

City Name - Hathras

Water Supply

1. Assess the Service Level Gap

The first step is to assess the existing situation and service levels gaps for Water Supply (AMRUT Guidelines; para 3 & 6). This will also include existing institutional framework for the sector. AMRUT is focused on improvement in service levels. The zone wise data shall be used in identifying the gaps. These zone-wise gaps will be added to arrive at city level service gaps. While assessing service level gap reply following questions not more than word indicated against each question.

Question: What kind of baseline information is available for water supply system of the city? Detail out the data, information, plans, reports etc related to sector. Is zone wise information available? (75 words)

Master plan with regulatory authority, DPR of water supply system is available with UP JAL NIGAM. The DPR consists reorganization of existing water supply system with reference to water supply production, treatment and distribution of water supply lines and it has been divided into 6 zones.

Question: Have you collected census 2011 data? Are you aware of baseline survey data of MoUD? Have you correlated data from these and other sources? (75 words)

Yes. Data of census 2011 is available with Nagar Palika Parishad Hathras and the source is NIC. Nagar palika parishd Hathras is aware of MOUD survey data. The data available is being used as reference to develop the slip.

	Location of source of drinking water Population	Total Number of Households	Tapwater from treated source
Total Population (Census, 2011)	Population-1,37,509		
	Total	24,686	9,439
	Within the premises	19,188	7,760
	Near the premises	4,194	1,445
	Away	1,304	234
Departmental Data (2015)	Population 1,50,220	24986	8840 *

*As per the existing data available in ULB

What are existing service levels for water supply in the city? What is the coverage of water supply Connections? What is per capita supply of water? How much is the extent of metering? How much is non-revenue water? Provide information in table

Table: Status of Water Supply service levels

Sr. No.	Indicators	Present Status	MOUD Benchmark	Reliability
1	Coverage of water supply connections (8840 HH /24986 HH)	35.3 %	100%	D
2	Per capita supply of water (15MLD/0.150)	100 LPCD	135 LPCD	D
3	Extent of metering of water connections	0%	100%	A
4	Extent of non-revenue water	30%	20%	D
5	Quality of water supplied	90%	100%	D
6	Cost recovery in water supply services	0 %	100%	D
7	Efficiency in collection of water supply related charges	%	90%	D

Question: What is the gap in these service levels with regard to benchmarks prescribed by MoUD? (75 words)

1. Coverage of water supply connections gap is **64.7%**
2. Per capita supply of water gap is **35 LPCD**
3. Extend of metering of water connections gap is **100 %**
4. Extend of non-revenue water gap is **10%**
5. Quality of water supplied gap **10%**
6. Cost recovery in water supply services gap is 100 %
7. Efficiency in collection of water supply related charges gap is 100 %

SOURCE OF WATER AND WATER TREATMENT SYSTEM.

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the existing source of water? Is it surface water source or under ground water source? What is the capacity of these sources?

Existing source of water is underground water only , total no of tub wells is **15** and discharge capacity of the tube wells is **15 X 1 MLD = 15 MLD**

Question: Is there any treatment provided to water from these sources? How much water is required to be treated daily? What is the treatment capacity installed in the city?

Underground water chlorination is being done. Treatment capacity is **15 MLD.**

Question: What per capita water supply in LPCD (liter per capita per day) comes out, if you divide total water supply by the total population.?

Source of water Capacity 15 MLD (15 T.W) and Per Capita of Water Supply calculated is =15 MLD /0.15 MILLION = 100 LPCD

DISTRIBUTION ZONES

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: City is divided in how many zones for water supply ?

There are 6 zones for water supply in Nagar Palika Parishad Hathras.

Table: Zone Wise Coverage of Households

Question: Provide details of total no of Households (HH) in each zone, no of HH with and without water tap connections in the Table

Zone	Ward	Total No. of Households	Households with Water Connection	Households without Water tap Connection
1	W-4-	958	1970 HH	1810 HH
	W11-	755		
	W-14	1098		
	W-15	969		
02	W-7	1152	306 HH	908 HH
	W-15	62		
03	W-6	562	834 HH	1309 HH
	W-12	833		
	W-18	748		
04	W-2	1156	598 HH	1175 HH
	W-5	617		
05	W-9	819	2098 HH	4074 HH
	W-18	386		
	W-13	884		
	W-19	790		

Zone	Ward	Total No. of Households	Households with Water Connection	Households without Water tap Connection
	W-21	685		
	W-22	941		
	W-24	642		
	W-25	397		
	W-27	628		
06	W-1	1198	3034 HH	6870 HH
	W-3	869		
	W-5	1543		
	W-8	998		
	W-10	1154		
	W-16	798		
	W-17	615		
	W-20	949		
	W-23	1020		
	W-26	760		
Total		24986 HH	8840 HH	16146 HH

STORAGE OF WATER

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the total water storage capacity in the city? What is capacity of elevated and ground water reservoirs?

In Nagar Palika Parishad Hathras present total water supply is 15 ML in which **5 O.H.T** (2250 KL +1000 KL+ 675 KL+ 400 KL+ 1500 KL =5825 KL =**5.825 ML IS Elevated storage capacity** and Capacity of Ground water Reservoirs is **1.08ML** (1 G.W.R)

Question: In case of surface water, does city need to have ground level reservoirs to store raw treated water?

There is no surface water source .

Question: Is water being supplied to consumers through direct pumping or through elevated reservoirs?

In Nagar Palika Parishad Hathras water is being supplied to consumers through direct pumping by tube wells as well as by Elevated reservoirs.

Question: Is storage capacity sufficient to meet the cities demand?

Storage capacity is sufficient to meet the cities demand Nagar Palika Parishad Hathras water production is **21.8 MLD/3= 7.26 ML** and storage capacity currently is **5.88 ML**, therefore demand 2021 comes out to be **1.38 ML**(1000 KL+500 KL).

DISTRIBUTION NETWORK

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the total length of water supply distribution pipe line laid in the city?

The total length of water supply distribution pipe line is **98.35 KM**.

Question: What is the total road length in the city? Is the pipe lines are laid in all streets? Is the objective of universal coverage of water supply pipe line is achieved?

The total road length is **144.10 KM**. Pipe lines are not laid in **45.75 KM** and universal coverage of water supply is not achieved.

Question: What are the kind of pipe materials used in distribution lines?

PVC,DI, CI and GI pipe materials used in distribution lines.

Question: Provide zone wise details of street length with and without water distribution lines in the Table?

Table: Zone Wise length of distribution network

Zone No.	Total Street Length	Street length with water distribution pipe line	Street length without water distribution pipe line
1	23.45KM	14.50 KM	8.95 KM
2	20.21 KM	11.50 KM	8.71 KM
3	16.55 KM	11.25 KM	5.30 KM
4	12.11KM	8.40 KM	3.71 KM
5	25.23KM	20.20 KM	5.03 KM

Zone No.	Total Street Length	Street length with water distribution pipe line	Street length without water distribution pipe line
6	46.55 KM	32.50 KM	14.05 KM
Total	144.10 KM	98.35 KM	45.75 KM

INSTITUTIONAL FRAMEWORK

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: Define role and responsibilities in terms of O&M, policy planning, funding, service provision in table

Table: Functions, roles, and responsibilities

Planning and Design	Construction/ Implementation	O&M
UP JAL NIGAM HATHRAS	JAL NIGAM HATHRAS	N.P.P. HATHRAS ON CONTRACT BASE

Question: How city is planning to execute projects ?

The execution of the projects will be done as per instructions given by the state government as well as MOUD & smaller projects like branch lines, gaps in pipe lines will be done by Nagar Palika Parishad Hathras and nodal agency Jal Nigam Hathras.

Question: Shall the implementation of project be done by Municipal Corporation or any parastatal body? Please refer para 8.1 of AMRUT guidelines.

Implementation of the project shall be done by Nagar Palika Parishad Hathras as well as State Level Parastatal Agency U.P. Jal Nigam. Nagar Palika Parishad Hathras will follow the para 8.1 of the AMRUT Guidelines while execution of the project.

2. Bridge the Gap

Once the gap between the existing Service Levels is computed, based on initiatives undertaken in different ongoing programs and projects, objectives will be developed to bridge the gaps to achieve universal coverage. (AMRUT Guidelines; para 6.2 & 6.3, Annexure-2; Table 2.1). Each of the identified objectives will be evolved from the outcome of assessment and meeting the opportunity to bridge the gap.

Question: List out initiatives undertaken in different ongoing programs and projects to address these gaps. For this provide details of ongoing projects being carried out for sector under different schemes with status and when the existing projects are scheduled to be completed? Provide information in Table

Table: Status of Ongoing/ Sanctioned

S.No.	Name of Project	Scheme Name	Cost	Month of Compilation	Status (as on dd mm 2015)
1	Nil	Nil	Nil	Nil	Nil

Question: How much the existing system will able to address the existing gap in water supply system? Will completion of above will improve the coverage of network and collection efficiency? If yes, how much. (100 words)

NA

Question: Does the city require additional infrastructure to improve the services? What kind of services will be required to fulfill the gap?

Yes. City required regularization of unregistered connections, and to motivate citizens to take connection will increase coverage and reduction of NRW, Improve LPCD, Improve Quality of Water as well as metering & tube well of automation will improve efficiency of collection and operation.

Question: How does the city visualize taking the challenge to rejuvenate the projects by changing their orientation, away from expensive asset replacement programs, to focusing on optimum use of existing assets?

Nagar Palika Parishad Hathras will make its people aware of the importance of drinking water. Nagar Palika Parishad Hathras will make efforts by meetings & registering water connections by advertisements.

Question: Has city conducted assessment of Non Revenue Water? If yes, what is the NRW level? Is city planning to reduce NRW?

City has not conducted any assessment related to NRW Nagar Palika Parishad Hathras have approximate NRW level is 30 %

Question: Based on assessment of existing infrastructure and ongoing / sanctioned projects, calculate existing gaps and estimated demand by 2021 for water supply pipe network, number of household to be provided with tap connections, and required enhancement in capacity of water source/ treatment plant (MLD). Gaps in water supply service levels be provided as per Table

Component	2015			2021	
	Present	Ongoing	Total	Demand	Gap
SOURCE CAPACITY	15 MLD(15 T.W)	-	15 MLD	21.8 MLD	6.8 MLD

Component	2015			2021	
	Present	Ongoing	Total	Demand	Gap
TREATMENT CAPACITY	15 MLD	-	15 MLD	21.8 MLD	6.8 MLD
ELEVATED STORAGE CAPACITY	5.88ML(50.H.T)	-	5.88 ML	7.26 ML	1.38 ML
DISTRIBUTION NETWORK COVERAGE	98.35 KM	-	98.35 KM	144.10 KM	45.75KM

OBJECTIVES

PBased on above, objectives will be developed to bridge the gaps to achieve universal coverage. While developing objectives following question shall be responded so as to arrive at appropriate objective.

Please provide List out objectives to meet the gap in not more than 100 words.

Question: Does each identified objectives will be evolved from the outcome of assessment?

- Universal Coverage by Regularizing of 17226 @ 500 RS =0.861 CR , UNATUHORISED UFW Household and laying of pipe line 45.75 KM@ .35 = 16.01 CR in uncovered area.
- Reduction of NRW by Re-bore of Old Tube wells 6X .3 CR =1.8 CR , Maintenance and Repair of O.H.T (1500 KL at Ramanpur), Replacement of old line _____KM, Leakage Detection.
- Improve per capita of water supply through digging of 6 Tube wells @ 800 LPM, 02 No of O.H.T (1000KL +500 KL).
- Improve the quality of Water through establishment of WATER TESTING Lab .
- Efficiency of charges collection-Metering system in water supply system and online billing, tracking system & spot billing machine.

Question: Does each objective meet the opportunity to bridge the gap?

YES,

3. Examine Alternatives and Estimate Cost

The objective will lead to explore and examine viable alternatives options available to address these gaps.. These will include out of box approaches. (AMRUT Guidelines; Para 6.4 & 6.8 & 6.9). This will also include review of smart solutions. The cost estimate with broad source of funding will be explored for each. While identifying the possible activities, also examine the ongoing scheme and its solutions including status of completion, coverage and improvement in O&M. Please provide information on the above responding to (however not limited to) following questions.

Question: What are the possible activities and source of funding for meeting out the objectives? (75 words)

The funding for meeting out the each objective will 50% from AMRUT and remaining 50% from state and Nagal palika Parishad Hathras.

Question: How can the activities be converged with other programme like JICA/ ADB funded projects in the city etc? (100 words)

There are no ongoing project under JICA/ADB

Question: What are the options of completing the ongoing activities? (75 words)

NA

Question: How to address the bottlenecks in the existing project and lessons learnt during implementation of these projects? (75 words)

In Nagar Palika Parishad Hathras there is a staff shortage for running the project and focusing toward enhancement of coverage. During the implementation of water supply scheme awareness among public was most challenging activities.

Question: What measures may be adopted to recover the O&M costs? (100 words)

Nagar Palika Parishad Hathras will minimize Non-Revenue water by regularizing unregistered water connections & make more efforts from collection staff & introducing metering system & automation of tube wells.

Question: Will metering system for billing introduced?

Yes. Nagar Palika Parishad Hathras will introduce metering system for billing under AMRUT scheme.

Question: Whether reduction in O&M cost by addressing NRW levels be applied? (75 words)

By regularizing of water connection, Introduce metering of water connections, improve the collection efficiency.

Question: Does each objective meet the opportunity to bridge the gap?

YES.

THE ALTERNATIVE ACTIVITIES TO MEET THESE ACTIVITIES BE DEFINED AS PER TABLETable: Alternative Activities To Meet Objectives

Sr. No.	Objective	Activities	Cost (Cr)	Financing Source
1	TO ACHIEVE THE UNIVERSAL COVERAGE	To universal coverage - 17226 HH x 500 Rs,	0.861	AMRUT/State and ULBs
		Laying of Pipe line in uncovered areas 45.75 KM X 0.35 Cr/km	16.01 Cr	AMRUT/State and ULBs
2	To make the system efficient by reduction of NRW water	Replacement of Old defunct Lines is 50 KM X 0.3Cr/km in ZONE 5 – ZONE 6 OLD CITY 1938 year –line laid .	15 Cr	AMRUT/State and ULBs

3	Per capita of Water Supply LPCD	Digging of 6 New Tube wells x 0.40 Cr	2.4 Cr	AMRUT/State and ULBs
		Construction of 2New Over Head Tanks (O.H.T) 1000KLX 12 RS /LIT = 1.20 Cr 500 KL X 12 RS /LIT = .60 Cr	1.80 Cr	AMRUT/State and ULBs
		Rebore of 6 NO of Tube wells @ .3 CR WARD 1 – AWAS VIKAS sec1 -4, WARD 21- T.W.NO 6 & 8, WARD 9 Jalesar road T.W. NO ,ward -7 Ramanpur T.W. NO 13	1.80 Cr	
4	To Improve the quality of water supplied	Establishment of water testing lab in NPP Hathras	0.40 Cr	AMRUT/State and ULBs
5	Efficiency of charges collection	Metering system in water supply system 1500 Rs x24986 HH	3.74 Cr	AMRUT/State and ULBs
	Total		42.011CR	

4. Citizen Engagement

ULBs will organize and conduct city level citizen consultation and receive feedback on the suggested alternatives and innovations. Each alternative will be discussed with citizens and activities to be taken up will be prioritized to meet the service level gaps. ULB will prioritize these activities and their scaling up based on the available resources. (AMRUT Guidelines; Para 6.6, 6.7 & 7.2). Please explain following questions in not more than 200 words detailing out the needs, aspirations and wishes of the local people.

Question: Has all stakeholders involved in the consultation?

Nagar Palika Parishad Hathras proposes to involve stakeholders in the consultation.

Question: Has ward/ zone level consultations held in the city?

Nagar Palika Parishad Hathras will organize consultations .

Question: Has alternative proposed above are crowd sourced?

No

Question: What is feedback on the suggested alternatives and innovations?

Nagar palika Hathras proposes to people are agreed to regularization of connection, providing household connections to within and nearby the premises, improvement of quality of water supply, Enhancement of per capita of water supply & metering of water connections for collection efficiency and improvement in revenue income.

Question: Has alternative taken up for discussions are prioritized on the basis of consultations?

Yes it needed to be proposed .

Question: What methodology adopted for prioritizing the alternatives?

After the consultation made in Nagar Palika Parishad Hathras board meetings as the discussion regularization of water connections ,laying of pipe lines, digging of new tub-well, metering of water connections, establishment of Lab .

5. Prioritize Projects

Based on the citizen engagement, ULB will prioritize these activities and their scaling up based on the available resources to meet the respective objectives. While prioritizing projects, please reply following questions in not more than 200 words.

Question: What are sources of funds?

The source of funding of activities shall be: 1. AMRUT, 2. 14th Finance Commission 3. State Government Funds

Question: Has projects been converged with other program and schemes?

There is no other scheme running in the city.

Question: Has projects been prioritized based on “more with less” approach?

Yes the projects are being prioritized based on “more with less” approach universal coverage through IEBC activities.

Question: Has the universal coverage approach indicated in AMRUT guidelines followed for prioritization of activities?

YES the universal coverage approach is followed for prioritization of activities

6. Conditionalities

Describe in not more than 300 words the Conditionality of each project in terms of availability of land, environmental obligation and clearances, required NOC, financial commitment, approval and permission needed to implement the project.

Public awareness to increase the coverage of water supply, SCADA, Augmentation of water supply system
No need of Land, environment clearance and NOC for meet the GAP for universal coverage and
Enhancement of per capita of water supply.

7. Resilience

Required approvals will be sought from ULBs and competent authority and resilience factor would be built in to ensure environmentally sustainable water supply scheme. Describe in not more than 300 words regarding resilience built in the proposals.

Disaster and environmental related factor will be considered while preparation of DPRs

8. Financial Plan

Once the activities are finalized and prioritized after consultations, investments both in terms of capital cost and O&M cost has to be estimated. (AMRUT Guidelines; para 6.5) Based on the investment requirements, different sources of finance have to be identified. Financial Plan for the complete life cycle of the prioritized development will be prepared. (AMRUT Guidelines; para 4, 6.6, 6.12, 6.13 & 6.14). The financial plan will include percentage share of different stakeholders (Centre, State and City) including financial convergence with various ongoing projects. While preparing finance plan please reply following questions in not more than 250 words

Question: How the proposed finance plan is structured for transforming and creating infrastructure projects?

As per the guidelines of the AMRUT, the structured plan of the project will be developed. The share of State and ULB will be decided in High power committee.

Question: list of individual projects which is being financed by various stakeholders?

There is no such individual project.

Question: Has financial plan prepared for identified projects based on financial convergence and consultation with funding partners?

Yes, financial plan prepared for identified projects are based on financial convergence and consultation with funding partners. GOI, State and ULB

Question: Is the proposed financial structure is sustainable? If so then whether project has been categorized based on financial considerations?

Yes, the proposed financial structure is sustainable and project has been categorized based on financial considerations.

Question: Have the financial assumptions been listed out?

Yes, financial assumptions have been listed out.

Question: Does financial plan for the complete life cycle of the prioritized development?

Yes, financial plan has been done for the complete life cycle of the prioritized development

Question: does financial plan include percentage share of different stakeholders (Centre, State, ULBs)

Yes, financial plan include percentage share of different stakeholders (Centre, State and ULB)

Question: Does it include financial convergence with various ongoing projects.

Yes, it includes financial convergence with various ongoing projects

Question: Does it provide year-wise milestones and outcomes?

Yes, year-wise milestones and outcomes have been provided.

DETAILS IN FINANCIAL PLAN SHALL BE PROVIDED AS PER TABLE 8.1, 8.2, 8.3, 8.4 AND 8.5. THESE TABLES ARE BASED ON AMRUT GUIDELINES TABLES 2.1, 2.2, 2.3.1, 2.3.2, AND 2.5.

Table 8.1 Master Plan of Water Supply Projects for Mission period
(As per Table 2.1of AMRUT guidelines)

(Amount in Rs. Cr)

S.No.	Objective	Project Name	Priority number	Year in which to be implemented	Year in which to be completed	Estimated Cost Cr
1	To achieve the universal coverage	To universal coverage of water connection 17226 H.H X 500 Rs	1	2016	2017	.861 Cr
		Laying of New network of Pipe line in uncovered areas 45.39 KM X 0.3Cr/km to increase household coverage .	1	2016	2018	16.01 Cr
2	To make the system efficient by reduction of NRW water	Replacement of Old Line is 50 KM X .30Cr in old areas ZONE 5 & ZONE 6 .which are old and defunct .	2	2018	2020	15 Cr
		SCADA System 20 tube wells x 0.04 Cr	3	2019	2020	0.8 Cr
3	Per capita of Water Supply	Digging of 6 New Tube well	2	2018	2019	2.4 Cr
		Construction of 2 New Over Head Tanks	3	2018	2019	1.8 Cr
		Re-bore of 6 tube wells lying in core area which are nearly 18 years old	3			1.8 Cr
4	To improve the quality of water	Establishment/rehab of water testing lab in Nagar Palika Hathras for improvement of quality of water supplied.	4	2020	2021	.4 Cr
5	Efficiency of charges collection	Metering system in water supply system for households	5	2020	2021	3.74 Cr
Total						42.011 CR

MASTER SERVICE LEVELS IMPROVEMENTS DURING MISSION PERIOD(As per Table 2.2 of AMRUT guidelines) (Amount in Rs. Cr)

S r. N o.	INDICATOR	Project Name	Physical Components	Change in Service Levels			Estimated Cost
				Indicator	Existi ng (As- ls)	After (To- be)	
1	TO ACHIEVE THE UNIVERSAL COVERAGE	To universal coverage of water connection - 17226 H.H X 500 Rs	17226 HH connections	Coverage of water supply connections	35.3 %	100%	.861 Cr
		Laying of Pipe line in uncovered areas 45.75 KM X .35 Cr	45.75KM X.35 Cr				16.01 Cr
2	TO MAKE THE SYSTEM EFFICIENT BY REDUCTION OF NRW WATER	Replacement of Old Line is 50 KM X 0.3 Cr	50 KM X 0.06 Cr	N.R.W level reduction	30%	20%	15 Cr
		SCADA System 20 x 0.04 Cr	20 Tube wells X 0.04 Cr				0.8 Cr
3	PER CAPITA OF WATER SUPPLY	Digging of 6 New Tube wells x .4 cr	6 Tube well X .4 Cr	Per capita supply of water	100L PCD	135 LPC D	2.4 Cr
		02 Over Head Tanks 02 x 1.98 Cr	02 O.H.T X 1.98 Cr				1.8 Cr

		06 NO Re-bore tube wells X .3Cr	6 REBORE X 0.3 Cr				1.8 Cr
4	TO IMPROVE THE QUALITY OF WATER SUPPLIED	Establishment/rehab of water testing lab IN Nagar Palika Parishad	water testing lab equipments and instruments for lab testing	Quality of water supplied	90%	100%	.4 Cr
5	EFFICIENCY OF CHARGES COLLECTION	Metering system in water supply	Metering system in water supply system,	Charges collection	0 %	90%	3.74 Cr
Total							42.011 CR

ANNUAL FUND SHARING PATTERN FOR WATER SUPPLY PROJECTS

(As per Table 2.3.1 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr. No.	Objective	NAME OF PROJECT	Total Project Cost	Share				
				GOI	State	UL B	Others	Total
1	To achieve the universal coverage	To universal coverage of water connection - 17226 H.H X 500 Rs	.861 Cr					
		Laying of Pipe line in uncovered areas 45.75 KM X .35 Cr	16.01 Cr					16.01 CR
2	To make the system efficient by reduction of NRW water	Replacement of Old Line is 50 KM X 0.3 Cr	15 Cr					15 Cr
		SCADA System 20 tube wells x 0.04 Cr	0.8 Cr					0.8 Cr

3	Per capita of Water Supply	Digging of 6 New Tube well 6X .40 CR	2.4 Cr					2.4 Cr
		2 Over Head Tanks	1.8 Cr					1.80 Cr
		REBORE OF 6 T.W	1.8 Cr					1.80 Cr
4	To improve the quality of water	Establishment/rehab of water testing lab	.4 Cr					.4 Cr
5	Efficiency of charges collection	Metering system in water supply system	3.74 Cr					3.74 Cr
		TOTAL	42.811 CR					42.011 CR

ANNUAL FUND SHARING BREAK-UP FOR WATER SUPPLY PROJECTS

(As per Table 2.3.2 of AMRUT guidelines)

Sr. No.	Objective	Project	GOI	State			ULB			Convergence	Others	Total
				14th FC	Others	Total	14th FC	Others	Total			
	To achieve the universal coverage	To universal coverage of water connection - 17226 H.H X 500 Rs	50 %	-	50%	50%	-	-	-	-	-	100%
		Laying of Pipe line in uncovered areas 45.75 KM X .35 Cr	50 %	-	50%	50%	-	-	-	-	-	100%
	To make the system efficient by reduction of NRW water Per capita of Water Supply	Replacement of Old Line is 50 KM X 0.3 Cr	50 %	-	50%	50%	-	-	-	-	-	100%
		SCADA System 20 tube wells x 0.04 Cr	50 %	-	50%	50%	-	-	-	-	-	100%
		Digging of 6 New Tube well 6X .40 CR	50 %	-	50%	50%	-	-	-	-	-	100%
	To improve the quality of water	2 Over Head Tanks	50 %	-	50%	50%	-	-	-	-	-	100%
		REBORE OF 6 T.W	50 %	-	50%	50%	-	-	-	-	-	100%
		Establishment/rehab of water testing lab	50 %	-	50%	50%	-	-	-	-	-	100%
	Efficiency of charges	Metering system in water supply system	50	-	50%	50%	-	-	-	-	-	100%

Sr. No.	Objective	Project	GOI	State			ULB			Convergence	Others	Total
				14th FC	Others	Total	14th FC	Others	Total			
	collection		%									
		TOTAL	50%	-	50%	50%	-	-	-	-	-	100%

YEAR WISE PLAN FOR SERVICE LEVELS IMPROVEMENTS

(As per Table 2.5of AMRUT guidelines)

