Right to Information Act (RTI)


APPENDIX-1

INTERVIEW SCHEDULE

A. Identification of the Household

I would like to ask some questions about the drinking water problem in your locality so that it can help the government to improve the water availability in your locality. These questions take about 30 minutes. Your opinion is considered very valuable for this survey. Let me first ask some questions to identify this house.

A.1. Household Identification: …………………………………

B. Personal Correlates

1. Name of the respondents:
3. Age:
4. Educational Background:
   a. No schooling □ b. Primary □ c. Secondary/Higher Secondary □
   d. Graduate □ e. PG □ f. Others Please Specify
5. Occupation:
   1. Govt./Aided service □ 2. Retired □
   3. Private Sector □ 4. House wife □
   5. Others specify □
6. Type of House
7. Tenure of the house
8. If rented amount of rent per month:
9. No of Family members
   a. No. of adults (Above 14 years)  
   b. No. of children (Below 14 years) 
10. Monthly income
   a. Less than 5000  
   b. 5000-10000  
   c. 10000-15000  
   d. 15000-20000  
   e. More than 20000  
11. Are you aware of the water problem in your locality? a. Yes  
   b. No  
12. Have any of your household members suffered from diseases caused by drinking contaminated water during last 6 months?
   a. Yes  
   b. No  
13. How many days were lost due to the illness
14. Do you pay a bill for the piped water
   a. Yes  
   b. No  
15. What is your current water bill/month?  

C. Availability problem

16. How serious is the problem of water availability in your locality?
   1. Very serious  
   2. Somewhat serious  
   3. Not serious  
   4. Don’t know  
17. How serious is the problem of poor quality of drinking water in your locality?
   1. Very serious  
   2. Somewhat serious  
   3. Not serious  
   4. Don’t know  
18. What are your different sources of drinking water
   1. Public water  
   2. Tube well  
   3. Open well  
   4. Tankers  
   5. Any other  
19. If public water
   a. Is public water daily available to you
      1. Yes  
      2. No  
   b. Time of Supply
      1. Morning  
      2. Evening  
      3. Noon  
      4. All time  
      5. Not in proper time  
      6. Not getting  

Economics of Urban Water Supply System: A Case Study of Public Water Supply in Kollam District 238
c. Quantity of water available at a time

1. 1-100 liters □  2. 101-500 liters □  3. 501-1000 liters □  4. Above 1000 □  5. Don’t know

20. Do you feel it enough for meeting your requirements for (please put ‘√’ mark)

21. Do you have any facility for storing water (if answer is No avoid questions below 3 questions and go to 4):
   1. Yes □  2. No □

22. Type of facility
   1. Tank □  2. Sump □  3. Both □

23. Capacity of Sump .....................litres

24. Capacity of Overhead tank .................litres

25. If there is no storage, number of hours you get water in the tap .............hours

26. If water is not available daily how often it is available
   1. Once in 2 days □  2. Alternate days □  3. Twice in a week □  4. 5 days in a Week □  5. Daily □  6. Don’t know □

27. How many times in a month you have no water or very less water ............Days per month

28. Do you have any other source other than KWA
   1. Yes □  2. No □

29. Type of source:

30. Do you use it for domestic purposes?
   1. Yes □  2. No □

31. If No why

32. If Yes how much
D. **Public Tap**

33. Is there any stand posts nearby
   1. Yes □  2. No □  3. Don’t Know □

34. How far it is away from your house
   1. 150 metres and above □  2. Below 150 metres □

35. Do you face any difficulty in fetching water from there
   1. Yes □  2. No □

36. How many hours per day water is available

37. Are you satisfied with the timing
   1. Yes □  2. No □

38. Are you able to get water in adequate quantity

39. How many times in a month you have no water or very less water in a public tap ………….Days per month

40. Who usually fetch water from public tap
   1. Women □  2. Children □  3. Other household member □

41. How much time is spend ………

42. Do you lose any working hours while fetching water
   1. Yes □  2. No □

43. If lost how many hours are lost per day

44. How many households collect water at the tap

45. Whether the surroundings of the pipe is clean or not
   1. Yes □  2. No □
E. Water consumption and demand

46. How much quantity of water was used by you yesterday for all purposes (If in buckets convert into litres by seeing the bucket):

47. No of taps in the house:

48. Number of bathrooms/Toilet:

49. Whether connected with flush.

   1. Yes  
   2. No  

50. Capacity in litres

   1. Less than five  
   2. Greater than five  

51. Number of flushes per day:

52. How many times the members take bath:

53. How many times you cook:

54. How do you wash:

   1. Household member  
   2. Servent  
   3. Dhobi  
   4. Washing machine  
   5. Others  

55. Frequency of washing

   1. Daily  
   2. Alternate days  
   3. Twice in a week  
   4. Once in a week  
   5. Once in a month  

56. How many litres of water do you use for washing  

   (If weekly figures convert into daily)

57. Do you clean house using pipe water

   1. Yes  
   2. No  

58. If Yes frequency of cleaning

   1. Daily  
   2. Alternate days  
   3. Thrice in a week  

59. How much quantity of water is used for gardening?
F. Equipments

60. Do you have the following equipments

1. Washing Machine  
2. Geyser  
3. Dish washer

61. Equipment used regularly

62. How many times you use this in a week

G. Vehicle

63. Do you have vehicles

1. Yes  
2. No

64. Type of vehicle

1. Cycle  
2. Motorcycle/scooter  
3. Car  
4. Others

65. Intervals of washing

1. Daily  
2. Once in a week  
3. Twice in a week  
4. Once in a month

66. Can you tell how much water you used yesterday from different sources and for different purposes

<table>
<thead>
<tr>
<th>Source</th>
<th>Purpose</th>
<th>Quantity (liters/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>House Connection</td>
<td>Drinking</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cooking (including washing clothes)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bathing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Washing clothes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Washing Vehicles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Any other purpose</td>
<td></td>
</tr>
<tr>
<td>Own Bore well</td>
<td>Drinking</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cooking (including washing clothes)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bathing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Washing clothes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Washing Vehicles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Any other purpose</td>
<td></td>
</tr>
<tr>
<td>Source</td>
<td>Drinking</td>
<td>Cooking (including washing clothes)</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Own Well</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outside Well</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public tap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

67. Do you experience water shortage


68. Do you make use of alternative arrangements

1. Yes □ 2. No □

69. Is the alternative arrangement free of cost.

1. Yes □ 2. No □

70. If No what is the rate Rs.…………………/litre
H. Payment

71. Do you have meter for water connection
   1. Yes  
   2. No  

72. How often you pay ……………………..
   1. Monthly  
   2. Once in 2 months  
   3. Once in 3 months  
   4. Once in 6 months  
   5. Once in a Year  

73. Which of the following problems you notice in water quality
   1. Turbidity  
   2. Brackishness  
   3. Chlorine smell  
   4. Bad smell  
   5. Green colour  
   6. All the above  

74. How often the pipes of water authority break
   1. Once in a week  
   2. Once in 2 weeks  
   3. Once in a month  
   4. Once in 6 months  
   5. Once in a Year  
   6. Done by own  
   7. Don’t know  

75. Time taken to restore supply
   1. One day  
   2. 2 days  
   3. One week  
   4. 2 Weeks  
   5. One month  
   6. Done by own  
   7. Don’t know  

76. How do you purify water
   1. Boiling  
   2. Filtering  
   3. Other measures  
   4. Do not purify  

77. Are you satisfied with Corporation water supply?
   1. Highly satisfied  
   2. Satisfied  
   3. Dissatisfied  
   4. Highly dissatisfied  

I. Water Conservation

78. Are you aware of the problems connected with the availability and sources of water in Kerala and Kollam in particular?
   1. Yes  
   2. No  

If no describe the situation of ground water depletion, run off into the sea, absence of water conservation
79. Do you feel the need for conserving water for the future as well as the present generation
   1. Yes ☐  2. No ☐

80. Are you aware of the following traditional methods of water conservation?
   a. Homestead water management  Yes ☐  No ☐
   b. Rain water harvesting  Yes ☐  No ☐
   c. Kayyalas/Bandhs  Yes ☐  No ☐
   d. Making pits  Yes ☐  No ☐
   e. Ponds/ Tank management  Yes ☐  No ☐

81. If Yes do you practice any of the above methods in your home?
   1. Yes ☐  2. No ☐

82. Is there any programme in your locality for conservation like rejuvenation of ponds/tanks etc?
   1. Yes ☐  2. No ☐  3. Don’t know ☐

83. If yes which agency carries out such programmes

84. In your opinion who should take the lead role in conservation of water resources?

85. Are you aware of the Kerala State Municipality Building Rules
   1. Yes ☐  2. No ☐

86. Do you have a well in your premise /yard
   1. Yes ☐  2. No ☐

87. If yes have you constructed a Rainwater Harvesting System in your building
   1. Yes ☐  2. No ☐
88. If yes how much quantity of water (liters) do you save each year from Rainwater Harvesting System approximately

1. 1-500  
2. 500-1000  
3. 1000-1500  
4. Above 1500  

89. Do you consider Rainwater Harvesting System as a successful method of water conservation

1. Yes  
2. No  
3. Don’t know  

90. How can you rank the following methods in its capacity to conserve water (Give ranks 1 to 4)

1. Homestead Water Management  
2. Rainwater Harvesting System  
3. Kayyalas / bandhs  
4. Making pits  

91. Do you reduce your water use in summer

1. Yes  
2. No  

92. If yes what are the uses for which you reduce your summer use of water

1. Cooking  
2. Washing clothes  
3. Washing utensil  
4. Washing vehicles  
5. Watering the garden  
6. Others (specify)  

93. The quantity of water saved in litres

1. 1-200  
2. 200-400  
3. 400-600  
4. Above 600  

94. Do you hear about water conservation from any sources?

1. Yes  
2. No  

95. From where do you hear about water conservation measures

1. Visual media  
2. Newspaper  
3. Awareness programme  
4. Local Authority  
5. Others  

---

Economics of Urban Water Supply System: A Case Study of Public Water Supply in Kollam District 246
96. Do you believe that water conservation in Kollam is

1. A very important issue  
2. An important issue  
3. Not a very important issue  
4. Not important at all  
5. No Opinion  

97. Have you ever tried to reduce the amount of water you use in any of the following ways

(please ‘√’ mark against each item which are applicable)

1. Reducing the number of times you water your lawn
2. Adding more water efficient faucets to showers or inside taps to reduce water flow
3. Turning off the tap when brushing teeth or shaving
4. Using dishwashers or cloth washers less often
5. Taking showers instead of baths
6. Other methods  Specify

98. Which of the following approaches to water conservation do you think most suitable for your area (please ‘✓’ mark against each item which are applicable)

1. Voluntary restrictions
2. Mandatory restrictions imposed by the local authorities
3. No watering restrictions
4. Subsidies to encourage people to purchase more water efficient technology
5. Higher rates for water bills based on how much an individual is using
6. Other strategies

99. Are you satisfied with the present water conservation measures adopted by the government

1. Highly satisfied  
2. Satisfied  
3. Dissatisfied  
4. Highly dissatisfied
Kollam Corporation

J. Willing to Pay

Now you are paying Rs…. Per KL. But water is available only for 2 hours per day. With the existing Quilon Water Supply Scheme, it is able to provide only 18 MLD of drinking water to the 3.85 lakh population of Kollam corporation at a meager average of 47 lpcd, where the per capita supply required for urban population as per CPHEEO norms is 135 lpcd. Water demand for the projected population of 2043 @135 lpcd will come to 55.08 MLD. Present supply is 18 MLD. Hence another 42 MLD need to be found out to fulfill the water demand of Kollam corporation. The Water authority is planning to improve the availability, quality and quantity of water. It cannot increase the supply of water from Sasthamcotta lake as it is over extracted. Hence it has made a master plan for bringing water from other sources. With this proposed master plan the water authority will be able to provide water for 24 hours on all week days. But this needs more investment and money requirements. As consumers we have to bear a part of the expenses. If you pay more than the present amount you will get the benefit. Otherwise you will not. You have to pay the water charge as monthly water bill to the water authority. If you place a higher bid you will not be able to pay it later. If you place a lower bid the water authority cannot implement it. If you place your correct WTP bid the water authority will be able to implement it and increase the availability, quality and quantity of water. Hence please specify your correct WTP for water.

Paravur Municipality

Now you are paying Rs…. Per KL. Currently the municipality is facing severe shortage of water during the four months from February to May. For solving the problem The Kerala Water Authority along with JICA has started implementing the Meenad Water Supply Project. With the implementation of this project there will be full time supply of highly purified water through domestic connection. It uses most modern technology for distribution of water. It aims to distribute water for 93 lakh people. It costs about 232 crores of rupees. If you pay more than the present amount you will get the benefit. Otherwise you will not. You have to pay the water charge as monthly water bill to the water authority. If you place a higher bid you will not able to pay it later. If you place a lower bid the water authority cannot implement it. If you place your correct WTP bid the water authority will be able to implement it and increase the availability, quality and quantity of water. Hence please specify your correct WTP for water.

Karunagappally Municipality

Now you are paying Rs…. Per KL. The municipality gets water from the Achenkovil river from where water is pumped to Mavelikkara. The water supply system makes use of 3 tube wells. Now the water authority is going to put new pipelines to improve the coverage of unconnected households and also to improve the supply to connected households. Since the municipality has a high population density in future there will be a greater demand for water. Hence if coverage is improved are you willing to pay more. If you pay more than the present amount you
will get the benefit. Otherwise you will not. You have to pay the water charge as monthly water bill to the water authority. If you place a higher bid you will not be able to pay it later. If you place a lower bid the water authority cannot implement it. If you place your correct WTP bid the water authority will be able to implement it and increase the availability, quality and quantity of water. Hence please specify your correct WTP for water.

**Punalur Municipality**

Now you are paying Rs…. Per KL. But water is available only for about 50 percent of the population. With the existing Water Supply Scheme, it is able to provide only 5.03 MLD of drinking water to the 46653 population of Punalur Municipality at a meager average of 70 lpcd, where the per capita supply required for urban population as per CPHEEO norms is 135 lpcd. The present requirement of water is 16.93 mld of water for the municipality. Around 25 per cent of the municipal areas are completely devoid of the benefit of existing water supply facilities due to the absence of distribution coverage. The recurrent leaks occurring disturbs the consistent supply of water. Now the water Authority has proposed a new plant at Valakkode near High School Junction in Punalur with a capacity of 12.5 mld with 5 reservoirs. The source is Kallada river with the proposed well at Muzhikkal. The proposal aims at providing water for the municipal area for 24 hours for 7 days in a week with 135 mld which is the requirement for urban area as per CPHEEO norms. The plan targets the 2045 population of the municipality. But this project costs about 9627 lakhs. As consumers we have to bear a part of the expenses. If you pay more than the present amount you will get the benefit. Otherwise you will not. You have to pay the water charge as monthly water bill to the water authority. If you place a higher bid you will not be able to pay it later. If you place a lower bid the water authority cannot implement it. If you place your correct WTP bid the water authority will be able to implement it and increase the availability, quality and quantity of water. Hence please specify your correct WTP for water.

**For customers belonging to BPL category ( Paying Zero per Kilolitre)**

1. If the water authority is improving the availability, quality and quantity of water are you willing pay something
   
   1. Yes ☐ 2. No ☐

   If yes …………………………go to (2)

   If No …………………………go to (6)
2. Are you willing to pay Rs.2 per month
   Yes----------------------------go to (3)
   No------------------------go to (5)
   Do not know ----------go to (5)

3. Suppose instead of 2 it is 4 per month are you willing to pay
   Yes--------------------go to (4)
   No------------------------go to (5)
   Do not know -----------go to (5)

4. If it is 6 per month are you willing to pay
   1. Yes [ ] 2. No [ ] 3. Don’t know [ ]

5. What is the maximum amount your household could afford to pay per month
   -----------------/KL
   If household mentions any amount go to (7)
   If amount is Zero

6. What are the reasons you deny to pay for reliable water even if the amount per month is very low
   1. Cannot afford to pay any amount [ ] 2. Satisfied with traditional source [ ]
   3. Govt should provide free water [ ] 4. Others (Specify [ ]
   If the amount in (5) is Zero skip (9)

7. If you are not willing to pay money then are you willing to supply your labour for any maintenance works of KWA
   1. Yes [ ] 2. No [ ]

8. If Yes how often are you willing to supply your labour (Tick whatever that apply)
   1. Daily [ ] 2. Once in a week [ ] 3. Twice in a week [ ]
4. Once in a month  

5. Twice in a month  

9. In order to be able to pay for water, which expenses would you reduce  

1. Food  

2. Clothing  

3. Transport  

4. School fees  

5. Others  

For Consumption Slab of 0-5 (Those paying RS.20 only)  

1. If the water authority is improving the availability, quality and quantity of water are you willing pay something  

1. Yes  

2. No  

If yes………………………….go to (2)  
If No………………………….go to (6)  

2. Are you willing to pay Rs.22 per month?  

Yes------------------------go to (3)  
No------------------------go to (5)  
Do not know ---------go to (5)  

3. Are you willing to pay 24 per month?  

Yes------------------------go to (4)  
No------------------------go to (5)  
Do not know ---------go to (5)  

4. Are you willing to pay 26 per month?  

1. Yes  

2. No  

3. Don’t know  

5. What is the maximum amount your household could afford to pay per month 
-------------------------/KL 

If household mentions any amount go to (7) 

If amount is Zero

6. What are the reasons you deny to pay for reliable water even if the amount 
per month is very low

1. Cannot afford to pay any amount [ ] 2. Satisfied with traditional source [ ] 

3. Govt should provide free water [ ] 4. Others (Specify [ ]

If the amount in (5) is Zero skip (9)

7. If you are not willing to pay money then are you willing to supply your 
labour for any maintenance works of KWA

1. Yes [ ] 2. No [ ]

8. If Yes how often are you willing to supply your labour(Tick whatever that 
apply)

1. Daily [ ] 2. Once in a week [ ] 3. Twice in a week [ ]

4. Once in a month [ ] 5. Twice in a month [ ]

9. In order to be able to pay for water, which expenses would you reduce 

1. Food [ ] 2. Clothing [ ] 3. Transport [ ]

4. School fees [ ] 5. Others [ ]
For Consumption Slab of 5-10 (Those paying Rs.20.00 +4 /
kl above 5 kl)

1. If the water authority is improving the availability, quality and quantity of water are you willing pay something

   1. Yes  
   2. No

   If yes …………………….go to (2)
   If No …………………….go to (6)

2. Are you willing to pay Rs.4.4 per KL?

   Yes------------------------go to (3)
   No-------------------------go to (5)
   Do not know ---------go to (5)

3. Are you willing to pay 4.8 per KL?

   Yes------------------------go to (4)
   No-------------------------go to (5)
   Do not know ---------go to (5)

4. Are you willing to pay 5.2 per KL?

   1. Yes      
   2. No      
   3. Don’t know

5. What is the maximum amount your household could afford to pay per month

   1. Cannot afford to pay any amount 
   2. Satisfied with traditional source

   3. Govt should provide free water 
   4. Others (Specify)
If the amount in (5) is Zero skip (9)

7. If you are not willing to pay money then are you willing to supply your labour for any maintenance works of KWA
   1. Yes [ ] 2. No [ ]

8. If Yes how often are you willing to supply your labour (Tick whatever that apply)
   1. Daily [ ] 2. Once in a week [ ] 3. Twice in a week [ ]
   4. Once in a month [ ] 5. Twice in a month [ ]

9. In order to be able to pay for water, which expenses would you reduce
   1. Food [ ] 2. Clothing [ ] 3. Transport [ ]
   4. School fees [ ] 5. Others [ ]

For Consumption Slab of 10-20 (Those paying 40+ Rs 5/kl above 10 Kl)

1. If the water authority is improving the availability, quality and quantity of water are you willing pay something
   1. Yes [ ] 2. No [ ]

   If yes …………………………go to (2)
   If No …………………………go to (6)

2. Are you willing to pay Rs.5.5 per KL?
   Yes------------------------go to (3)
   No------------------------go to (5)
   Do not know --------go to (5)
3. Are you willing to pay 6.0 per KL?
   Yes------------------------go to (4)
   No------------------------go to (5)
   Do not know ------------go to (5)

4. Are you willing to pay 6.5 per KL?
   1. Yes [ ] 2. No [ ] 3. Don’t know [ ]

5. What is the maximum amount your household could afford to pay per month
   ------------------/KL
   If household mentions any amount go to (7)
   If amount is Zero

6. What are the reasons you deny to pay for reliable water even if the amount
   per month is very low
   1. Cannot afford to pay any amount [ ] 2. Satisfied with traditional source [ ]
   3. Govt should provide free water [ ] 4. Others (Specify [ ]
   If the amount in (5) is Zero skip (9)

7. If you are not willing to pay money then are you willing to supply your
   labour for any maintenance works of KWA
   1. Yes [ ] 2. No [ ]

8. If Yes how often are you willing to supply your labour (Tick whatever that
   apply)
   1. Daily [ ] 2. Once in a week [ ] 3. Twice in a week [ ]
   4. Once in a month [ ] 5. Twice in a month [ ]
9. In order to be able to pay for water, which expenses would you reduce

1. Food
2. Clothing
3. Transport
4. School fees
5. Others

For Consumption Slab of 20-30 (Those paying 90+ Rs 6/kl above 20 Kl)

1. If the water authority is improving the availability, quality and quantity of water are you willing pay something

   1. Yes
   2. No

   If yes ……………………….go to (2)

   If No ……………………….go to (6)

2. Are you willing to pay Rs.6.6 per KL?

   Yes----------------------go to (3)

   No----------------------go to (5)

   Do not know ---------go to (5)

3. Are you willing to pay 7.2 per KL?

   Yes----------------------go to (4)

   No----------------------go to (5)

   Do not know ---------go to (5)

4. Are you willing to pay 7.8 per KL?

   1. Yes
   2. No
   3. Don’t know

5. What is the maximum amount your household could afford to pay per month

   1. ----------/KL

   If household mentions any amount go to (7)

   If amount is Zero
6. What are the reasons you deny to pay for reliable water even if the amount per month is very low

1. Cannot afford to pay any amount  
2. Satisfied with traditional source 

3. Govt should provide free water  
4. Others (Specify )

If the amount in (5) is Zero skip (9)

7. If you are not willing to pay money then are you willing to supply your labour for any maintenance works of KWA

1. Yes  
2. No 

8. If Yes how often are you willing to supply your labour(Tick whatever that apply)

1. Daily  
2. Once in a week  
3. Twice in a week 

4. Once in a month  
5. Twice in a month 

9. In order to be able to pay for water, which expenses would you reduce

1. Food  
2. Clothing  
3. Transport 

4. School fees  
5. Others
For Consumption Slab of 30-40 (Those paying 150+ Rs 10/kl above 30 Kl)

1. If the water authority is improving the availability, quality and quantity of water are you willing pay something
   1. Yes ☐ 2. No ☐
   If yes ……………………………go to (2)
   If No ……………………………go to (6)

2. Are you willing to pay Rs.11 per KL?
   Yes------------------------go to (3)
   No------------------------go to (5)
   Do not know ------------go to (5)

3. Are you willing to pay 12 per KL?
   Yes------------------------go to (4)
   No------------------------go to (5)
   Do not know ------------go to (5)

4. Are you willing to pay 13 per KL?
   1. Yes ☐ 2. No ☐ 3. Don’t know ☐

5. What is the maximum amount your household could afford to pay per month
   ………………../KL
   If household mentions any amount go to (7)
   If amount is Zero

6. What are the reasons you deny to pay for reliable water even if the amount per month is very low
   1. Cannot afford to pay any amount ☐ 2. Satisfied with traditional source ☐
   3. Govt should provide free water ☐ 4. Others (Specify) ☐

   If the amount in (5) is Zero skip (9)
7. If you are not willing to pay money then are you willing to supply your labour for any maintenance works of KWA
   1. Yes [ ]  2. No [ ]

8. If Yes how often are you willing to supply your labour (Tick whatever that apply)
   1. Daily [ ]  2. Once in a week [ ]  3. Twice in a week [ ]
   4. Once in a month [ ]  5. Twice in a month [ ]

9. In order to be able to pay for water, which expenses would you reduce
   1. Food [ ]  2. Clothing [ ]  3. Transport [ ]
   4. School fees [ ]  5. Others [ ]

For Consumption Slab of 40-50(Those paying 250+ Rs 14/kl above 40 Kl)
1. If the water authority is improving the availability, quality and quantity of water are you willing pay something
   1. Yes [ ]  2. No [ ]
      If yes ......................... go to (2)
      If No ......................... go to (6)

2. Are you willing to pay Rs.15.4 per KL?
   Yes------------------------ go to (3)
   No------------------------ go to (5)
   Do not know  --------- go to (5)

3. Are you willing to pay 16.8 per KL?
   Yes------------------------ go to (4)
   No------------------------ go to (5)
   Do not know  --------- go to (5)
4. Are you willing to pay 18.2 per KL?
   1. Yes  
   2. No   
   3. Don’t know

5. What is the maximum amount your household could afford to pay per month

   1. Cannot afford to pay any amount
   2. Satisfied with traditional source
   3. Govt should provide free water
   4. Others (Specify)

6. What are the reasons you deny to pay for reliable water even if the amount per month is very low

   1. Cannot afford to pay any amount
   2. Satisfied with traditional source
   3. Govt should provide free water
   4. Others (Specify)

7. If you are not willing to pay money then are you willing to supply your labour for any maintenance works of KWA

   1. Yes
   2. No

8. If Yes how often are you willing to supply your labour (Tick whatever that apply)

   1. Daily
   2. Once in a week
   3. Twice in a week
   4. Once in a month
   5. Twice in a month

9. In order to be able to pay for water, which expenses would you reduce

   1. Food
   2. Clothing
   3. Transport
   4. School fees
   5. Others
For Consumption Slab of Above 50 (Those paying 390+ Rs 25/kl above 50 Kl)

1. If the water authority is improving the availability, quality and quantity of water are you willing pay something
   1. Yes 2. No
   If yes ……………………….go to (2)
   If No ……………………….go to (6)

2. Are you willing to pay Rs.27.5 per KL?
   Yes------------------------go to (3)
   No------------------------go to (5)
   Do not know----------go to (5)

3. Are you willing to pay 30 per KL?
   Yes------------------------go to (4)
   No------------------------go to (5)
   Do not know----------go to (5)

4. Are you willing to pay 32.5 per KL?
   1. Yes  2. No  3. Don’t know

5. What is the maximum amount your household could afford to pay per month
   ----------------/KL
   If household mentions any amount go to (7)
   If amount is Zero

6. What are the reasons you deny to pay for reliable water even if the amount per month is very low
   1. Cannot afford to pay any amount 2. Satisfied with traditional source
   3. Govt should provide free water 4. Others (Specify)
   If the amount in (5) is Zero skip (9)
7. If you are not willing to pay money then are you willing to supply your labour for any maintenance works of KWA
   1. Yes [ ]  2. No [ ]

8. If Yes how often are you willing to supply your labour(Tick whatever that apply)
   1. Daily [ ]  2. Once in a week [ ]  3. Twice in a week [ ]
   4. Once in a month [ ]  5. Twice in a month [ ]

9. In order to be able to pay for water, which expenses would you reduce
   1. Food [ ]  2. Clothing [ ]  3. Transport [ ]
   4. School fees [ ]  5. Others [ ]
APPENDIX 2

The domestic water rates charged by the Water Authority from 01-09-2008

<table>
<thead>
<tr>
<th>Kilolitre</th>
<th>New rate</th>
<th>Kilolitre</th>
<th>New rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>22</td>
<td>53</td>
<td>467</td>
</tr>
<tr>
<td>6</td>
<td>26</td>
<td>54</td>
<td>492</td>
</tr>
<tr>
<td>7</td>
<td>30</td>
<td>55</td>
<td>517</td>
</tr>
<tr>
<td>8</td>
<td>34</td>
<td>56</td>
<td>542</td>
</tr>
<tr>
<td>9</td>
<td>38</td>
<td>57</td>
<td>567</td>
</tr>
<tr>
<td>10</td>
<td>42</td>
<td>58</td>
<td>592</td>
</tr>
<tr>
<td>11</td>
<td>47</td>
<td>59</td>
<td>617</td>
</tr>
<tr>
<td>12</td>
<td>52</td>
<td>60</td>
<td>642</td>
</tr>
<tr>
<td>13</td>
<td>57</td>
<td>61</td>
<td>667</td>
</tr>
<tr>
<td>14</td>
<td>62</td>
<td>62</td>
<td>692</td>
</tr>
<tr>
<td>15</td>
<td>67</td>
<td>63</td>
<td>717</td>
</tr>
<tr>
<td>16</td>
<td>72</td>
<td>64</td>
<td>742</td>
</tr>
<tr>
<td>17</td>
<td>77</td>
<td>65</td>
<td>767</td>
</tr>
<tr>
<td>18</td>
<td>82</td>
<td>66</td>
<td>792</td>
</tr>
<tr>
<td>19</td>
<td>87</td>
<td>67</td>
<td>817</td>
</tr>
<tr>
<td>20</td>
<td>92</td>
<td>68</td>
<td>842</td>
</tr>
<tr>
<td>21</td>
<td>98</td>
<td>69</td>
<td>867</td>
</tr>
<tr>
<td>22</td>
<td>104</td>
<td>70</td>
<td>892</td>
</tr>
<tr>
<td>23</td>
<td>110</td>
<td>71</td>
<td>917</td>
</tr>
<tr>
<td>24</td>
<td>116</td>
<td>72</td>
<td>942</td>
</tr>
<tr>
<td>25</td>
<td>122</td>
<td>73</td>
<td>967</td>
</tr>
<tr>
<td>26</td>
<td>128</td>
<td>74</td>
<td>992</td>
</tr>
<tr>
<td>27</td>
<td>134</td>
<td>75</td>
<td>1017</td>
</tr>
<tr>
<td>28</td>
<td>140</td>
<td>76</td>
<td>1042</td>
</tr>
<tr>
<td>29</td>
<td>146</td>
<td>77</td>
<td>1067</td>
</tr>
<tr>
<td>30</td>
<td>152</td>
<td>78</td>
<td>1092</td>
</tr>
<tr>
<td>31</td>
<td>162</td>
<td>79</td>
<td>1117</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>32</td>
<td>172</td>
<td>80</td>
<td>1142</td>
</tr>
<tr>
<td>33</td>
<td>182</td>
<td>81</td>
<td>1167</td>
</tr>
<tr>
<td>34</td>
<td>192</td>
<td>82</td>
<td>1192</td>
</tr>
<tr>
<td>35</td>
<td>202</td>
<td>83</td>
<td>1217</td>
</tr>
<tr>
<td>36</td>
<td>212</td>
<td>84</td>
<td>1242</td>
</tr>
<tr>
<td>37</td>
<td>222</td>
<td>85</td>
<td>1267</td>
</tr>
<tr>
<td>38</td>
<td>232</td>
<td>86</td>
<td>1292</td>
</tr>
<tr>
<td>39</td>
<td>242</td>
<td>87</td>
<td>1317</td>
</tr>
<tr>
<td>40</td>
<td>252</td>
<td>88</td>
<td>1342</td>
</tr>
<tr>
<td>41</td>
<td>266</td>
<td>89</td>
<td>1367</td>
</tr>
<tr>
<td>42</td>
<td>280</td>
<td>90</td>
<td>1392</td>
</tr>
<tr>
<td>43</td>
<td>294</td>
<td>91</td>
<td>1417</td>
</tr>
<tr>
<td>44</td>
<td>308</td>
<td>92</td>
<td>1442</td>
</tr>
<tr>
<td>45</td>
<td>322</td>
<td>93</td>
<td>1467</td>
</tr>
<tr>
<td>46</td>
<td>336</td>
<td>94</td>
<td>1492</td>
</tr>
<tr>
<td>47</td>
<td>350</td>
<td>95</td>
<td>1517</td>
</tr>
<tr>
<td>48</td>
<td>364</td>
<td>96</td>
<td>1542</td>
</tr>
<tr>
<td>49</td>
<td>378</td>
<td>97</td>
<td>1567</td>
</tr>
<tr>
<td>50</td>
<td>392</td>
<td>98</td>
<td>1592</td>
</tr>
<tr>
<td>51</td>
<td>417</td>
<td>99</td>
<td>1617</td>
</tr>
<tr>
<td>52</td>
<td>442</td>
<td>100</td>
<td>1642</td>
</tr>
</tbody>
</table>

Source: Kerala Water Authority.
Appendix -3

The current tariff fixed by the government as on 25-09-2014

<table>
<thead>
<tr>
<th>Category and consumption level per month</th>
<th>Tariff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>DOMESTIC</td>
<td></td>
</tr>
<tr>
<td>Upto 5000 litres</td>
<td>Nil</td>
</tr>
<tr>
<td>5000 to 10000 litres</td>
<td>Nil</td>
</tr>
<tr>
<td>10000 to 15000 litres</td>
<td>Nil</td>
</tr>
<tr>
<td>15000 to 20000 litres</td>
<td>Nil</td>
</tr>
<tr>
<td>20000 to 25000 litres</td>
<td>Nil</td>
</tr>
<tr>
<td>25000 to 30000 litres</td>
<td>Nil</td>
</tr>
<tr>
<td>30000 to 40000 litres</td>
<td>Nil</td>
</tr>
<tr>
<td>40000 to 50000 litres</td>
<td>Nil</td>
</tr>
<tr>
<td>above 50000 litres</td>
<td>Nil</td>
</tr>
</tbody>
</table>

(a) No water charges will be collected from BPL families who consume up to 15,000 litres per month.
(b) For flats fixed charges will be @ Rs.50/- per dwelling unit

Source: Water Resources (Water Supply - B) Department, Government of Kerala