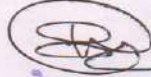


SLB Code Sheet

Indicators	Unit	Result	Reliability
Household level coverage of solid waste management services	%	100.0	
Efficiency of collection of municipal solid waste	%	56.0	
Extent of segregation of municipal solid waste	%	100.0	
Extent of municipal solid waste recovered	%	76.4	
Extent of scientific disposal of municipal solid waste	%	#DIV/0!	
Extent of cost recovery in solid waste management services	%	0.0	
Efficiency in collection of solid waste management charges	%	#DIV/0!	
Efficiency in redressal of customer complaints	%	96.2	



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IV EXTENT OF MUNICIPAL SOLID WASTE RECOVERED				76.45	(MF/IF(KO=0,LO,KO))*100
<i>Quantity of Waste Processing</i>					
LR		Installed Capacity of Composting Plant	MT/month	2250	Input field
44	LS	Waste Quantity Input at the Composting Plant	MT/month	600	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	900	Input field
48	LW	Waste Quantity Input at the Refuse Derived Fuel	MT/month	500	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	3150	LR+LT+LV+LX+LZ
54	MC	Total Waste Quantity Input at all types of processing facilities	MT/month	1100	LS+LU+LW+LY+MA
55	MD	Quantity of waste rejected by processing facilities at intake point	MT/month	175	Input field
56	ME	Quantity of post-processing rejects sent to dumpsite/ landfills	MT/month	950	Input field
57	MF	Total Waste Processed in the ULB	MT/month	925	IF(MC=MB),(MC=LQ-MD),(MB=LQ-MD))
V EXTENT OF SCIENTIFIC DISPOSAL OF MUNICIPAL SOLID WASTE				#DIV/0!	(MG*100)/(MG+MH)
<i>Quantity of Waste Disposal</i>					
58	MG	Quantity of waste disposed in compliant landfill sites	MT/month		Input field
59	MH	Quantity of waste disposed in open dump sites	MT/month		Input field
VI EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS				96.20	(MU*100/MI)
<i>Customer Service</i>					
60	MI	Complaints received during the year	Number	2603	Input field
61	MJ	Complaints resolved within 24 hours during the year	Number	2504	Input field
VII EXTENT OF COST RECOVERY IN SWM SERVICES				-	(NA*100/MR)
<i>Financial Information - Operational Expenditure on SWM during previous year</i>					
62	MK	Regular Staff & Administration	Rs. In Lakhs	531.07	Input field
63	ML	Outsourced/Contracted Staff Costs	Rs. In Lakhs	488.03	Input field
64	MM	Electricity Charges/Fuel Costs	Rs. In Lakhs	117.08	Input field
65	MN	Chemical Costs	Rs. In Lakhs	19.37	Input field
66	MO	Repair/Maintenance Costs	Rs. In Lakhs	44.7	Input field
67	MP	Contracted Services Cost	Rs. In Lakhs	10.65	Input field
68	MQ	Other Costs (Specify)	Rs. In Lakhs	0	Input field
69	MR	Total Operational Expenses	Rs. In Lakhs	1210.9	MK+ML+MM+MN+MO+MP+MQ
<i>Financial Information - Operational Revenues from SWM during previous year</i>					
70	MS	Arrears at the end of previous year	Rs. In Lakhs	0	Input field
71	MT	Tax / Cess - Solid Waste only	Rs. In Lakhs	0	Input field
72	MU	User Charges	Rs. In Lakhs	0	Input field
73	MV	Fixed Charges based on Property Tax/ State Taxes/Cess/Surcharges	Rs. In Lakhs	0	Input field
74	MW	Sale of Recyclables	Rs. In Lakhs	0	Input field
75	MX	Sale from processing - compost/energy	Rs. In Lakhs	0	Input field
76	MY	Royalty	Rs. In Lakhs	0	Input field
77	MZ	Others (Specify)	Rs. In Lakhs	0	Input field
78	NA	Total Revenue Demand Raised for the previous year	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	Rs. In Lakhs	0	NA
80	NB	Collection against arrears	Rs. In Lakhs		Input field
81	NC	Collection against Current Demand	Rs. In Lakhs		Input field
Additional Information (Optional)					
Staff Information					
82	ND	Senior Management-Health Officer (Sanctioned)	Number	1	Input field
83	NE	Senior Management-Health Officer (Working)	Number	1	Input field
84	NF	Sanitary Inspector (Sanctioned)	Number	4	Input field
85	NG	Sanitary Inspector (Working)	Number	2	Input field
86	NH	Sanitary Supervisor (Sanctioned)	Number	14	Input field
87	NI	Sanitary Supervisor (Working)	Number	11	Input field
88	NJ	Maistries/Safai Karam chari (Sanctioned)	Number	690	Input field
89	NK	Maistries/Safai Karam chari (Working)	Number	708	Input field
90	NL	Cleaners/Drivers (Sanctioned)	Number	6	Input field
91	NM	Cleaners/Drivers (Working)	Number	3	Input field
92	NN	Labourers (Sanctioned)	Number	450	Input field
93	NO	Labourers (Working)	Number	448	Input field
94	NP	Others Specify	Number	0	Input field
95	NQ	Total (Sanctioned)	Number	1165	ND+NE+NH+NJ+NL+NN
96	NR	Total (Working)	Number	1173	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	no	Input field
SOLID WASTE MANAGEMENT INDICATORS					

SLB Code Sheet

Nagar palika Parishad Etawah Service Level Benchmarking - Solid Waste Management

Code	Input Nomenclature	Value	Logic/Remark
			65+17 input fields
I HOUSEHOLD LEVEL COVERAGE OF SOLID WASTE MANAGEMENT SERVICES			
		100.00	KE*100/(XE+XT)
	<i>Door to Door Collection - Number of HHs and establishments covered by Door to Door Collection</i>		
1	KA Number of Households covered by Door to Door Collection	Number 45900	Input field
2	KB Number of Hotels and Restaurants covered by Door to Door Collection	Number 0	Input field
3	KC Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	Number 0	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 45900	KA+KB+KC+KD
II EFFICIENCY OF COLLECTION OF MUNICIPAL SOLID WASTE			
		56.02	IF(KO=0,(LO*100/KL),(KO*100/KL))
	<i>Waste Generation</i>		
6	KF Waste Generated by Households	MT/month 1125	Input field
7	KG Waste Generated by Street Sweeping	MT/month 410	Input field
8	KH Waste Generated by Hotels and Restaurants	MT/month 175	Input field
9	KI Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/month 275	Input field
10	KJ Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/month 175	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 2160	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 0	Input field
14	KN Quantity of waste received at disposal sites	MT/month 2160	Input field
15	KO Total waste received at processing/disposal facility and recycled	MT/month 1210	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 2	Input field
21	KU Capacity of each dumper placer	Metric Tons (MT) 1.25	Input field
22	KV Total number of trips made by each dumper placers each day to the disposal site	Trips per day 2	Input field
23	KW Total quantity of waste collected by dumper placers	MT/month 150	KT*KU*KV*30
24	KX Number of mini lorries used for transportation of waste	Number 8	Input field
25	KY Capacity of each mini lorry	Metric Tons (MT) 0.5	Input field
26	KZ Total number of trips made by each mini lorries each day to the disposal site	Trips per day 1	Input field
27	LA Total quantity of waste collected by mini lorries	MT/month 120	KX*KY*KZ*30
28	LB Number of tractor trailers used for transportation of waste	Number 5	Input field
29	LC Capacity of each tractor trailer	Metric Tons (MT) 2.5	Input field
30	LD Total number of trips made by each tractor trailer each day to the disposal site	Trips per day 2	Input field
31	LE Total quantity of waste collected by tractor trailer	MT/month 750	LB*LC*LD*30
32	LF Number of tipper trucks used for transportation of waste	Number 5	Input field
33	LG Capacity of each tipper trucks	Metric Tons (MT) 3.5	Input field
34	LH Total number of trips made by each tipper trucks each day to the disposal site	Trips per day 2	Input field
35	LI Total quantity of waste collected by tipper trucks	MT/month 1050	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 2070	KS+KW+LA+LE+LI+LN
III EXTENT OF SEGREGATION OF MUNICIPAL SOLID WASTE			
		100.00	((LP+LQ)/IF(MH=0,LO,MH))*100
	<i>Segregation of Waste</i>		
41	LP Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/month 2070	Input field
42	LQ Quantity of waste taken away by recyclers from intermediate points	MT/month 0	Input field

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SLB Code Sheet

Additional Information (Optional)				
Staff Information				
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	20 Input field
62	HH	Labourers/Cleaners (Working)	Number	20 Input field
63	HI	Total (Sanctioned)	Number	20
64	HJ	Total (Working)	Number	20
Septage Management				
65	HL	Does the ULB practice septage management	Yes/No	Yes Input field
66	HM	Septage sucking machines available within ULB	Number	2 Input field
67	HN	Private Septage machines licenced by ULB	Number	Input field
Connection Costs for Sewerage Connections				
68	HO	Residential - General	Rs	0 Input field
69	HP	Residential - Urban Poor	Rs	0 Input field
70	HQ	Institutional	Rs	0 Input field
71	HR	Commercial	Rs	0 Input field
72	HS	Industrial	Rs	0 Input field
Sewerage Tariff Structure - Flat Rate Tariff				
73	HT	Residential - General	Rs./Month	0 Input field
74	HU	Residential - Urban Poor	Rs./Month	0 Input field
75	HV	Institutional	Rs./Month	0 Input field
76	HW	Commercial	Rs./Month	0 Input field
77	HX	Industrial	Rs./Month	0 Input field
Sewerage Tariff Structure - Volumetric Tariff				
78	HY	Residential - General	Rs./KL	0 Input field
79	HZ	Residential - Urban Poor	Rs./KL	0 Input field
80	IA	Institutional	Rs./KL	0 Input field
81	IB	Commercial	Rs./KL	0 Input field
82	IC	Industrial	Rs./KL	0 Input field
				0
Storm Water Drainage Data				
I COVERAGE OF STORM WATER DRAINAGE NETWORK			%	1.90 IE*100/ID
83	ID	Total Length of Road Network	Kilometers	119.72 Input field
84	IE	Total Length of Pucca covered drains	Kilometers	2.28 Input field
II INCIDENCE OF WATER LOGGING/FLOODING			Number	2 IF*IG
85	IF	Number of Flood Prone Points in the city	Number	2 Input field
86	IG	Average Frequency of Flooding	Number	1 Input field
SEWERAGE SERVICE INDICATOR VALUES				
S.No.	Indicator	Unit	Value	Reliability
1	Coverage of Toilets	%	97.5	
2	Coverage of wastewater network services	%	0.2	
3	Collection efficiency of wastewater networks	%	56.8	
4	Adequacy of wastewater treatment capacity	%	48.2	
5	Extent of reuse and recycling of treated wastewater	%	0.0	
6	Quality of wastewater treatment	%	88.5	
7	Efficiency in redressal of customer complaints	%	#DIV/0!	
8	Extent of cost recovery in wastewater management	%	34.2	
9	Efficiency in collection of sewerage charges	%	0.0	
STORM WATER DRAINAGE SERVICE INDICATOR VALUES				
S.No.	Indicator	Unit	Value	Reliability
1	Coverage of Storm Water Drainage Network	%	2	
2	Incidence of water logging/flooding	Number	2	

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Service Level Benchmarking - Sewerage and Drainage

S.No	Code	Input Nomenclature		Value	Logic/Remark
					31+26 input fields
	I	COVERAGE OF TOILETS	%	97.5	(FC*100/XM)
		<i>Sanitation Coverage</i>			
1	XM	Total Number of Properties in the City	Number	54123	XM
2	FA	Properties with toilets	Number	43642	Input field
3	FB	Households dependent on functional community toilets	Number	9121	Input field
4	FC	Total Number of Properties with access to toilets	Number	52763	FA+FB
	II	COVERAGE OF SEWAGE NETWORK SERVICES	%	0.2217172	(FD*100/XM)
5	XM	Total Number of Properties in the City	Number	54123	XM
6	FD	Properties with sewer connections	Number	120	Input field
7	FE	Properties with onsite sanitary disposal	Number	42	Input field
	III	COLLECTION EFFICIENCY OF SEWAGE NETWORK	%	56.76630435	(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	22.5	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	0.2	BD
12	FJ	Volume of water consumed (both billed and unbilled) from Public taps	MLD	0	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	0.3	BH
15	FM	Volume of water consumed from any Non ULB water sources	MLD	0	Input field
16	FN	Total Water Consumption (billed and unbilled) from ULB and Non ULB sources)	MLD	23	FF+FG+FH+FI+FJ+FK+FL+FM
17	FO	Volume of waste water generated from Domestic Water Consumption	MLD	18	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	0.16	0.80*FI
21	FS	Volume of waste water generated from Public Tap Water Consumption	MLD	0	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	0.24	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	18.4	FQ+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	10.445	Input field
27	FY	Volume of sewage actually treated at Secondary Treatment Plant	MLD	7	Input field
28	FZ	Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	17.445	FX+FY
	IV	ADEQUACY OF SEWAGE TREATMENT CAPACITY	%	48.21	(GB*100/FW)
29	GA	Installed Capacity of Primary Treatment Plant	MLD	10.445	Input field
30	GB	Installed Capacity of Secondary Treatment Plant	MLD	13.5	Input field
31	GC	Total Installed Capacity (Primary + Secondary Treatment)	MLD	23.945	GA+GB
32	FW	Total Waste Water Generated	MLD	28	FW
	V	EXTENT OF REUSE AND RECYCLING OF SEWAGE	%	0	(GD*100/FY)
33	FY	Volume of sewage actually treated at Secondary Treatment Plant	MLD	7	FY
34	GD	Volume of treated waste water reused after Secondary Treatment	MLD		Input field
	VI	QUALITY OF SEWAGE TREATMENT	%	88.46	(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	26	Input field
36	GF	Number of Treated Effluent Samples Passed in the previous year	Number	23	Input field
	VII	EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS	%	#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	EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT	%	34.2	(GU*100/GP)
		<i>Financial Information - Annual Operating Expenses</i>			
39	GI	Regular Staff and Administration	Rs. Lakhs	2.52	Input field
40	GJ	Outsourced /Contract Staff Costs	Rs. Lakhs	3.60	Input field
41	GK	Electricity Charges /Fuel Costs	Rs. Lakhs	0.55	Input field
42	GL	Chemicals Costs	Rs. Lakhs	0.00	Input field
43	GM	Repairs/Maintenance Costs	Rs. Lakhs	0.35	Input field
44	GN	Contractor Costs for O&M	Rs. Lakhs	0.00	Input field
45	GO	Others (Specify)	Rs. Lakhs	0.00	Input field
46	GP	Total Annual Operating Expenses	Rs. Lakhs	7.02	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	0.00	Input field
48	GR	Revenue demand from user charges - sewerage only	Rs. Lakhs	0.00	Input field
49	GS	Revenue demand from tax/cess - sewerage only	Rs. Lakhs	0.00	Input field
50	GT	Revenue demand from other sources (eg. connection costs/donations etc.)	Rs. Lakhs	2.40	Input field
51	GU	Total Revenue Demand of the previous year (Current Demand of previous year)	Rs. Lakhs	2.40	GR+GS+GT
	IX	EFFICIENCY IN COLLECTION OF SEWAGE CHARGES	%	0.0	(GW*100/GU)
52	GU	Total Revenue Demand of the previous year (Current Demand of previous year)	Rs. Lakhs	2.40	GU
53	GV	Collection against arrears	Rs. Lakhs	0.00	Input field
54	GW	Collection against current demand	Rs. Lakhs	0.00	Input field

Service Level Benchmarking - Water Supply Data


S.No	Code	Input Nomenclature		Value	Logic/Remark
	I	COVERAGE OF WATER SUPPLY CONNECTIONS	%	73.0	63+14 input fields AU*100/XE
		<i>Water Service Coverage - Number of Connections</i>			
1	AA	Domestic Connections (Metered Functional)	Number	0	input field
2	AB	Domestic Connections (Metered Non-Functional)	Number	0	input field
3	AC	Domestic Connections (Unmetered)	Number	32719	input field
4	AD	Domestic connections (Total)	Number	32719	(AA+AB+AC)
5	AE	Bulk supply Apartments (Metered Functional)	Number	0	input field
6	AF	Bulk supply Apartments (Metered Non-Functional)	Number	0	input field
7	AG	Bulk supply Apartments (Unmetered)	Number	0	input field
8	AH	Bulk supply Apartments (Total)	Number	0	(AE+AF+AG)
9	AI	Bulk supply Layouts/Societies (Metered Functional)	Number	0	input field
10	AJ	Bulk supply Layouts/Societies (Metered Non-Functional)	Number	0	input field
11	AK	Bulk supply Layouts/Societies (Unmetered)	Number	0	input field
12	AL	Bulk supply Layouts/Societies (Total)	Number	0	(AI+AJ+AK)
13	AM	Others - Specify (Metered Functional)	Number	0	input field
14	AN	Others - Specify (Metered Non-Functional)	Number	0	input field
15	AO	Others - Specify (Unmetered)	Number	0	input field
16	AP	Others - Specify (Total)	Number	0	(AM+AN+AO)
17	AQ	Total Number of Water Supply Connections	Number	32719	(AD+AH+AL+AP)
		<i>Water Service Coverage - Households Served</i>			
18	AR	Households served by Domestic Connections	Number	32719	input field
19	AS	Households served by Bulk supply - Apartments	Number	0	input field
20	AT	Households served by Bulk supply - Layouts/Societies	Number	0	input field
21	AU	Total Households served with Water Supply	Number	32719	AR+AS+AT
		<i>*Households served by own sources such as wells, handpumps shall not be included</i>			
	II	PER CAPITA SUPPLY OF WATER	LPCD	152.25	(BC+BD+BE+BG+BJ)*10^6/XC
		<i>Water Production Capacity</i>			
22	AV	Installed Capacity of Treatment Plants for Surface Water Sources	MLD		input field
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	40	input field
26	AZ	Volume of water produced through any Other Sources	MLD		input field
27	BA	Total Installed Capacity	MLD	0	AV+AX
28	BB	Total Volume of water produced	MLD	40	AW+AY+AZ
		<i>Water Consumption</i>			
29	BC	Volume of water billed from Domestic Connections	MLD	34	input field
30	BD	Volume of water billed from Bulk supply Apartments	MLD		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	0.2	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	0.3	input field
35	BI	Total Volume of water billed	MLD	34.5	BC+BD+BE+BF+BG+BH
36	BJ	Total Volume of water unbilled (free supplies to Public taps)	MLD	8.5	input field
37	BK	Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	0	input field
	III	EXTENT OF NON REVENUE WATER (NRW)	%	13.75	(BB-BI)*100/BB
38	BB	Total Volume of Water Produced	MLD	40	BB
39	BI	Total Volume of Water Billed	MLD	34.5	BI
	IV	EXTENT OF METERING OF WATER SUPPLY CONNECTIONS	%		(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	619	input field
47	BS	Public Taps (Total)	Number	619	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	33338	AQ+BO+BS
	IV	CONTINUITY OF WATER SUPPLY	Hours per Day	8.00	(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	8	input field

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70	ZQ	Telephone Number	05688-252397	input field
71	ZR	Mobile Number	9897860101	input field
72	ZS	Fax Number	05688-252397	input field
72	ZT	Email ID	nagarpalikaetawah@gmail.com	input field
73	ZU	Website	www.etawahnagar palikaparishad.com	input field



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Nagar Palika Parishad Etawah Service Level Benchmarking - General Information of City				
S.No	Code	Input Nomenclature	Value	70 input fields Logic/Remark
Demographics				
1	XA	Population (Census 2011)	Persons 256790	input field
2	XB	Decadal Growth Rate of the City	% 8.70	input field
3	XC	Population (Present Year)	Persons 279138	function of XA
4	XD	Number of Households (Census 2011)	Number 44601	input field
5	XE	Number of Households (Present Year)	Number 44825	function of XD
6	XF	Family Size (Census 2011)	Persons 6	XA/XD
7	XG	Family Size (Present Year)	Persons 6	XC/XE
8	XH	Number of Slums (2011)	Number 31.0	input field
9	XI	Number of Slums (Present Year)	Number 29.0	input field
10	XJ	Number of Slum Households (2011)	Number 5354.0	input field
11	XK	Number of Slum Households (Present Year)	Number 5354.0	input field
12	XL	Number of Properties (2011)	Number 51538	input field
13	XM	Number of Properties (Present Year)	Number 54123	input field
14	XN	Number of Election Wards (2011)	Number 36	input field
15	XO	Number of Election Wards (Present Year)	Number 40	input field
16	XP	Town/City Area (Census 2011)	sq km 48	input field
17	XQ	Present Town/City Area	sq km 48	input field
18	XR	Population Density (Present Year)	Number 5815.38	XC/XQ
19	XS	Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2011)	Number 889	input field
20	XT	Number of Commercial and other establishments (offices, institutions, markets, Hotels and Restaurants)(Present Year)	Number 1075	input field
Service Provider Details - Water Supply				
21	XU	Name of Town/City	Etawah	input field
22	XV	Name of the Department/Unit	Municipality	input field
23	XW	Name of the Head of Department/Unit	Anil Kumar	input field
24	XX	Designation of the Department Head	E.O	input field
25	XY	Address	NPP Etawah	input field
26	XZ	Telephone Number	05688-252397	input field
27	YA	Mobile Number	9897860101	input field
28	YB	Fax Number	05688-252397	input field
29	YC	Email	nagarpalikaetawah@gmail.com	input field
30	YD	Website	www.etawahnagar palikaparishad.com	input field
31	YE	Name of the Contact Person	Shree Ram Yadav	input field
32	YF	Designation of the contact person	WWE	input field
33	YG	Address	NPP Etawah	input field
34	YH	Telephone Number	05688-252397	input field
35	YI	Mobile Number	9758295299	input field
36	YJ	Fax Number	05688-252397	input field
37	YK	Email	nagarpalikaetawah@gmail.com	input field
38	YL	Website	www.etawahnagar palikaparishad.com	input field
Service Provider Details - Sewerage and Drainage				
39	YM	Name of Town/ City	Etawah	input field
40	YN	Name of the Department/Unit	Municipality	input field
41	YO	Name of the Head of Department/Unit	Anil Kumar	input field
42	YP	Designation of the Department Head	E.O	input field
43	YQ	Address	NPP Etawah	input field
44	YR	Telephone Number	05688-252397	input field
45	YS	Mobile Number	9897860101	input field
46	YT	Fax Number	05688-252397	input field
47	YU	Email	nagarpalikaetawah@gmail.com	input field
48	YV	Website	www.etawahnagar palikaparishad.com	input field
49	YW	Name of the Contact Person	Anil Kumar	input field
50	YX	Designation of the contact person	EO	input field
51	YY	Address	NPP Etawah	input field
52	YZ	Telephone Number	05688-252397	input field
53	ZA	Mobile Number	9897860101	input field
54	ZB	Fax Number	05688-252397	input field
55	ZC	Email ID	nagarpalikaetawah@gmail.com	input field
56	ZD	Website	www.etawahnagar palikaparishad.com	input field
Service Provider Details - Solid Waste Management				
57	ZE	Name of Town/Utility	Etawah	input field
58	ZF	Name of the Head of the Department	Anil Kumar	input field
59	ZG	Designation of the Head of the Department	E.O	input field
60	ZH	Address	NPP Etawah	input field
61	ZI	Telephone Number	05688-252397	input field
62	ZJ	Mobile Number	9897860101	input field
63	ZK	Fax Number	05688-252397	input field
64	ZL	Email ID	nagarpalikaetawah@gmail.com	input field
65	ZM	Website	www.etawahnagar palikaparishad.com	input field
66	ZN	Name of the Contact Person	Anil Kumar	input field
67	ZO	Designation of the Contact Person	EO	input field
68	ZP	Address	NPP Etawah	input field

NPP-2		14th Finance Commission: Declaration of Service Level Standards (FY: 2017-18)																	
Name of the ULB		District	State	Name of the Executive Officer				Postal address with PIN code				Phone & Fax Nos.		Email ID					
Etawah		Etawah	UP	Anil kumar				Nagar Palika Parishad, Etawah				9897860101		nagarpalikaetawah@gmail.com					
Water Supply Indicators																			
Coverage of Water supply		Per capita supply of		Extent of metering of		Extent of non revenue		Continuity of water		Quality of water		Efficiency in redressal		Cost recovery in water		Efficiency in collection of			
100%		135lpcd		100%		20%		24hours		100%		80%		100%		90%			
Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)		
73	77	152.30	152	0	0	13.8	14	8	9	99.5	104	98.6	80	42	44	26.1	27		
Sewage Management (Sewerage and Sanitation)																			
Coverage of toilets		Coverage of sewage		Collection efficiency of		Adequacy of sewage		Quality of sewage		Extent of reuse and		Efficiency in redressal		Extent of cost recovery		Efficiency in collection of			
100%		100%		100%		100%		100%		20%		80%		100%		90%			
Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)		
97.5	102	0.2	0	56.8	60	48.2	51	88.5	93	0	0	0	0	34.2	36	0	0		
Solid Waste Management Indicators																			
Household level		Efficiency of collection		Extent of segregation of		Extent of municipal		Extent of scientific		Efficiency in redressal		Extent of cost recovery		Efficiency in collection of					
100%		100%		100%		80%		100%		80%		100%		90%					
Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)	Current (2017-18)	Target (2018-19)				
100	100	56	62	100	100	76.4	80	0	0	96.2	80	0	0	0	0				
Storm Water Drainage Indicators																			
Coverage of Storm Water Drainage Network										Incidence of water logging/flooding									
100%										0%									
Current (2017-18)					Target (2018-19)					Current (2017-18)					Target (2018-19)				
0					0					0					0				


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