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प्रेषक,

अधिकासी अधिकारी,
नगर पालिका परिषद,
जौनपुर।

सेवा में,

निदेशक,
स्थानीय निकाय निदेशालय,
8वां तल इन्दिरा भवन
लखनऊ।

पत्रांक- 135/सू-लेख

दिनांक- 21-2-17

विषय- 14वें केन्द्रिय वित्त आयोग के अन्तर्गत अनिवार्य सुधार सर्विस लेबिल बेंच मार्किंग के डेटा इन्ट्री के सम्बन्ध में।

महोदय,

कृपया उपरोक्त विषयक आपके पत्र संख्या:-8/210-/एस0 एल0 बी0 /14वें वित्त आयोग /2017 लखनऊ दिनांक:-15 फरवरी 2017 जिसके तहत 14वें केन्द्रिय वित्त आयोग के अन्तर्गत अनिवार्य सुधार नगरीय निकायों द्वारा मुहैया कराये जाने वाले 4 सेवाक्षेत्रों जलापूर्ति, मल-जल व्यवस्था, वर्षा जल की निवासी और ठोस अपशिष्ट पदार्थ के प्रबन्धन सुविधाओं के स्तर के मानकीकरण के सम्बन्ध में सर्विस लेबिल बेंच मार्किंग के डेटा इन्ट्री के सम्बन्ध में साफ्ट व हार्ड कापी में निर्धारित प्रारूप पर सूचना की मांग की गई है, का सन्दर्भ ग्रहण करने की कृपा करें, उक्त के सम्बन्ध में अवगत कराना है कि निर्धारित प्रारूप पर सूचना तैयार कर हार्ड कापी व साफ्ट कापी के साथ आपकी सेवा में प्रेषित किया जा रहा है, कृपया प्राप्ति स्वीकार करने की कृपा करें।

संलग्नक- उपरोक्तानुसार।

सादर

भवदीय

अधिकासी अधिकारी,
नगर पालिका परिषद, जौनपुर।
अधिकासी अधिकारी
नगर पालिका परिषद, जौनपुर

Handwritten signature: *Rew*
Handwritten signature: *Adwedi*
Handwritten signature: *22 (Anoop Dwivedi)*
Printed text: **MIS EXPERT**
Printed text: **Jhban Local Bodies Directorate U.P.**

Service Level Benchmarking under 14th Finance Commission - General Information of City

S.No	Code	Input Nomenclature	Value	70 Input fields Logic/Remark
		Demographics		
		Persons	181009	input field
1	XA	Population (Census 2011)	2.20	input field
2	YB	Decadal Growth Rate of the City	%	function of XA
3	XC	Population (Present Year 2017)	185000	input field
4	XD	Number of Households (Census 2011)	29000	function of XD
5	XE	Number of Households (Present Year)	37322	XA/XD
6	XF	Family Size (Census 2011)	6	XC/XE
7	XG	Family Size (Present Year 2017)	5	input field
8	XH	Number of Slums (2011)	0	input field
9	XI	Number of Slums (Present Year 2017)	0	input field
10	XJ	Number of Slum Households (2011)	0	input field
11	XK	Number of Slum Households (Present Year 2017)	29000	input field
12	XL	Number of Properties (2011)	37322	input field
13	XM	Number of Properties (Present Year 2017)	31	input field
14	XN	Number of Election Wards (2011)	31	input field
15	XO	Number of Election Wards (Present Year 2017)	20.03	input field
16	XP	Town/City Area (Census 2011)	20.03	input field
17	XQ	Present Town/City Area (Present Year 2017)	sq.km	XC/XQ
18	XR	Population Density (Present Year)	Number	9236.15
19	XS	Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2011)	Number	100
20	XT	Number of Commercial and other establishments (offices, institutions, markets, Hotels and Restaurants) (Present Year 2017)	Number	300
		Service Provider Details - Water Supply		
21	XU	Name of Town/City	JAUNPUR	input field
22	XV	Name of the Department/Unit	NPP Jaunpur	input field
23	XW	Name of the Head of Department/Unit	Sri. Sanjay Shukla	input field
24	XX	Designation of the Department Head	Executive Officer	input field
25	XY	Address	NPP Jaunpur	input field
26	XZ	Telephone Number	05452-242755	input field
27	YA	Mobile Number	7376357115	input field
28	YB	Fax Number	05452-242755	input field
29	YC	Email	jaunpurnagarpalika@gmail.com	input field
30	YD	Website	nagarpalikajaunpur	input field
31	YE	Name of the Contact Person	Sri Asvani Kumar bhaskar	input field
32	YF	Designation of the contact person	J.E. Water Works	input field
33	YG	Address	Nagar Palika Jaunpur	input field
34	YH	Telephone Number	05452-242755	input field
35	YI	Mobile Number	7376357115	input field
36	YJ	Fax Number	05452-242755	input field
37	YK	Email	jaunpurnagarpalika@gmail.com	input field
38	YL	Website	nagarpalikajaunpur	input field
		Service Provider Details - Sewerage and Drainage		
39	YM	Name of Town/ City	JAUNPUR	input field
40	YN	Name of the Department/Unit	NPP Jaunpur	input field
41	YO	Name of the Head of Department/Unit	Sri. Sanjay Shukla	input field
42	YP	Designation of the Department Head	Executive Officer	input field
43	YQ	Address	NPP Jaunpur	input field
44	YR	Telephone Number	05452-242755	input field
45	YS	Mobile Number	7376357115	input field
46	YT	Fax Number	05452-242755	input field
47	YU	Email	jaunpurnagarpalika@gmail.com	input field
48	YV	Website	nagarpalikajaunpur	input field
49	YW	Name of the Contact Person	Sri Omkar Patel	input field
50	YX	Designation of the contact person	J.E. Civil	input field
51	YY	Address	Nagar Palika Jaunpur	input field
52	YZ	Telephone Number	05452-242755	input field
53	ZA	Mobile Number	9598526588	input field
54	ZB	Fax Number	05452-242755	input field
55	ZC	Email ID	jaunpurnagarpalika@gmail.com	input field
56	ZD	Website	nagarpalikajaunpur	input field

S.No
 21-02-17
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SLB Code Sheet under 14th EC

Service Provider Details - Solid Waste Management			
ZE	Name of Town/Utility	Nagar Palika Prishad Jaunpur	input field
ZF	Name of the Head of the Department	Sri. Sanjay Shukla	input field
ZG	Designation of the Head of the Department	Executive Officer	input field
ZH	Address	NPP Jaunpur	input field
ZI	Telephone Number	05452-242755	input field
ZJ	Mobile Number	8923381923	input field
ZK	Fax Number	05452-242755	input field
ZL	Email ID	Jaunpurnagarpalika@gmail.com	input field
ZM	Website	Jaunpurnagarpalika	input field
ZN	Name of the Contact Person	Sri. Haris Chand Yadav	input field
ZO	Designation of the Contact Person	S.I.	input field
ZP	Address	Nagar Palika Prishad Jaunpur	input field
ZQ	Telephone Number	05452-242755	input field
ZR	Mobile Number	9125089666	input field
ZS	Fax Number	05452-242755	input field
ZT	Email ID	Jaunpurnagarpalika@gmail.com	input field
ZU	Website	Nagar Palika Prishad Jaunpur	input field

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नगर पालिका परिषद, जौनपुर

Service Level Benchmarking under 14th Finance Commission: Water Supply Data

No	Code	Input Nomenclature	Value	Logic/Remark
I COVERAGE OF WATER SUPPLY CONNECTIONS				
<i>Water Service Coverage - Number of Connections</i>			%	60.37
				$(A1) * 100 / XE$
1	AA	Domestic Connections (Metered Functional)	Number	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	22530
5	AE	Bulk supply Apartments (Metered Functional)	Number	22530
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	0
9	AI	Bulk supply Layouts/Societies (Metered Functional)	Number	0
10	AJ	Bulk supply Layouts/Societies (Metered Non-Functional)	Number	0
11	AK	Bulk supply Layouts/societies (Unmetered)	Number	0
12	AL	Bulk supply Layouts/Societies (Total)	Number	0
13	AM	Others - Specify (Metered Functional)	Number	0
14	AN	Others - Specify (Metered Non-Functional)	Number	0
15	AO	Others - Specify (Unmetered)	Number	0
16	AP	Others - Specify (Total)	Number	0
17	AQ	Total Number of Water Supply Connections	Number	22530
				$(AD+AH+AL+AP)$
<i>Water Service Coverage - Households Served</i>				
18	AR	Households served by Domestic Connections	Number	22530
19	AS	Households served by Bulk supply - Apartments	Number	Input field
20	AT	Households served by Bulk supply - Layouts/Societies	Number	Input field
21	AU	Total Households served with Water Supply	Number	22530
				$AR+AS+AT$
				<i>*Households served by own sources such as wells, handpumps shall not be included</i>
II PER CAPITA SUPPLY OF WATER			LPCD	87.84
				$(BC+BD+BE+BG+BI) * 10^6 / XC$
<i>Water Production Capacity</i>				
22	AV	Installed Capacity of Treatment Plants for Surface Water Sources	MLD	5
23	AW	Volume of water produced through Surface Water Sources	MLD	5.33
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	11
26	AZ	Volume of water produced through any Other Sources	MLD	Input field
27	BA	Total Installed Capacity	MLD	5
28	BB	Total Volume of water produced	MLD	16.33
				$AV+AX$
				$AW+AY+AZ$
<i>Water Consumption</i>				
29	BC	Volume of water billed from Domestic Connections	MLD	15.25
30	BD	Volume of water billed from Bulk supply Apartments	MLD	0
31	BE	Volume of water billed from Bulk supply Layouts/Societies	MLD	0
32	BF	Volume of water billed from Non domestic Connections	MLD	0
33	BG	Volume of water billed from Public taps	MLD	0
34	BH	Volume of water billed from any other sources	MLD	0
35	BI	Total Volume of water billed	MLD	15.25
36	BJ	Total Volume of water unbilled (free supplies to Public taps)	MLD	1
37	BK	Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	Input field
				$BC+BD+BE+BF+BG+BH$
				$Input field$
III EXTENT OF NON REVENUE WATER (NRW)			%	6.61
				$(BB-BI) * 100 / BB$
38	BB	Total Volume of Water Produced	MLD	16.33
39	BI	Total Volume of Water Billed	MLD	15.25
				BB
				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	0
43	BO	Non domestic incl. commercial/Indus/Instl. (Total)	Number	0
44	BP	Public taps (Metered Functional)	Number	0
45	BQ	Public taps (Metered Non-Functional)	Number	170
46	BR	Public taps (Unmetered)	Number	170
47	BS	Public Taps (Total)	Number	0
48	BT	Total number of metered and functional connections (domestic, bulk supply, others)	Number	22700
49	BU	Total number of Water Supply Connections	Number	Input field
				$AA+AE+AH+AM$
				$AQ+BO+BS$
IV CONTINUITY OF WATER SUPPLY			Hours per Day	9.00
				$(BW * BV / 30)$
<i>Water Supply Frequency</i>				
50	BV	Days of supply per month	Number	30
51	BW	Average duration of each supply	Hours	9

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V		EFFECTICIENCY OF REDRESSAL OF COMPLAINTS	%	87.8	(BY*100/BX)
		<i>Consumer Services</i>			
52	BX	Complaints received during the year	Number	696	Input field
53	BY	Complaints resolved within 24 hours during the year	Number	611	Input field
VI		QUALITY OF WATER SUPPLIED	%	93.24	(CQ*100/CP)
		<i>Treated Water Quality Surveillance</i>			
54	CA	Residual Chlorine - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number	395	Input field
55	CB	Residual Chlorine - No. of Samples taken at intermediate points (in a year)	Number	902	Input field
56	CC	Residual Chlorine - No. of Samples taken at consumer end (in a year)	Number	1104	Input field
57	CD	Total Samples taken for Residual Chlorine tests	Number	2401	CA+CB+CC
58	CE	Number of Samples Passed	Number	2234	Input field
59	CF	Physical/Chemical - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number	15	Input field
60	CG	Physical/Chemical - No. of Samples taken at intermediate points (in a year)	Number	9	Input field
61	CH	Physical/Chemical - No. of Samples taken at consumer end (in a year)	Number	11	Input field
62	CI	Total Samples taken for Physical and Chemical tests	Number	35	CF+CG+CH
63	CJ	Number of Samples Passed	Number	35	Input field
64	CK	Bacteriological - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number	15	Input field
65	CL	Bacteriological - No. of Samples taken at intermediate points (in a year)	Number	9	Input field
66	CM	Bacteriological - No. of Samples taken at consumer end (in a year)	Number	11	Input field
67	CN	Total Samples taken for Bacteriological tests	Number	35	CK+CL+CM
68	CO	Number of Samples Passed	Number	35	Input field
69	CP	Total Number of Samples taken for all types of tests	Number	2471	CD+CI+CN
70	CQ	Total Tests Passed	Number	2304	CE+CJ+CO
VII		COST RECOVERY IN WATER SUPPLY SERVICES	%	15.39	(DD*100/CY)
		<i>Financial Information - Operating Expenses</i>			
71	CR	Regular Staff and administration	Rs. Lakhs	271.22	Input field
72	CS	Outsourced/Contract Staff Costs	Rs. Lakhs	31.20	Input field
73	CT	Electricity Charges/Fuel Costs	Rs. Lakhs	687.70	Input field
74	CU	Chemical Costs	Rs. Lakhs	11.80	Input field
75	CV	Repairs/Maintenance Costs	Rs. Lakhs	63.70	Input field
76	CW	Bulk (Raw/Treated) Water Charges	Rs. Lakhs	0.00	Input field
77	CX	Other Costs	Rs. Lakhs	0.00	Input field
78	CY	Total Operating Expenditure	Rs. Lakhs	1065.62	CR+CS+CT+CU+CV+CW+CX
		<i>Financial Information - Operating Revenues</i>			
79	CZ	Arrears at the beginning of previous year	Rs. Lakhs	19.11	Input field
80	DA	Revenue demand from user charges	Rs. Lakhs	83.72	Input field
81	DB	Revenue demand from tax/cess - Water Service only	Rs. Lakhs	80.23	Input field
82	DC	Revenue demand from other revenues (eg. connection costs/Donations etc)	Rs. Lakhs	0.00	Input field
83	DD	Total Revenue Demand for previous year	Rs. Lakhs	163.95	DA+DB+DC
VII		COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES	%	91.29	(DF*100/DD)
84	DD	Total Revenue Demand for previous year (from user charges, taxes etc)	Rs. Lakhs	163.95	DD
85	DE	Collection against arrears	Rs. Lakhs	17.23	Input field
86	DF	Collection against the current demand of previous year	Rs. Lakhs	149.67	Input field
		<i>Additional Information (Optional)</i>			
		<i>Staff Information</i>			
91	EA	Senior Management (Sanctioned)	Number	0	input field
92	EB	Senior Management (Working)	Number	0	input field
93	EC	Engineers (Sanctioned)	Number	2	input field
94	ED	Engineers (Working)	Number	0	input field
95	EE	Clerks/Accountants/Supervisor (Sanctioned)	Number	2	input field
96	EF	Clerks/Accountants/Supervisor (Working)	Number	0	input field
97	EG	Work Inspectors/Meter Readers (Sanctioned)	Number	0	input field
98	EH	Work Inspectors/Meter Readers (Working)	Number	12	input field
99	EI	Electricians/Fitters/Pump Operator (Sanctioned)	Number	12	input field
100	EJ	Electricians/Fitters/Pump Operator (Working)	Number	40	input field
101	EK	Lines men/plumbers (Sanctioned)	Number	40	input field
102	EL	Lines men/plumbers (Working)	Number	20	input field
103	EM	Labourers/Chaukidar (Sanctioned)	Number	20	input field
104	EN	Labourers/Chaukidar (Working)	Number	76	EA+EC+EE+EG+EI+EK+EM
105	EO	Total (Sanctioned)	Number	74	EB+ED+EF+EH+EJ+EL+EN
106	EP	Total (Working)	Number	74	
		WATER SUPPLY INDICATOR VALUES	Unit	Value	Reliability
		Indicator	%	60.37	
1		Coverage of water supply connections	Lpcd	87.8	
2		Per capita available of water at consumer end	%	0.0	
3		Extent of metering of water connections	%	6.6	
4		Extent of Non Revenue Water	Hours/Day	9.0	
5		Continuity of water supply	%	87.8	
6		Efficiency in redressal of customer complaints	%	93.2	
7		Quality of water supplied	%	15.4	
8		Cost recovery in water supply services	%	91.3	
9		Efficiency in collection of water supply related charges	%	91.3	

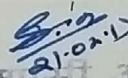
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Service Level Benchmarking under 14th Finance Commission- Sewerage and Drainage

S.No	Code	Input Nomenclature	Value	Logic/Remark
I COVERAGE OF TOILETS				
		<i>Sanitation Coverage</i>	%	31+26 input fields
1	XM	Total Number of Properties in the City	98.8	(FC*100/XM)
2	FA	Properties with toilets	Number	37322 XM
3	FB	Households dependent on functional community toilets	Number	36560 Input field
4	FC	Total Number of Properties with access to toilets	Number	300 Input field
II COVERAGE OF SEWAGE NETWORK SERVICES				
5	XM	Total Number of Properties in the City	%	0 (FD*100/XM)
6	FD	Properties with sewer connections	Number	37322 XM
7	FE	Properties with onsite sanitary disposal	Number	Input field
III COLLECTION EFFICIENCY OF SEWAGE NETWORK				
		<i>Waste Water Production - Volume of Water Consumed and Waste Water Generated</i>	%	0 (FX*100/FW)
8	FF	Volume of water consumed and billed from Domestic Connections	MLD	15.25 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	0.4 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	15.65 FF+FG+FH+FI+FK+FL+FM
17	FO	Volume of waste water generated from Domestic Water Consumption	MLD	12.2 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	0.32 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	12.52 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 ADEQUACY OF SEWAGE TREATMENT CAPACITY				
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	12.52 FW
V EXTENT OF REUSE AND RECYCLING OF SEWAGE				
33	FY	Volume of sewage actually treated at Secondary Treatment Plant	MLD	0 #DIV/0! (GD*100/FY)
34	GD	Volume of treated waste water reused after Secondary Treatment	MLD	Input field
VI QUALITY OF SEWAGE TREATMENT				
		<i>Discharge Compliance after Secondary Treatment of Sewage</i>	%	#DIV/0! (GF*100/GE)
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 EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS				
		<i>Consumer Services</i>	%	#DIV/0! (GH*100/GG)
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				
		<i>Financial Information - Annual Operating Expenses</i>	%	#DIV/0! (GU*100/GP)
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 EFFICIENCY IN COLLECTION OF SEWAGE CHARGES				
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

S.S. (10/2021)
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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	Input field
62	HH	Labourers/Cleaners (Working)	Number	Input field
63	HI	Total (Sanctioned)	Number	0
64	HJ	Total (Working)	Number	0
Septage Management				
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
Connection Costs for Sewerage Connections				
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
Sewerage Tariff Structure - Flat Rate Tariff				
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
Sewerage Tariff Structure - Volumetric Tariff				
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
Storm Water Drainage Data				
COVERAGE OF STORM WATER DRAINAGE NETWORK			%	24.884721
			Kilometers	193.01
83	ID	Total Length of Road Network	Kilometers	48.03
84	IE	Total Length of Pucca covered drains		
			Number	0
				IF*IG
INCIDENCE OF WATER LOGGING/FLOODING				
85	IF	Number of Flood Prone Points in the city	Number	Input field
86	IG	Average Frequency of Flooding	Number	Input field
SEWERAGE SERVICE INDICATOR VALUES				
S.No.	Indicator	Unit	Value	Reliability
1	Coverage of Toilets	%	98.8	
2	Coverage of wastewater network services	%	0.0	
3	Collection efficiency of wastewater networks	%	0.0	
4	Adequacy of wastewater treatment capacity	%	#DIV/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!	
STORM WATER DRAINAGE SERVICE INDICATOR VALUES				
S.No.	Indicator	Unit	Value	Reliability
1	Coverage of Storm Water Drainage Network	%	25	
2	Incidence of water logging/flooding	Number	0	


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Service Level Benchmarking under 14th Finance Commission- Solid Waste Management

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>				
1	KA	Number of Households covered by Door to Door Collection		KE*100/(XE+XT)
2	KB	Number of Hotels and Restaurants covered by Door to Door Collection	Number	Input field
3	KC	Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	Number	Input field
4	KD	Number of any other establishments (incl. markets) covered by Door to Door Collection	Number	Input field
5	KE	Total Number of Households and Establishments covered by Door to Door Collection	Number	0 KA+KB+KC+KD
II EFFICIENCY OF COLLECTION OF MUNICIPAL SOLID WASTE				
<i>Waste Generation</i>			97.38	IF(KO=0,(LO*100/KL),(KO*100/KL))
6	KF	Waste Generated by Households		
7	KG	Waste Generated by Street Sweeping	MT/month 1000	Input field
8	KH	Waste Generated by Hotels and Restaurants	MT/month 700	Input field
9	KI	Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/month 250	Input field
10	KJ	Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/month 100	Input field
11	KK	Waste Generated by other sources (eg. debris, horticulture waste etc)	MT/month 77	Input field
12	KL	Total Waste Generated	MT/month 2176	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 2119	Input field
15	KO	Total waste received at processing/disposal facility and recycled	MT/month 2119	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 2.7	Input field
17	KQ	Capacity of each lorries/trucks	Metric Tons (MT) 2.4	Input field
18	KR	Total number of trips made by each lorries/trucks each day to the disposal site	Trips per day 2.9	Input field
19	KS	Total quantity of waste collected by mini lorries/trucks	MT/month 563.76	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) 0	Input field
22	KV	Total number of trips made by each dumper placers each day to the disposal site	Trips per day 0	Input field
23	KW	Total quantity of waste collected by dumper placers	MT/month 0	KT*KU*KV*30
24	KX	Number of mini lorries used for transportation of waste	Number 2.99	Input field
25	KY	Capacity of each mini lorry	Metric Tons (MT) 1.6	Input field
26	KZ	Total number of trips made by each mini lorries each day to the disposal site	Trips per day 4.1	Input field
27	LA	Total quantity of waste collected by mini lorries	MT/month 588.432	KX*KY*KZ*30
28	LB	Number of tractor trailers used for transportation of waste	Number 8.2	Input field
29	LC	Capacity of each tractor trailer	Metric Tons (MT) 0.8	Input field
30	LD	Total number of trips made by each tractor trailer each day to the disposal site	Trips per day 3.9	Input field
31	LE	Total quantity of waste collected by tractor trailer	MT/month 767.52	LB*LC*LD*30
32	LF	Number of tipper trucks used for transportation of waste	Number 2	Input field
33	LG	Capacity of each tipper trucks	Metric Tons (MT) 4.5	Input field
34	LH	Total number of trips made by each tipper trucks each day to the disposal site	Trips per day 3	Input field
35	LI	Total quantity of waste collected by tipper trucks	MT/month 81	LF*LG*LH*30
36	LJ	Number of 3 wheeler auto tippers used for transportation of waste	Number 4	Input field
37	LK	Capacity of each 3 wheeler auto tipper	Metric Tons (MT) 0.1	Input field
38	LM	Total number of trips made by each 3 wheeler auto tippers each day to the disposal site	Trips per day 10	Input field
39	LN	Total quantity of waste collected by 3 wheeler auto tippers	MT/month 120	LJ*LK*LM*30
40	LO	Total quantity of waste collected and transported to disposal site	MT/month 2120.712	KS+KW+LA+LE+LI+LN
				((LP+LQ)/IF(MH=0,LO,MH))*100
III EXTENT OF SEGREGATION OF MUNICIPAL SOLID WASTE				
<i>Segregation of Waste</i>				
41	LP	Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/month	Input field
42	LQ	Quantity of waste taken away by recyclers from intermediate points	MT/month	Input field
				(MF)/IF(KO=0,LO,KO))*100
IV EXTENT OF MUNICIPAL SOLID WASTE RECOVERED				
<i>Quantity of Waste Processing</i>				
43	LR	Installed Capacity of Composting Plant	MT/month	Input field
44	LS	Waste Quantity Input at the Composting Plant	MT/month	Input field
45	LT	Installed Capacity of Vermi-composting Plant	MT/month	Input field
46	LU	Waste Quantity Input at the Vermi-composting Plant	MT/month	Input field
47	LV	Installed Capacity of Refuse Derived Fuel	MT/month	Input field
48	LW	Waste Quantity Input at the Refuse Derived Fuel	MT/month	Input field
49	LX	Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	MT/month	Input field
50	LY	Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	MT/month	Input field
51	LZ	Installed Capacity of any other processing facilities	MT/month	Input field
52	MA	Waste Quantity Input at other processing facilities	MT/month	Input field
53	MB	Total Installed Capacity of Processing facilities	MT/month 0	LR+LT+LV+LX+LZ
54	MC	Total Waste Quantity Input at all types of processing facilities	MT/month 0	LS+LU+LW+LY+MA
55	MD	Quantity of waste rejected by processing facilities at intake point	MT/month	Input field
56	ME	Quantity of post-processing rejects sent to dumpsite/ landfills	MT/month	Input field
57	MF	Total Waste Processed in the ULB	MT/month 0	IF(MC<MB,(MC+LQ-MD),(MB+LQ-MD))
				(MG*100)/(MG+MH)
V EXTENT OF SCIENTIFIC DISPOSAL OF MUNICIPAL SOLID WASTE				
<i>Quantity of Waste Disposal</i>				
58	MG	Quantity of waste disposed in compliant landfill sites	MT/month 0	Input field
59	MH	Quantity of waste disposed in open dump sites	MT/month 2119	Input field
			100.00	(MJ*100/MI)
VI EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS				
<i>Customer Service</i>				
60	MI	Complaints received during the year	Number 100	Input field
61	MJ	Complaints resolved within 24 hours during the year	Number 100	Input field

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VII EXTENT OF COST RECOVERY IN SWM SERVICES				
<i>Financial Information - Operational Expenditure on SWM during previous year</i>				
	MK	Regular Staff & Administration		(WC*100/WR)
	ML	Outsourced/Contracted Staff Costs	Rs. In Lakhs	Input field
64	MM	Electricity Charges/Fuel Costs	Rs. In Lakhs	1571.00 Input field
65	MN	Chemical Costs	Rs. In Lakhs	127.00 Input field
66	MO	Repair/Maintenance Costs	Rs. In Lakhs	52.00 Input field
67	MP	Contracted Services Cost	Rs. In Lakhs	13.00 Input field
68	MQ	Other Costs (Specify)	Rs. In Lakhs	12.99 Input field
69	MR	Total Operational Expenses	Rs. In Lakhs	Input field
			Rs. In Lakhs	1935.99 WC+ML+MN+MO+MP+MQ
<i>Financial Information - Operational Revenues from SWM during previous year</i>				
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 WC+MT+MU+MV+MW+MY+MZ
VIII EFFICIENCY IN COLLECTION OF SWM CHARGES				
79	NA	Total Revenue Demand Raised for the previous year	#DIV/0!	(WC*100/NA)
80	NB	Collection against arrears	Rs. In Lakhs	0 NA
81	NC	Collection against Current Demand	Rs. In Lakhs	Input field
			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	0 Input field
84	NF	Sanitary Inspector (Sanctioned)	Number	3 Input field
85	NG	Sanitary Inspector (Working)	Number	1 Input field
86	NH	Sanitary Supervisor (Sanctioned)	Number	29 Input field
87	NI	Sanitary Supervisor (Working)	Number	29 Input field
88	NU	Maistries/Safai Karam chari (Sanctioned)	Number	352 Input field
89	NK	Maistries/Safai Karam chari (Working)	Number	223 Input field
90	NL	Cleaners/Drivers (Sanctioned)	Number	7 Input field
91	NM	Cleaners/Drivers (Working)	Number	6 Input field
92	NN	Labourers (Sanctioned)	Number	96 Input field
93	NO	Labourers (Working)	Number	75 Input field
94	NP	Others Specify	Number	0 Input field
95	NQ	Total (Sanctioned)	Number	478 ND+NF+NH+NI+NL+NN
96	NR	Total (Working)	Number	325 NE+NG+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	YES Input field
100	NV	Is weighbridge available at dumpsite?	Yes/No	NO Input field
SOLID WASTE MANAGEMENT INDICATORS				
		<i>Indicators</i>	<i>Unit</i>	<i>Result</i>
1		Household level coverage of solid waste management services	%	0.0
2		Efficiency of collection of municipal solid waste	%	97.4
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	%	0.0
7		Efficiency in collection of solid waste management charges	%	#DIV/0!
8		Efficiency in redressal of customer complaints	%	100.0

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