

नगर विकास विभाग उ०प्र० शासन फोन-2233214  
नगर पालिका परिषद खेकड़ा (बागपत)

पत्रांक- 1879 /न.पा.परि.ख./2018-19

दिनांक- 24-09-2018

सेवा में,  
निदेशक  
स्थानीय निकाय, उ०प्र०  
8वाँ तल, इन्दिरा भवन,  
लखनऊ।

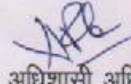
विषय:- 14वें वित्त आयोग के अन्तर्गत वित्तीय वर्ष 2018-19 हेतु एस०एल०बी० की सूचना उपलब्ध कराये जाने विषयक।

महोदय,


उपरोक्त विषयक आपके कार्यालय के पत्र सं०-8/740/एस०एल०बी०/14वें वित्त आयोग/2018 लखनऊ दिनांक 20 सितम्बर, 2018 के सन्दर्भ में 14वें वित्त आयोग के अन्तर्गत वित्तीय वर्ष 2018-19 हेतु एस०एल०बी० की सूचना उपलब्ध कराये जाने हेतु निर्देशित किया गया है।

अतः आप द्वारा चाही गयी सूचना तैयार कर आपकी सेवा में सादर प्रेषित है।

संलग्न:- प्रारूप।

  
अधिसासी अधिकारी  
नगर पालिका परिषद खेकड़ा  
जनपद-बागपत।

प्रतिलिपि:- प्रभारी अधिकारी (स्था०नि०) कलेक्ट्रेट बागपत के पत्र सं०-560/एल०बी०सी०-2018 दिनांक 22-09-2018 के क्रम में सादर सूचनार्थ प्रेषित।

  
अधिसासी अधिकारी  
नगर पालिका परिषद खेकड़ा  
जनपद-बागपत।

Recd  
Hq  
27-09-18

O/C

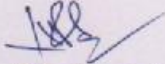
## NAGAR PALIKA PARISHAD KHEKRA DISTT - BAGHPAT

## Service Level Benchmarking - General Information of City for

## Notification

S.No	Code	Input Nomenclature	Value	70 Input fields
				Logic/Remark
<b>Demographics</b>				
1	KA	Population (Census 2011)	Persons 48753.00	Input field
2	KB	Decadal Growth Rate of the City	% 17.27	Input field
3	XC	Population (Present Year)	Persons 65780.0000	Function of XA
4	XD	Number of Households (Census 2011)	Number 8417.0000	Input field
5	XE	Number of Households (Present Year)	Number 8650.0000	Function of XD
6	XF	Family Size (Census 2011)	Persons 5.7922	XA/XD
7	XG	Family Size (Present Year)	Persons 7.6046	XC/XE
8	XH	Number of Slums (2011)	Number 4.000	Input field
9	XI	Number of Slums (Present Year)	Number 0.000	Input field
10	XJ	Number of Slum Households (2011)	Number 4.000	Input field
11	XK	Number of Slum Households (Present Year)	Number 0.000	Input field
12	XL	Number of Properties (2011)	Number 9962.000	Input field
13	KM	Number of Properties (Present Year)	Number 10562.000	Input field
14	XN	Number of Election Wards (2011)	Number 19.000	Input field
15	XO	Number of Election Wards (Present Year)	Number 25.000	Input field
16	XP	Town/City Area (Census 2011)	sq.km 16.000	Input field
17	XQ	Present Town/City Area	sq.km 16.000	Input field
18	XR	Population Density (Present Year)	Number 4111.250	XC/XQ
19	XS	Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2011)	Number 1908.000	Input field
20	XT	Number of Commercial and other establishments (offices, institutions, markets, Hotels and Restaurants) (Present Year)	Number 2368.000	Input field
<b>Service Provider Details - Water Supply</b>				
21	XU	Name of Town/City	NPP Khekara	Input field
22	XV	Name of the Department/Unit		Input field
23	XW	Name of the Head of Department/Unit	Niharika Chauhan	Input field
24	XX	Designation of the Department Head	EO	Input field
25	XY	Address	NPP Khekara	Input field
26	XZ	Telephone Number		Input field
27	YA	Mobile Number	8510898380	Input field
28	YB	Fax Number		Input field
29	YC	Email	npk330@gmail.com	Input field
30	YD	Website	WWW.NPPKHEKRA.COM	Input field
31	YE	Name of the Contact Person	Neeraj Sharma	Input field
32	YF	Designation of the contact person	Clark	Input field
33	YG	Address	NPP Khekara	Input field
34	YH	Telephone Number		Input field
35	YI	Mobile Number	9410078106	Input field
36	YJ	Fax Number		Input field
37	YK	Email	npk330@gmail.com	Input field
38	YL	Website	WWW.NPPKHEKRA.COM	Input field
<b>Service Provider Details - Sewerage and Drainage</b>				
39	YM	Name of Town/ City	NPP Khekara	Input field
40	YN	Name of the Department/Unit		Input field
41	YO	Name of the Head of Department/Unit	Niharika Chauhan	Input field
42	YP	Designation of the Department Head	EO	Input field
43	YQ	Address	NPP Khekara	Input field
44	YR	Telephone Number		Input field
45	YS	Mobile Number	8510898380	Input field
46	YT	Fax Number		Input field
47	YU	Email	npk330@gmail.com	Input field
48	YV	Website	WWW.NPPKHEKRA.COM	Input field
49	YW	Name of the Contact Person	Neeraj Sharma	Input field
50	YX	Designation of the contact person	Clark	Input field
51	YY	Address	NPP Khekara	Input field
52	YZ	Telephone Number		Input field
53	ZA	Mobile Number	9410078106	Input field
54	ZB	Fax Number		Input field
55	ZC	Email ID	npk0633@gmail.com	Input field
56	ZD	Website	WWW.NPPKHEKRA.COM	Input field
<b>Service Provider Details - Solid Waste Management</b>				
57	ZE	Name of Town/Utility	NPP Khekara	Input field
58	ZF	Name of the Head of the Department		Input field
59	ZG	Designation of the Head of the Department	Niharika Chauhan	Input field
60	ZH	Address	EO	Input field
61	ZI	Telephone Number	NPP Khekara	Input field

62	ZI	Mobile Number		8510868380	input field
63	ZK	Fax Number			input field
64	ZL	Email ID		npk330@gmail.com	input field
65	ZM	Website		npk330@gmail.com	input field
66	ZN	Name of the Contact Person		Amrith Kumar	input field
67	ZO	Designation of the Contact Person		Safai Nayak	input field
68	ZP	Address		NPP Khekara	input field
69	ZQ	Telephone Number			input field
70	ZR	Mobile Number		9358009756	input field
71	ZS	Fax Number			input field
72	ZT	Email ID			input field
73	ZU	Website		WWW.NPPKHEKRA.COM	input field

  
 अधिशासी अधिकारी  
 नगरपालिका परिषद खेकडा  
 खानपद-बागपत

5LB Code Sheet  
Service Level Benchmarking - Water Supply Data

S.No	Code	Input Nomenclature	Value	Logic/Remark
	I	COVERAGE OF WATER SUPPLY CONNECTIONS	%	63-14 input fields
		<i>Water Service Coverage - Number of Connections</i>	80.8	AI*100/XE
1	AA	Domestic Connections (Metered Functional)	Number	0
2	AB	Domestic Connections (Metered Non-Functional)	Number	0
3	AC	Domestic Connections (Unmetered)	Number	6990
4	AD	Domestic connections (Total)	Number	6990
5	AE	Bulk supply Apartments (Metered Functional)	Number	0
6	AF	Bulk supply Apartments (Metered Non-Functional)	Number	0
7	AG	Bulk supply Apartments (Unmetered)	Number	0
8	AH	Bulk supply Apartments (Total)	Number	0
9	AJ	Bulk supply Layouts/Societies (Metered Functional)	Number	0
10	AI	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	6990
		<i>Water Service Coverage - Households Served</i>		
18	AR	Households served by Domestic Connections	Number	6990
19	AS	Households served by Bulk supply - Apartments	Number	0
20	AT	Households served by Bulk supply - Layouts/Societies	Number	0
21	AU	Total Households served with Water Supply	Number	6990
		<i>*Households served by own sources such as wells, handpumps shall not be included</i>		
	II	PER CAPITA SUPPLY OF WATER	LPCD	134.54
		<i>Water Production Capacity</i>		
22	AV	Installed Capacity of Treatment Plants for Surface Water Sources	MLD	0
23	AW	Volume of water produced through Surface Water Sources	MLD	0
24	AX	Installed Capacity of Treatment Plants for Ground Water Sources	MLD	0
25	AY	Volume of water produced through Ground water (power pumps)	MLD	11
26	AZ	Volume of water produced through any Other Sources	MLD	0
27	BA	Total Installed Capacity	MLD	0
28	BB	Total Volume of water produced	MLD	11
		<i>Water Consumption</i>		
29	BC	Volume of water billed from Domestic Connections	MLD	8.00
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	1
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	9.00
36	BJ	Total Volume of water unbilled (free supplies to Public taps)	MLD	0.85
37	BK	Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	0
	III	EXTENT OF NON REVENUE WATER (NRW)	%	18.18
38	BB	Total Volume of Water Produced	MLD	11
39	BI	Total Volume of Water Billed	MLD	9.00
	IV	EXTENT OF METERING OF WATER SUPPLY CONNECTIONS	%	(BL + BP + BT)*100/TU
40	BL	Non domestic incl. commercial/Indus/Instl. (Metered Functional)	Number	0
41	BM	Non domestic incl. commercial/Indus/Instl. (Metered Non-Functional)	Number	0
42	BN	Non domestic incl. commercial/Indus/Instl. (Unmetered)	Number	22
43	BO	Non domestic incl. commercial/Indus/Instl. (Total)	Number	22
44	BP	Public taps (Metered Functional)	Number	0
45	BQ	Public taps (Metered Non-Functional)	Number	0
46	BR	Public taps (Unmetered)	Number	18
47	BS	Public Taps (Total)	Number	18
48	BT	Total number of metered and functional connections (domestic, bulk supply, others)	Number	0
49	TU	Total number of Water Supply Connections	Number	7030
	IV	CONTINUITY OF WATER SUPPLY	Hours per Day	10.00
		<i>Water Supply Frequency</i>		
50	BV	Days of supply per month	Number	30
51	BW	Average duration of each supply	Hours	10

SLB Code Sheet

V		EFFICIENCY OF REDRESSAL OF COMPLAINTS	%	98.0	(BY*100/BK)
<i>Consumer Services</i>					
52	BX	Complaints received during the year	Number	99	Input field
53	BY	Complaints resolved within 24 hours during the year	Number	97	Input field
<b>VI</b>					
		QUALITY OF WATER SUPPLIED		99.09	(CQ*100/CP)
<i>Treated Water Quality Surveillance</i>					
Residual Chlorine - No. of Samples taken at the outlet of Water Treatment Plant (in a year)					
54	CA		Number	0	Input field
55	CB	Residual Chlorine - No. of Samples taken at intermediate points (in a year)	Number	110	Input field
56	CC	Residual Chlorine - No. of Samples taken at consumer end (in a year)	Number	0	Input field
57	CD	Total Samples taken for Residual Chlorine tests	Number	110	CA+CB+CC
58	CE	Number of Samples Passed	Number	109	Input field
59	CF	Physical-Chemical - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number	0	Input field
60	CG	Physical-Chemical - No. of Samples taken at intermediate points (in a year)	Number	0	Input field
61	CH	Physical-Chemical - No. of Samples taken at consumer end (in a year)	Number	0	Input field
62	CI	Total Samples taken for Physical and Chemical tests	Number	0	CF+CG+CH
63	CJ	Number of Samples Passed	Number	0	Input field
64	CK	Bacteriological - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number	0	Input field
65	CL	Bacteriological - No. of Samples taken at intermediate points (in a year)	Number	0	Input field
66	CM	Bacteriological - No. of Samples taken at consumer end (in a year)	Number	0	Input field
67	CN	Total Samples taken for Bacteriological tests	Number	0	CK+CL+CM
68	CO	Number of Samples Passed	Number	0	Input field
69	CP	Total Number of Samples taken for all types of tests	Number	110	CD+CI+CN
70	CQ	Total Tests Passed	Number	109	CE+CJ+CO
<b>VII</b>					
		COST RECOVERY IN WATER SUPPLY SERVICES	%	14.19	(DD*100/CY)
<i>Financial Information - Operating Expenses</i>					
71	CR	Regular Staff and administration	Rs. Lakhs	4.10	Input field
72	CS	Outsourced/Contract Staff Costs	Rs. Lakhs	24.70	Input field
73	CT	Electricity Charges/Fuel Costs	Rs. Lakhs	0.00	Input field
74	CU	Chemical Costs	Rs. Lakhs	7.85	Input field
75	CV	Repairs/Maintenance Costs	Rs. Lakhs	111.08	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	147.73	CR+CS+CT+CU+CV+CW+CX
<i>Financial Information - Operating Revenues</i>					
79	CZ	Arrears at the beginning of previous year	Rs. Lakhs	0.00	Input field
80	DA	Revenue demand from user charges	Rs. Lakhs	0.00	Input field
81	DB	Revenue demand from tax/cess - Water Service only	Rs. Lakhs	20.97	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	20.97	DA+DB+DC
<b>VIII</b>					
		COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES	%	16.02	(DF*100/DD)
84	DD	Total Revenue Demand for previous year (from user charges, taxes etc)	Rs. Lakhs	20.97	DD
85	DE	Collection against arrears	Rs. Lakhs	0.00	Input field
86	DF	Collection against the current demand of previous year	Rs. Lakhs	3.36	Input field
<b>Additional Information (Optional)</b>					
<b>Staff Information</b>					
91	EA	Senior Management (Sanctioned)	Number		Input field
92	EB	Senior Management (Working)	Number		Input field
93	EC	Engineers (Sanctioned)	Number		Input field
94	ED	Engineers (Working)	Number		Input field
95	EE	Clerks/Accountants (Sanctioned)	Number	1	Input field
96	EF	Clerks/Accountants (Working)	Number	1	Input field
97	EG	Work Inspectors/Meter Readers (Sanctioned)	Number	0	Input field
98	EH	Work Inspectors/Meter Readers (Working)	Number	0	Input field
99	EI	Electricians/Fitters (Sanctioned)	Number	0	Input field
100	EJ	Electricians/Fitters (Working)	Number	0	Input field
101	EK	Lines men/plumbers (Sanctioned)	Number	0	Input field
102	EL	Lines men/plumbers (Working)	Number	0	Input field
103	EM	Labourers (Sanctioned)	Number	0	Input field
104	EN	Labourers (Working) on outsourcing	Number	23	Input field
105	EO	Total (Sanctioned)	Number	1	EA+EC+EE+EG+EH+EK+EM
106	EP	Total (Working)	Number	23	EB+ED+EF+EH+EJ+EL+EN
<b>WATER SUPPLY INDICATOR VALUES</b>					
		Indicator	Unit	Value	Reliability
1		Coverage of water supply connections	%	80.8	
2		Per capita available of water at consumer end	Lpcd	134.5	
3		Extent of metering of water connections	%	0.0	
4		Extent of Non Revenue Water	%	18.2	
5		Continuity of water supply	Hours/Day	10.0	
6		Efficiency in redressal of customer complaints	%	98.0	
7		Quality of water supplied	%	99.1	
8		Cost recovery in water supply services	%	14.2	
9		Efficiency in collection of water supply related charges	%	16.0	

*[Handwritten Signature]*  
**अधिसूची अधिकारी**  
**नगरपालिका परिषद कैलाश**  
**काठमाडौं-सुदूरपश्चिम**

## Service Level Benchmarking - Sewerage and Drainage

S.No	Code	Input Nomenclature		Value	Logic/Remark
	I	COVERAGE OF TOILETS	%	89.8	33+26 input fields (FC*100/XM)
		<i>Sanitation Coverage</i>			
1	XM	Total Number of Properties in the City	Number	10562	XM
2	FA	Properties with toilets	Number	9480	Input field
3	FB	Households dependent on functional community toilets	Number	0	Input field
4	FC	Total Number of Properties with access to toilets	Number	9480	FA+FB
	II	COVERAGE OF SEWAGE NETWORK SERVICES	%	0	(FD*100/XM)
5	XM	Total Number of Properties in the City	Number	10562	XM
6	FD	Properties with sewer connections	Number	0	Input field
7	FE	Properties with onsite sanitary disposal	Number	0	Input field
	III	COLLECTION EFFICIENCY OF SEWAGE NETWORK	%	0	(FX*100/TW)
		<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	8.00	BC
9	FG	Volume of water consumed and billed from Bulk supply - Apartments	MLD	0.00	BE
10	FH	Volume of water consumed and billed from Bulk supply - Layouts/Societies	MLD	0.00	BF
11	FI	Volume of water consumed and billed from Non domestic Connections	MLD	1.00	BD
12	FJ	Volume of water consumed (both billed and unbilled) from Public taps	MLD	0.85	BG+BJ
13	FK	Volume of water from free supplies (other connections)	MLD	0.00	BK
14	FL	Volume of water consumed and billed from any other U/LB sources	MLD	0.00	BH
15	FM	Volume of water consumed from any Non U/LB water sources	MLD	1.00	Input field
16	FN	Total Water Consumption (billed and unbilled) from U/LB and Non U/LB sources)	MLD	10.85	FF+FG+FH+FI+FJ+FK+FL+FM
17	FD	Volume of waste water generated from Domestic Water Consumption	MLD	6.40	0.80*FF
18	FP	Volume of waste water generated from Bulk Supply - Apartments	MLD	0.00	0.80*FG
19	FQ	Volume of waste water generated from Bulk Supply - Layouts/Societies	MLD	0.00	0.80*FH
20	FR	Volume of waste water generated from Non Domestic Water Consumption	MLD	0.80	0.80*FI
21	FS	Volume of waste water generated from Public Tap Water Consumption	MLD	0.68	0.80*FJ
22	FT	Volume of waste water generated from free supplies (other connections)	MLD	0.00	0.80*FK
23	FU	Volume of waste water generated from other U/LB source water consumption	MLD	0.00	0.80*FL
24	FV	Volume of waste water generated from Non U/LB source Water consumption	MLD	0.80	0.80*FM
25	FW	Total Waste Water Generated	MLD	8.68	FD+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	0.00	Input field
27	FY	Volume of sewage actually treated at Secondary Treatment Plant	MLD	0.00	Input field
28	FZ	Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	0.00	FX+FY
	IV	ADEQUACY OF SEWAGE TREATMENT CAPACITY	%	0.00	(GB*100/FW)
29	GA	Installed Capacity of Primary Treatment Plant	MLD	0.00	Input field
30	GB	Installed Capacity of Secondary Treatment Plant	MLD	0.00	Input field
31	GC	Total Installed Capacity (Primary + Secondary Treatment)	MLD	0.00	GA+GB
32	FW	Total Waste Water Generated	MLD	8.68	FW
	V	EXTENT OF REUSE AND RECYCLING OF SEWAGE	%	#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	0	Input field
	VI	QUALITY OF SEWAGE TREATMENT	%	#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	0.00	Input field
36	GF	Number of Treated Effluent Samples Passed in the previous year	Number	0.00	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	0.00	Input field
38	GH	Sewage related Complaints resolved within 24 hours during the year	Number	0.00	Input field
	VIII	EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT	%	0.0	(GU*100/GP)
		<i>Financial Information - Annual Operating Expenses</i>			
39	GI	Regular Staff and Administration	Rx. Lakhs	0.00	Input field
40	GJ	Outsourced /Contract Staff Costs	Rx. Lakhs	0.00	Input field
41	GK	Electricity Charges /Fuel Costs	Rx. Lakhs	0.00	Input field
42	GL	Chemicals Costs	Rx. Lakhs	0.00	Input field
43	GM	Repairs/Maintenance Costs	Rx. Lakhs	0.00	Input field
44	GN	Contractor Costs for O&M	Rx. Lakhs	0.00	Input field
45	GO	Others (Specify)	Rx. Lakhs	48.36	Input field
46	GP	Total Annual Operating Expenses	Rx. Lakhs	48.36	GI+GJ+GK+GL+GM+GN+GO
		<i>Financial Information - Annual Operating Revenues</i>			
47	GQ	Arrears at the beginning of previous year	Rx. Lakhs	0.00	Input field
48	GR	Revenue demand from user charges - sewerage only	Rx. Lakhs	0.00	Input field
49	GS	Revenue demand from tax/cess - sewerage only	Rx. Lakhs	0.00	Input field
50	GT	Revenue demand from other sources (eg. connection costs/donations etc.)	Rx. Lakhs	0.00	Input field
51	GU	Total Revenue Demand of the previous year (Current Demand of previous year)	Rx. Lakhs	0.00	GR+GS+GT
	IX	EFFICIENCY IN COLLECTION OF SEWAGE CHARGES	#DIV/0!		(GW*100/GU)
52	GU	Total Revenue Demand of the previous year (Current Demand of previous year)	Rx. Lakhs	0.00	GU
53	GV	Collection against arrears	Rx. Lakhs	0.00	Input field
54	GW	Collection against current demand	Rx. Lakhs	0.00	Input field

## SLB Code Sheet

Additional Information (Optional)					
<b>Staff Information</b>					
55	HA	Senior Management (Sanctioned)	Number	0 Input field	
56	HB	Senior Management (Working)	Number	0 Input field	
57	HC	Engineers (Sanctioned)	Number	0 Input field	
58	HD	Engineers (Working)	Number	0 Input field	
59	HE	Clerks/Accountants (Sanctioned)	Number	0 Input field	
60	HF	Clerks/Accountants (Working)	Number	0 Input field	
61	HG	Labourers/Cleaners (Sanctioned)	Number	0 Input field	
62	HH	Labourers/Cleaners (Working)	Number	0 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	yes Input field	
66	HM	Septage sucking machines available within ULB	Number	1 Input field	
67	HN	Private Septage machines licensed by ULB	Number	0 Input field	
<b>Connection Costs for Sewerage Connections</b>					
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	
<b>Sewerage Tariff Structure - Flat Rate Tariff</b>					
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	
<b>Sewerage Tariff Structure - Volumetric Tariff</b>					
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	
<b>Storm Water Drainage Data</b>					
I COVERAGE OF STORM WATER DRAINAGE NETWORK			%	95.59 IE*100/10	
83	ID	Total Length of Road Network	Kilometers	68.00 Input field	
84	IE	Total Length of Pucca covered drains	Kilometers	65.00 Input field	
II INCIDENCE OF WATER LOGGING/FLOODING			Number	0.00 IF*IG	
85	IF	Number of Flood Prone Points in the city	Number	0.00 Input field	
86	IG	Average Frequency of Flooding	Number	0.00 Input field	
<b>SEWERAGE SERVICE INDICATOR VALUES</b>					
S.No.	Indicator		Unit	Value	Reliability
1	Coverage of Toilets		%	89.76	
2	Coverage of wastewater network services		%	0.00	
3	Collection efficiency of wastewater networks		%	0.00	
4	Adequacy of wastewater treatment capacity		%	0.00	
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		%	0.00	
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		%	96	
2	Incidence of water logging/flooding		Number	0	

  
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 जनपद-बागपत

## Service Level Benchmarking - Solid Waste Management

S.No	Code	Input Nomenclature	Value	Logic/Remark
				65+17 input fields
	I	HOUSEHOLD LEVEL COVERAGE OF SOLID WASTE MANAGEMENT SERVICES	65.39	$KE * 100 / (XE + XT)$
		<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	6980	Input field
2	KB	Number of Hotels and Restaurants covered by Door to Door Collection	0	Input field
		Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	225	Input field
3	KC			
4	KD	Number of any other establishments (incl. markets) covered by Door to Door Collection	0	Input field
5	KE	Total Number of Households and Establishments covered by Door to Door Collection	7205	$KA + KB + KC + KD$
	II	EFFICIENCY OF COLLECTION OF MUNICIPAL SOLID WASTE	99.60	$IF(KO=0, (LO * 100 / KL), (KO * 100 / KI))$
		<i>Waste Generation</i>		
6	KF	Waste Generated by Households	359.80	Input field
7	KG	Waste Generated by Street Sweeping	104.66	Input field
8	KH	Waste Generated by Hotels and Restaurants	12.28	Input field
9	KI	Waste Generated by Markets (Vegetable Markets, Mandis etc)	20.25	Input field
10	KJ	Waste Generated by Commercial Establishments (eg. Institutions, etc)	0.00	Input field
11	KK	Waste Generated by other sources (eg. debris, horticulture waste etc)	0.00	Input field
12	KL	Total Waste Generated	496.99	$KF + KG + KH + KI + KJ + KK$
		<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	0	Input field
14	KN	Quantity of waste received at disposal sites	0	Input field
15	KO	Total waste received at processing/disposal facility and recycled	0	$KM + KN + LQ + ME$
		<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	0	Input field
17	KQ	Capacity of each lorries/trucks	0	Input field
18	KR	Total number of trips made by each lorries/trucks each day to the disposal site	0	Input field
19	KS	Total quantity of waste collected by mini lorries/trucks	0	$KP * KQ * KR * 30$
20	KT	Number of dumper placers used for transportation of waste	0	Input field
21	KU	Capacity of each dumper placer	0	Input field
22	KV	Total number of trips made by each dumper placers each day to the disposal site	0	Input field
23	KW	Total quantity of waste collected by dumper placers	0	$KT * KU * KV * 30$
24	KX	Number of mini lorries used for transportation of waste	0	Input field
25	KY	Capacity of each mini lorry	0	Input field
26	KZ	Total number of trips made by each mini lorries each day to the disposal site	0	Input field
27	LA	Total quantity of waste collected by mini lorries	0	$KX * KY * KZ * 30$
28	LB	Number of tractor trailers used for transportation of waste	5	Input field
29	LC	Capacity of each tractor trailer	1.65	Input field
30	LD	Total number of trips made by each tractor trailer each day to the disposal site	2	Input field
31	LE	Total quantity of waste collected by tractor trailer	495	$LB * LC * LD * 30$
32	LF	Number of tipper trucks used for transportation of waste	0	Input field
33	LG	Capacity of each tipper trucks	0	Input field
34	LH	Total number of trips made by each tipper trucks each day to the disposal site	0	Input field
35	LI	Total quantity of waste collected by tipper trucks	0	$LF * LG * LH * 30$
36	LJ	Number of 3 wheeler auto tippers used for transportation of waste	0	Input field
37	LK	Capacity of each 3 wheeler auto tipper	0	Input field
38	LM	Total number of trips made by each 3 wheeler auto tippers each day to the disposal site	0	Input field
39	LN	Total quantity of waste collected by 3 wheeler auto tippers	0	$LJ * LK * LM * 30$
40	LO	Total quantity of waste collected and transported to disposal site	495	$KS + KW + LA + LE + LI + LN$
	III	EXTENT OF SEGREGATION OF MUNICIPAL SOLID WASTE	-	$((LP + LQ) / (MH = 0, (LO, MH))) * 100$
		<i>Segregation of Waste</i>		
41	LP	Quantity of waste arriving at Processing/ Disposal facility in segregated manner	0	Input field
42	LQ	Quantity of waste taken away by recyclers from intermediate points	0	Input field
	IV	EXTENT OF MUNICIPAL SOLID WASTE RECOVERED	-	$(MF / (KO = 0, (LO, KO))) * 100$
		<i>Quantity of Waste Processing</i>		
43	LR	Installed Capacity of Composting Plant	0	Input field
44	LS	Waste Quantity Input at the Composting Plant	0	Input field
45	LT	Installed Capacity of Vermi-composting Plant	0	Input field
46	LU	Waste Quantity Input at the Vermi-composting Plant	0	Input field
47	LV	Installed Capacity of Refuse Derived Fuel	0	Input field
48	LW	Waste Quantity Input at the Refuse Derived Fuel	0	Input field
49	LX	Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	0	Input field
50	LY	Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	0	Input field
51	LZ	Installed Capacity of any other processing facilities	0	Input field
52	MA	Waste Quantity Input at other processing facilities	0	Input field
53	MB	Total Installed Capacity of Processing facilities	0	$LR + LV + LX + LZ$
54	MC	Total Waste Quantity Input at all types of processing facilities	0	$LS + LU + LW + LY + MA$
55	MD	Quantity of waste rejected by processing facilities at intake point	0	Input field
56	ME	Quantity of post-processing rejects sent to dumpsites/ landfills	0	Input field
57	MF	Total Waste Processed in the ULB	0	$IF(MC = MB, (MC + LQ - MD), (MB + LQ - MD))$



SLB Code Sheet

	V	EXTENT OF SCIENTIFIC DISPOSAL OF MUNICIPAL SOLID WASTE					
		<i>Quantity of Waste Disposal</i>				(MG*100)/(MG+MH)	
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	496.99	Input field		
	VI	EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS				100.00	(MU*100/MI)
		<i>Customer Service</i>					
60	MI	Complaints received during the year	Number	29	Input field		
61	MU	Complaints resolved within 24 hours during the year	Number	29	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	182.26	Input field		
63	ML	Outsourced/Contracted Staff Costs	Rs. In Lakhs	90.01	Input field		
64	MM	Electricity Charges/Fuel Costs	Rs. In Lakhs	1.8	Input field		
65	MN	Chemical Costs	Rs. In Lakhs	1.85	Input field		
66	MO	Repair/Maintenance Costs	Rs. In Lakhs	12.25	Input field		
67	MP	Contracted Services Cost	Rs. In Lakhs	0	Input field		
68	MQ	Other Costs (Specify)	Rs. In Lakhs	15.26	Input field		
69	MR	Total Operational Expenses	Rs. In Lakhs	303.43			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 / Cms - 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/Cms/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	0	Input field		
81	NC	Collection against Current Demand	Rs. In Lakhs	0	Input field		
		<i>Additional Information (Optional)</i>					
		<b>Staff Information</b>					
82	ND	Senior Management-Health Officer (Sanctioned)	Number	0	Input field		
83	NE	Senior Management-Health Officer (Working)	Number	0	Input field		
84	NF	Sanitary Inspector (Sanctioned)	Number	0	Input field		
85	NG	Sanitary Inspector (Working)	Number	0	Input field		
86	NH	Sanitary Supervisor (Sanctioned)	Number	1	Input field		
87	NI	Sanitary Supervisor (Working)	Number	1	Input field		
88	NJ	Maistries/Safai Karam chari (Sanctioned)	Number	28	Input field		
89	NK	Maistries/Safai Karam chari (Working)	Number	28	Input field		
90	NL	Cleaners/Drivers (Sanctioned)	Number	0	Input field		
91	NM	Cleaners/Drivers (Working)	Number	0	Input field		
92	NN	Labourers (Sanctioned)	Number		Input field		
93	NO	Labourers (Working)	Number		Input field		
94	NP	Others Specify (18 contract+ 100 outsource)	Number	118	Input field		
95	NQ	Total (Sanctioned)	Number	29			ND+NF+NI+NJ+NL+NN
96	NR	Total (Working)	Number	147			NE+NG+NH+NK+NM+NO+NP
97	NS	Are daily records of waste received at compliant landfill maintained (MSW 2000)	Yes/No	YES	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		
		<b>SOLID WASTE MANAGEMENT INDICATORS</b>					
		<i>Indicators</i>					
1		Household level coverage of solid waste management services	Unit	Result	Reliability		
2		Efficiency of collection of municipal solid waste	%	65.4			
3		Extent of segregation of municipal solid waste	%	99.6			
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	%	0.0			
8		Efficiency in redressal of customer complaints	%	#DIV/0!			
				100.0			

  
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