

Annexure I

Prioritywise Polluted River Stretches as per CPCB Report September 2018

Priority I (9)	Priority II (6)	Priority III (14)	Priority IV (10)	Priority V (14)	
GODAVARI	BHIMA	GHOD	BINDUSAR	AMBA	
KALU	INDRAYANI	KANHAN	BORI	BHATSA	
KUNDALIKA	MULA-MUTHA	KOLAR (MAH)	CHANDRABHAGA	GOMAI	
MITHI	PAWANA	KRISHNA	DARNA	KAN	
MORNA	WAINGANGA	MOR	GIRNA	MANJEERA	
MULA	WARDHA	PATALGANGA	HIWARA	PANCHGANGA	
MUTHA		PEDHI	KOYNA	PANZARA	
NIRA		PENGANGA	PEHLAR	RANGAVALI	
VEL		PURNA	SINA	SAVITRI	
		TAPI	TITUR	SURYA	
		URMODI		TANSA	
		VENNA		ULHAS	
		WAGHUR		VAITARNA	
		WENA		VASHISTI	

Based on data of 2018 Prioritywise Polluted River Stretches as on January 2019

Priority I (4)	Priority II (4)	Priority III (8)	Priority IV (10)	Priority V (15)	Meeting to Bathing standards (3)
GODAVARI	BHIMA	INDRAYANI	DARNA	AMBA	PANCHGANGA
MITHI	KALU	KANHAN	KOLAR	BHATSA	URMODI
MORNA	KUNDALIKA	MULA	KRISHNA	BINDUSAR	VASHISTI
WAINGANGA	MUTHA	MULA-MUTHA	NIRA	CHANDRABHAGA	
		PAWANA	PANZARA	GHOD	
		PEDHI	PATALGANGA	KOYNA	
		PURNA	PENGANGA	MANZARA	
		WARDHA	RANGAVALI	PEHLAR	
			TAPI	SAVITRI	
			VEL	SURYA	
				TANSA	
				ULHAS	
				VAITARNA	
				VENNA	
				WENA	

Dry river stretches : BORI, GIRNA, GOMAI, HIWARA, KAN, MOR, SINA, TITUR, WAGHUR

Annexure II

Proactive Steps taken by the Board regarding 25% Budget Provision to be kept for the Sewage Management and Solid Wastes Management

.....

The Maharashtra Pollution Control Board has taken proactive action for protection of Environment under the Environment (Protection) Act, 1986 by issuing Directions u/s 33A of the Water (Prevention and Control of Pollution) Act, 1974 r/w 24, 25/26 of the Water (Prevention and Control of Pollution) act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 with Solid Wastes Management Rules vide letter dated 26.12.2014, 10.10.2016, 21.7.2016, 4.8.2017, 25.10.2018 and 23.1.2019 to the local bodies

Maharashtra state has 27 Municipal Corporations and are generating about 87% domestic sewage and remaining Local Bodies generate 13% domestic sewage. Therefore MPCB has concentrated on these 27 Municipal Corporations. The solid waste and sewage is not scientifically treated and disposed. Majority of the Local Bodies expressed financial incapability to provide waste management facilities. Hence, the Board has issued Direction u/s 33A of the Water (Prevention and Control of Pollution) Act, 1974 directing the local bodies to make 25% budgetary provision for scientific treatment and disposal of Sewage and Solid Waste.

Accordingly Municipal Corporations have passed resolution in their General Body meeting and reserved the funds. The utilisation of the said funds is reviewed from time to time. These funds are reserved and made mandatory to utilise for preparation of DPR, establishing treatment facility, O & M of treatment facility etc. The review of the same is taken from time to time by the Board. The details of Municipal Corporations is enclosed.

....

25 % budgetary provision made by Municipal Corporations (in Cr)

Sr. No.	Name of Municipal corporations	Financial Year 2015-16 (Provision)	Financial Year 2015-16 (Expenditure)	Financial Year 2016-17 (Provision)	Financial Year 2016-17 (Expenditure)	Financial Year 2017-18 (Provision)	Financial Year 2017-18 (Expenditure)
1	Ulhasnagar Municipal corporation	174.31	31.5	164	40.94	39.6	26.76
2	Nagpur Municipal corporation	267.47	146.98	248.42	185.57	220.22	12.1
3	Thane Municipal Corporation	175.69	114.32	226.75	111.99	290.3	59.35
4	Mira Bhainder Municipal corporation	156.75	271.78	125.1	173.44	206.33	138.53
5	Vasi Virar Municipal Corporation	141.45	110	163.21	113.17	128.98	12.86
6	Parbhni Municipal Corporation	NIL	NIL	23.75	4.76	5	0.87
7	Pune Municipal Corporation	5600	387	1437	323	498.59	291.79
8	Amravati Municipal corporation	15	Not utilized	15	Not utilized	10	0.5
9	Akola Municipal Corpartion	3 from corporation fund	5.48 (Funds utilized from 13th finance commission)	2	Funds utilized from 14th finance commission	Not Reserved	26.16 Lakh funds utilized from 14th finance commission

10	Sangli Municipal Corporation	15	10.98	22	4.6001	40	0.79
11	Kolhapur Municipal Corporation	54.55	26.32	121	46.62	54.94	7.73
12	Solapur Municipal Corporation	1236.23	27.75	324.3	32.97	309.91	29.52
13	Latur Municipal Corporation	7.6	5.4	8.1	5.81	9.2	8.33
14	Navi Mumbai Municipal Corporation	319.14	203.61	246.65	133.91	473.58	Nil
15	Dhule Municipal Corporation	28.18	21.93	40.7	31.42	28.83	NIL
16	Jalgaoan Municipal Corporation	5	NIL	17.5	0.05	1.87	
17	Chandrapur Municipal Corporation	32lakh	6.73 Lakh	32 Lakh	16.56 Lakh	64.54 Lakh	9.32 Lakh
18	Kalyan Dombavli Municipal Corporation	27.25	8.86	49.5	23.24	50	7.24
19	Ahemednager Municipal Corporation	49.95	6.75	71.11	2.5	15	2.5
20	Bhivandi Municipal Corporation	69	26.88	151.03	30.17	95	78.98
21	Panvel Municipal Corporation	16.19	15.79	33.27	4.11	10.86	3.38
22	Pimpri Municipal Corporation	1000	9.14	297.36	101.46	169.11	152.2
23	Nanded Municipal Corporation	38	4.8	43	62.92	16.9	16.92
24	Aurangabad Municipal Corporation	84.5	26.41	76.85	14.19	50	

25	Nashik Municipal Corporation	174.75	31	136.43	136	150.66	137.53
26	Malegaoan Municipal Corporation	37.37	17.37	31.02	22.52	48.18	53.45
27	Mumbai Municipal Corporation	2970.09	1077.76	3365.17	950.78	2097.42	897

Annexure-III

A SUMMARY STATEMENT ON PROGRESS MADE BY LOCAL BODY IN RESPECT OF SOLID WASTE MANAGEMENT

In the state of Maharashtra there are total 271 local bodies , comprising of 27 Municipal Corporations, 16- ‘A’ Class Municipal Council, 54- ‘B’ Class Municipal Council, 154- ‘C’ Class Municipal Council, 14- Nagar Panchayat, 06-Cantonment Board generating about 22897.83 MT of municipal solid waste every day, of which the contribution in terms of percentage by the corporation is 84.72 %, by A class council is 4.25 %, by B class council is 5.04 % , by C Class Council is 5.07 % and by Others is 0.96 %. The overall percentage of treatment is 34.70 % i.e. 7945.544 MT/day quantity is treated and the remaining is disposed in an unscientific manner. Out of 27 Municipal corporations, 24 Corporations have obtained Authorization from MPCB for 22 Nos of approved sites having processing & disposal facilities and same are in operations. 109 Nos. of Municipal Councils having partially processing & disposal facilities.

Maharashtra Pollution Control Board has prepared a summary statement of all local bodies indicating class, populations, Quantum of Solid Waste generations, status of Authorization and Form-II submission by the local bodies. The Region wise abstract along with summery statement in the state of Maharashtra is enclosed.

The total generation of Solid Waste is **22897.83** MT/day in which terms of total waste generation in the corporation is **84.72 %**, A class council is **4.25 %**, B and C Class Council is **5.04 %** and **5.07 %** respectively and others is **0.96 %**. The Statement of Municipal Solid Waste generation in MT/day in the State is enclosed.

The present status of local bodies in the State of Maharashtra is enclosed.

MAHARASHTRA POLLUTION CONTROL BOARD

STATUS OF ULB's WITH RESPECT TO MSW RULES IN THE STATE OF MAHARASHTRA (REGIONWISE ABSTRACT)

Sr. No.	Name of Region	No. of ULBs
1	Mumbai	01
2	Navi Mumbai	02
3	Thane	06
4	Kalyan	07
5	Raigad	10
6	Kolhapur	26
7	Pune	37
8	Nashik	48
9	Amravati	32
10	Aurangabad	59
11	Nagpur	22
12	Chandrapur	21
	Total	# 271

271 Local Bodies' (251 Corporations / Councils + 6 Cantonment Boards + 14 Nagar Panchayats)

Municipal Solid Waste Generation (MT/day) in the State of Maharashtra.

Region	Corporation	“A” Class	“B” Class	“C” Class	NP/Cant./ other
Mumbai	7500.0	-	-	-	--
Navi Mumbai	750.0	-	-	11.0	--
Thane	1890.0	--	36.0	3.0	--
Kalyan	1560.0	221.0	-	--	14.5
Raigad	90.0	-	28.0	61.96	--
Kolhapur	420.0	140.0	104.0	105.25	15.5
Pune	3315.0	143.0	171.46	175.515	98.0
Nashik	1268	98.0	286.4	174.4	70.78
Amravati	420.0	30.0	164.1	115.4	--
Aurangabad	948.0	188.0	158.03	308.41	21.5
Nagpur	1100.0	112.0	92.0	70.0	--
Chandrapur	140.0	43.0	115.23	121.39	--
Total	19401.0	975.0	1155.22	1146.325	220.28

Corporation : 19,401.0 - 84.72 %
A Class : 975.00 - 04.26 %
B Class : 1,155.22 - 05.04 %
C Class : 1,146.325 - 05.00 %
Others : 220.28 - 00.96 %

Total : 22,897.83 - 100.00%

Municipal Solid Waste Treatment (MT/day) in the State of Maharashtra

Corporation : 6998.0 - 88.07 %
A Class : 187.00 - 02.35 %
B Class : 367.96 - 04.63 %
C Class : 331.124 - 04.16 %
Others : 61.46 - 00.77 %

Total : 7945.544 - 100.00%

Note : Urban Development Department, Government of Maharashtra has approved DPR Plan of 245 Local Bodies and cost of the project is Rs 2650 Crores.

Annexure IV

District-wise Bio-Medical Waste Generation

S.No.	Region	Name of the CBMWTSDF / Union Territory	Bio-Medical Waste Generation (kg/day)	Existing Total Bio-Medical Waste treatment capacity (captive and CBMWTF) (kg/day)	
				Equipmnet	Total
1	Mumbai	MCGM area	22171	Incinerator	250 kg / Hr X 4
				Autoclave	450 liter/Cycle
				Deep Burial	NA
				Any Other	NA
2	Navi-Mumbai and Raigad	Navi Mumbai, Panvel, Khalapur, Mahad, Shriwardhan, Mangaon, Poladpur, Tala and Mhasala, Alibag, Roha, Pali, Mirudjangira, Sudhagad, Karjat	1972	Incinerator	250 Kg/Hr
				Autoclave	600 liter/cycle
				Deep Burial	NA
				Any Other	NA
		Uran	45	Incinerator	NA
				Autoclave	50 liter/Cycle
				Deep Burial	22 kg/day
				Any Other	NA
3	Thane	Thane	2382	Incinerator	50 kg/hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
		Palghar	530	Incinerator	75 kg/hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
4	Kalyan	Kalyan	160	Incinerator	Treated at MWML, Taloja
				Autoclave	
				Deep Burial	NA
				Any Other	NA
6	Pune	Pune	4949	Incinerator	150 Kg/Hr.
				Autoclave	200 liter/cycle
				Deep/Burial	NA
				Any Other	NA
		PCMC	1544	Incinerator	50 Kg/hr
				Autoclave	200 liter/cycle
				Deep/Burial	NA
				Any Other	NA
		Talegaon	900	Incinerator	50 kg/hr
				Autoclave	50 liter/cycle
				Deep/Burial	NA
				Any Other	NA
		Baramati	1400	Incinerator	150 kg/hr
				Autoclave	250 liter/cycle
				Deep/Burial	NA
				Any Other	NA
		Karad	145	Incinerator	30 kg/hr
				Autoclave	50 liter/cycle
				Deep/Burial	NA
				Any Other	NA

7		Satara	1150	Incinerator	100 Kg/Hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
		Solapur	1625	Incinerator	100 Kg/Hr
				Autoclave	50 liter/cycle
	Deep Burial			NA	
	Any Other			NA	
	Nashik	Nashik	3000	Incinerator	250 Kg/Hr
				Autoclave	400 liter/cycle
				Deep Burial	NA
				Any Other	NA
Jalgaon		657	Incinerator	70 Kg/Hr	
			Autoclave	430 liter/cycle	
			Deep Burial	NA	
			Any Other	NA	
Dhule		485	Incinerator	50 Kg/hr	
			Autoclave	60 liter/cycle	
			Deep Burial	NA	
			Any Other	NA	
Nandurbar		503	Incinerator	50 Kg/Hr	
			Autoclave	60 liter/cycle	
			Deep Burial	NA	
			Any Other	NA	
Ahmednagar		1800	Incinerator	200 Kg/hr	
			Autoclave	100 liter/cycle	
	Deep Burial		NA		
	Any Other		NA		
8	Kolhapur	Sindhudurg	245	Incinerator	
				Autoclave	50 liter/cycle
				Deep Burial	244 kg/day
				Any Other	NA
		Kolhapur	1500	Incinerator	50 kg/hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
		Ratnagiri & Chiplun	566	Incinerator	50 kg/hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
	Sangli	973	Incinerator	50 kg/hr	
			Autoclave	50 liter/cycle	
			Deep Burial	NA	
			Any Other		
	Ichalkaranji	386	Incinerator	50 kg/hr	
			Autoclave	50 liter/cycle	
Deep Burial			NA		
Any Other					
9	Aurangabad	Aurangabad	1600	Incinerator	250 Kg/Hr
				Autoclave	400 liter/cycle
				Deep Burial	NA
				Any Other	NA
		Latur	523	Incinerator	100 kg/hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA

		Jalna	1189	Incinerator	50 kg/hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
		Beed & Osmanbad	898	Incinerator	50 kg/hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
		Nanded	904	Incinerator	100 kg/hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
10	Amravati	Amravati	747	Incinerator	100 Kg/Hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
11	Nagpur	Nagpur	3660	Incinerator	100 Kg/Hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA
12	Chandrapur	Chandrapur	716	Incinerator	100 Kg/Hr
				Autoclave	50 liter/cycle
				Deep Burial	NA
				Any Other	NA

Captive Incinerator & Deep Burial

13	Pune	Krishna Hospital & Medical Research Center, Karad & KIMSDU. A/P: Dhebewadi road, Malakapur, Tal.: Karad, Dist.: Satara (02164)214555-58 Fax: (02164)242127	287	Incinerator	150 Kg/Hr
				Autoclave	30 liter/cycle
				Deep Burial	NA
				Any Other	NA
14	Nashik	M/s. Shri Bhausheb Hire Govt. Medical College, Surat By Pass Road, Tal. & Dist. Dhule	133	Incinerator	50 Kg/Hr
				Autoclave	30 liter/cycle
	M/s. Jawahar Medical Foundation ACPM Medical College, Dhule	164	Incinerator	45 Kg/Hr	
			Autoclave	25 liter/cycle	
			Deep Burial	NA	
			Any Other	NA	
15	Kolhapur	Bharati Vidyapeeth Deemed University Medical College and Hospital, Sangli – Maharashtra	39	Incinerator	60 Kg/Hr
				Autoclave	30 liter/cycle
	PHC's from Kolhapur District	48	Deep Burial	NA	
			Any Other	NA	
16	Aurangabad	M/s. MIMSR Medical college and Research Centre, Ambajogai Road, Latur	96	Incinerator	50 Kg/Hr
				Autoclave	12 liter/cycle
	PHC's from Nanded District	306	Deep Burial	NA	
			Any Other	NA	
17	Nagpur	PHC's from Nagpur District	129	Deep Burial	
18	Amravati	PHC's from Amravati District	1392	Deep Burial	
TOTAL			61918		

└─

└─