


## Service Level Benchmarking under 14th Finance Commission - General Information of City Maurawan, Unnao. (2018-19)

S.No	Code	Input Nomenclature	Value	70 input fields Logic/Remark
<b>Demographics</b>				
1	XA	Population (Census 2011)	Persons	15501 input field
2	XB	Decadal Growth Rate of the City	%	8.50 (E8-E6)*100/E6
3	XC	Population (Present Year 2019)	Persons	17484 input field
4	XD	Number of Households (Census 2011)	Number	2265 input field
5	XE	Number of Households (Present Year)	Number	2390 function of XD
6	XF	Family Size (Census 2011)	Persons	7 XA/XD
7	XG	Family Size (Present Year 2019)	Persons	8 XC/XE
8	XH	Number of Slums (2011)	Number	0 input field
9	XI	Number of Slums (Present Year 2019)	Number	0 input field
10	XJ	Number of Slum Households (2011)	Number	0 input field
11	XK	Number of Slum Households (Present Year 2019)	Number	0 input field
12	XL	Number of Properties (2011)	Number	2265 input field
13	XM	Number of Properties (Present Year 2019)	Number	2390 input field
14	XN	Number of Election Wards (2011)	Number	12 input field
15	XO	Number of Election Wards (Present Year 2019)	Number	12 input field
16	XP	Town/City Area (Census 2011)	sq.km	5 input field
17	XQ	Present Town/City Area	sq.km	5 input field
18	XR	Population Density (Present Year)	Number	3496.80 XC/XQ
19	XS	Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2011)	Number	345 input field
20	XT	Number of Commercial and other establishments (offices, institutions, markets, Hotels and Restaurants)(Present Year 2019)	Number	370 input field
<b>Service Provider Details - Water Supply</b>				
21	XU	Name of Town/City	Maurawan	input field
22	XV	Name of the Department/Unit	Nagar Panchayat	input field
23	XW	Name of the Head of Department/Unit	Shri Raja Ram	input field
24	XX	Designation of the Department Head	Executive Officer	input field
25	XY	Address	NP Maurawan Unnao	input field
26	XZ	Telephone Number		input field
27	YA	Mobile Number	9450844798	input field
28	YB	Fax Number		input field
29	YC	Email	nppmaurava@gmail.com	input field
30	YD	Website	www.maurawannp.in	input field
31	YE	Name of the Contact Person	Shri Gagna Charan	input field
32	YF	Designation of the contact person	Clerk	input field
33	YG	Address	NP Maurawan Unnao	input field
34	YH	Telephone Number		input field
35	YI	Mobile Number	9198496272	input field
36	YJ	Fax Number		input field
37	YK	Email	nppmaurava@gmail.com	input field
38	YL	Website	www.maurawannp.in	input field
<b>Service Provider Details - Sewerage and Drainage</b>				
39	YM	Name of Town/ City	Maurawan	input field
40	YN	Name of the Department/Unit		input field
41	YO	Name of the Head of Department/Unit	Shri RajaRam	input field
42	YP	Designation of the Department Head	Executive Officer	input field
43	YQ	Address	NP Maurawan Unnao	input field
44	YR	Telephone Number		input field
45	YS	Mobile Number	9450844798	input field
46	YT	Fax Number		input field
47	YU	Email	nppmaurava@gmail.com	input field
48	YV	Website	www.maurawannp.in	input field
49	YW	Name of the Contact Person	Shri GagnaCharan	input field
50	YX	Designation of the contact person	Clerk	input field
51	YY	Address	NP Maurawan Unnao	input field
52	YZ	Telephone Number		input field
53	ZA	Mobile Number	9198496272	input field
54	ZB	Fax Number		input field
55	ZC	Email ID	nppmaurava@gmail.com	input field
56	ZD	Website	www.maurawannp.in	input field
<b>Service Provider Details - Solid Waste Management</b>				
57	ZE	Name of Town/Utility	Maurawan	input field
58	ZF	Name of the Head of the Department	Shri RajaRam	input field
59	ZG	Designation of the Head of the Department	Executive Officer	input field
60	ZH	Address	NP Maurawan Unnao	input field
61	ZI	Telephone Number		input field

62	ZJ	Mobile Number		9450844798	input field
63	ZK	Fax Number			input field
64	ZL	Email ID		nppmaurava@gmail.com	input field
65	ZM	Website		www.maurawannp.in	input field
66	ZN	Name of the Contact Person		Shri Ganesh Kumar	input field
67	ZO	Designation of the Contact Person		Safai Nayak	input field
68	ZP	Address		NP Maurawan Unnao	input field
69	ZQ	Telephone Number			input field
70	ZR	Mobile Number		9935953862	input field
71	ZS	Fax Number			input field
72	ZT	Email ID		nppmaurava@gmail.com	input field
73	ZU	Website		www.maurawannp.in	input field

  
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## Service Level Benchmarking under 14th Finance Commission- Water Supply Data Nagar Pnchayat Maurawan, Unnao (2018-19)

S.No	Code	Input Nomenclature		Value	Logic/Remark
	I	<b>COVERAGE OF WATER SUPPLY CONNECTIONS</b>			63+14 Input fields
		<i>Water Service Coverage - Number of Connections</i>	%	48.5	AU*100/XE
1	AA	Domestic Connections (Metered Functional)			Input field
2	AB	Domestic Connections (Metered Non-Functional)	Number		Input field
3	AC	Domestic Connections (Unmetered)	Number		Input field
4	AD	Domestic connections (Total)	Number	1025	(AA+AB+AC)
5	AE	Bulk supply Apartments (Metered Functional)	Number	1025	Input field
6	AF	Bulk supply Apartments (Metered Non-Functional)	Number		Input field
7	AG	Bulk supply Apartments (Unmetered)	Number		Input field
8	AH	Bulk supply Apartments (Total)	Number		Input field
9	AI	Bulk supply Layouts/Societies (Metered Functional)	Number	0	(AE+AF+AG)
10	AJ	Bulk supply Layouts/Societies (Metered Non-Functional)	Number		Input field
11	AK	Bulk supply Layouts/societies (Unmetered)	Number		Input field
12	AL	Bulk supply Layouts/Societies (Total)	Number		Input field
13	AM	Others - Specify (Metered Functional)	Number	0	(AI+AJ+AK)
14	AN	Others - Specify (Metered Non-Functional)	Number		Input field
15	AO	Others - Specify (Unmetered)	Number		Input field
16	AP	Others - Specify (Total)	Number		Input field
17	AQ	Total Number of Water Supply Connections	Number	0	(AM+AN+AO)
			Number	1025	(AD+AH+AL+AP)
		<i>Water Service Coverage - Households Served</i>			
18	AR	Households served by Domestic Connections			
19	AS	Households served by Bulk supply - Apartments	Number	1025	Input field
20	AT	Households served by Bulk supply - Layouts/Societies	Number		Input field
21	AU	Total Households served with Water Supply	Number		Input field
		<i>*Households served by own sources such as wells, handpumps shall not be included</i>	Number	1025	AR+AS+AT
	II	<b>PER CAPITA SUPPLY OF WATER</b>			
		<i>Water Production Capacity</i>	LPCD	62.91	(BC+BD+BE+BG+BJ)*10^6/XC
22	AV	Installed Capacity of Treatment Plants for Surface Water Sources			
23	AW	Volume of water produced through Surface Water Sources	MLD		Input field
24	AX	Installed Capacity of Treatment Plants for Ground Water Sources	MLD		Input field
25	AY	Volume of water produced through Ground water (power pumps)	MLD		Input field
26	AZ	Volume of water produced through any Other Sources	MLD	0.8	Input field
27	BA	Total Installed Capacity	MLD		Input field
28	BB	Total Volume of water produced	MLD	0	AV+AX
			MLD	0.8	AW+AY+AZ
		<i>Water Consumption</i>			
29	BC	Volume of water billed from Domestic Connections			
30	BD	Volume of water billed from Bulk supply Apartments	MLD	0.9	Input field
31	BE	Volume of water billed from Bulk supply Layouts/Societies	MLD		Input field
32	BF	Volume of water billed from Non domestic Connections	MLD		Input field
33	BG	Volume of water billed from Public taps	MLD		Input field
34	BH	Volume of water billed from any other sources	MLD		Input field
35	BI	Total Volume of water billed	MLD		Input field
36	BJ	Total Volume of water unbilled (free supplies to Public taps)	MLD	0.9	BC+BD+BE+BF+BG+BH
37	BK	Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	0.2	Input field
			MLD		Input field
	III	<b>EXTENT OF NON REVENUE WATER (NRW)</b>	%	75.00	(BB-BI)*100/BB
38	BB	Total Volume of Water Produced	MLD	2	BB
39	BI	Total Volume of Water Billed	MLD	0.5	BI
	IV	<b>EXTENT OF METERING OF WATER SUPPLY CONNECTIONS</b>	%		(BL+BP+BT)*100/BU
40	BL	Non domestic incl. commercial/Indus/Instl. (Metered Functional)	Number		Input field
41	BM	Non domestic incl. commercial/Indus/Instl. (Metered Non-Functional)	Number		Input field
42	BN	Non domestic incl. commercial/Indus/Instl. (Unmetered)	Number		Input field
43	BO	Non domestic incl. commercial/Indus/Instl. (Total)	Number	0	BL+BM+BN
44	BP	Public taps (Metered Functional)	Number		Input field
45	BQ	Public taps (Metered Non-Functional)	Number		Input field
46	BR	Public taps (Unmetered)	Number	55	Input field
47	BS	Public Taps (Total)	Number	55	BP+BQ+BR
48	BT	Total number of metered and functional connections (domestic, bulk supply, others)	Number	0	AA+AE+AI+AM
49	BU	Total number of Water Supply Connections	Number	1080	AQ+BO+BS
	IV	<b>CONTINUITY OF WATER SUPPLY</b>	Hours per Day	3.00	(BW*BV/30)
		<i>Water Supply Frequency</i>			
50	BV	Days of supply per month	Number	30	Input field
51	BW	Average duration of each supply	Hours	3	Input field



## Service Level Benchmarking under 14th Finance Commission- Sewerage and Drainage Nagar Panchayat Maurawan, Unnao (2018-19)

S.No	Code	Input Nomenclature		Value	Logic/Remark
					31+26 input fields
	I	<b>COVERAGE OF TOILETS</b>	%	65.5	(FC*100/XM)
		<i>Sanitation Coverage</i>			
1	XM	Total Number of Properties in the City	Number	2390	XM
2	FA	Properties with toilets	Number	1770	Input field
3	FB	Households dependent on functional community toilets	Number		Input field
4	FC	Total Number of Properties with access to toilets	Number	1770	FA+FB
	II	<b>COVERAGE OF SEWAGE NETWORK SERVICES</b>	%	0	(FD*100/XM)
5	XM	Total Number of Properties in the City	Number	2390	XM
6	FD	Properties with sewer connections	Number		Input field
7	FE	Properties with onsite sanitary disposal	Number		Input field
	III	<b>COLLECTION EFFICIENCY OF SEWAGE NETWORK</b>	%	0	(FX*100/FW)
		<i>Waste Water Production - Volume of Water Consumed and Waste Water Generated</i>			
8	FF	Volume of water consumed and billed from Domestic Connections	MLD	0.9	BC
9	FG	Volume of water consumed and billed from Bulk supply - Apartments	MLD	0	BE
10	FH	Volume of water consumed and billed from Bulk supply - Layouts/Societies	MLD	0	BF
11	FI	Volume of water consumed and billed from Non domestic Connections	MLD	0	BD
12	FJ	Volume of water consumed (both billed and unbilled) from Public taps	MLD	0.2	BG+BJ
13	FK	Volume of water from free supplies (other connections)	MLD	0	BK
14	FL	Volume of water consumed and billed from any other ULB sources	MLD	0	BH
15	FM	Volume of water consumed from any Non ULB water sources	MLD		Input field
16	FN	Total Water Consumption (billed and unbilled) from ULB and Non ULB sources)	MLD	1.1	FF+FG+FH+FI+FJ+FK+FL+FM
17	FO	Volume of waste water generated from Domestic Water Consumption	MLD	0.72	0.80*FF
18	FP	Volume of waste water generated from Bulk Supply - Apartments	MLD	0	0.80*FG
19	FQ	Volume of waste water generated from Bulk Supply - Layouts/Societies	MLD	0	0.80*FH
20	FR	Volume of waste water generated from Non Domestic Water Consumption	MLD	0	0.80*FI
21	FS	Volume of waste water generated from Public Tap Water Consumption	MLD	0.17	0.80*FJ
22	FT	Volume of waste water generated from free supplies (other connections)	MLD	0	0.80*FK
23	FU	Volume of waste water generated from other ULB source water consumption	MLD	0	0.80*FL
24	FV	Volume of waste water generated from Non ULB source Water consumption	MLD	0	0.80*FM
25	FW	Total Waste Water Generated	MLD	0.89	FO+FP+FQ+FR+FS+FT+FU+FV
		<i>Waste Water Collection and Treatment</i>			
26	FX	Volume of sewage actually treated at the Primary Treatment Plant	MLD		Input field
27	FY	Volume of sewage actually treated at Secondary Treatment Plant	MLD		Input field
28	FZ	Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	0	FX+FY
	IV	<b>ADEQUACY OF SEWAGE TREATMENT CAPACITY</b>	%	0	(GB*100/FW)
29	GA	Installed Capacity of Primary Treatment Plant	MLD		Input field
30	GB	Installed Capacity of Secondary Treatment Plant	MLD		Input field
31	GC	Total Installed Capacity (Primary + Secondary Treatment)	MLD	0	GA+GB
32	FW	Total Waste Water Generated	MLD	0.89	FW
	V	<b>EXTENT OF REUSE AND RECYCLING OF SEWAGE</b>	%	#DIV/0!	(GD*100/FY)
33	FY	Volume of sewage actually treated at Secondary Treatment Plant	MLD	0	FY
34	GD	Volume of treated waste water reused after Secondary Treatment	MLD		Input field
	VI	<b>QUALITY OF SEWAGE TREATMENT</b>	%	#DIV/0!	(GF*100/GE)
		<i>Discharge Compliance after Secondary Treatment of Sewage</i>			
35	GE	Number of Treated Effluent Samples Tested in the previous year	Number		Input field
36	GF	Number of Treated Effluent Samples Passed in the previous year	Number		Input field
	VII	<b>EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS</b>	%	#DIV/0!	(GH*100/GG)
		<i>Consumer Services</i>			
37	GG	Sewage related Complaints received during the year	Number		Input field
38	GH	Sewage related Complaints resolved within 24 hours during the year	Number		Input field
	VIII	<b>EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT</b>	%	#DIV/0!	(GU*100/GP)
		<i>Financial Information - Annual Operating Expenses</i>			
39	GI	Regular Staff and Administration	Rs. Lakhs		Input field
40	GJ	Outsourced /Contract Staff Costs	Rs. Lakhs		Input field
41	GK	Electricity Charges /Fuel Costs	Rs. Lakhs		Input field
42	GL	Chemicals Costs	Rs. Lakhs		Input field
43	GM	Repairs/Maintenance Costs	Rs. Lakhs		Input field
44	GN	Contractor Costs for O&M	Rs. Lakhs		Input field
45	GO	Others (Specify)	Rs. Lakhs		Input field
46	GP	Total Annual Operating Expenses	Rs. Lakhs	0.00	GI+GJ+GK+GL+GM+GN+GO
		<i>Financial Information - Annual Operating Revenues</i>			
47	GQ	Arrears at the beginning of previous year	Rs. Lakhs		Input field
48	GR	Revenue demand from user charges - sewerage only	Rs. Lakhs		Input field
49	GS	Revenue demand from tax/cess - sewerage only	Rs. Lakhs		Input field
50	GT	Revenue demand from other sources (eg. connection costs/donations etc.)	Rs. Lakhs		Input field
51	GU	Total Revenue Demand of the previous year (Current Demand of previous year)	Rs. Lakhs	0.00	GR+GS+GT
	IX	<b>EFFICIENCY IN COLLECTION OF SEWAGE CHARGES</b>	%	#DIV/0!	(GW*100/GU)
52	GU	Total Revenue Demand of the previous year (Current Demand of previous year)	Rs. Lakhs	0.00	GU
53	GV	Collection against arrears	Rs. Lakhs		Input field
54	GW	Collection against current demand	Rs. Lakhs		Input field

Additional Information (Optional)					
<b>Staff Information</b>					
55	HA	Senior Management (Sanctioned)	Number	Input field	
56	HB	Senior Management (Working)	Number	Input field	
57	HC	Engineers (Sanctioned)	Number	Input field	
58	HD	Engineers (Working)	Number	Input field	
59	HE	Clerks/Accountants (Sanctioned)	Number	Input field	
60	HF	Clerks/Accountants (Working)	Number	Input field	
61	HG	Labourers/Cleaners (Sanctioned)	Number	Input field	
62	HH	Labourers/Cleaners (Working)	Number	Input field	
63	HI	Total (Sanctioned)	Number	0	
64	HJ	Total (Working)	Number	0	
<b>Septage Management</b>					
65	HL	Does the ULB practice septage management	Yes/No	Input field	
66	HM	Septage sucking machines available within ULB	Number	Input field	
67	HN	Private Septage machines licenced by ULB	Number	Input field	
<b>Connection Costs for Sewerage Connections</b>					
68	HO	Residential - General	Rs	Input field	
69	HP	Residential - Urban Poor	Rs	Input field	
70	HQ	Institutional	Rs	Input field	
71	HR	Commercial	Rs	Input field	
72	HS	Industrial	Rs	Input field	
<b>Sewerage Tariff Structure - Flat Rate Tariff</b>					
73	HT	Residential - General	Rs./Month	Input field	
74	HU	Residential - Urban Poor	Rs./Month	Input field	
75	HV	Institutional	Rs./Month	Input field	
76	HW	Commercial	Rs./Month	Input field	
77	HX	Industrial	Rs./Month	Input field	
<b>Sewerage Tariff Structure - Volumetric Tariff</b>					
78	HY	Residential - General	Rs./KL	Input field	
79	HZ	Residential - Urban Poor	Rs./KL	Input field	
80	IA	Institutional	Rs./KL	Input field	
81	IB	Commercial	Rs./KL	Input field	
82	IC	Industrial	Rs./KL	Input field	
<b>Storm Water Drainage Data</b>					
<b>I COVERAGE OF STORM WATER DRAINAGE NETWORK</b>					
83	ID	Total Length of Road Network	Kilometers	14.6	
84	IE	Total Length of Pucca covered drains	Kilometers	12.5	
<b>II INCIDENCE OF WATER LOGGING/FLOODING</b>					
85	IF	Number of Flood Prone Points in the city	Number	0	
86	IG	Average Frequency of Flooding	Number	0	
<b>SEWERAGE SERVICE INDICATOR VALUES</b>					
S.No.	Indicator		Unit	Value	Reliability
1	Coverage of Toilets		%	65.5	
2	Coverage of wastewater network services		%	0.0	
3	Collection efficiency of wastewater networks		%	0.0	
4	Adequacy of wastewater treatment capacity		%	0.0	
5	Extent of reuse and recycling of treated wastewater		%	#DIV/0!	
6	Quality of wastewater treatment		%	#DIV/0!	
7	Efficiency in redressal of customer complaints		%	#DIV/0!	
8	Extent of cost recovery in wastewater management		%	#DIV/0!	
9	Efficiency in collection of sewerage charges		%	#DIV/0!	
<b>STORM WATER DRAINAGE SERVICE INDICATOR VALUES</b>					
S.No.	Indicator		Unit	Value	Reliability
1	Coverage of Storm Water Drainage Network		%	93	
2	Incidence of water logging/flooding		Number	0	

  
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## Service Level Benchmarking under 14th Finance Commission- Solid Waste Management Nagar Panchayat Maurawan, Unnao (2018-19)

S.No	Code	Input Nomenclature		Value	Logic/Remark
	I	HOUSEHOLD LEVEL COVERAGE OF SOLID WASTE MANAGEMENT SERVICES			65+17 input fields
		<i>Door to Door Collection - Number of HHs and establishments covered by Door to Door Collection</i>		96.38	KE*100/(XE+XT)
1	KA	Number of Households covered by Door to Door Collection			
2	KB	Number of Hotels and Restaurants covered by Door to Door Collection	Number	2290	Input field
3	KC	Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	Number	370	Input field
4	KD	Number of any other establishments (incl. markets) covered by Door to Door Collection	Number	0	Input field
5	KE	Total Number of Households and Establishments covered by Door to Door Collection	Number	0	Input field
				2660	KA+KB+KC+KD
	II	EFFICIENCY OF COLLECTION OF MUNICIPAL SOLID WASTE			
		<i>Waste Generation</i>		100.00	IF(KO=0,(LO*100/KL),(KO*100/KL))
6	KF	Waste Generated by Households			
7	KG	Waste Generated by Street Sweeping	MT/month	25	Input field
8	KH	Waste Generated by Hotels and Restaurants	MT/month	15	Input field
9	KI	Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/month	5	Input field
10	KJ	Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/month	10	Input field
11	KK	Waste Generated by other sources (eg. debris, horticulture waste etc)	MT/month	0	Input field
12	KL	Total Waste Generated	MT/month	0	Input field
				55	KF+KG+KH+KI+KJ+KK
		<i>Waste Collection and Transportation - Details of waste received at Processing/ Disposal Facilities</i>			
13	KM	Quantity of waste received at processing and recycling facilities	MT/month		Input field
14	KN	Quantity of waste received at disposal sites	MT/month		Input field
15	KO	Total waste received at processing/disposal facility and recycled	MT/month	55	Input field
				55	KM+KN+LQ-ME
		<i>Waste Collection and Transportation - Details of waste transported to Processing/ Disposal Facilities</i>			
16	KP	Number of lorries/trucks used for transportation of waste	Number	0	Input field
17	KQ	Capacity of each lorries/trucks	Metric Tons (MT)	0	Input field
18	KR	Total number of trips made by each lorries/trucks each day to the disposal site	Trips per day	0	Input field
19	KS	Total quantity of waste collected by mini lorries/trucks	MT/month	0	KP*KQ*KR*30
20	KT	Number of dumper placers used for transportation of waste	Number	0	Input field
21	KU	Capacity of each dumper placer	Metric Tons (MT)	1	Input field
22	KV	Total number of trips made by each dumper placers each day to the disposal site	Trips per day	6	Input field
23	KW	Total quantity of waste collected by dumper placers	MT/month	0.2	KT*KU*KV*30
24	KX	Number of mini lorries used for transportation of waste	Number	0	Input field
25	KY	Capacity of each mini lorry	Metric Tons (MT)	0	Input field
26	KZ	Total number of trips made by each mini lorries each day to the disposal site	Trips per day	0	Input field
27	LA	Total quantity of waste collected by mini lorries	MT/month	0	KX*KY*KZ*30
28	LB	Number of tractor trailers used for transportation of waste	Number	1	Input field
29	LC	Capacity of each tractor trailer	Metric Tons (MT)	0.5	Input field
30	LD	Total number of trips made by each tractor trailer each day to the disposal site	Trips per day	3	Input field
31	LE	Total quantity of waste collected by tractor trailer	MT/month	45	LB*LC*LD*30
32	LF	Number of tipper trucks used for transportation of waste	Number	0	Input field
33	LG	Capacity of each tipper trucks	Metric Tons (MT)	0	Input field
34	LH	Total number of trips made by each tipper trucks each day to the disposal site	Trips per day	0	Input field
35	LI	Total quantity of waste collected by tipper trucks	MT/month	0	LF*LG*LH*30
36	LJ	Number of 3 wheeler auto tippers used for transportation of waste	Number	0	Input field
37	LK	Capacity of each 3 wheeler auto tipper	Metric Tons (MT)	0	Input field
38	LM	Total number of trips made by each 3 wheeler auto tippers each day to the disposal site	Trips per day	0	Input field
39	LN	Total quantity of waste collected by 3 wheeler auto tippers	MT/month	0	LJ*LK*LM*30
40	LO	Total quantity of waste collected and transported to disposal site	MT/month	45.2	KS+KW+LA+LE+LI+LN
	III	EXTENT OF SEGREGATION OF MUNICIPAL SOLID WASTE			
		<i>Segregation of Waste</i>			((LP+LQ)/IF(MH=0,LO,MH))*100
41	LP	Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/month	0	Input field
42	LQ	Quantity of waste taken away by recyclers from intermediate points	MT/month	0	Input field

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IV EXTENT OF MUNICIPAL SOLID WASTE RECOVERED				
Quantity of Waste Processing				
				(MF/IF(KO=0,LO,KO))*100
43	LR	Installed Capacity of Composting Plant		
44	LS	Waste Quantity Input at the Composting Plant	MT/month	0 Input field
45	LT	Installed Capacity of Vermi-composting Plant	MT/month	0 Input field
46	LU	Waste Quantity Input at the Vermi-composting Plant	MT/month	0 Input field
47	LV	Installed Capacity of Refuse Derived Fuel	MT/month	0 Input field
48	LW	Waste Quantity Input at the Refuse Derived Fuel	MT/month	0 Input field
49	LX	Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	MT/month	0 Input field
50	LY	Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	MT/month	0 Input field
51	LZ	Installed Capacity of any other processing facilities	MT/month	0 Input field
52	MA	Waste Quantity Input at other processing facilities	MT/month	0 Input field
53	MB	Total Installed Capacity of Processing facilities	MT/month	0 Input field
54	MC	Total Waste Quantity Input at all types of processing facilities	MT/month	0 LR+LT+LV+LX+LZ
55	MD	Quantity of waste rejected by processing facilities at intake point	MT/month	0 LS+LU+LW+LY+MA
56	ME	Quantity of post-processing rejects sent to dumpsite/ landfills	MT/month	0 Input field
57	MF	Total Waste Processed in the ULB	MT/month	0 Input field
				IF(MC<MB,(MC+LQ-MD),(MB+LQ-MD))
V EXTENT OF SCIENTIFIC DISPOSAL OF MUNICIPAL SOLID WASTE				
Quantity of Waste Disposal				
				(MG*100/(MG+MH))
58	MG	Quantity of waste disposed in compliant landfill sites		
59	MH	Quantity of waste disposed in open dump sites	MT/month	0 Input field
			MT/month	52 Input field
VI EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS				
Customer Service				
				88.00 (MJ*100/MI)
60	MI	Complaints received during the year		
61	MJ	Complaints resolved within 24 hours during the year	Number	25 Input field
			Number	22 Input field
VII EXTENT OF COST RECOVERY IN SWM SERVICES				
Financial Information - Operational Expenditure on SWM during previous year				
				#DIV/0! (NA*100/MR)
62	MK	Regular Staff & Administration		
63	ML	Outsourced/Contracted Staff Costs	Rs. In Lakhs	Input field
64	MM	Electricity Charges/Fuel Costs	Rs. In Lakhs	Input field
65	MN	Chemical Costs	Rs. In Lakhs	Input field
66	MO	Repair/Maintenance Costs	Rs. In Lakhs	Input field
67	MP	Contracted Services Cost	Rs. In Lakhs	Input field
68	MQ	Other Costs (Specify)	Rs. In Lakhs	Input field
69	MR	Total Operational Expenses	Rs. In Lakhs	Input field
			Rs. In Lakhs	0.00 MK+ML+MM+MN+MO+MP+MQ
Financial Information - Operational Revenues from SWM during previous year				
70	MS	Arrears at the end of previous year		
71	MT	Tax / Cess - Solid Waste only	Rs. In Lakhs	Input field
72	MU	User Charges	Rs. In Lakhs	Input field
73	MV	Fixed Charges based on Property Tax/ State Taxes/Cess/Surcharges	Rs. In Lakhs	Input field
74	MW	Sale of Recyclables	Rs. In Lakhs	Input field
75	MX	Sale from processing - compost/energy	Rs. In Lakhs	Input field
76	MY	Royalty	Rs. In Lakhs	Input field
77	MZ	Others (Specify)	Rs. In Lakhs	Input field
78	NA	Total Revenue Demand Raised for the previous year	Rs. In Lakhs	Input field
			Rs. In Lakhs	0 MT+MU+MV+MW+MX+MY+MZ
VIII EFFICIENCY IN COLLECTION OF SWM CHARGES				
				#DIV/0! (NC*100/NA)
79	NA	Total Revenue Demand Raised for the previous year		
80	NB	Collection against arrears	Rs. In Lakhs	0 NA
81	NC	Collection against Current Demand	Rs. In Lakhs	0 Input field
			Rs. In Lakhs	0 Input field
		Additional Information (Optional)		
		Staff Information		
82	ND	Senior Management-Health Officer (Sanctioned)		
83	NE	Senior Management-Health Officer (Working)	Number	Input field
84	NF	Sanitary Inspector (Sanctioned)	Number	Input field
85	NG	Sanitary Inspector (Working)	Number	Input field
86	NH	Sanitary Supervisor (Sanctioned)	Number	Input field
87	NI	Sanitary Supervisor (Working)	Number	1 Input field
88	NJ	Maistries/Safai Karam chari (Sanctioned)	Number	1 Input field
89	NK	Maistries/Safai Karam chari (Working)	Number	10 Input field
90	NL	Cleaners/Drivers (Sanctioned)	Number	10 Input field
91	NM	Cleaners/Drivers (Working)	Number	1 Input field
92	NN	Labourers (Sanctioned)	Number	1 Input field
93	NO	Labourers (Working)	Number	55 Input field
94	NP	Others Specify	Number	55 Input field
95	NQ	Total (Sanctioned)	Number	0 Input field
96	NR	Total (Working)	Number	67 ND+NF+NH+NJ+NL+NN
			Number	67 NE+NG+NI+NK+NM+NO+NP
97	NS	Are daily records of waste received at compliant landfill maintained (MSW 2000)	Yes/No	NO Input field
98	NT	Is weighbridge available at landfill site?	Yes/No	NO Input field
99	NU	Are daily records of waste received at open dumpsites maintained?	Yes/No	NO Input field
100	NV	Is weighbridge available at dumpsite?	Yes/No	YES Input field
			Yes/No	NO Input field
SOLID WASTE MANAGEMENT INDICATORS				



	Indicators	Unit	Result	Reliability
1	Household level coverage of solid waste management services	%	96.4	
2	Efficiency of collection of municipal solid waste	%	100.0	
3	Extent of segregation of municipal solid waste	%	0.0	
4	Extent of municipal solid waste recovered	%	0.0	
5	Extent of scientific disposal of municipal solid waste	%	0.0	
6	Extent of cost recovery in solid waste management services	%	#DIV/0!	
7	Efficiency in collection of solid waste management charges	%	#DIV/0!	
8	Efficiency in redressal of customer complaints	%	88.0	

  
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