

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION No. 1257
TO BE ANSWERED ON 06.12.2021

Disposal of Waste

1257. SHRI DUSHYANT SINGH:

Will the Hon'ble Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether the Government has any data on the quantum of waste is generated, collected and processed, State-wise in India from the years 2015 to 2021, if so, the details thereof;
- (b) the details of percentage of increase in waste produced India annually;
- (c) whether the Government has noticed any unscientific disposal of Bio Medical Waste generated from hospitals in India from 2015 to 2021, if so, the details thereof;
- (d) the details of the efficiency of waste collection in India, State-wise from 2015 to 2021;
- (e) whether the Government is using any digital modes of real time tracking of the waste, if so, the details thereof; and
- (f) the details of the efficiency and costs incurred for treating landfills with capping method in India?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ASHWINI KUMAR CHOUBEY)

- (a)&(b) Yes, sir. The Central Pollution Control Board (CPCB) compiles annual data w.r.t. the generation of solid waste, plastic waste, e-waste, construction & demolition (C&D) waste, bio-medical waste (BMW) and hazardous waste (HW) in the country. The data is collected from the respective State Pollution Control Board/ Pollution Control Committees (SPCBs/ PCCs) in line with the provisions contained in various rules notified under the Environment (Protection) Act, 1986. The State/ Union Territory-wise details of waste generation data from 2015 to 2021 are placed at Annexure-A. Further, based on the studies undertaken by CPCB on Hazardous waste and data compiled in respect of other wastes, the average annual increase observed in generation of wastes is as below:
- Hazardous Waste – 2%
 - Biomedical Waste – 5.8%
 - Solid Waste – 0.1%, and
 - Plastic Waste – 21.8%
- (c) The CPCB had received a total of 23 public complaints during 2016-2021 on unscientific/ illegal disposal of BMW from across the country. The State/ UT-wise break-up of complaints is as below:
- Rajasthan – 5
 - Delhi – 4
 - Tamil Nadu – 3
 - Jharkhand -2

- 1 complaint each from Bihar, Punjab, Maharashtra, Uttar Pradesh, Himachal Pradesh, Madhya Pradesh, Puducherry, West Bengal and Chhattisgarh
- (d) The State/ UT wise details of solid waste generation and collection efficiency from year 2015 to 2020 are placed at Annexure-A.
- (e) For tracking BMW, the CPCB had developed 'COVID19BWM' application for tracking of COVID19 biomedical waste generated by the healthcare facilities, isolation centres/ camps, sample collection centre, laboratories, Urban Local Bodies (for home care/ home quarantine) and CBWTFs. The Ministry of Housing and Urban Affairs (MoHUA) has informed that various Urban Local Bodies have deployed technological options for real time tracking of the Garbage collection vehicles in cities and towns based on their population size, geographic extent, fleet size of vehicles and other factors.
- (f) The typical costs incurred on 'landfills with capping' include initial cost of setting-up facility, annual operating costs, cost for landfill closure, post-closure monitoring costs, costs towards emergency failure of landfill (if applicable). Such costs are variable in nature and depend on the location of site, quantity of waste material handled, logistics involved, topographical features of the site, climatological profile of the area and other socio-economic factors. Further, operators are required to undertake the efficient operation and maintenance of landfills through post-closure monitoring for 30 years, as per CPCB guidelines, which include the following:
- Groundwater monitoring around TSDF;
 - Leachate collection, analysis and its treatment;
 - Gaseous emissions (Volatile Organic Compounds and Hydrogen Sulphide) monitoring from vents of secured landfills;
 - Ambient Air quality monitoring around the disposal facility
 - Green-belt development and maintenance;
 - Provision for contingencies like insurance;
 - Remedial measures in case of adverse impact on the environment

ANNEXURE REFERRED TO IN PART (a)to(b) AND PART (d) OF LOK SABHA UNSTARRED QUESTION NO. 1257 DUE FOR REPLY ON 06/12/2021 REGARDING 'DISPOSAL OF WASTE' RAISED BY SHRI DUSHYANT SINGH

Details of Hazardous Waste Generated and Recycled (Metric Tons/ Annum)

States/ Union Territories	Year							
	2016-17		2017-18		2018-19		2019-20	
	Generated (MT)	Recycled (MT)	Generated (MT)	Recycled (MT)	Generated (MT)	Recycled (MT)	Generated (MT)	Recycled (MT)
A&N Islands	0	0	0	0	0.16	0	0	0
Andhra Pradesh	282266	51495	595749	101080	515804	68563	620952	114663
Arunachal Pradesh	0	0	--	--	--	--	--	--
Assam	29435	4984	49043	3605	45540	9525	52394	3068
Bihar	7629	93	3106	3552	8862	4644	7630	3598
Chandigarh	2847	2766	2116	0	1798	790	2125	602
Chhattisgarh	65186	16141	103861	4051	144260	7562	172438	3165
DD&DNH	0	0	4056	14803	0	0	4631	11634
Delhi	4197	0	5528	0	5479	0	2683	0
Goa	24796	913	26031	651	2521317	161782	28569	3149
Gujarat	2811925	425747	4350000	84914	28484	1134	2485317	172204
Himachal Pradesh	29029	322	24455	11486	26364	12143	27725	16162
Haryana	58829	7459	70957	36582	98526	225603	200606	208695
Jammu & Kashmir and Leh-Laddakh.	1043	4	4496	41800	1101	34331	1213	61575
Jharkhand	578789	12465	252467	3893	459229	6650	409761	4488
Karnataka	336792	64958	315453	56008	362462	145358		
Kerala	38466	3711	115394	55734	59081	5583	311042	7421
Lakshadweep	0	0	0	0	0	0		
Madhya Pradesh	125881	17452	251234	75911	181819	49686	232199	46610
Maharashtra	381686	30106	499133	301497	1102879	110443	999566	170218
Manipur	0	0	0	0	0	0	0	0
Meghalaya	76	37	459	447	487	0	276	0
Mizoram	0	0	0	0	0	0	20	0
Nagaland	10	0	10	10	10	10	29	0
Odisha	595698	5515	646112	4364	688391	3544	679860	2345
Puducherry	0	10183	26425	121	34053	8	34907	0
Punjab	115490	27567	113367	37317	88391	21602	122167	26353
Rajasthan	724663	30868	762027	81055	562464	90930	587554	97922
Sikkim	785	0	1051	0	1467	0	1722	0

States/ Union Territories	Year							
	2016-17		2017-18		2018-19		2019-20	
	Generated (MT)	Recycled (MT)	Generated (MT)	Recycled (MT)	Generated (MT)	Recycled (MT)	Generated (MT)	Recycled (MT)
Tamil Nadu	383189	118976	576733	124108	351992	48601	964811	120434
Telangana	277079	90567	249996	50183	273	0	317091	15187
Tripura	270	239	273	0	929250	124781	--	
Uttar Pradesh	186592	46399	241867	59307	245025	77557	362114	74526
Uttarakhand	24264	9861	20907	10901	22183	21613	21818	23569
West Bengal	85849	21699	126573	53169	152236	63295	131412	37838
Total	7172761	1000527	9438879	1216549	8639227	1295738	8782632	1225426

Source:CPCB

Note – A&N Islands – Andaman & Nicobar Islands

DD-DNH – Daman-Diu and Dadra & Nagar Haveli

Details of Bio-Medical Waste Generated and Treated (Tons/ day)

States/ Union Territories	Year											
	2015		2016		2017		2018		2019		2020	
	Generated	Treated	Generated	Treated	Generated	Treated	Generated	Treated	Generated	Treated	Generated	Treated
A&N Islands	0.3	0.3	0.4	0.4	0.2	0.2	0.2	0.2	0.7	0.7	0.6	0.5
Andhra Pradesh	8.4	8.4	9.9	9.9	10.7	10.7	15.1	15.1	15.1	15.1	25	25
Arunachal Pradesh	0.1	0.1	0.6	INP	0.6	0.6	0.9	0.9	0.4	0.4	0.4	0.4
Assam	6.9	6.9	7.9	5.7	8.6	6.6	7.8	5.9	8.8	6.2	8.2	5.3
Bihar	1.4	1.4	8.8	8.8	33.8	7.4	34.8	10	34.8	10.8	27.8	10.2
Chandigarh	2.1	2.1	2	2	2.5	2.5	3.2	3.2	3.9	3.9	5.7	5.7
Chhattisgarh	9.3	9.3	2	3.3	1.1	1.1	16.1	4.6	7.1	7	7.2	7.2
DD&DNH	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5
Delhi	14.6	14.6	25	25	24.7	24.7	26.8	26.8	28.8	28.8	23.2	23.2
Goa	7.9	7.9	2.7	2.7	0.9	0.9	1.8	1.8	1.5	1.5	1.3	1.3
Gujarat	32.7	32.7	30.3	30.3	29.1	29.1	33.7	33.7	36.4	36.4	49.5	49.5
Haryana	10.1	10.1	11.2	12	11.7	11.7	14.2	14.2	14.8	14.8	19.2	19.2
Himachal Pradesh	2	2	1.7	1.7	3	3	2.6	2.6	3.4	3.4	3.5	3.5
Jharkhand	9.2	9.2	12.8	2.4	12.5	11	12.8	6.7	7.7	7.7	INP	0
Jammu & Kashmir	4.8	3.4	0.9	0.4	4.6	4.2	4.5	4.3	5.9	5.9	5.9	5.9
Karnataka	51.6	51.6	66.5	66.5	67.3	67.3	65.6	65.6	77.5	36.3	82.6	39
Kerala	53.2	53.2	37.8	37.8	41	38.9	72	42.2	42.9	40.3	40.4	40.2
Ladakh	0	0	0	0	0	0	0	0	0	0	0.4	0.4
Lakshadweep	0.1	0.1	0.1	0.1	0.4	INP	0.5	0.1	0.1	0.1	1.1	1.1
Madhya Pradesh	10.7	10.7	12.8	12.8	14.8	13.6	15.8	14.5	17.8	17.3	20	19
Maharashtra	62.5	62.2	71.5	71.5	61.9	61.9	62.4	62.1	62.3	62.3	82.1	82.1

States/ Union Territories	Year											
	2015		2016		2017		2018		2019		2020	
	Generated	Treated	Generated	Treated	Generated	Treated	Generated	Treated	Generated	Treated	Generated	Treated
Manipur	0.4	0.4	0.4	0.4	0.5	0.5	1.1	0.9	1	0.9	0.9	0.9
Meghalaya	1.2	1.2	1	1	1.1	1.1	1.4	1.4	1.3	1.3	1.6	1.6
Mizoram	5.4	5.4	0.4	0.4	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9
Nagaland	0.6	0.5	0.8	0.8	0.6	0.6	0.6	0.6	0.9	0.7	INP	0
Odisha	12.9	11.8	13.8	12.6	14.2	13.2	14.6	14.6	18	17.4	15.3	11.6
Puducherry	12.9	12.9	5.8	7.9	5.4	5.4	4.3	5.8	5.9	5.9	4.4	4.4
Punjab	13.1	13.1	14.7	14.7	15.2	15.2	16	16	16.1	16.1	17	17
Rajasthan	19.5	18.9	21.7	16	22.5	16.2	22.3	16.9	20.7	18.5	18.9	18.9
Sikkim	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.3	0.5	0.5	0.5	0.5
Tamil Nadu	43.9	43.9	43.8	43.8	46.8	46.8	47.2	47.2	58.3	58.3	35.3	35.3
Telangana	8.7	8.6	13.2	13.2	15.7	15.7	16.2	16.2	20.5	20.5	23.8	23.8
Tripura	1.4	1.2	1.6	3	1.6	1.6	1.4	1.4	1.4	1.4	3.9	3.9
Uttarakhand	2.6	2.6	2.6	2.6	2.9	3.8	4.1	4.1	3.8	3.8	7.4	7.4
Uttar Pradesh	37.5	35.8	37.7	36.4	43.6	43.6	52.5	52.5	52.5	52.5	64	64
West Bengal	32.8	23.6	26.9	26.9	29.8	29.9	34.1	34.1	41.6	41.6	43.5	43.5
DGAFMS	20.1	20.1	28	28	28.5	28.5	6.4	6.4	5.7	5.7	5.5	5.5
Total	502	487	518	501	559	519	615	534	619	544	647	577

(Source-CPCB)

Note: DGAFMS – Director General Armed Forces Medical Services

Details of e-Waste Collected and Processed (Tons/ Annum)

States / Union Territories	Year				
	2016-17	2017-18	2018-19	2019-20	2020-21
Andhra Pradesh	26	57.4804	59.3284	9.96	229.084
Assam	NR	NR	101.277	28.441	63.2
Arunachal Pradesh	NR	NR	NR	1.63	--
A &N Island	NR	NR	NR	4.23	2.034
Bihar	90.98	NR	101.0489	1674.144	86.0
Chhattisgarh	NR	NR	62387.85	26.986	258.1
Chandigarh	44.48	29.0635	19.64056	28.3145	30.8732
Delhi	NR	NR	NR	488	610.132
DD&DNH	NR	NR	14.82	285	586.104
Goa	NR	5.1123	11.7204	218.544	--
Gujarat	NR	1298.561	3106.3085	14185.54	109463.8032
Haryana	NR	5949.2479	11270.833	31036.4	--
Himachal Pradesh	NR	NIL	3757.2	140.9	72.944
Jammu & Kashmir	NR	891.86	11219.97	87.18	150,559
Jharkhand	NR	NR	334.536	36.43	95.316
Karnataka	NR	7241.7	16424.6215	44240.10	96192.45
Kerala	NR	314.277	351.567	1289.21	1494.0

States / Union Territories	Year				
	2016-17	2017-18	2018-19	2019-20	2020-21
Lakshadweep	NR	NR	NR	7.08	--
Madhya Pradesh	NR	401.959	280.56	183.82	419.44
Maharashtra	NR	7031.481	5244.077	13141.94	14546.0
Manipur	NR	NR	NR	2.613	--
Mizoram	NR	0.3216	24.648	2.96	19.308
Meghalaya	0.3	1.5	0.84	4.72	6.175
Nagaland	NR	NR	11.64	13.42	423.0
Odisha	NR	501.239	352.74677	476.13	398.483
Punjab	414.25	NR	52.471	180.9	384.307
Puducherry	0.53	25805.3	62.444	64.77	--
Rajasthan	NR	NR	4001.8982	17028.188	18742.118
Sikkim	NR	NR	NIL	7216	35.6035
Tamil Nadu	8994.09	16704.34	28226.9	37235.66	28305.89
Telangana	6299.23	2846	14640.57	37858	38346.0
Tripura	NR	11.0637	11.0	11.57	12.7812
Uttar Pradesh	NR	NR	NR	00	--
Uttarakhand	6830.47	NR	2165.215	16322.16	43150.08
West Bengal	NR	323.160*	427.2617	510	416.891
Total	22700.33	69413.619	164662.993	2,24,041.00	354540.7

Source: CPCB

Details of Plastic Waste Generation (Tons/ Annum)

State/ UT	Year				
	2015-16	2016-17	2017-18	2018-19	2019-20
Andhra Pradesh	128480	82863.0	-	66314.0	46222
Arunachal Pradesh	14.5	-	6.0	3787.4	2721.17
Assam	24010	24030.0	-	32277.9	24970.88
Bihar	-	2280.0	2280.0	68903.3	41365
Chhattisgarh	-	7300.0	-	6000.0	32850
Delhi	-	-	-	224810	230525
Goa	106	-	-	32580.5	26086.3
Gujarat	269294	271092.0	269808.0	356873.0	408201.08
Haryana	-	23369.1	-	68735.3	147733.511
Himachal Pradesh	-	255.0	-	3672.0	13683
Jammu & Kashmir	6243	-	27870.0	34367.4	74826.33
Jharkhand	35853	-	-	51454.5	43332.308
Karnataka	129600	419600.0	-	272776.0	296380
Kerala	-	-	-	133316.0	131400
Madhya Pradesh	30884	50457.1	61037	72327.4	121079
Maharashtra	469098	21420.3	-	409630.0	443724
Manipur	30	-	24.0	12453.8	8292.8
Meghalaya	13.94	13.3	15.1	1263.0	5043

State/ UT	Year				
	2015-16	2016-17	2017-18	2018-19	2019-20
Mizoram	6396	-	-	13.3	7908.6
Nagaland	-	-	14052.5	268.2	565
Odisha	27859	6890.8	12092.2	90139.0	45339.4
Punjab	48073	163423.4	54066.1	119414.6	92890.17
Rajasthan	-	-	-	104704.4	51965.5
Sikkim	-	102.7	-	5.7	69.02
Tamil Nadu	150323	79114.8	-	401091.0	431472
Telangana	120961	-	-	183014.7	233654.7
Tripura	-	30.0	28.5	26.2	32.1
Uttar Pradesh	130777	152492.64	206733.5	254401.8	161147.5
Uttarakhand	3016.3	-	-	31093.0	25203.03
West Bengal	-	-	-		300236.12
Andaman & Nicobar Islands	-	365.0	-	1850.0	386.85
Chandigarh	8383	21516.8	12775	11715.4	6746.36
Daman & Diu	-	-	-	1947.7	1947.7
Lakshadweep	-	-	-	148.0	46
Puducherry	-	9252.3	-	8433.0	11753
Total	1589414.7	1335868	660787.9	3059808	3469798

Details of Solid Waste Generation, Collection, Treatment and Collection Efficiency (in Tons/ Day)

State	Year																			
	2015-16				2016-17				2017-18				2018-19				2019-20			
	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency
Andhra Pradesh	6440	6331	500	98.3	6470	6396	1624	98.9	-	-	-	-	6440	6140	548	95.3	6766	6140	1059	90.7
Arunachal Pradesh	13	11	Nil	84.6	16	12	0	72.6	204	167	Nil	81.8	271	215	Nil	79.3	286	224	Nil	78.3
Assam	7920	6336	200	80	8110	7200	200	88.8	-	-	-	-	1294	1119	-	86.5	1271	922	42	72.6
Bihar	-	-	-	-	-	-	-	-	2272	-	-	-	2272	Yes	-	-	4334	Yes	--	-
Chhattisgarh	2245	2037	828	90.7	6000	4200	20	70	2000	1680	1411	84	1650	1386	1271	84	1650	1650	1385	100
Delhi	9620	-	-	-	-	-	-	-	-	-	-	-	10817	10614	5714	98.1	10471	10467	5194	100
Goa	-	-	-	-	227	219	0	96.5	-	-	-	-	236	236	155	99.8	189	180	149	95.5
Gujarat	-	10480	2565	-	-	10527	757	-	-	11119	1127	-	-	11119	1127	-	-	10755	6924	-
Haryana	4837	3103	188	64.1	4514	3160	188	70	-	-	-	-	4636	4430	816	95.6	5232	4809	1621	91.9
Himachal Pradesh	-	-	-	-	342	0	0	0	-	-	-	-	389	340	150	87.4	393	354	230	90.1
Jammu & Kashmir	1635	1389	3	85	-	-	-	-	1597	1451	Nil	90.9	1531	1453	-	94.9	1519	1465	540	96.4
Jharkhand	3570	3570	65	100	-	-	-	-	-	-	-	-	2205	2043	837	92.7	2189	1847	732	84.4
Karnataka	8842	7716	3584	87.3	11186	9706	3475	86.8	-	-	-	-	11958	10011	4515	83.7	12258	10011	4489	81.7
Kerala	-	-	-	-	-	-	-	-	3832	Nil	Nil	0	3903	742	438	19	3521	880	1837	25
Madhya Pradesh	6678	-	-	-	6773	5480	1141	80.9	7212	6537	2273	90.6	8000	7500	6100	93.8	7980	7193	6431	90.1

State	Year																			
	2015-16				2016-17				2017-18				2018-19				2019-20			
	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency
Maharashtra	21867	21867	6993	100	23450	23080	7543	98.4	-	-	-	-	23845	23676	12623	99.3	22945	22779	16037	99.3
Manipur	-	-	-	-	-	-	-	-	-	-	-	-	219	127	80	57.9	265	192	104	72.6
Meghalaya	187	156	36	83.4	187	156	36	83.4	210	175	36	83.3	171	171	9	100	153	119	10	77.8
Mizoram	-	-	-	-	160	160	0	100	-	-	-	-	251	213	29	84.8	348	313	278	89.9
Nagaland	-	-	-	-!	337	255	28	75.7	348	252	139	72.4	340	217	136	63.9	306	256	24	83.6
Odisha	2575	2284	30	88.7	19	14	30	77	539	472	Nil	87.4	2564	2255	92	87.9	2209	2123	202	96.1
Punjab	4456	4435	4	99.5	4544	4520	39	99.5	-	-	-	-	4635	4575	918	98.7	4478	4414	2112	98.6
Rajasthan	-	-	-	-	-	-	-	-	-	-	-	-	6626	6475	780	97.7	6659	6476	1191	97.2
Sikkim	-	-	-	-	76	62	11	81.7	73	63	8	85.9	75	67	13	89.3	75	75	13	99.9
Tamil Nadu	230	210	-	91.3	14659	14417	4776	98.3	15175	14209	5307	93.6	13968	12850	7196	92	14228	13955	6620	98.1
Telengana	6628	6625	3175	100	-	--	-	-	7804	7023	4795	90	8497	8360	5747	98.4	9285	9270	6070	99.8
Tripura	414	368	250	88.9	428	379	134	88.6	433	373	148	86	446	390	150	87.4	411	381	254	92.6
Uttar Pradesh	15192	11394	1857	75	15500	12000	3115	77.4	-	-	-	-	17377	17329	4615	99.7	14468	13955	5395	96.5
Uttarakhand	917	917	0	100	1180	1180	0	100	1099	1099	Nil	100	1528	1437	524	94.1	1611	1481	717	91.9
West Bengal	-	-	-	-	14000	12600	830	90	-	-	-	-	14613	13065	916	89.4	13980	12062	916	86.3
Andaman And Nicobar Islands	-	-	-	-	115	115	26	100	-	-	-	-	120	117	65	97.5	121	115	50	95
Chandigarh	370	360	Nil	97.3	450	450	61	100	500	463	143	92.6	470	459	150	97.6	450	450	180	100

State	Year																			
	2015-16				2016-17				2017-18				2018-19				2019-20			
	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency	Generation	Collection	Treatment	Collection efficiency
Daman Diu & Dadra Nagar Haveli	-	-	-	-	-	-	-	-	-	-	-	-	98	95	5	96.4	184	191	97	103.8
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-	35	18	18	51.4	33	33	11	100
Puducherry	-	513	10	-	399	399	10	100	-	-	-	-	599	505	24	84.3	580	517	61	89.1
Total	101066	86532	20289	78.3	119141	116685	24045	89.1	43298	45082	15387	78.4	152077	149749	55760	91.2	150847	146054	70973	89.7

(Source-CPCB)

Details of Construction & Demolition Waste Generation

States/ UTs	Year																	
	2015-16			2016-17			2017-18			2018-19			2019-20			2020-21		
	Generated	Collected	Processed	Generated	Collected	Processed	Generated	Collected	Processed	Generated	Collected	Processed	Generated	Collected	Processed	Generated	Collected	Processed
Andhra Pradesh	-	-	-	11000 TPA (~ 300 TPD)	-	-	127000 TPA (~ 350 TPD)	-	-	58400 TPA (~ 160 TPD)	-	-	142350 TPA (~ 390 TPD)	-	-	180675 TPA (495 TPD)	-	-
Assam	-	-	-	-	-	-	-	-	-	-	-	-	1420.14 TPA	-	-	1420.14 TPA	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21594.21 TPA	-	19886.85 TPA
Chhattisgarh	-	-	-	-	-	-	200 TPD	-	-	8700 TPA	-	-	8700 TPA	-	-	210 TPD	-	-
DNH & DD	-	-	-	-	-	-	-	-	-	-	-	-	185 TPA	-	-	185 TPA	-	-
Delhi	-	-	-	-	-	-	-	-	-	-	-	-	3900 TPD	-	-	3711 TPD	-	-
Haryana	-	-	-	-	-	-	-	-	-	-	-	-	961.735 TPD	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23607.4T PA	-	-
Madhya Pradesh	-	-	-	-	-	-	-	-	-	655 TPD	-	-	-	-	-	-	-	-
Maharashtra	-	-	-	-	-	-	-	-	-	1658864.2 TPA	-	-	-	-	-	-	-	-
Odisha	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1646.1 TPA	-	-

States/ UTs	Year																	
	2015-16			2016-17			2017-18			2018-19			2019-20			2020-21		
	Generated	Collected	Processed	Generated	Collected	Processed	Generated	Collected	Processed	Generated	Collected	Processed	Generated	Collected	Processed	Generated	Collected	Processed
Puducherry	-	-	-	-	-	-	6168.79 TPA	-	-	17820.99 TPA	-	-	-	-	-	-	-	-
Rajasthan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165479 TPA	-	-
Total				11000 TPA			200000 TPA			2000000 TPA			192000 0TPA			1825000 TPA		19886.85 TPA

(Source-CPCB)

Note: TPD – Tons per day

TPA – Tons per Annum
