	Benchmarks		Constant of the Post	Storm Water Drainage Indicators			Benchmarks			Solid Waste Management Indicators			Benchmarks				Sewage Mana			Benchmarks		*		Water Supply Indicators	Hapur	Name of the ULB	NPP-61	
				Drainage l						Managemen	90.1	(2017-18)			00.00	Covera	gement (Ser	38.1	(2017-18)	Current		Conn	Coverage of	Indicators	н	D		
				Indicators						t Indicators	95		Target (2018-19)	100%	9	Coverage of toilets	Sewage Management (Sewerage and Sanitation)	40	Targer (2010-10)	7018 10)	100%	Connections	Coverage of Water supply		Hapur	District		
	1				100	(2017-18)	Current	10	Household level cov of solid waste management serv		2.3	12017-101	Current	100%	network service	Coverage of sewage	nitation)	101.1	(2017-18)	Current	135lpcd		Per capita supply of water		UP	te		
Cutton	Chinen				100	(2018-19)	Target	Yeur	Household level coverage of solid waste management services		-	12010101	Target	0%	SCIVICE	of sewage		106	(2018-19)		ocd		ply of water		Mr. J.N Anano	Name of the		
for any	Current (2017-18)		Coverage		100	18)	Current (2017-	10	Efficiency of municipal			0	Current (2017-	Collection efficie sewage net 100%		Collection efficiency of the sewage network		0	18)	Current (2017-	100%		Extent of metering of water connection	1	ind	Name of the Executive Office.	14m Fina	A ALL Ding
		100%	Coverage of Storm Water Drainage Network		100	(2018-19)		100%	Efficiency of collection of municipal solid waste			0	7- Target (2018-19)	0%		iciency of the		0	(2010-17)		%		etering of mection			Name of the last	14th Fillance Commission: Postal address with PIN code Phone & Fax	Tan Com
		%	let Dramage r	Daine		(201-/-10)	Current	10	Extent of segregation of municipal solid waste			0	(2017-18)	100%		Adequacy of sewage treatment capacity			901	(2017-18)	20%		Extent of non revenue water			7	d	niccion:
-	Target (ACTANOTA.	Jahuark		0	Target	100%	gregation of solid waste			0	(2018-19)	1%		of sewage capacity			-	(2018-19)			1 revenue			agar Palika	ostal addre	TIP IKIJA
19	Target (2018-19)					0	Current (2017-18)	80%	Extent of municipal solid waste recovered			0	(2017-18)	0,001	1000	Quality of sewage treatment				(2017-18)	C T T	7Ahou	Continuity of water supply			Nagar Palika Parishad, Hapur	Postal address with PIN code	III OL DELY
						0	Target (7018-19)	%	recovered			0	(2018-19)	1		ent			17	2018-19)	T	-	water			pur	code .	THE TYPE
						0	Current (2017-18)	100%	disposal of n	Extent of so		0	-18)	Current	20%	recycling of treated	Extent of reuse and		100	(2017-18)	-	100%	supplied	Omelituraf				Thurston
	Curront	Current				0	Target (2018-19)	%	of municipal id waste	of scientific		6	2018-19)	Target			use and		100	(2018-19)	Target					00	P	1000
0	Inc. inch	Current (2017-18)		lno		96.1	(2017-18)	07.00	of customer complaints	7		90.4	(2017-18)	Current	80%	of customer complaints	Efficiency in redressal		100	(2017-18)	Current	80%	of customer complaints	Efficiency in redressal		8954068787	Phone & Fax Nos.	
				idence of w		80	(2018-19)	7/0	complaints	androcen!		00	(2018-19)	Target	6	complaints	redressal		80	(2018-19)	Target	01					K Nos.	
	1		0%	Incidence of water logging/flooding		0	(2017-18)	Current	in SWM	Extent of cost recovery			(2017-18)	Current	100%	in sewage management	Extent of cost recovery		28.9	8	Current	100%	supply service	Cost recovery in water				
		Targe		flooding		0	(2018-19)	Target	in SWM services	st recovery			(2018-19)	Target	19%	anagement	st recovery		30	(2018-19)	Target	%	ervice	y in water		IDDI FAAAA SHIRING	Email ID	-
	0	Target (2018-19)				0	18)	Current (2017-	SWM	Efficiency in			86.2	Current (2017-	91	sewage	Efficiency in collection of		07.1	18)	Current (2017-	90%	water supply charges	Efficiency in collection of		- Control of the Cont	amail com	
								7- Target	SWM charges	Efficiency in collection of			(2018-19)		90%	sewage charges	collection of		24	(2018-19)		%	ly charges	collection of				

0	ode					70 input fields
-	ode	D	Input Nomenclature		Value	Logic/Remark
H	200	_	ographics			
-	XA	_	lation (Census 2011)	Persons	262983	input field
_	XB		dal Growth Rate of the City	%	24.96	input field
_	XC	-	lation (Present Year)	Persons	289000	function of XA
	XD	-	ber of Households (Census 2011)	Number	44742	Input field
	XE	Numl	ber of Households (Present Year)	Number	45139	function of XD
	XF	Famil	ly Size (Census 2011)	Persons	5.88	. XA/XD
	XG	Famil	ly Size (Present Year)	Persons	6.4	XC/XE
	XH	Numb	ber of Slums (2011)	Number	64804.0	input field
	XI	Numb	ber of Slums (Present Year)	Number	63511.0	input field
	XJ	Numb	ber of Slum Households (2011)	Number	9965.0	input field
	XK	Numb	ber of Slum Households (Present Year)	Number	9715.0	input field
	XL	Numb	ber of Properties (2011)	Number	44808	input field
	XM	Numb	ber of Properties (Present Year)	Number	56204	
	-	COVERNO	ber of Election Wards (2011)			input field
-		-	ber of Election Wards (Present Year)	Number	36	input field
_			/City Area (Census 2011)	Number	41	input field
_				sq.km	14.2	input field
_			nt Town/City Area	sq.km	24:2	input field
	XR.	Popul	lation Density (Present Year)	Number	20352.11	XC/XQ
			THE RESERVE OF THE PARTY OF THE	THE R. P. LEWIS CO., LANSING		
					-	The state of the s
ı	20	XT	Quebra process Vores	1 -	types.	
F		-	Restaurants (Present Year)	Number	5072	input field
4	1		Service Provider Details - Water Supply	{		
L	21	XU	Name of Town/City		Hapur	input field
L	22	XV	Name of the Department/Unit		Local body	input field
Ĺ	23	XW	Name of the Head of Department/Unit		J.K.Anand.	input field
	24	XX	Designation of the Department Head		E.O.	input field
	25	XY	Address		N.P.P. Hapur	input field
r	26	XZ	Telephone Number		The second secon	
H	27	YA	Mobile Number		0122-2313752	input field
H	200	PRIVATE TO	Fax Number		8954068787	input field
H	28	YB			0122-2312449	Input field
H	29	YC	Email		npph2009@gmail.com	input field
L	30	YD	Website		nagarpalikahapur.org	input field
	31	YE	Name of the Contact Person	+	Ash kumar	input field
	32	YF	Designation of the contact person		J.E.(Jal)	Input field
Г	33	YG	Address		N.P.P. Hapur	input field
П	34	YH	Telephone Number		0122-2313752	input field
Г	35	YI	Mobile Number		9458278836	input field
Г	36	YJ	Fax Number		0122-2312449	
H	37	YK	Email			input field
H	38	YL	Website		npph2009@gmail.com	input field
_	20	.T.L.	Troute		nagarpalikahapur.org	input field
	-		In the second se	r		
L			Service Provider Details - Sewerage and Drainage			
L	39	YM	Name of Town/ City		Hapur	input-field
L	40	YN	Name of the Department/Unit		Local body	input field
	41	YO	Name of the Head of Department/Unit		J.K.Anand.	input field
	42	YP	Designation of the Department Head		E.O.	input field
	43	YQ	Address		N.P.P. Hapur	input field
	44	YR	Telephone Number		0122-2313752	
	45	YS	Mobile Number		8954068787	input field
-	46	YT	Fax Number			input field
-	47	YU	Email	-	0122-2312449	input field
-					npph2009@gmail.com	input field
_	48	YV	Website		nagarpalikahapur.org	input field
-		YW	Name of the Contact Person		Ash kumar	input field
_	50	YX	Designation of the contact person		J.E.(Jal)	Input field
_	51	YY	Address		N.P.P. Hapur	input field
_	52	YZ	Telephone Number		0122-2313752	input field
	53	ZA	Mobile Number		9458278836	input field
	54	ZB	Fax Number		0122-2312449	input field
	55	ZC	Email ID		npph2009@gmail.com	input field
_	56		Website			T 112000
					nagarpalikahapur.org	input field
			Service Provider Details - Solid Waste Management			
			Service Provider Details - Solid Waste Management			
		ZE	Name of Town/Utility		Hapur	input field
	57	ZF	Name of the Head of the Department		Local body	input field
	58				J.K.Anand.	input field
	58 59	ZG	Designation of the Head of the Department		2.15.75110110.	
	58		Designation of the Head of the Department Address		E.O.	
	58 59	ZG			E.O.	input field
	58 59 60	ZG ZH	Address			

64	ZL	Email ID	npph2009@gmail.com	input field
65	ZM	Website	nagarpalikahapur.org	input field
66	ZN	Name of the Contact Person	R.K.Yadav.	input field
67	ZO	Designation of the Contact Person	C.S.F.I.	input field
68	ZP	Address	N.P.P. Hapur	input field
69	ZQ	Telephone Number	0122-2313752	input field
70	ZR	Mobile Number	9411469440	input field
71	ZS	Fax Number	0122-2313752	input field
72	ZT	Email ID	npph2009@gmail.com	input field
73	ZU	Website	nagarpalikahapur.org	input field

Hapur Service Level Benchmarking under 14th Finance commission -Water supply Data

	Code	Input Nomenclature		Value	Logic/Remark
		COVERAGE OF WATER SUPPLY CONNECTIONS			63+14 input fields
3		Water Service Coverage - Number of Connections	°,	38.2	ALM:100/XF
	AA	Domestic Connections (Metered Functional)	N		
- 2		Domestic Connections (Metered Non-Functional)	Number	0	Input field
- 5	AC	Domestic Connections (Unmetered)	Number	0	Input field
4	AD	Domestic connections (Total)	Number	17244	Input field
5	AE	Bulk supply Apartments (Metered Functional)	Number	17244	(AA+AB+AC)
E	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	Input field
9	Al	Bulk supply Layouts/Societies (Metered Functional)	Number	0	(AE+AF+AG)
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	Input field
13	AM	Others - Specify (Metered Funtional)	Number	0	(AI+AJ+AK)
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	Input field
17	AQ	Total Number of Water Supply Connections	Number	0	(AM+AN+AO)
		The supply Connections	Number	17244	(AD+AH+AL+AP)
		Water Service Coverage - Households Served			
18	AR	Households served by Domestic Connections			
19	AS	Households served by Bulk supply - Apartments	Number	17244	Input field
20	AT	Households served by Bulk supply - Apartments Households served by Bulk supply - Layouts/Societies	Number	0	Input field
21	AU	Total Households served with Water Supply	Number	0	Input field
		*Households served by own sources such as wells, handpumps shall not be included	Number	17244	AR+AS+AT
113	1	PER CAPITA SUPPLY OF WATER			
		Water Production Capacity	LPCD	103111	(BC+BD+BE+BG+BJ)*Ion
22	AV	Installed Consider ST.			
23	AW	Installed Capacity of Treatment Plants for Surface Water Sources	MLD	0	Input field
24	AX	Volume of water produced through Surface Water Sources	MLD	0	Input field
25	AY	Installed Capacity of Treatment Plants for Ground Water Sources	MLD	0	Input field
26	AZ	Volume of water produced through Ground water (power pumps)	MLD	34.65	Input field
27	BA	Volume of water produced through any Other Sources	MLD	0	Input field
28	BB	Total Installed Capacity	MLD	0	AV+AX
20	DD	Total Volume of water produced	MLD	34.65	AW+AY+AZ
		Water			AWTAITAL
29	DC	Water Consumption			
30	BC	Volume of water billed from Domestic Connections	MLD	27.85	Januar C. III
31	BD	Volume of water billed from Bulk supply Apartments	MLD	0	Input field
-	BE	Volume of water billed from Bulk supply Layouts/Societies	MLD	0	Input field
32	BF	Volume of water billed from Non domestic Connections	MLD	0	Input field
33	BG	Volume of water billed from Public taps	MLD	0	Input field
34	BH	Volume of water billed from any other sources	MLD	0	Input field
35	BI	Total Volume of water billed	MLD	27.85	Input field
3,6	BJ	Total Voume of water unbilled (free supplies to Public taps)	MLD	1.95	BC+BD+BE+BF+BG+BH
37	BK	Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	1.5	Input field
			WILL	1.5	Input field
20	111	EXTENT OF NON REVENUE WATER (NRW)	%	19.62	
38		Total Volume of Water Produced	MLD	34.65	(68-81)*100/88
39	BI	Total Volume of Water Billed	MLD	11 11 11 11 11	88
			WILD	27.85	BI
	IV	EXTENT OF METERING OF WATER SUPPLY CONNECTIONS	%		
10	BL I	Non domestic incl. commercial/Indus/Instl. (Metered Europianal)			(BL+BP/BT)*100/BU
1	RM I	Non domestic incl. commercial/Indus/Instl. (Metered Non Europiesel)	Number	0	Input field
12	BIN I	Non domestic incl. commercial/Indus/Instl. (Unmetered)	Number	0	Input field
3	BO I	Non domestic incl. commercial/Indus/Instl. (Total)	Number	0	Input field
4	BP I	Public taps (Metered Functional)	Number	0	BL+BM+BN
5	BQ I	Public taps (Metered Non-Functional)	Number	0	Input field
6	BR F	Public taps (Unmetered)	Number	0	Input field
7	BS P	Public Taps (Total)	Number	50	Input field
8	BT T	Total number of metered and functional connections (domestic, bulk supply, others)	Number	50	BP+BQ+BR
	BU T	fotal number of Water Supply Connections (domestic, bulk supply, others)	Number	0	AA+AE+AI+AM
9	-	the dupply connections	Number	17294	AQ+BO+BS
9		ONTINUITY OF WATER SUPPLY			
9	IV c	CIVITNOTES OF WATER SUPPLY			
9	IV. G	Vater Supply Framency	Hours per Day	16.00	(RW/BV/50)
	H	Vater Supply Frequency	Hours per Day	18:00	(RW*BV50)
0	BV D	Vater Supply Frequency Days of supply per month Everage duration of each supply	Hours per Day Number	30	(RW-BV/30)

	V	EFFECIENCY OF REDRESSAL OF COMPLAINTS Consumer Services	%	98.5	(BY*100/BX)
52	BX	Complaints received during the year	Number	658	Input field
53	BY	Complaints received during the year Complaints resolved within 24 hours during the year	Number	648	Input field
		Companies society within a record during the year	1.100000		THE STORES
	V	QUALITY OF WATER SUPPLIED		100,00	(CO 100/CP)
		Treated Water Quality Surveilance			
		Residual Chlorine - No. of Samples taken at the outlet of Water Treatment Plant (in a			
54	CA	year)	Number	0	Input field
55	CB	Residual Chlorine - No. of Samples taken at intermediate points (in a year)	Number	215	Input field
56	CC	Residual Chlorine - No. of Samples taken at consumer end (in a year)	Number	580	Input field
57	CD	Total Samples taken for Residual Chlorine tests	Number	835	CA+CB+CC
58	CE	Number of Samples Passed	Number	835	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	17	Input field
61	CH	Physical/Chemical - No. of Samples taken at consumer end (in a year)	Number	17	Input field
62 63	CI	Total Samples taken for Physical and Chemical tests Number of Samples Passed	Number	32	CF+CG+CH
64	CK		Number	32	Input field
65		Bacteriological - No. of Samples taken at the outlet of Water Treatment Plant (in a year)	Number	0	Input field
66	CL	Bacteriological - No. of Samples taken at intermediate points (in a year)	Number	0	Input field
67	CN	Bacteriological - No. of Samples taken at consumer end (in a year)	Number	0	Input field
68	CO	Total Samples taken for Bacteriological tests	Number	0	CK+CL+CM
69	CP	Number of Samples Passed Total Number of Samples taken for all types of tests	Number	0 0 0 0 0 0	Input field
70	CQ	Total Tests Passed	Number Number	865 865	CD+CI+CN CE+CI+CO
, 0	CU	TOWN TOWN HONCE	rumber	865	CE+CJ+CO
	VII	COST RECOVERY IN WATER SUPPLY SERVICES	% -	28.86	- (DD*100/CY)
		Financial Information - Operating Expenses	7	20,013	The market
71	CR	Regular Staff and administration	Rs. Lakhs	73.05	Input field
72	CS	Outsourced/Contract Staff Costs	Rs. Lakhs	84.00	Input field
73	CT	Electricity Charges/Fuel Costs	Rs. Lakhs	394.33	Input field
74	CU	Chemical Costs	Rs. Lakhs	17.25	Input field
75	CV	Repairs/Maintenance Costs	Rs. Lakhs	64.25	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	632.88	CR+CS+CT+CU+CV+CW+CX
		Financial Information - Operating Revenues			
79	CZ	Arrears at the beginning of previous year.	Rs. Lakhs	7.32	Input field
80	DA	Revenue demand from user charges	Rs. Lakhs	80.50	Input field
81	DB	Revenue demand from tax/cess - Water Service only	Rs. Lakhs	101.04	Input field
82	DC	Revenue demand from other revenues (eg. connection costs/Donations etc)	Rs. Lakhs	1.09	Input field
83	DD	Total Revenue Demand for previous year	Rs. Lakhs	182.63	DA+DB+DC
	VII	COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES	%	87.08	(DF*100/DD)
84	DD	Total Revenue Demand for previous year (from user charges, taxes etc)	Rs. Lakhs	182.63	DD
85	DE	Collection against arrears	Rs. Lakhs	7.32	Input field
86	DF	Collection against the current demand of previous year	Rs. Lakhs	159.04	Input field
_					
-		Additional Information (Optional)			
04		Staff Information			
91	EA	Senior Management (Sanctioned)	Number	1	input field
92	EB	Senior Management (Working)	Number	1	Input field
93	EC	Engineers (Sanctioned)	Number	1	input field
94	ED EE	Engineers (Working) Clerks/Accountants (Sanctioned)	Number	1	input field
95 96	EF	Clerks/Accountants (Sanctioned) Clerks/Accountants (Working)	Number	2	input field
97	EG	Work Inspectors/Meter Readers (Sanctioned)	Number	2 4	input field
98	EH	Work Inspectors/Meter Readers (Sanctioned) Work Inspectors/Meter Readers (Working)	Number	0	Input field
99	EI	Electricians/Fitters (Sanctioned)	Number	- 3	input field input field
100	EJ	Electricians/Fitters (Working)	Number	0	input field
101	EK	Lines men/plumbers (Sanctioned)	Number	0	input field
02	EL	Lines men/plumbers (Working)	Number	0	input field
03	EM	Labourers (Sanctioned)	Number	6	input field
04	EN	Labourers (Working)	Number	4	input field
.05	EO	Total (Sanctioned)	Number	17	EA+EC+EE+EG+EI+EK+EM
06	EP	Total (Working)	Number	8	EB+ED+EF+EH+EJ+EL+EN
				0	LOTED TELTET ELTEN
		WATER SUPPLY INDICATOR VALUES			
		Indicator	Unit	Value	Reliability
ĺ		Coverage of water supply connections	%	38.2	isomorally
2		Per capita available of water at consumer end	Lpcd	103.1	
3		Extent of metering of water connections	%	0.0	
		Extent of Non Revenue Water	%	19.6	
_		Continuity of water supply			
1			Hours/Day	16.0	
1		Efficiency in redressal of customer complaints	0/		
1		Efficiency in redressal of customer complaints Ouality of water supplied	%	98.5	
5		Efficiency in redressal of customer complaints Quality of water supplied Cost recovery in water supply services	% % %	98.5 100.0 28.9	

		Hapur Service Level Benchmarking under 14th Finance commission - Sewerage and Dra	inage Data		V V
.No	Code	Input Nomenclature		Value	Logic/Remark
					31+26 input fields
	- 1	COVERAGE OF TOILETS	%	90.1	(FC*100/XM)
-	VAA	Sanitation Coverage	Nonebox	55204	VA A
2	XM FA	Total Number of Properties in the City Properties with toilets	Number Number	56204	Input field
3		Households dependent on functional community toilets	Number	The second secon	Input field
4		Total Number of Properties with access to toilets	Number	50612	
	11.	COVERAGE OF SEWAGE NETWORK SERVICES	%	2.87	
5	-	Total Number of Properties in the City	Number	56204	
6	FD	Properties with sewer connections	Number		Input field
7	FE	Properties with onsite sanitary disposal	Number	0	Input field
	ill	COLLECTION EFFICIENCY OF SEWAGE NETWORK	%	0	(FX*100/FW)
		Waste Water Production - Volume of Water Consumed and Waste Water Generated			
8		Volume of water consumed and billed from Domestic Connections	MLD	27.85	
9		Volume of water consumed and billed from Bulk supply - Apartments	MLD		BE
10	FH	Volume of water consumed and billed from Bulk supply - Layouts/Societies	MLD		BF
11	FI	Volume of water consumed and billed from Non domestic Connections	MLD		BD
12	FJ	Volume of water consumed (both billed and unbilled) from Public taps	MLD		BG+BJ
13	FK	Volume of water from free supplies (other connections)	MLD		ВК
14	FL FM	Volume of water consumed and billed from any other ULB sources Volume of water consumed from any Non ULB water sources	MLD		BH Cold
16	FN	Total Water Consumption (billed and unbilled) from ULB and Non ULB sources)	MLD MLD	31.3	Input field FF+FG+FH+FI+FJ+FK+FL+F
17	FO	Volume of waste water generated from Domestic Water Consumption	MLD		0.80*FF
18	FP	Volume of waste water generated from Bulk Supply - Apartments	MLD	- CONTRACTOR	0.80*FG
19	FQ	Volume of waste water generated from Bulk Supply - Apartments Volume of waste water generated from Bulk Supply - Layouts/Societies	MLD		0.80*FH
20	FR	Volume of waste water generated from Non Domestic Water Consumption	MLD		0.80*FI
21	FS	Volume of waste water generated from Public Tap Water Consumption	MLD		0.80*FJ
22	FT	Volume of waste water generated from free supplies (other connections)	MLD		0.80*FK
23	FU	Volume of waste water generated from other ULB source water consumption	MLD		0.80*FL
24	FV	Volume of waste water generated from Non ULB source Water consumption	MLD		0.80*FM
25	FW	Total Waste Water Generated	MLD	25.04	FO+FP+FQ+FR+FS+FT+FU+
		Waste Water Collection and Treatment			
26	FX	Volume of sewage actually treated at the Primary Treatment Plant	MLD	0	Input field
27	FY	Volume of sewage actually treated at Secondary Treatment Plant	MLD	0	Input field
28	FZ	Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	0	FX+FY
				2	
	IV	ADEQUACY OF SEWAGE TREATMENT CAPACITY	%	0	
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		GA+GB
32	FW	Total Waste Water Generated	MLD	25.04	FW
	W	EVITENT OF DELICE AND DECAYOLING OF COWACE	0/	upus/ol	Compared to the Compared to th
33	FY	EXTENT OF REUSE AND RECYCLING OF SEWAGE	%	#DIV/01	
34	GD	Volume of sewage actually treated at Secondary Treatment Plant Volume of treated waste water reused after Secondary Treatment	MLD MLD		FY Court field
34	GU	Volume of freated waste water fedsed after secondary freatment	MLD	U	Input field
	VI	QUALITY OF SEWAGE TREATMENT	%	#DIV/01	(GF*100/GE)
		Discharge Compliance after Secondary Treatment of Sewage	70	#010/01	(GF 100/GE)
35	GE	Number of Treated Effluent Samples Tested in the previous year	Number	0	Input field
36	GF	Number of Treated Effluent Samples Passed in the previous year	Number		Input field
		The same personal for	10.11001		
	VII	EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS	%	98.43	(GH*100/GG)
		Consumer Services			
37	GG	Sewage related Complaints received during the year	Number	445	Input field
38	GH	Sewage related Complaints resolved within 24 hours during the year	Number	438	Input field
	VIII	EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT	%	34.4	(GU*100/GP)
		Financial Information - Annual Operating Expenses			
39	GI	Regular Staff and Administration	Rs. Lakhs		Input field
40	GJ	Outsourced /Contract Staff Costs	Rs. Lakhs	N. D. P. Carrotti	Input field
41	GK	Electricty 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	3,317,272,5	Input field
45 46	GO GP	Others (Specify)	Rs. Lakhs		Input field
40	GP	Total Annual Operating Expenses	Rs. Lakhs	29.45	GI+GJ+GK+GL+GM+GN+GO
47	CO	Financial Information - Annual Operating Revenues	D. 1.11	7772	
48	GQ GR	Arrears at the beginning of previous year	Rs. Lakhs		Input field
49	GS	Revenue demand from user charges - sewerage only Revenue demand from tax/cess - sewerage only	Rs. Lakhs		Input field
50	GT	Revenue demand from tax/cess - sewerage only 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		Input field
	50	comme beniand of the previous year (current beniand of previous year)	Rs. Lakhs	10.12	GR+GS+GT
	IX	EFFICIENCY IN COLLECTION OF SEWAGE CHARGES		86.2	(CW#100/CU)
52	GU	Total Revenue Demand of the previous year (Current Demand of previous year)	Rs. Lakhs	10.12	(GW*100/GU)
53	GV	Collection against arrears	Rs. Lakhs		Input field
~~		1 Commence against mireurs	IVS. LAKIIS	0.37	IIIIOUE HEIO

SLB Code Sheet

- 1	EA	GW	Collection against assessed designed	The Property	the state of the s
- 1	541	GVV	Collection against current demand	Rs. Lakhs	8.721Input field

		Additional Information (Optional)			
		Staff Information			
5	5 HA				
_	-	Senior Management (Sanctioned)	Number		1 Input field
	6 HB	Senior Management (Working)	Number		0 Input field
	8 HD	Engineers (Sanctioned)	Number		1 Input field
5	1	Engineers (Working)	Number		1 Input field
6		Clerks/Accountants (Sanctioned)	Number		1 Input field
6		Clerks/Accountants (Working)	Number		0 Input field
		Labourers/Cleaners (Sanctioned)	Number		2 Input field
6		Labourers/Cleaners (Working)	Number		3 Input field
6		Total (Sanctioned)	Number	1	
6	4 HJ	Total (Working)	Number		4
_		Septage Management			
6		Does the ULB practice septage management	Yes/No	1/0	s Input field
66		Septage sucking machines available within ULB	Number		2 Input field
6	7 HN	Private Septage machines licenced by ULB	Number		Input field
120		Connection Costs for Sewerage Connections	rvanioer	1	input neid
68		Residential - General	Rs	47	
69		Residential - Urban Poor	Rs		Input field
70	1	Institutional	Rs		Input field
71	-	Commercial	Rs		Input field
72	HS HS	Industrial	Rs		Input field
		Sewerage Tariff Structure - Flat Rate Tariff	KS	15	Input field
73	HT	Residential - General	P. 04		
74	HU	Residential - Urban Poor	Rs./Month		Input field
75	HV	Institutional	Rs./Month		Input field
76	HW	Commercial	Rs./Month	12	Input field
77	HX	Industrial	Rs./Month	12	Input field
		Sewerage Tariff Structure - Volumetric Tariff	Rs./Month	12	Input field
78	HY	Residential - General			
79		Residential - Urban Poor	Rs./KL	0	Input field
80	0.000	Institutional	Rs./KL	0	Input field
81	100.0	Commercial	Rs./KL		Input field
82	IC	Industrial	Rs./KL		Input field
02	10	industrial	Rs./KL		Input field
		Storm Wat D			
-		Storm Water Drainage Data			
83	10	COVERAGE OF STORM WATER DRAINAGE NETWORK	%	59.54	IE*100/ID
84	ID IF	Total Length of Road Network	Kilometers		Input field
04	IE	Total Length of Pucca covered drains	Kilometers		Input field
	II	Walter		011	mpat neid
-		INCIDENCE OF WATER LOGGING/FLOODING	Number	0	IF*IG
85	IF IC	Number of Flood Prone Points in the city	Number		Input field
86	IG	Average Frequency of Flooding	Number		Input field
-				U	mpuchelu
		SEWERAGE SERVICE INDICATOR VALUES			
0.		Indicator	Unit	Value	21 21 2 22
		Coverage of Toilets	%		Reliability
		Coverage of wastewater network services	%	90.1	
		Collection efficiency of wastewater networks	%	2.9	
		Adequacy of wastewater treatment capacity		0.0	
		Extent of reuse and recycling of treated watsewater	%	0.0	
		Quality of wastewater treatment	%	#DIV/0!	
		Efficieny in redressal of customer complaints	%	#DIV/0!	
		Exetent of cost recovery in wastewater management	%	98.4	
		Efficiency in collection of sewerage charges	%	34.4	
		STORM WATER DRAINAGE SERVICE INDICATOR VALUES	%	86.2	
2.		Indicator			
		Coverage of Storm Water Drainage Network	Unit	Value	Reliability
		Incidence of water logging/flooding	%	60	
		medicace of water logging/nooding	Number	0	

Hapur Service Level Benchmarking under 14th Finance commission -Solid waste Management

No	Code	Input Nomenclature	1 / /	Value	Logic/Remark
-					65+17 input fields
+		HOUSEHOLD LEVEL COVERAGE OF SOLID WASTE MANAGEMENT SERVICES			
	1				KE*100/(XE+XT)
		Door to Door Collection - Number of HHs and establishments covered by Door to Door Co	ollection		5-11
1	KA	Number of Households covered by Door to Door Collection	Number		Input field
2	KB	Number of Hotels and Restaurants covered by Door to Door Collection	Number	0	Input field
		Number of Commercial Establishments (institutions, offices) covered by Door to Door			
3	KC	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
				400.00	12/NO 0 (10*100/N1) (NO*100/N1))
	- 11	EFFICIENCY OF COLLECTION OF MUNICIPAL SOLID WASTE		100.00	IF(KO=0,(LO*100/KL),(KO*100/KL))
		Waste Generation	1 100 / 1	2025	I Transital
6	KF	Waste Generated by Households	MT/month		Input field
7	KG	Waste Generated by Street Sweeping	MT/month		Input field
8	KH	Waste Generated by Hotels and Restaurants	MT/month		Input field
9	KI	Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/month	_	Input field
10	KJ	Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/month		Input field
11	KK	Waste Generated by other sources (eg. debris, horticulture waste etc)	MT/month		Input field
12	KL	Total Waste Generated	MT/month	4346	KF+KG+KH+KI+KJ+KK
		Waste Collection and Transportation - Details of waste received at Processing/ Disposal I	Facilities	-	
13	KM	Quantity of waste received at processing and recycling facilities	MT/month		Input field
14	KN	Quantity of waste received at disposal sites	MT/month		Input field
15	КО	Total waste received at processing/disposal facility and recycled	MT/month	0	KM+KN+LQ-ME
		Waste Collection and Transportation - Details of waste transported to Processing/ Dispos	al Facilities		
16	KP	Number of lorries/trucks used for transportation of waste	Number		Input field
17	KQ	Capacity of each lorries/trucks	Metric Tons (MT)		Input field
18	KR	Total number of trips made by each lorries/trucks each day to the disposal site	Trips per day		Input field
19	KS	Total quantity of waste collected by mini lorries/trucks	MT/month		KP*KQ*KR*30
20	KT	Number of dumper placers used for transportation of waste	Number		Input field
21	KU	Capacity of each dumper placer	Metric Tons (MT)		Input field
22	KV	Total number of trips made by each dumper placers each day to the disposal site	Trips per day		Input field
23	KW	Total quantity of waste collected by dumper placers	MT/month		KT*KU*KV*30
24	KX	Number of mini lorries used for transportation of waste	Number		Input field
25	KY	Capacity of each mini lorry	Metric Tons (MT)		Input field
26	KZ	Total number of trips made by each mini lorries each day to the disposal site	Trips per day		Input field
27	LA	Total quantity of waste collected by mini lorries	MT/month		KX*KY*KZ*30
28	LB	Number of tractor trailers used for transportation of waste	Number		Input field
29	LC	Capacity of each tractor trailer	Metric Tons (MT)		Input field
30	LD	Total number of trips made by each tractor trailer each day to the disposal site	Trips per day		Input field
31	LE	Total quantity of waste collected by tractor trailer	MT/month		LB*LC*LD*30
32	LF	Number of tipper trucks used for transportation of waste	Number		Input field
33	LG	Capacity of each tipper trucks	Metric Tons (MT)		Input field
34	LH	Total number of trips made by each tipper trucks each day to the disposal site	Trips per day		Input field
35	LI	Total quantity of waste collected by tipper trucks	MT/month		D LF*LG*LH*30
36	U	Number of 3 wheeler auto tippers used for transportation of waste	Number		Input field
37	LK	Capacity of each 3 wheeler auto tipper	Metric Tons (MT)		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		Total quantity of waste collected by 3 wheeler auto tippers	MT/month		0 U*LK*LM*30
40		Total quantiy of waste collected and transported to disposal site	MT/month	434	6 KS+KW+LA+LE+LI+LN
	111	EXTENT OF SEGREGATION OF MUNICIPAL SOLID WASTE			((LP+LQ)/IF(MH=0,LO,MH))*100
		Segregation of Waste			
41	LP	Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/month		0 Input field
	Set .	Quantity of waste taken away by recyclers from intermediate points	MT/month		0 Input field

	IV	EXTENT OF MUNICIPAL SOLID WASTE RECOVERED		-	(MF/IF(KO=0,LO,KO))*100
		Quantity of Waste Processing			(111711 (110-0,10,10)) 100
4.		Installed Capacity of Composting Plant	MT/month		0 Input field
4		Waste Quantity Input at the Composting Plant	MT/month		0 Input field
4		Installed Capacity of Vermi-composting Plant	MT/month		0 Input field
46		Waste Quantity Input at the Vermi-composting Plant	MT/month		0 Input field
4		Installed Capacity of Refuse Derived Fuel	MT/month		0 Input field
48		Waste Quantity Input at the Refuse Derived Fuel	MT/month	3	0 Input field
45		Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	MT/month	7	0 Input field
50	-	Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	MT/month		0 Input field
53		Installed Capacity of any other processing facilities	MT/month		0 Input field
52		Waste Quantity Input at other processing facilities	MT/month		0 Input field
53		Total Installed Capacity of Processing facilities	MT/month		0 LR+LT+LV+LX+LZ
54		Total Waste Quantity Input at all types of processing facilities	MT/month		0 LS+LU+LW+LY+MA
55		Quantity of waste rejected by processing facilities at intake point	MT/month		0 Input field
57		Quantity of post-processing rejects sent to dumpsite/landfills Total Waste Processed in the ULB	MT/month		0 Input field
3,	IVIF	Total waste Processed in the ULB	MT/month		0 IF(MC <mb,(mc+lq-md),(mb+lq-md))< td=""></mb,(mc+lq-md),(mb+lq-md))<>
	V	EXTENT OF SCIENTIFIC DISPOSAL OF MUNICIPAL COLUMN			
	· ·	EXTENT OF SCIENTIFIC DISPOSAL OF MUNICIPAL SOLID WASTE Quantity of Waste Disposal		#DIV/0!	(MG*100/(MG+MH)
58	MG	Quanity of waste disposed in compliant landfill sites			
59		Quanity of waste disposed in compilant landful sites Quanity of waste disposed in open dump sites	MT/month		0 Input field
- 33	1	Quantry of waste disposed in open dump sites	MT/month		Input field
	VI	EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS			
		Customer Service		96.14	(MJ*100/MI)
60	MI	Complaints received during the year			The state of the s
61		Complaints received during the year Complaints resolved within 24 hours during the year	Number		Input field
		. nours during the year	Number	124	Input field
	VII	EXTENT OF COST RECOVERY IN SWM SERVICES		-	200
		Financial Information - Operational Expenditure on SWM during previous year			(NA*100/MR)
62	MK	Regular Staff & Administration	Rs. In Lakhs	707.00	Diamet field
63	ML	Outsourced/Contracted Staff Costs			Input field
64		Electricity Charges/Fuel Costs	Rs. In Lakhs		Input field
65	MN	Chemical Costs	Rs. In Lakhs		Input field
66	-	Repair/Maintenance Costs	Rs. In Lakhs		Input field
67	MP	Contracted Services Cost	Rs. In Lakhs		Input field
68	MQ	Other Costs (Specify)	Rs. In Lakhs		Input field
69	MR	Total Operational Expenses	Rs. In Lakhs		Input field
		San Spanister Laborator	Rs. In Lakhs	1032.01	MK+ML+MM+MN+MO+MP+MQ
		Financial Information - Operational Revenues from SWM during previous year			
70	MS	Arrears at the end of previous year	De to Latte		
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			Input field
76	MY	Royalty	Rs. In Lakhs Rs. In Lakhs		Input field
77	MZ	Others (Specify)	Rs. In Lakhs		Input field Input field
78	NA	Total Revenue Demand Raised for the previous year	Rs. In Lakhs		MT+MU+MV+MW+MX+MY+MZ
			NS. III Lakiis	0	M1+MU+MV+MW+MX+MY+MZ
	VIII	EFFICIENCY IN COLLECTION OF SWM CHARGES		#DIV/01	(NC*100/NA)
79	NA	Total Revenue Demand Raised for the previous year	Rs. In Lakhs		NA NA
80	NB	Collection against arrears	Rs. In Lakhs	-	Input field
81	NC	Collection against Current Demand	Rs. In Lakhs		Input field
				1	
		Additional Information (Optional)			
00	ALP	Staff Information			
82	ND	Senior Management-Health Officer (Sanctioned)	Number	1	Input field
83	NE	Senior Management-Health Officer (Working)	Number		Input field
84	NF	Sanitary Inspector (Sanctioned)	Number		Input field
85	NG	Sanitary Inspector (Working)	Number		Input field
86	NH	Sanitary Supervisor (Sanctioned)	Number		Input field
87	NI	Sanitary Supervisor (Working)	Number		Input field
88	NJ	Maistries/Safai Karam chari (Sanctioned)	Number		Input field
89	NK	Maistries/Safai Karam chari (Working)	Number		Input field
90	NL	Cleaners/Drivers (Sanctioned)	Number		Input field
91	NM	Cleaners/Drivers (Working)	Number		Input field
92	NN	Labourers (Sanctioned)	Number	110000000	Input field
93	NO	Labourers (Working)	Number		Input field
94	NP	Others Specify	Number		Input field
96	NQ NR	Total (Sanctioned)	Number		ND+NF+NH+NJ+NL+NN
30	INK	Total (Working)	Number		NE+NG+NI+NK+NM+NO+NP
97	NS	Are daily records of weste received at a 17 15 15 15			
98		Are daily records of waste received at compliant landfill maintained (MSW 2000) 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		Input field
		Book available at dumpsite?	Yes/No	No	nput field
		SOLID WASTE MANAGEMENT INDICATORS			
		WALLEY OLD			

SLB Code Sheet

	Indicators	Unit	Result	Reliability
1	Household level coverage of solid waste management services	%	0.0	acentotaly
2	Efficiency of collection of municipal solid waste	%	100.0	
3	Extent of segregation of municipal solid waste	%	0.0	
4	Extent of municipal solid waste recovered	%	0.0	
5	Extent of scientific disposal of municipal solid waste	%	#DIV/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	%	96.1	