

Appendices

Appendix 1.1
(Reference: Paragraph 1.7)
List of Urban Local Bodies test-checked in audit

Sr. No	Division	District	Name of ULB	Category
1	Amravati	Amravati	Amravati Municipal Corporation	Municipal Corporation
2	Chhatrapati Sambhajnagar	Chhatrapati Sambhajnagar	Chhatrapati Sambhajnagar Municipal Corporation	Municipal Corporation
3	Kokan	Mumbai	Municipal Corporation of Greater Mumbai	Municipal Corporation
4	Nagpur	Nagpur	Nagpur Municipal Corporation	Municipal Corporation
5	Nashik	Nashik	Nashik Municipal Corporation	Municipal Corporation
6	Kokan	Raigad	Navi Mumbai Municipal Corporation	Municipal Corporation
7	Pune	Pune	Pune Municipal Corporation	Municipal Corporation
8	Amravati	Amravati	Achalpur MC	MC
9	Kokan	Thane	Ambarnath MC	MC
10	Amravati	Yavatmal	Arni MC	MC
11	Nagpur	Chandrapur	Ballarpur MC	MC
12	Chhatrapati Sambhajnagar	Beed	Beed MC	MC
13	Nashik	Jalgaon	Bhusawal MC	MC
14	Chhatrapati Sambhajnagar	Chhatrapati Sambhajnagar	Gangapur MC	MC
15	Nagpur	Gondia	Gondia MC	MC
16	Pune	Kolhapur	Ichalkaranji MC	MC
17	Chhatrapati Sambhajnagar	Jalna	Jalna MC	MC
18	Chhatrapati Sambhajnagar	Dharashiv (Previously known as Osmanabad)	Kalamb MC	MC
19	Amravati	Washim	Karanja MC	MC
20	Kokan	Raigad	Khopoli MC	MC
21	Pune	Pune	Lonavala MC	MC
22	Pune	Satara	Malkapur MC	MC
23	Nashik	Nandurbar	Nandurbar MC	MC
24	Nagpur	Nagpur	Narkhed MC	MC
25	Pune	Sangli	Palus MC	MC
26	Pune	Solapur	Pandharpur MC	MC
27	Chhatrapati Sambhajnagar	Beed	Parli Vaijinath MC	MC
28	Nashik	Jalgaon	Parola MC	MC
29	Nagpur	Wardha	Wardha MC	MC
30	Amravati	Yavatmal	Yavatmal MC	MC
31	Nashik	Jalgaon	Amalner MC	MC
32	Chhatrapati Sambhajnagar	Beed	Ashti NP	NP
33	Nagpur	Wardha	Ashti NP	NP
34	Amravati	Yavatmal	Kalamb NP	NP
35	Kokan	Sindhudurg	Kankavali NP	NP
36	Chhatrapati Sambhajnagar	Beed	Kaij NP	NP
37	Nagpur	Bhandara	Lakhandur NP	NP
38	Nagpur	Nagpur	Mahadula NP	NP
39	Amravati	Washim	Malegaon NP	NP

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Sr. No	Division	District	Name of ULB	Category
40	Pune	Solapur	Malshiras NP	NP
41	Nashik	Jalagaon	Muktainagar	NP
42	Kokan	Thane	Murbad NP	NP
43	Nashik	Nashik	Niphad NP	NP
44	Pune	Pune	Vadgaon Maval NP	NP
45	Chhatrapati Sambhajinagar	Dharashiv	Washi NP	NP

Appendix 2.1
(Reference: Paragraph 2.2)
Deficiencies in Detailed Project Report in test-checked ULBs

Sr. No.	Name of the ULB	Period of DPR		Stakeholders consultation	
		Short Term Plan	Long Term Plan	Consultation for solid waste management planning	Consultation for solid waste plan validation
1	Achalpur MC	Yes	Yes	Yes	No
2	Amalner M C	Yes	Yes	Yes	No
3	Ambernath MC	Yes	Yes	No	No
4	Amravati Municipal Corporation	Yes	Yes	Yes	No
5	Arni MC	Yes	Yes	Yes	No
6	Ashti NP, Beed	Yes	No	No	No
7	Ashti NP, Wardha	Yes	No	No	No
8	Chhatrapati Sambhajinagar Municipal Corporation	Yes	Yes	Yes	No
9	Ballarpur M C	Yes	Yes	Yes	No
10	Beed MC	Yes	Yes	Yes	No
11	Bhusawal MC	Yes	Yes	Yes	No
12	Gangapur MC	Yes	Yes	Yes	No
13	Gondia MC	Yes	Yes	Yes	No
14	Ichalkaranji MC	Yes	Yes	Yes	No
15	Jalna MC	Yes	Yes	Yes	No
16	Kaij NP	Yes	Yes	Yes	No
17	Kalamb NP	Yes	No	No	No
18	Kalamb MC	Yes	Yes	Yes	No
19	Kankavali NP	Yes	Yes	Yes	No
20	Karanja M C	Yes	Yes	Yes	No
21	Khopoli MC	Yes	Yes	Yes	No
22	Lakhandur NP	Yes	No	No	No
23	Lonavala MC	Yes	No	No	No
24	Mahadula NP	Yes	Yes	Yes	No
25	Malegaon N P	Yes	No	No	No
26	Malkapur MC	Yes	No	No	No
27	Malshiras N P	Yes	No	No	No
28	Muktainagar NP	Yes	Yes	Yes	No
29	Murbad N P	Yes	No	No	No
30	Nagpur Municipal Corporation	Yes	Yes	No	No
31	Nandurbar MC	Yes	Yes	Yes	No
32	Narkhed MC	Yes	Yes	Yes	No
33	Niphad NP	Yes	No	No	No
34	Palus MC	Yes	Yes	Yes	No
35	Pandharpur MC	Yes	Yes	Yes	No
36	Parli Vajinath MC	Yes	Yes	Yes	No
37	Parola MC	Yes	Yes	Yes	No
38	Pune Corporation	Yes	Yes	Yes	No
39	Vadgaon Maval NP	Yes	No	No	No
40	Wardha M C	Yes	Yes	Yes	No
41	Washi NP	Yes	No	No	No
42	Yavatmal M C	Yes	Yes	Yes	No

Source: Information compiled from Detailed Project Reports of the test-checked ULBs.

Appendix 2.2
(Reference: Paragraph 2.3)

Deficiencies in Detailed Project Report prepared in test-checked ULBs

Sr No.	Name of the ULB	Waste characterisation	Plan for Sanitary Landfill	Plan for of e-waste	Plan for C& D waste	Sufficiency of land in the ULB	Quantification of legacy waste and dumpsite remediation
1	Achalpur	Yes	Yes	No	No	Yes	Yes
2	Amalner	Yes	Yes	No	No	Yes	Yes
3	Ambarnath	Yes	Yes	No	No	Yes	Yes
4	Amravati	Yes	Yes	No	No	Yes	Yes
5	Arni	Yes	Yes	No	No	No	Yes
6	Ashti (Beed)	No	No	No	No	Yes	No
7	Ashthi (Wardha)	No	No	No	No	No	No
8	Chhatrapati Sambhajnagar	Yes	Yes	No	No	Yes	Yes
9	Ballarpur	Yes	Yes	No	No	Yes	Yes
10	Beed	Yes	Yes	No	No	Yes	Yes
11	Bhusawal	Yes	Yes	No	No	Yes	Yes
12	Gangapur	Yes	Yes	No	No	Yes	NR
13	Gondia	Yes	Yes	No	No	Yes	Yes
14	Ichalkaranji	Yes	Yes	No	No	Yes	Yes
15	Jalna	Yes	Yes	No	No	Yes	Yes
16	Kajj	Yes	Yes	No	No	No	No
17	Kalamb NP	No	No	No	No	No	No
18	Kalamb MC	Yes	Yes	No	No	Yes	NR
19	Kankavali	Yes	Yes	No	No	Yes	Yes
20	Karanja	Yes	Yes	No	No	Yes	Yes
21	Khopoli	Yes	Yes	No	No	Yes	Yes
22	Lakhndur	No	No	No	No	No	No
23	Lonavala	No	Yes	No	No	No	Yes
24	Mahadula	Yes	Yes	Yes	No	Yes	No
25	Malegaon	No	No	No	No	No	No
26	Malkapur	Yes	Yes	Yes	No	Yes	NR
27	Malshiras	No	No	No	No	No	No
28	Muktainagar	Yes	No	Yes	No	No	No
29	Murbad NP	No	Yes	No	No	No	NR
30	Nagpur	Yes	Yes	No	Yes	Yes	Yes
31	Nandurbar	Yes	Yes	No	Yes	Yes	Yes
32	Narkhed	Yes	Yes	No	No	Yes	Yes
33	Niphad	No	No	No	No	No	No
34	Palus	Yes	Yes	No	No	Yes	No
35	Pandharpur	Yes	Yes	Yes	No	Yes	Yes
36	Parli-Vajjnath	Yes	Yes	No	No	Yes	Yes
37	Parola	Yes	Yes	No	No	Yes	Yes
38	Pune	Yes	Yes	Yes	Yes	Yes	Yes
39	Vadgaon- Maval	No	No	No	No	No	No
40	Wardha	Yes	Yes	No	No	Yes	Yes
41	Washi	No	No	No	No	No	No
42	Yavatmal	Yes	Yes	No	No	Yes	Yes

Source: Information compiled from Detailed Project Reports of the test-checked ULBs

Appendix 2.3
(Reference paragraph 2.5.2)
Status of user charges levied as of March 2022

Sr. No.	Name of the ULBs	Whether User charges being levied as of March 2022
Municipal Corporation		
1	Amravati Corporation	No
2	Chhatrapati Sambhajanagar Municipal Corporation	No
3	Brihanmumbai Municipal Corporation	Yes
4	Nagpur Municipal Corporation	No
5	Nashik Municipal Corporation	No
6	Navi Mumbai Municipal Corporation	Yes
7	Pune Municipal Corporation	Yes
Municipal Councils		
1	Achalpur Municipal Council	Yes
2	Amalner Municipal Council	Yes
3	Ambernath, Municipal Council	Yes
4	Arni Municipal Council	No
5	Ballarpur Municipal Council	Yes
6	Beed Municipal Council	Yes
7	Bhusawal Municipal Council	Yes
8	Gangapur Municipal Council	Yes
9	Gondia Municipal Council	No
10	Ichalkaranji Municipal Council	Yes
11	Jalna Municipal Council	Yes
12	Kalamb MC, Dharashiv	No
13	Karanja Municipal Council	Yes
14	Khopoli Municipal Council	Yes
15	Lonavala Municipal Council	Yes
16	Malkapur Municipal Council	Yes
17	Nandurbar Municipal Council	Yes
18	Narkhed Municipal Council	Yes
19	Palus Municipal Council	Yes
20	Pandharpur Municipal Council	Yes
21	Parli Vaijnath Municipal Council	No
22	Parola Municipal Council	Yes
23	Wardha Municipal Council	Yes
24	Yavatmal Municipal Council	No
Nagar Panchayat		
1	Ashti (Beed) Nagar Panchayat,	No
2	Ashthi (Wardha) Nagar Panchayat,	Yes
3	Kaij Nagar Panchayat	Yes
4	Kalamb Nagar Panchayat	Yes
5	Kankavali Nagar Panchayat	Yes
6	Lakhandur Nagar Panchayat	Yes
7	Mahadula Nagar Panchayat	Yes
8	Malegaon Nagar Panchayat	Yes
9	Malshiras Nagar Panchayat	Yes
10	Muktainagar Nagar Panchayat	Yes
11	Murbad Nagar Panchayat	Yes
12	Niphad Nagar Panchayat	No
13	Vadgaon Maval Nagar Panchayat	Yes
14	Washi Nagar Panchayat	No

Source: Information furnished by Director, Swachh Maharashtra Mission

Appendix 3.1

(Reference: Paragraph 3.3.1 and 3.6.1)

Discrepancy in the data of collection efficiency, treatment efficiency between SLB notification and data provided by Director, Swachh Maharashtra Mission for the year 2021-22

Sr. No.	ULB name	As per information furnished by Director, Swachh Maharashtra Mission, Mumbai		SLB Department, GoM notification issued by Urban Development	
		Collection of waste in TPD and collection percentage with respect to generation (in per cent)	Processing of waste in TPD and processing percentage with respect to collection (in per cent)	Efficiency of Collection of waste (in per cent)	Efficiency of municipal solid waste recovered (recycled or processed) (in per cent)
(1)	(2)	(3)	(4)	(6)	(7)
1	Achalpur MC	34.35 (54)	26.25 (76)	100	31
2	Amalner MC	36 (66)	32 (89)	100	1
3	Ambernath MC	137.75 (95)	18 (13)	100	24
4	Amravati Corporation	220 (60)	202.73 (92)	76	100
5	Arni MC	8 (76)	4.2 (53)	100	NA
6	Ashti (Beed) NP	4.34 (95)	3 (69)	100	4
7	Ashthi (Wardha) NP	3.29 (75)	2.97 (90)	100	84
8	Chhatrapati Sambhajanagar Municipal Corporation	460 (57)	418 (91)	96	96
9	Ballarpur MC	26 (51)	23.47 (90)	93	80
10	Beed MC	31 (37)	27.98 (90)	100	32
11	Bhusawal MC	35.01 (33)	31.6 (90)	100	57
12	Gangapur MC	3.23 (31)	2.92 (90)	100	43
13	Gondia MC	53.4 (71)	48.19 (90)	84	88
14	Ichalkaranji MC	108 (67)	89 (82)	100	78
15	Jalna MC	115 (71)	103.79 (90)	77	11
16	Kalamb MC	7.4 (76)	3.5 (47)	100	75
17	Kalamb NP	3.8 (58)	3.43 (90)	100	8
18	Kankavali NP	3.44 (56)	3.1 (90)	100	36
19	Karanja MC	14.8 (51)	9 (61)	100	32
20	Kaij NP	7.5 (65)	4.28 (57)	100	50
21	Khopoli MC	25.45 (95)	22.97 (90)	100	82
22	Lakhandur NP	3.5 (95)	3.16 (90)	100	5
23	Lonavala MC	19.36 (95)	17.47 (90)	100	100
24	Mahadula NP	4.84 (60)	4.37 (90)	100	100
25	Malegaon NP	4.3 (54)	1.9 (44)	98	61
26	Malkapur MC	5.87 (35)	5.3 (90)	100	100
27	Malshiras NP	5.1 (62)	4.6 (90)	92	36
28	Muktainagar NP	6.37 (49)	0.58 (9)	100	NA
29	Brihanmumbai Municipal Corporation	6213.48 (63)	4870.6 (78)	93	90
30	Murbad NP	4.21 (53)	3.84 (91)	100	100
31	Nagpur Corporation	1222.58 (74)	97.4 (8)	100	7
32	Nandurbar MC	30.05 (48)	27.12 (90)	100	79
33	Narkhed MC	6.2 (78)	5.6 (90)	100	100
34	Nashik Corporation	553.94 (54)	499.93 (90)	100	100
35	Navi Mumbai Corporation	672.22 (87)	606.68 (90)	100	100
36	Niphad NP	6.1 (80)	5.51 (90)	100	2

Sr. No.	ULB name	As per information furnished by Director, Swachh Maharashtra Mission, Mumbai		SLB Department, GoM notification issued by Urban Development	
		Collection of waste in TPD and collection percentage with respect to generation (in per cent)	Processing of waste in TPD and processing percentage with respect to collection (in per cent)	Efficiency of Collection of waste (in per cent)	Efficiency of municipal solid waste recovered (recycled or processed) (in per cent)
37	Palus MC	4.5 (46)	3.15 (70)	100	93
38	Pandharpur MC	38 (68)	34.3 (90)	100	82
39	Parli Vaijinath MC	33 (64)	29.78 (90)	100	100
40	Parola MC	12.01 (85)	10.84 (90)	100	100
41	Pune Corporation	1935.48 (90)	1746.77 (90)	100	100
42	Vadgaon Maval NP	5.04 (41)	4.55 (90)	100	90
43	Wardha MC	21.68 (36)	19.56 (90)	96	44
44	Washi NP	5 (78)	3.8 (76)	97	NA
45	Yavatmal MC	60 (43)	54.15 (90)	100	40

Source: Information furnished by Director, Swachh Maharashtra Mission and information compiled from Service Level Benchmark notification issued by UDD for the year 2021-22

Appendix 3.2

(Reference: Paragraph 3.3.1 and 3.6.1)

Discrepancy in the data on collection efficiency, treatment efficiency for the year 2021-22 between SLB notification, data provided by Director, Swachh Maharashtra Mission and cross verification done by Audit in eight sampled ULBs

Sr. No.	ULB name	Efficiency of collection of waste			Processing of solid waste		
		As per information furnished by Director Swachh Maharashtra Mission, Mumbai	As per SLB notification issued by GoM in April 2023	Information furnished by ULBs on cross verification by Audit	As per information furnished by Director Swachh Maharashtra Mission, Mumbai	As per SLB notification issued by GoM in April 2023	On cross verification by Audit
		(in percentage)			(in percentage)		
1	Ambernath MC	95	100	100	13	24	25
2	Chhatrapati Sambhajnagar Municipal Corporation	57	96	100	91	96	100
3	Bhusawal MC	33	100	100	90	57	100
4	Malshiras NP	62	92	100	90	36	25
5	Malkapur MC	35	100	100	90	100	100
6	Brihanmumbai Municipal Corporation	63	93	96	78	90	94
7	Navi Mumbai Corporation	87	100	100	90	100	100
8	Vadgaon Maval NP	41	100	100	90	90	75

Source: Information furnished by Director, Swachh Maharashtra Mission, information compiled from Service Level Benchmark notification issued by UDD for the year 2021-22 and information obtained by Audit from these ULBs

Appendix 3.3

(Reference: Paragraph 3.3.1 and 3.6.1)

Discrepancy in the information furnished by Director, Swachh Maharashtra Mission and ULBs related to generation, collection and treatment of Solid Waste for the year 2021-22.

Sr. No.	ULB name	Information furnished by Director, Swachh Maharashtra Mission			Information furnished by ULBs		
		Generation (TPD)	Collection (TPD)	Treatment (TPD)	Generation (TPD)	Collection (TPD)	Treatment (TPD)
1	Ambernath MC	145	137.75	18	158.78	158.78	39
2	Chhatrapati Sambhajnagar Municipal Corporation	811.33	460	418	476.4	476.4	476.4
3	Bhusawal MC	105.87	35.01	31.60	65.78	65.78	65.78
4	Malshiras NP	8.28	5.1	4.6	4.91	4.91	1.22
5	Malkapur MC	16.86	5.87	5.3	5.78	5.78	5.78
6	Brihanmumbai Municipal Corporation	9841.32	6213.48	4870.6	6514.12	6228.75	5829.32
7	Navi Mumbai Corporation	773.66	672.22	606.68	662.83	662.83	662.83
8	Vadgaon Maval NP	12.5	5.04	4.55	5.62	5.62	4.24

Source: Information furnished by Director, Swachh Maharashtra Mission and information obtained by Audit from these ULBs

Appendix 3.4

(Reference: Paragraph 2.5.3, 3.3.2 and 3.4.1)

Status of achievements against Service Level Benchmarks in the test-checked ULBs during 2021-22

Sr. No.	Name of ULB	House Hold level coverage	Extent of segregation	Extent of solid waste processed (waste recycled or processed as a percentage of waste collected)	Efficiency in collection of SWM charges
		100	100	80	90
1	Achalpur MC	90	100	31	29
2	Amalner MC	100	100	1	0
3	Ambarnath MC	93	25	24	44
4	Amravati Municipal Corporation	98	9	100	NA
5	Arni MC	92	100	NA	NA
6	Ashti (Beed) NP	79	82	4	NA
7	Ashthi (Wardha) NP	100	86	84	33
8	Chhatrapati Sambhajnagar Municipal Corporation	97	86	96	78
9	Ballarpur MC	99	92	80	72
10	Beed MC	97	32	32	69
11	Bhusawal MC	100	57	57	36
12	Gangapur MC	100	43	43	NA
13	Gondia MC	100	92	88	0
14	Ichalkaranji MC	82	100	78	98
15	Jalna MC	87	11	11	NA
16	Kaij NP	100	100	50	43
17	Kalamb NP	88	48	8	27
18	Kalamb MC	100	100	75	97
19	Kankavali NP	100	100	36	59
20	Karanja MC	91	9	32	NA
21	Khopoli MC	94	89	82	27
22	Lakhandur NP	100	100	5	58
23	Lonavala MC	100	100	100	76
24	Mahadula NP	100	100	100	33
25	Malegaon NP	100	61	61	21
26	Malkapur MC	100	100	100	37
27	Malshiras NP	88	1	36	NA
28	Brihanmumbai Municipal Corporation	94	82	90	0
29	Muktainagar NP	99	0	NA	19
30	Murbad NP	100	100	100	40
31	Nagpur Municipal Corporation	80	7	7	NA
32	Nandurbar MC	92	57	79	78
33	Narkhed MC	99	100	100	24
34	Nashik Municipal Corporation	74	95	100	83
35	Navi Mumbai Municipal Corporation	99	100	100	0
36	Niphad NP	97	63	2	30
37	Palus MC	80	100	93	70
38	Pandharpur MC	100	83	82	58
39	Parli-Vaijinath MC	100	100	100	23
40	Parola MC	93	100	100	46
41	Pune Municipal Corporation	88	100	100	64
42	Vadgaon-Maval NP	91	100	90	0
43	Wardha MC	84	100	44	39
44	Washi NP	98	86	NA	NA
45	Yavatmal MC	95	100	40	NA

Source: Service Level Benchmark notification issued by UDD for the year 2021-22

Appendix: 3.5

(Reference: Paragraph 3.3.3)

Involvement of Organised Waste Pickers and Self-Help Groups in door-to-door waste collection in the test-checked ULBs as of March 2022

Sr. No.	Name of ULB	Organised Waste Picker		Self Help Group	
		Whether ID card issued	Whether involved in Door-to-door collection	Whether formed	Whether involved in Door-to-door collection
1	Achalpur	Yes	Yes	No	No
2	Amalner	Yes	No	No	No
3	Ambernath	Yes	Yes	No	No
4	Amravati	Yes	Yes	No	No
5	Arni	No	No	No	No
6	Ashti (Beed)	No	No	No	No
7	Ashti, (Wardha)	No	No	Yes	No
8	Chhatrapati Sambhajnagar	No	No	No	No
9	Ballarpur	Yes	Yes	Yes	Yes
10	Beed	Yes	Yes	Yes	Yes
11	Bhusawal	Yes	Yes	Yes	Yes
12	Gangapur	Yes	Yes	No	No
13	Gondia	No	No	No	No
14	Ichalkaranji	No	No	No	No
15	Jalna	No	No	No	No
16	Kaij	Yes	Yes	Yes	Yes
18	Kalamb MC	Yes	No	No	No
17	Kalamb NP	Yes	No	Yes	No
19	Kankavali	No	No	Yes	Yes
20	Karanja	Yes	No	No	No
21	Khopoli	Yes	No	Yes	No
22	Lakhandur	No	No	No	No
23	Lonavala	No	No	No	No
24	Mahadula	No	No	No	No
25	Malegaon	No	No	No	No
26	Malkapur	No	No	No	No
27	Malshiras	No	No	Yes	Yes
28	BMC	Yes	Yes	Yes	Yes
29	Muktainagar	No	No	No	No
30	Murbad	Yes	No	Yes	No
31	Nagpur	No	No	No	No
32	Nandurbar	Yes	No	Yes	Yes
33	Narkhed	Yes	Yes	Yes	Yes
34	Nashik	Yes	Yes	Yes	Yes
35	Navi Mumbai	Yes	No	No	No
36	Niphad	Yes	No	No	No
37	Palus	Yes	No	Yes	Yes
38	Pandharpur	Yes	No	No	No
39	Parli Vaijnath	Yes	No	No	No
40	Parola	Yes	No	Yes	Yes
41	Pune	Yes	Yes	No	No
42	Vadgaon Maval	Yes	No	No	No
43	Wardha	Yes	No	No	No
44	Washi	Yes	No	No	No
45	Yavatmal	Yes	No	Yes	No

Source: Information furnished by Director, Swachh Maharashtra Mission.

Appendix 3.6
(Reference: Paragraph 3.4.4.2)

Collection arrangement for and disposal of BMW from Household in the test-checked ULBs as of March 2022

Sr. No.	Name of ULB	Method of collection of BMW (Mixed or segregated)	Arrangement for disposal
1	Achalpur	Mixed	No
2	Amalner	Mixed	No
3	Ambernath	Mixed	No
4	Amravati	Mixed	No
5	Arni	Mixed	No
6	Ashti (Beed)	Mixed	No
7	Ashthi (Wardha)	Mixed	No
8	Chhatrapati Sambhajnagar	Mixed	Yes
9	Ballarpur	Mixed	No
10	Beed	Mixed	No
11	Bhusawal	Mixed	No
12	Gangapur	Mixed	Yes
13	Gondia	Mixed	No
14	Ichalkaranji	Mixed	No
15	Jalna	Segregated	No
16	Kaij	Mixed	Yes
17	Kalamb MC	Mixed	No
18	Kalamb NP	Mixed	No
19	Kankavali	Segregated	No
20	Karanja	Mixed	No
21	Khopoli	Mixed	No
22	Lakhandur	Mixed	No
23	Lonavala	Segregated	No
24	Mahadula	Mixed	No
25	Malegaon	Mixed	No
26	Malkapur	Segregated	No
27	Malshiras	Mixed	No
28	BMC	Mixed	No
29	Muktainagar	Mixed	No
30	Murbad	Mixed	No
31	Nagpur	Mixed	No
32	Nandurbar	Mixed	No
33	Narkhed	Segregated	Yes
34	Nashik	Mixed	No
35	Navi Mumbai	Mixed	No
36	Niphad	Mixed	No
37	Palus	Segregated	No
38	Pandharpur	Segregated	Yes
39	Parli Vaijnath	Segregated	Yes
40	Parola	Segregated	No
41	Pune	Segregated	Yes
42	Vadgaon Maval	Mixed	No
43	Wardha	Mixed	No
44	Washi	Mixed	No
45	Yavatmal	Segregated	Yes

Source: Information furnished by Director, Swachh Maharashtra Mission.

Appendix 3.7
(Reference: Paragraph 3.6.5)
Non-availability of sanitary landfill in the test-checked ULBs

Sr. No.	Name of ULB	Availability of Sanitary Landfill (Yes/No)	Total Waste dumped during 2016-22 in MT	Quantity of Segregated waste included in total waste in MT
1	Achalpur	No	16837	11888
2	Ambernath	No	249895	217658
3	Amravati	No	195459	182100
4	Ashti (Beed) NP,	No	426	308
5	Ashti (Wardha)	No	1910	1758
6	Chhatrapati Sambhajinagar	No	206701	130416
7	Beed	No	6722	5608
8	Bhusawal	No	5019	3741
9	Gondia	No	19738	17791
10	Ichalkaranji	No	18540	16204
11	Jalna	No	17808	13647
12	Kajj	No	9397	6952
13	Kalamb NP	No	3065	2943
14	Kalamb MC	No	9097	8816
15	Kankavali	No	2993	2841
16	Karanja	No	10154	8000
17	Lakhandur	No	413	286
18	Malegaon	No	5076	4923
19	Malshiras	No	698	517
20	Muktainagar	No	5701	5508
21	Murbad	No	579	428
22	Nagpur	No	2582680	2261115
23	Niphad	No	861	640
24	Parli Vaijinath	No	13728	12524
25	Vadgaon Maval	No	1610	1435
26	Washi	No	2417	1687
	(Sub Total Sr. No. 1 to 26)		3387524	2919734
27	BMC (Deonar)	No	5128335	4243033
	BMC (Kanjur Marg)	Yes	0	0
28	Amalner	Yes	7718	6860
29	Arni MC	Yes	9822	7997
30	Ballarpur	Yes	3619	2685
31	Gangapur	Yes	460	346
32	Khopoli	Yes	3583	2680
33	Lonavala	Yes	2935	2237
34	Mahadula	Yes	2389	2212
35	Malkapur	Yes	802	610
36	Nandurbar	Yes	6527	5467
37	Narkhed	Yes	829	605
38	Nashik	Yes	158163	143487
39	Navi Mumbai	Yes	106001	80968
40	Palus	Yes	4389	4230
41	Pandharpur	Yes	6264	4877
42	Parola	Yes	2598	2160
43	Pune	Yes	812302	740242
44	Wardha	Yes	3100	2308
45	Yavatmal	Yes	27511	25321
	(Sub Total Sr. No. 28 to 45)		1159012	1035292
	Grand Total		9674871	8198059

Source: Information furnished by Director, Swachh Maharashtra Mission.

Appendix 4.1

(Reference paragraph 4.1)

Status of water quality testing in the test-checked ULBs during 2016-17 to 2021-22

Sr. No.	Name of the ULB	Number of Testing
1	Amalner	Testing was done only once in 2020-21.
2	Gangapur Municipal Council	Testing was done only once in 2020-21.
3	Jalna Municipal Council	No testing was done during 2016-17 to 2018-19, 2020-21 and 2021-22. Testing was done twice during 2019-20, however, the samples did not meet the prescribed standards.
4	Kankavali Nagar Panchayat	Testing was done only once in 2020-21.
5	Khopoli Municipal Council	Testing was done five times (once each during 2017-18 to 2021-22). All samples met the prescribed standards.
6	Lakhandur Nagar Panchayat	Test was done nine times during 2016-17 to 2021-22.
7	Municipal Corporation of Greater Mumbai	680 test was done during 2016-17 to 2021-22.
8	Muktainagar Nagar Panchayat	90 tests were done only in 2020-21.
9	Nashik Municipal Corporation	Test was done eight times during 2016-17 to 2021-22.
10	Navi Mumbai Municipal Corporation	69 test was done during 2016-17 to 2021-22.
11	Pandharpur	Testing was done three times each in 2020-21 and 2021-22 which did not meet the prescribed standards.
12	Pune Municipal Corporation	Test was done 10 times during 2016-17 to 2021-22.
13	Yavatmal Municipal Corporation	Test was done 23 times during 2016-17 to 2021-22.
14	Chhatrapati Sambhajnagar Municipal Corporation	Test was done 12 times in 2021-22. However, the samples did not meet the prescribed standards.
15	Ballarpur Municipal Council	Test was done four times only in 2021-22 which did not meet the prescribed standards.
16	Narkhed Municipal Council	Only one test was done in 2021-22.
17	Wardha Municipal Council	Only one test was done in 2021-22.
18	Remaining 28 test-checked ULBs	No test conducted.

Source: Information obtained from ULBs and Director, Swachh Maharashtra Mission.

Appendix 4.2
(Reference paragraph 4.1)
Status of air quality testing in the test-checked ULBs during 2016-17 to 2021-22

Sr. No.	Name of the ULB	Status of testing done
1	Amalner	Only three test done against 12 tests to be conducted during 2016-17 to 2021-22.
2	Ballarpur	As against 12 tests to be conducted during 2016-17 to 2021-22, only eight tests were done. Results of the tests were not furnished for the year 2016-17 to 2020-21 while in four tests done during 2021-22, the prescribed air quality standard was not met.
3	Ichalkaranji	Testing was done only once in 2020-21 as against 12 tests to be done during 2016-17 to 2021-22.
4	Brihanmumbai Municipal Corporation	680 tests were done during 2016-17 to 2021-22.
5	Muktainagar NP	3 tests were done only in 2020-21 against the target 6 tests during 2016-17 to 2021-22.
6	Nandurbar Municipal Council	Against the target of 12 tests during 2016-17 to 2021-22, no tests were conducted during 2016-17 to 2018-19. 13 tests were done during 2019-20 to 2020-21. Four tests were done in 2021-22.
7	Niphad	2 tests were done only during 2020-21 against the target of 6 tests to be conducted during 2016-17 to 2021-22 which did not meet the prescribed standards.
8	Nashik Municipal Corporation	9 tests were done during 2017-18 to 2021-22 as against 24 tests to be done during 2016-17 to 2021-22.
9	Navi Mumbai Municipal Corporation	Continuous Air Monitoring System installed. Monthly average of Suspended Particulate Matter (PM 10-Particulate Matter of 10 microns or less) component was higher than the prescribed limit of 60 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) throughout 2016-17 to 2018-19, except July, August, September 2016 and June 2017.
10	Pandharpur	One test each done during 2020-21 and 2021-22 as against 12 tests to be done during 2016-17 to 2021-22.
11	Chhatrapati Sambhajnagar Municipal Corporation	As against 24 tests to be done during 2016-17 to 2021-22, 12 tests were done only in 2021-22 which did not meet the prescribed standards.
12	Narkhed	As against six tests to be done during 2016-17 to 2021-22 only one test was done in 2021-22.
13	Wardha	As against 12 tests to be done during 2016-17 to 2021-22 only one test was done in 2021-22.
14	Remaining 32 test-checked ULBs	No test conducted.

Source: Information obtained from ULBs and Director, Swachh Maharashtra Mission.

Glossary of abbreviations

BMC	Brihanmumbai Municipal Corporation
C&D waste	Construction and Demolition waste
C&DWM Rules	Construction and Demolition Waste Management Rules, 2016
CBMWTF	Common Bio-Medical waste treatment facility
DMA	Directorate of Municipal Administration
DPRs	Detailed Project Reports
EWM Rules	e-waste Management Rules
FC	Finance Commission
GoI	Government of India
GPS	Global Positioning System
GR	Government Resolution
MC	Municipal Council
MPCB	Maharashtra Pollution Control Board
MT	Metric Ton
NMMC	Navi Mumbai Municipal Corporation
NP	Nagar Parishad
PCPD	Per Capita Per Day
PPE	Personal Protection Equipment
PWM Rules	Plastic Waste Management Rules, 2016
SBM	Swachh Bharat Mission
SHGs	Self-Help Groups
SLAB	State level Advisory Board
SLAC	State Level Advisory Committee
SLBs	Service Level Benchmarks
SWM	Solid Waste Management
UDD	Urban Development Department
ULBs	Urban Local Bodies

