9) of other was NL.  Total  Ust of Authorized Utilizers (under captive utilization) o NR.  Total	steel surge water in metallic, non-dispersible formation and steel surge. Metal and metallic steel surge. See the surge of	38640  114000  43860  21900  30000  30000  987960	0 0 0 310.09 0 894.76 583.6 31580.623	3231.89  0  4527.33  0  33478.26  10172.05  112141.869	unit is cl
12 13 14 15 16 17 CC 1	Kundaim Moustrale State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bisholim industrial Estate, Navelim, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa lotgat, Plot No. 61, Kundaim Industrial Estate, Modikim, Goa.  Goa Steef, Survey No. 37/1, Radhakrishna Industrial Estate, Bisholim Goa  MOHIT STEEL INDUSTRIES PRIVATE LIMITED, Kundaim  Mandovi steef, Kundaim  Total  List of Authorized Utilizers (under Rule 9) of other was  NR.  Total  List of Authorized Utilizers (under Rule 9) of other was  NR.  Total  List of Authorized Utilizers (under captive utilization) o  NR.  Total  List of Authorized Pie-processors of other waste	steel surge water in metallic, non-dispersible formation and steel surge. Metal and metallic steel surge. See the surge of	38640  114000  43860  21900  30000  30000  987960	0 0 0 310.09 0 994.76 583.6 31580.623	0 0 4,527.33 0 0 33478.26 10172.05 132241.869	unit is cl
12 13 14 15 16 17 CC 1	Kundaim Moustrale State, Kundaim Moustrale State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bischolim Industrial Estate, Newton, Goa  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa Ispat, Plot No. 6-16, Madkaim Industrial Estate, Madskaim, Goa.  Gos Steef, Survey No. 37/1, Radhakrishna Industrial Estate, Beholm Goa  MOHET STEEL INDUSTRIES PRIVATE LIMITED, Kundaim  Total  List of Austhorized Utilizers (under Rule 9) of other was  NIL  Total  List of Austhorized Utilizers (under captive utilization) o  NIL  Total  List of Austhorized Villizers (under captive utilization) o  NIL  Total  List of Austhorized Villizers (under captive utilization) o  NIL  Total  List of Austhorized Openocessors of other waste  NIL  Total  List of Austhorized Copenocessors of other waste  NIL  Total  List of Austhorized Copenocessors of other waste  NIL  Total  List of Austhorized Copenocessors of other waste  NIL  Total  List of Austhorized Copenocessors of other waste  NIL  List of Austhorized Copenocessors of other waste	thele turns of the third and metal-alloy wastes in metallic, non-dispensible formittion and total turns of the turns of tu	38640 114000 43860 21900 30000 987960	0 0 0 330.09 0 994.76 583.6 33580.623	0 0 4,527,33 0 0 19478,36 100172,05 132141,869	unit is cle unit is cle unit is cle unit is cle
12 13 14 15 16 17  C 1 1	Kundaim Moustrale State, Kundaim Goa.  Mohit ispat Amona, Plot No. 1, Navelim Village, Bicholim Industrial Estate, Navelim, Goa.  West coast ingot, Plot No. 01, Kundaim Industrial Estate, Kundaim, Goa.  Goa lapat, Plot No. E-16, Madkaim Industrial Estate, Kundaim, Goa.  Goa lapat, Plot No. E-16, Madkaim Industrial Estate, Moldiaim, Goa.  Goa Steef, Survey No. 33/1, Radhakrishna Industrial Estate, Bicholim-Goa  MOHIT STEEL INDUSTRIES PRIVATE LIMITED, Kundaim Mandovi steel, Kundaim  Total  List of Authorized Utilizers (under Rule 9) of other was NB.  Total  List of Authorized Utilizers (under captive utilization) o NR.  Total  List of Authorized Utilizers (under captive utilization) o NR.  Total  List of Authorized Utilizers (under captive utilization) o NR.  Total  List of Authorized Utilizers (under captive utilization) o NR.  Total	thele turns of the third and metal-alloy wastes in metallic, non-dispensible formittion and total turns of the turns of tu	38640 114000 43860 21900 30000 987960	0 0 0 310.09 0 994.76 583.6 31580.623	0 0 4,527.33 0 0 33478.26 10172.05 132241.869	unit is clo unit is clo

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

Name of SPCB: Goa State Pollution Control Board

S.No	the TSDF	Landfillabl e	Incinerabl	_	For			(	IT)	of financia	l year (MT)				(in years)
		ď	е	For landfill	Incinerati on	For landfill	Quantity Incinerate d	Landfillabl e	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
1	M/s Ponda Envocare Limited (formerly known M/s SMS Envocare Limited) Plot No. 5 and 5A, Pissurlem Industrial Estate, Pissurlem, Sattari, Goa.	NIL	NIL	178.55	15.107	NIL	NIL	178.55	15.107	NIL	NIL	1.5	NA	25000	10

2021-2022

2021-2022

Year:

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

Name of SPCB: Goa State Pollution Control Board

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	
		Landfillabl e	Incinerabl e	For landfill	For Incinerati on	Quantity Landfilled directly	Quantity Incinerate d	Landfillabl e	Incinerabl e	SLF	Incinerato r
	107	108	109	110	111	112	113	114	115	116	117
1	M/s Ponda Envocare Limited (formerly known M/s SMS Envocare Limited) Plot No. 5 and 5A, Pissurlem Industrial Estate, Pissurlem, Sattari, Goa.	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

## D2 Details on Captive TSDF (s)

## Name of SPCB: Goa State Pollution Control Board

	Name and Address of Captive	Type of facility (landfillable/	Capacity		_	d during the year (MT)	Cumulative HW disposed till the end of financial year (MT)		
S. No.	facility	Incinerable/ both)	Incinerator (MT/H)	Landfill (MT/A)	SLF	SLF Incinerator		Incinerator	
	118	119	120	121	122	123	124	125	
1	M/s MALCO ENERGY LIMITED. (Captive Secured Landfill Facility) PLOT NO:Quarry Portion Within Cuncolim IDC allotted by GIDC, Plot No. L15, 19,20 Cuncolim IDC Salcete Goa, , Cuncolim - 403703	*Captive secured Landfill Facility	NA	106846 MT	NIL	NA	79166.23 MT	NA	
2	M/s Deccan Fine Chemicals (India) Private Limited, Santa Monica Works, Corlim, Ilhas, Goa 403110	Incinerator	3500 Tons/Month 2600 Tons/Month (2600 Tons/mon incinerator not in operation)	NA	NA	3353.05	NA	3353.05	

Year: 2021-2022

<sup>\*</sup>It may be noted that the unit M/s Nicomet Industries Ltd., has closed down their operations since 2019 and the operations has been taken over by M/s MALCO energy ltd through NCLT. The unit has 2087 MT of landfillable Hazardous waste stored within their premises in M11 closed shed in Cuncolim Industrial Estate.

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

Name of SPCB: Goa State Pollution Control Board

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	fluorescent and	Name and address of collection centre from where such waste received	Quantity of Hazardous Waste Disposed (MT)		Quantity of waste stored (MT)			
							Fluorescent and other mercury	Quantity of waste stored (MT)		Fluorescent and other mercury	
						Domestic HW		at Occupier		at the beginning	
								premises at the	premises at the	of the financial	financial year
							containing	beginning of the	end of financial	year	
							lamps	financial year	year		
	126	127	128	129	130	131	132	133	134	135	136
1	NA	NIL	NA	NIL	NA	NIL	NIL	NIL	NIL	NIL	NIL

2021-2022

Year: