



Tel : 2564033/2563924  
EPABX : 2561909/2562847  
E-mail: hwmd@ospcb.org /  
Website: www.ospcb.org

## STATE POLLUTION CONTROL BOARD, ODISHA

[DEPARTMENT OF FOREST & ENVIRONMENT, GOVERNMENT OF ODISHA]

Paribesh Bhawan, A/118, Nilakantha Nagar, Unit – VIII  
Bhubaneswar - 751012, INDIA

No 10554 / IND-IV-HW-MISC-282

Dt 22-10-2020

By Speed Post / E-mail : hwmd.cpcb@nic.in

To

**The Additional Director & Divisional Head  
Waste Management-II Division  
Central Pollution Control Board, Delhi  
East Arjun Nagar, Shahdara  
Delhi - 110032**

Sub: **Submission of Annual Inventory on Hazardous Waste Generation & its Management for the year 2019-20-regarding.**

Sir,

With reference to above, please find enclosed herewith the information on annual inventory of hazardous waste generation and its management for the year 2019-2020 as per the prescribed formats. The reports have been prepared based on the annual returns received from the occupiers of the hazardous waste generating units, actual users and the operator of the facility for disposal of hazardous and other wastes as per rules-20(3) under Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016. The units who have not yet submitted the annual returns have been directed by the Board to comply. In case, any more returns are received, the information will be updated in the web portal of CPCB.

The above information is also being uploaded on SPCB E-Sanyojan portal of CPCB.


Yours faithfully,

Encl.- As above

  
Member Secretary

Memo No. 10555 Dtd. 22-10-2020 By E-mail : zokolkatta.cpcb@nic.in

Copy forwarded to the Regional Director, Zonal Office, Central Pollution Control Board (CPCB), Southend Conclave, Block 502, 5<sup>th</sup> & 6<sup>th</sup> Floors, 1582 Rajdanga Main Road, Kolkata, West Bengal- 700107 for information.

  
Member Secretary

**Annual Inventory on Hazardous and Other Waste Management**

Name of SPCB/PCC: ODISHA

Year: 2019-20

A1 Details on Hazardous Waste Generation																			
Sl. No.	Name of the District	Total Number of HW Generating Industry	Number of Units possessing authorisation	Number of Units exempted from obtaining Authorisation	Number of HW Units submitted annual returns	Authorized Quantity of Hazardous Waste (Metric Tonne)				Total Quantity	*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Total Quantity	Details on Import and Export of Hazardous Waste			
						Landfillable	Incinerable	Recyclable	Utilizable		Landfillable	Incinerable	Recyclable	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	Angul	22	22	0	19	10176.720	398.025	2080.220	94129.555	106784.520	5707.031	109.718	559.924	79083.480	85460.153	0.000	0.000	0.000	0.000
2	Balasore	16	16	0	14	31.500	85.164	87.150	5709.100	5912.914	6.412	15.715	36.460	4179.514	4238.101	0.000	0.000	0.000	0.000
3	Bargarh	4	4	0	2	0.200	0.000	60.000	0.050	60.250	0.000	0.000	11.430	0.016	11.446	0.000	0.000	0.000	0.000
4	Bhadrak	3	3	0	2	20.400	0.250	6561.200	121.000	6702.850	1.600	0.000	922.146	1.154	924.900	0.000	0.000	0.000	0.000
5	Bolangir	2	2	0	1			6.000		6.000			5.900	5.900					
6	Cuttack	23	23	0	14	26.780	22.551	155.435	9440.680	9645.446	6.240	0.000	24.655	7309.701	7340.596	0.000	0.000	0.000	0.000
7	Dhenkanal	11	11	0	7	2564.900	211.000	2317.050	57948.050	63041.000	959.726	0.386	849.890	44942.958	46752.960	0.000	0.000	0.000	0.000
8	Ganjam	7	7	0	5	2.650	0.815	1515.705	173.100	1692.270	0.300	0.038	299.107	230.133	529.578	0.000	0.000	0.000	0.000
9	Jagatsinghpur	16	16	0	14	11523.170	210.015	5283.200	17248.600	34264.985	1788.600	90.907	7971.262	8353.400	18204.169	0.000	0.000	0.000	0.000
10	Jajpur	31	31	0	17	73440.250	450.770	1141.980	42672.700	117705.700	23276.513	16.478	270.821	19931.390	43495.202	0.000	0.000	0.000	0.000
11	Jharsuguda	30	30	0	18	8722.202	264.943	1360.500	403750.900	414098.545	6911.787	61.250	500.443	240063.388	247536.868	0.000	0.000	0.000	0.000
12	Keonjhar	51	51	0	39	45.960	177.940	920.840	15559.882	16696.372	0.380	6.639	360.061	10145.036	10512.116	0.000	0.000	0.000	0.000
13	Khurda	26	26	9	14	46.750	2.690	38.345	13771.510	13859.295	11.330	0.860	23.215	13739.921	13775.326	0.000	0.000	0.000	0.000
14	Kalahandi	1	1	0	1	22.000	3.000	72.000	3006.000	3103.000	6.990	3.000	50.000	41.140	101.130				
15	Koraput	5	5	0	5	30.520	38.520	1450.750	95.658	1615.448	153.650	2.800	404.244	108.798	669.492	0.000	0.000	0.000	0.000
16	Malkangiri	1	1	0	1			8.000	7.000	15.000			1.020	5.780	6.800				
17	Mayurbhanj	2	2	0	1	0.050	0.000	0.010	2.000	2.060	0.022		1.900	1.922					
18	Rayagada	5	5	0	4	332.200	19.000	245.000	2601.300	3197.500	120.200	5.407	137.358	1701.149	1964.114	0.000	0.000	0.000	0.000
19	Sambalpur	16	16	0	9	7383.510	404.850	827.040	122919.380	131534.780	8227.366	0.069	1197.842	101581.639	111006.916	0.000	0.000	0.000	0.000
20	Sundargarh	88	88	0	44	577.132	103.716	1302.648	82400.531	84383.997	365.092	7.755	685.175	86264.627	87311.236	0.000	0.000	0.000	0.000
		<b>360</b>	<b>360</b>	<b>9</b>	<b>231</b>	<b>114946.894</b>	<b>2393.249</b>	<b>25433.073</b>	<b>871556.996</b>	<b>1014321.932</b>	<b>47543.239</b>	<b>321.022</b>	<b>14310.953</b>	<b>617685.124</b>	<b>679848.925</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

\* This shall also include hazardous waste generated during recycling/utilization of hazardous waste imported from other countries as well as received from other States/UTs. However, it shall not include the quantity of hazardous waste  
 Note: Other units such as Kilo Litres or Numbers shall be converted into Metric Tonnes and therefore, the quantity of hazardous waste shall be reported only in Metric Tonne.



## Annual Inventory on Hazardous and Other Waste Management

Name of SPCB/PCC: ODISHA

Year: 2019-20

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

Sl. No.	Hazardous Waste	Hazardous Waste received from		Hazardous Waste sent to other	
		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	-	-	-	-
2	For disposal at common Incinerator	-	-	-	-
3	For recycling by Schedule IV recyclers	-	-	<b>West Bengal</b>	<b>1443.33</b>
				<b>Maharashtra</b>	<b>1449.10</b>
				<b>Andhra</b>	<b>259.52</b>
				<b>Haryana</b>	<b>1123.94</b>
				<b>Karnataka</b>	<b>829.45</b>
				<b>Rajasthan</b>	<b>382.79</b>
				<b>Telangana</b>	<b>313.03</b>
4	For utilization in co-processing (cement plants)	-	-	<b>Andhra Pradesh</b>	<b>44.870</b>
5	For utilization under Rule 9	-	-	-	-
				-	-

**Annual Inventory on Hazardous and Other Waste Management**

Name of SPCB/PCC : ODISHA

Year: 2019-20

<b>A3 Details on Hazardous Waste Recycled and Utilized</b>												
SL. 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) (MT)		Quantity Utilized (MT)						Quantity of waste Recycled (listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)	
		Generated within state	Imported	Co-processing in Cement plant		Non-captive utilization based on CPCBs SOPs			Captive utilization of hazardous waste 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 state	Imported	Generated within state	Imported	Captive utilization of hazardous waste and Other Wastes for which SOP has been prepared by CPCB				
		18	19	20	21	22	23		24	25	26	27
1	Angul	431.992	0.000	0.000	0.000	2837.000	0.000	72138.930	37.570	0.000	0.000	0.000
2	Balasore	38.130	0.000	0.000	0.000	0.000	0.000	0.000	4179.794	0.000	0.000	0.000
3	Bargarh	11.430	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000
4	Bhadrak	918.188	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	Bolangir	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	Cuttack	15.155	0.000	0.000	0.000	0.000	0.000	0.000	7296.929	0.000	0.000	0.000
7	Dhenkanal	839.610	0.000	0.000	0.000	31.610	0.000	0.000	44905.923	0.000	0.000	0.000
8	Ganjam	295.162	0.000	0.000	0.000	0.000	0.000	0.000	229.790	0.000	0.000	0.000
9	Jagatsinghpur	7956.600	0.000	0.000	0.000	987.000	0.000	0.000	7381.890	0.000	0.000	0.000
10	Jajpur	212.423	0.000	0.000	0.000	0.000	0.000	0.000	19919.326	0.000	0.000	0.000
11	Jharsuguda	480.780	0.000	0.000	0.000	79399.680	0.000	194130.170	1541.542	0.000	0.000	0.000
12	Kalahandi	73.600	0.000	0.000	0.000	354.880	0.000	0.000	0.000	0.000	0.000	0.000
13	Keonjhar	310.979	0.000	0.000	0.000	2667.060	0.000	0.000	2.268	0.000	0.000	0.000
14	Khurda	25.926	0.000	0.000	0.000	0.000	0.000	0.000	17.920	0.000	0.000	0.000
15	Koraput	307.500	0.000	15.048	0.000	0.000	0.000	0.000	40.658	0.000	0.000	0.000
16	Malkangiri	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.780	0.000	0.000	0.000
17	Mayurbhanj	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.160	0.000	0.000	0.000
18	Rayagada	138.820	0.000	0.000	0.000	5.280	0.000	0.000	1623.189	0.000	0.000	0.000
19	Sambalpur	1136.590	0.000	97.820	0.000	27030.900	0.000	73209.477	101.243	0.000	0.000	0.000
20	Sundargarh	558.958	0.000	24.690	0.000	65341.679	0.000	20687.000	188.819	0.000	0.000	0.000
	<b>Total</b>	<b>13751.843</b>	<b>0.000</b>	<b>137.558</b>	<b>0.000</b>	<b>178655.089</b>	<b>0.000</b>	<b>360165.577</b>	<b>87473.817</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>



**Annual Inventory on Hazardous and Other Waste Management**

Name of SPCB/PCC : ODISHA Year: 2019-20

A4 Details on Hazardous Waste Disposed							
Sl. No.	Name of the District	Disposal of hazardous waste				Disposal of hazardous	
		Quantity Disposed in		Quantity Disposed		Quantity Disposed in	
		Common	Captive	Common	Captive	SLF	Incinerator
		28	29	30	31	32	33
1	Angul	4753.630	35.358	0.000	109.000	0.000	0.000
2	Balasore	3.850	0.000	0.000	13.900	0.000	0.000
3	Bargarh	0.000	0.000	0.000	0.000	0.000	0.000
4	Bhadrak	0.000	0.000	0.000	0.000	0.000	0.000
5	Bolangir	0.000	0.000	0.000	0.000	0.000	0.000
6	Cuttack	3.340	0.000	0.000	0.000	0.000	0.000
7	Dhenkanal	954.490	0.000	0.000	0.000	0.000	0.000
8	Ganjam	0.000	0.000	0.000	0.000	0.000	0.000
9	Jagatsinghpur	0.000	1788.600	0.000	90.900	0.000	0.000
10	Jajpur	23255.930	0.000	0.000	0.000	0.000	0.000
11	Jharsuguda	6515.290	20.962	0.000	50.678	0.000	0.000
12	Kalahandi	0.000	0.000	0.000	0.000	0.000	0.000
13	Keonjhar	0.000	0.000	0.000	0.000	0.000	0.000
14	Khurda	9.830	0.000	0.000	0.000	0.000	0.000
15	Koraput	136.800	0.000	0.000	2.800	0.000	0.000
16	Malkangiri	0.000	0.000	0.000	0.000	0.000	0.000
17	Mayurbhanj	0.000	0.000	0.000	0.000	0.000	0.000
18	Rayagada	0.000	120.200	0.000	0.000	0.000	0.000
19	Sambalpur	9193.790	24.010	0.000	0.000	0.000	0.000
20	Sundargarh	8.280	349.345	0.000	4.371	0.000	0.000
<b>Total</b>		<b>44835.230</b>	<b>2338.475</b>	<b>0.000</b>	<b>271.649</b>	<b>0.000</b>	<b>0.000</b>

Annual Inventory on Hazardous and Other Waste Management									
Name of SPCB/PCC : ODISHA							Year: 2019-20		
A5	Details on Hazardous Waste Stored at Occupier Premises								
Sl. 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
		34	35	36	37	38	39	40	41
1	Angul	871.525	1.746	504.827	68343.000	1789.568	2.464	632.759	72412.980
2	Balasore	12.826	0.000	9.073	5.750	15.388	1.815	7.403	5.470
3	Bargarh	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	Bhadrak	0.000	0.000	4.253	1.384	1.600	0.000	8.211	2.538
5	Bolangir	0.000	0.000	0.000	0.000	0.000	0.000	5.900	0.000
6	Cuttack	10.040	0.000	0.345	39.293	12.940	0.000	9.845	7.195
7	Dhenkanal	1.200	0.360	1.225	3.320	6.436	0.746	11.505	8.745
8	Ganjam	1.910	0.499	0.000	0.000	2.210	0.537	3.945	0.343
9	Jagatsinghpur	6.000	0.000	18.418	169.790	6.000	0.007	33.080	154.300
10	Jajpur	44.719	9.854	17.593	0.540	65.302	26.332	75.991	12.604
11	Jharsuguda	615.587	1.209	619.866	133094.508	991.122	11.781	639.529	98086.504
12	Kalahandi	0.000	0.000	34.920	353.070	6.990	3.000	11.320	39.330
13	Keonjhar	0.000	5.736	72.251	102.732	0.380	12.375	121.333	7578.440
14	Khurda	0.000	1.686	3.368	4181.678	1.500	2.546	0.657	17903.679
15	Koraput	0.000	0.000	76.216	20.000	16.850	0.000	172.960	73.092
16	Malkangiri	0.000	0.000	0.000	0.000	0.000	0.000	1.020	0.000
17	Mayurbhanj	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.740
18	Rayagada	0.000	2.868	17.385	1.100	0.000	8.275	15.923	73.780
19	Sambalpur	1771.991	3.801	23.348	51647.817	781.557	3.870	84.600	52790.016
20	Sundargarh	6.269	3.592	58.615	25.386	13.736	6.976	184.832	47.826
<b>Total</b>		<b>3342.067</b>	<b>31.351</b>	<b>1461.703</b>	<b>257989.368</b>	<b>3711.601</b>	<b>80.724</b>	<b>2020.813</b>	<b>249197.582</b>





### Annual Inventory on Hazardous and Other Waste Management

Name of SPCB/PCC : ODISHA

Year: 2019-20

#### 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 April-March (MT)	Quantity of domestic HW sent to common TSDF during the year April-March (MT)	Quantity of hazardous waste stored at deposition 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
		54	55	56	57	58	59
<b>NIL</b>							
<b>Total</b>							

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

### Annual Inventory on Hazardous and Other Waste Management

Name of SPCB/PCC : ODISHA

Year: 2019-20

#### 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 during the year April-March (MT)	Quantity of waste sent to common TSDF during the year April-March (MT)	Quantity of hazardous waste stored at collection centres (MT)	
						at Occupier premises at the beginning of the financial year i.e. 1 <sup>st</sup> April	at Occupier premises at the end of financial year i.e. 31 <sup>st</sup> March
		60	61	62	63	64	65
<b>NIL</b>							
<b>Total</b>							

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





<b>B Annual Inventory on Recycling / Utilization / Pre-processing / Co-Processing of Hazardous and Other Waste</b>				
<b>Name of SPCB/PCC: ODISHA</b>			<b>Year : 2019-20</b>	
<b>S. No</b>	<b>Type of Recycling Facilities</b>	<b>No of Facilities authorized for recycling / utilization / Pre-processing / Co-processing of HW (MT)</b>	<b>Total Authorized Capacity (MTA)</b>	<b>Quantity Recycled / Utilized / Pre-processed / Co-processed (MT) during the year</b>
		<b>76</b>	<b>77</b>	<b>78</b>
<b>A</b>	<b>Commonly Recyclable HW</b>			
1	Brass Dross			
2	Zinc Bearing Wastes			0
3	Copper Bearing Waste			
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt			
5	Lead bearing waste including battery waste			0
6	E-Waste			
7	Paint and ink Sludge/residues			
8	Used oil	9	12256	875.82
9	Waste Oil	6	51195	1469.13
	Add row for recycling of hazardous waste (listed under schedule IV) apart from above and provide relevant details required under the respective columns			
	<b>Total</b>	<b>15</b>	<b>63451</b>	<b>2344.95</b>
<b>B</b>	<b>Non-captive utilization based on CPCBs SOPs</b>			
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	1	68500	Not Submitted
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 from 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	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns			
	Aluminium Dross	5	75720	11835
	Used Anode Butt	3	63440	20403.35
	Spent Pot Lining	1	43200	Not Submitted
	GCP Sludge of Ferro Alloy Plant	1	2400	Not Submitted
	Decontamination of Empty Barrels / Containers / Liners used for handling of hazardous wastes/chemicals as per SOPs of CPCB	1	5040	76.76
	<b>Total</b>	<b>12</b>	<b>258300.000</b>	<b>32315.110</b>



<b>C-2 : Captive utilization of Hazardous Waste and Other Wastes for which SOP has been prepared by CPCB</b>				
<b>Sl. No.</b>	<b>Name of HW Generating Industry</b>	<b>No of Facilities authorized for recycling / utilization / Pre-processing / Co-processing of HW (MT)</b>	<b>Total Authorized Capacity (MTA)</b>	<b>Quantity Utilized (MT)</b>
1	Hindalco Industries Ltd., Smelter Unit, (In-house Dross Recycling Plant) At/Po-	Aluminium Dross	3960	3063
2	Aditya Aluminium Limited, (A Unit of Hindalco Industries Limited), (In-house Dross Recycling Plant) At/Po - Lapanga, Beside SH - 10, Dist – Sambalpur, Odisha – 768212	Aluminium Dross	3060	2106.226
3	Aditya Aluminium Limited, (A Unit of Hindalco Industries Limited), (In-house Dross Recycling Plant) At/Po - Lapanga, Beside SH - 10, Dist – Sambalpur, Odisha – 768212	Used Anode Butt	50060	47546.62
4	National Aluminium Company Ltd., Smelter Plant, NALCO Nagar, Dist-Angul-759145	Aluminium Dross	10000	5903
5	National Aluminium Company Ltd., Smelter Plant, NALCO Nagar, Dist-Angul-759145	Used Anode Butt	70000	60772
6	Vedanta Limited, (Smelter and CPP) At - Bhurkamunda, PO - Siripura, Dist - Jharsuguda, Odisha – 768202	Used Anode Butt	300000	173909.268
	<b>Total</b>		<b>437080.000</b>	<b>293300.114</b>
<b>D Pre-processing of hazardous and other waste</b>				
1				
2				
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns			
	<b>Total</b>			
<b>E Co-processing in Cement Plants</b>				
1	OCL India Limited, (Dalmia Cement Bharat Limited), At/Po-Rajgangpur, Dist-Sundargarh, Odisha-770017	PTA waste Mix & Mixed Waste (Distillation residue, residue & waste, spent catalyst & spent carbon & date expired medicine & off specification drugs)	99200.015	49249.051
2	ACC Ltd., Bargarh Cement Ltd. Cement Nagar, Bardol-768038, Bargarh	Red Mud / Iron Ore fines / Plastic Waste / ETP Sludge / Oily Rags / Husk	1500	90.443
	<b>Total</b>		<b>100700.015</b>	<b>49339.494</b>

<b>C List of Authorized Recyclers / Utilizers /Pre-processors/ Co-processors of Hazardous Waste</b>				
<b>Name of SPCB/PCC: ODISHA</b>				<b>Year : 2019-20</b>
<b>S.No</b>	<b>Name and Address of the Facility</b>	<b>Type of Hazardous Waste authorised for recycling</b>	<b>Authorized Recycling / Utilization / Co-Processing Capacity (MTA)</b>	<b>Quantity Recycled/ Utilized/ Co-processed (MT)</b>
	<b>79</b>	<b>80</b>	<b>81</b>	<b>82</b>
<b>A List of Authorized Recyclers of hazardous waste</b>				
1	Asian Petro Chemicals, At-Asanabahali, Po.-Barada, Gundichapada, Dist-Dhenkanal	Used Oil	960	Not Submitted
2	Chemical & Metallurgical Co., Shed No. S/III-24, Industrial Estate, Kalunga, Rourkela	Used Oil	720	Not Submitted
3	Jay Maa Durga Industries, Plot No.-A/6, Industrial Estate , Kalunga-770031, Dist- Sundargarh	Used Oil	80	Not Submitted
4	N. S. Chemicals, Plot No.-E/72, Chhend Colony, Rourkela, Sundargarh	Used Oil	936	124.49
5	Ratna Industries, At - Jamunanki, Po - Kuarmunda, Dist - Sundargarh - 770039	Used Oil	750	20.993
6	Raj Lubricants, At/P.O - Januganj, Dist - Balasore, Odisha	Used Oil	1500	356.012
7	Shree Durga Petrochemicals, Plot No. 89A, New Industrial Estate, Phase-II, Jagatpur, Dist - Cuttack, Odisha - 754021	Used Oil	2160	Not Submitted
8	M/s Phoenix India (Formerly M/s Purbanchal Petroleum Private Limited), At - Kaligarh, Po - Jadupur, Marsaghai, Dist - Kendrapara, Odisha - 754213	Used Oil	3650	Not Submitted
9	M/s Phoenix India (Formerly M/s Purbanchal Petroleum Private Limited), At - Kaligarh, Po - Jadupur, Marsaghai, Dist - Kendrapara, Odisha - 754213	Waste Oil	12045	Not Submitted
10	Swaraj Lubricants, At - Gobinda, Po - Haldipada, Dist - Balasore, Odisha	Used Oil	1500	374.325
11	Swaraj Lubricants, At - Gobinda, Po - Haldipada, Dist - Balasore, Odisha	Waste Oil	6000	590.33
12	N. C. Oil Refinery Pvt. Ltd., Vill-Sova, Po-Osakana, Balikuda, Dist - Jagatsinghpur, Odisha	Waste Oil	5000	Not Submitted



S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
	79	80	81	82
13	Omm Sai Refinery, 58/263, Kochilagadia, Po. - Darpanigarh, Dist - Jajpur, Odisha	Waste Oil	10400	Not Submitted
14	Shriya Metals & Chemicals, At - Khairbandh, PO - RantoBirkera, PS- Bramhanitarang, Dist - Sundargarh, Odisha – 770037	Waste Oil	7350	878.8
15	Gajanan Petro Chemical Industry At : Plot No. – 549, Batijanga Po : Haridaspur, Dharmasala Dist – Jajpur, Odisha - 755024	Waste Oil	10400	Not Submitted
	<b>Total</b>		<b>63451</b>	<b>2344.95</b>
<b>B List of Authorized Utilizers (under Rule 9) of hazardous and other wastes</b>				
1	Aditya Aluminium Limited, (A Unit of Hindalco Industries Limited), At/Po - Lapanga, Beside SH - 10, Dist – Sambalpur, Odisha – 768212	Used Anode Butt	50060.00	20403.35
2	A K Enterprises, Plot No. - 7, Khurda Industrial Estate, Dist - Khurda, Odisha	Aluminium Dross	11040.00	4013.00
3	Murugappa Enterprises, At - Beherapat, Po - H. Kantapali, Dist - Jharsuguda, Odisha	Aluminium Dross	9000.00	Not Submitted
4	Shri Sai Metallik, At – Jamunalia, PO - Badaposhi, VIA – Naranpur, Dist - Keonjhar, Odisha	Aluminium Dross	7680.00	4985.00
5	Shree Shyam Minerals, At/Po - Hirma, Dist – Jharsuguda, Odisha	Aluminium Dross	18000.00	Not Submitted
6	BNDM Enterprises At - Ladukhai, PO - Kalamati, PS - Burla, Dist -	Aluminium Dross	18000.00	2837.00
7	Metacast International, At/Po - Katapali, Dist - Sambalpur, Odisha	Used Anode Butt	10080.00	Not Submitted
8	Omm Cee Business, At- IDCO Plot No. 3, Sanabramanitarang, Industrial Estate, Kalunga, Dist - Sundargarh, Odisha	Used Anode Butt	3300.00	Not Submitted
9	Green Energy Resources, At - Shanti Nagar Road, Near Furniture Point, Budharaja, Dist - Sambalpur, Odisha – 768004	Spent Pot Lining (Carbon Portion)	43200.00	Not Submitted

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
	79	80	81	82
10	ECO Resource Solutions, At - Kuradhamalla, Dalaiput, Dist - Khurda, Odisha	Decontamination of Empty Barrels / Containers / Liners used for handling of hazardous	5040.00	76.76
11	Suraj Products Ltd., At - Barapali, Post - Kesharmal, Rajgangpur, Dist - Sundargarh, Odisha	Flue Gas Dust / Gas Cleaning Plant (GCP) Sludge of LD Furnace / Electric Arc Furnace (EAF) / Blast Furnace of	68500.00	Not Submitted
12	Suraj Products Ltd., At - Barapali, Post - Kesharmal, Rajgangpur, Dist - Sundargarh, Odisha	GCP Sludge of Ferro Alloy Plant	2400.00	Not Submitted
	<b>Total</b>		<b>246300.00</b>	<b>32315.11</b>
<b>C List of Authorized Utilizers (under captive utilization) of hazardous and other wastes</b>				
1	Hindalco Industries Ltd., Smelter Unit, (In-house Dross Recycling Plant) At/Po- Hirakud, Dist - Sambalpur, Odisha – 768016	Aluminium Dross	3960	3063
2	Aditya Aluminium Limited, (A Unit of Hindalco Industries Limited), (In-house Dross Recycling Plant) At/Po - Lapanga, Beside SH - 10, Dist – Sambalpur, Odisha – 768212	Aluminium Dross	3060	2106.226
3	Aditya Aluminium Limited, (A Unit of Hindalco Industries Limited), (In-house Dross Recycling Plant) At/Po - Lapanga, Beside SH - 10, Dist – Sambalpur, Odisha – 768212	Used Anode Butt	50060	47546.62
4	National Aluminium Company Ltd., Smelter Plant, NALCO Nagar, Dist-Angul-759145	Aluminium Dross	10000	5903
5	National Aluminium Company Ltd., Smelter Plant, NALCO Nagar, Dist-Angul-759145	Used Anode Butt	70000	60772
6	Vedanta Limited, (Smelter and CPP) At - Bhurkamunda, PO - Siripura, Dist - Jharsuguda, Odisha – 768202	Used Anode Butt	300000	173909.268
	<b>Total</b>		<b>437080.000</b>	<b>293300.114</b>



S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
	<b>79</b>	<b>80</b>	<b>81</b>	<b>82</b>
<b>D</b>	<b>List of Authorized Pre-processors of hazardous and other wastes</b>			
1		NIL		
2				
	<b>Total</b>			
<b>E</b>	<b>List of Authorized Co-processors of hazardous and other wastes</b>			
1	OCL India Limited, (Dalmia Cement Bharat Limited), At/Po-Rajgangpur, Dist-Sundargarh, Odisha-770017	PTA waste Mix & Mixed Waste (Distillation residue, residue & waste, spent catalyst & spent carbon & date <i>unmixed medicine</i> )	99200.015	49249.051
2	ACC Ltd., Bargarh Cement Ltd. Cement Nagar, Bardol-768038, Bargarh	Red Mud / Iron Ore fines / Plastic Waste / ETP Sludge / Oily Rags / Husk	1500	90.443
	<b>Total</b>		<b>100700.015</b>	<b>49339.494</b>

## D1-A

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

Name of SPCB/PCC: ODISHA

Year : 2019-20

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)		Quantity of Hazardous Waste Disposed (MT)		Quantity in Stock at the end of the year (MT)		Cumulative HW disposed by the end of financial year (MT)		Capacity		
		Landfillable	Incinerable	For landfill	For Incineration	For landfill	Quantity Incinerated	Landfillable	Incinerable	SLF	Incinerator	Incinerator (T/H)	Incinerator (Kcal)	Landfill (MT/A)
		83	84	85	86	87	88	89	90	91	92	93	94	95
	M/s Ramky Enviro Engineers Limited, Odisha Waste Management Project, Plot No. 420/648/1, Vill: Kanchichuan, Via: Sukinda, PO: Mangalpur, Dist: Jajpur, Odisha -755018	0.000	0.000	46903.170	0.000	46903.170	0.000	0.000	0.000	226759.300				75000.000

\* Including wastes received from other State/UT

## D1-B

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

Name of SPCB/PCC: ODISHA

Year : 2019-20

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 year (MT)		Capacity	
		Landfillable	Incinerable	For landfill	For Incineration	Quantity Landfilled directly	Quantity Incinerated	Landfillable	Incinerable	SLF	Incinerator	Incinerator (T/H)	Landfill (MT/A)
		97	98	99	100	101	102	103	104	105	106	107	108

NIL

\* Including wastes received from other State/UT



## D 2 Details on Captive TSDF (s)

Name of SPCB/PCC: ODISHA

Year : 2019-20

Sl. No.	Name and Address of Captive facility	Type of facility (Landfillable / Incinerable/ both)	Capacity		HW disposed during the		Cumulative HW disposed till the	
			Incinerator (MT/H)	Landfill (MT/A)	SLF	Incinerator	SLF	Incinerator
			110	111	112	113	114	115
1	M/s. NALCO (Smelter), Angul	Both	1.000	40000.000	35.358	109.000	39995.358	540.000
2	M/s Vedanta Aluminium Ltd. Jharsuguda	Both	0.050	10000.000	16.152	50.678	21820.733	557.946
3	M/s. Rourkela Steel Plant, Rourkela	Landfillable		15000.000	344.000		5856.200	0.000
4	M/s. Hindalco Industries, Hirakud	Landfillable		55000.000	24.010		45.400	0.000
5	M/s. J. K. Paper Mill, Rayagada	Landfillable		1550.000	120.200		1196.030	0.000
6	M/s. Paradeep Phosphate Limited, Paradeep	Landfillable		5700.000	101.700		3790.370	0.000
7	M/s. OCL Refractory Limited, Raigangpur	Landfillable		483.000	5.345		92.635	0.000
8	M/s. Ballarpur Industries, Jeypore, Koraput	Landfillable		2292.340			3.500	0.000
9	M/s. Tata Refractories, Jharsuguda	Landfillable		500.000	4.810		134.810	0.000
10	M/s. IFFCO Ltd., Paradeep	Landfillable		6000.000	8.000		1360.000	0.000
11	NALCO, Alumina Refinery, At/Po- Damonjodi, Dist- Koraput, Odisha- 763008	Incinerable				2.800	0.000	2.800
12	M/s Raj Lubricants, At/ P.O- Januganj, Dist - Balasore, Odisha	Incinerable	0.100			13.900	0.000	45.781
13	M/s Indian Oil Corporation Ltd. (Refinery Division), Paradeep	Both	0.100	3285.000	1678.900	90.900	2661.400	90.900
14	N. S. Chemicals, Plot No.E/72, Chhend Colony, Rourkela, Sundargarh	Incinerable	0.030			4.371	0.000	4.371
<b>Total</b>			<b>1.280</b>	<b>139810.340</b>	<b>2338.475</b>	<b>271.649</b>	<b>76956.436</b>	<b>1241.798</b>

