

Social Study on Water Users Association in Senegal

Site ID: _____ Village ID: _____ Household ID: _____

Questionnaire for the Households

SECTION A: SITE INFORMATION		
A1. Date of Survey (day / month / year) / / 2009	Name of Interviewer	
A2. Water Supply Management Style	ASUFOR [Site Name:]	1
	Comite de Gestion(Management Committee) [Site Name:]	2
	No management group [Site Name:]	3
	Other (Specify _____) [Site Name:]	4
A3. Name of Village		
A4. Center village or Satellite village	Center	1
	Village Polarized Connects	2
	Village Polarized Non-Connects	3
A5. Name of Region		
A6. Name of District		
A7. Name of Department		
A8. Sex	Female	1
	Male	0
A9. Occupation		
A10. Position at his/her household	Household Head	1
	Spouse of the household head	2

SECTION B: INFORMATION ABOUT THE RESPONDENT AND HOUSEHOLD		
B1. Age	10-19 years	1
	20-29 years	2
	30-39 years	3
	40-49 years	4
	50-59 years	5
	60-69 years	6
	70 years and over	7
B2. Please indicate the number of people living together in your household.	No. of male infants (under 5 year)	
	No. of female infants (under 5years)	
	No. of school-age boys (5-17 years)	
	No. of school-age girls (5-17 years)	

Social Study on Water Users Association in Senegal

	No. of male adults (18 years and above) No. of female adults (18 years and above)	
B3. How many years have you attended French school?	years	
B4. How many years have you attended Koranic School?	years	
B5. Can you read and write in French?	Yes	1
	No	0
B6. Can you read and write in your local language?	Yes	1
	No	0
B7. What is your ethnicity?	Wolof	1
	Soninke	2
	Seereer	3
	Fulani	4
	Maninka	5
	Diola	6
	Other (Specify _____)	7
B8. What is your religion?	Muslim	1
	Christianity	2
	Traditional religion	3
	Other (Specify _____)	4
	No religion	5
B9. Membership in organization	Water Users Group	1
	Community Development Group	2
	Women's group	3
	Youth group	4
	Agriculture promotion group	5
	Religious group	6
	Other (specify _____)	7
	No membership in any organization	8

SECTION C: ECONOMIC STATUS OF THE SAMPLE HOUSEHOLD			
C1. What are the main sources of income for your household?	Agriculture	1	Primary
	Livestock raring	2	
	Retail	3	
Please indicate primary and secondary source of income,	Self-employed	4	
	Casual work	5	

respectively.	Salary (permanent employment)	6	Secondary
	Pension	7	
	Remittance from family member working elsewhere	8	
	Other (specify _____)		
	Not applicable (only one income source)		
C2. Please indicate the month that your household has income. (Please circle the month with income from any source)	1	7	
	2	8	
	3	9	
	4	10	
	5	11	
	6	12	
C3. How much is the average monthly expenditure of your household?	_____ /Month		

SECTION D: PRESENT WATER SUPPLY AND USE

D1. What types of water sources does your household use for the purposes of 1)drinking, 2)cooking, 3)washing clothes, 4)washing hands 5)livestock? Please choose two main sources most frequently used.

Types of water sources	D1.1	D1.2	D1.3	D1.4	D1.5
	Drinking Water	Cooking	Washing Clothes	Washing Hands	Livestock
1. ASUFOR Water private					
2. ASUFOR Water public					
3. Hand pump water					
4. Unprotected spring					
5. Protected shallow well					
6. Unprotected shallow well					
7. Lake, stream/rivers, pond					
8. Rain water					
9. Water vender					

10. Abrevoir (drinker)					
11. Other (Specify _____)					

SECTION E: WATER SUPPLY INSTITUTION AND PEOPLE.

E1. How much do you think people in your community actually contribute to keeping the water system running?	Very much	5
	Much	4
	Fair	3
	Not really	2
	Not at all	1
Don't know or refused to answer		777
E2. Please give me one concrete episode of people contributing/not contributing to water supply system running.		
E3. How much do you actually contribute to keeping the water system running?	Very much	5
	Much	4
	Fair	3
	Not really	2
	Not at all	1
E4. Please give me one concrete episode of your contribution to water supply running?		
E5. Have you had in your community general meetings where all the members are invited to discuss specifically on the water system for the community?	Yes	1
	No	0
	Don't know	777
E6. If you have had the general meetings in your community and it has been organized annually, how many times did you attend out of all the meetings already held? If the general meetings are held irregularly, how many meetings did you attend out of all the meetings organized in the past three months.	Annual _____ times out of _____ times	1
	Irregular _____ times out of _____ times	2
	Not Applicable	999
E7. If you had difficulty in attending the general meeting, please choose the nature of difficulty (multiple answers allowed)	Distance to the meeting location	1
	Did not hear the announcement of the meeting	2
	Others (Specify _____)	3
	Not Applicable	999

Social Study on Water Users Association in Senegal

E8. Please give me your monthly expenditure for the water on average. If actual figure is difficult, please give me your best estimate.	_____ CAF Franc.	
E9. How much water does your household consume for drinking and other domestic uses (cooking, washing cloths, and bathing) per day?	_____ Litre/Day _____ litre container per one unit x =	
E10. Please give me your best estimate of the percentage of your usual payment for the water vis-a-vis the amount you are supposed to pay without delay.	100%-80%	6
	80%-61%	5
	60%-41%	4
	40%-21%	3
	20%-1%	2
	0%	1
	Don't know or refused to answer Not Applicable	777 999
E11. If your answer to E10 is between 1 and 5, why does your household not pay fully for the water ? (Multiple answers allowed)	Unable to afford to pay	1
	No system to collect money	2
	Other (specify _____)	3
	Not Applicable	999
E12. How many times did you pay late in the past 12 months?	_____ times out of _____ times of payment schedule	
	Don't know or refused to answer	777
	Not Applicable	999
E13. Let's suppose that you do not pay your water fee. Do you think it may negatively affect other users in the community?	Yes	1
	No	0
	Don't know or refused to answer	777
	Not Applicable	999
E14. Why do you think yes/no in the previous question?		
E15. If you do not pay for the water, do you expect much pressure from people in your community to pay?	So much pressure	5
	Much pressure	4
	Fair amount of pressure	3
	No pressure	2
	No pressure at all	1
	Don't know or refused to answer Not Applicable	777 999
E16. How much are you willing to pay for the water with the current level of service.	Much willing	5
	Willing	4
	Neutral	3
	Not willing	2
	Not willing at all	1

Social Study on Water Users Association in Senegal

	Don't know or refused to answer Not Applicable	777 999
E17. How much do you think people in your community are willing to pay for the water with the current level of service	Much willing	5
	Willing	4
	Neutral	3
	Not willing	2
	Not willing at all Not Applicable	1 999
E18. How do you consider the price you pay currently?	Very high	5
	High	4
	Fair	3
	Low	2
	Very low	1
	Not Applicable	999
E19. For which purpose do you think your payment for water is used (multiple answers allowed)	Maintenance/repair of facility	1
	Salary of operator	2
	Purchase of fuel/electricity	3
	Other (specify _____)	4
E20. How much are you willing to pay for the maintenance, management, and operation of the water supply system?	Very much	5
	much	4
	fair	3
	not really	2
	not at all	1
	Don't know or refused to answer Not Applicable	777 999
E21. How much are you willing to pay now to prepare for the possible breakdown of the water supply facility one year later?	Very much	5
	much	4
	fair	3
	not really	2
	not at all Not Applicable	1 999
E22. How much satisfied are you with the current level of the water supply service?	Much satisfied	5
	Satisfied	4
	Average	3
	Not satisfied	2
	Not satisfied at all	1
	Don't know or refused to answer Not Applicable	777 999
E23. Please give me the reason of the level of your satisfaction with the water supply service.	Price	1
	Distance from your household	2

Social Study on Water Users Association in Senegal

(multiple answers allowed)	Being spared from labor of fetching water	3
	Quality of the water	4
	Facility reliability/unreliability	5
E24. How much do you think people in your community are satisfied with the current level of the water supply service?	Much satisfied	5
	Satisfied	4
	Average	3
	Not satisfied	2
	Not satisfied at all	1
	Don't know or refused to answer	777
E25. How do you find the quality of the water you purchase from the water supply system?	Very good	5
	Good	4
	Fair	3
	Bad	2
	Very bad	1
	Don't know or refused to answer	777
E26. If your answer to Question E25 is "2(Bad)" or "1(Very Bad)", what are main reasons of your perception. (Multiple answers allowed)	Water is salty	1
	Water is rusty	2
	Water is muddy/dirty	3
	Water smells bad	4
	Other (specify _____)	5
	Not Applicable	999
E27. How important do you think is shared responsible for keeping the water supply system operational?	Very important	5
	Important	4
	Fairly important	3
	Not important	2
	Not important at all	1
	Don't know or refused to answer	777
E28. If you do not contribute to the maintenance of the water supply system, do you expect much pressure from people in your community?	So much pressure	5
	Much pressure	4
	Fair amount of pressure	3
	No pressure	2
	No pressure at all	1
	Don't know or refused to answer	777
E29. How much do you think the idea of shared responsibility for keeping the water supply system operational broadly accepted by people	Very much accepted	5
	Much accepted	4
	Fairly accepted	3

Social Study on Water Users Association in Senegal

in your community?	Not accepted	2
	Not accepted at all	1
	Don't know or refused to answer	777
	Not Applicable	999
E30. Who should be most responsible for the daily maintenance of the water supply system?	Government	1
	Community leaders	2
	Community people	3
	Others (specify _____)	4
	Don't know or refused to answer	5
E31. How much confidence do you have in the water supply system?	Very much confidence	5
	Much confidence	4
	Neutral	3
	No confidence	2
	No confidence at all	1
E32. Please give me the factors that determine the level of your confidence in the water supply system (multiple answers allowed).	Reliability/unreliability of the facility	1
	Water quality	2
	Management effectiveness	3
	Other users' payment	4
	Other users' contribution to management	5
	Other (specify _____)	6
E33. How much confidence do you think people in your community have in the water supply system?	Very much confidence	5
	Much confidence	4
	Neutral	3
	No confidence	2
E34. How much confidence do you have in the management group of the water supply system?	Very much confidence	5
	Much confidence	4
	Neutral	3
	No confidence	2
E35. Please give me the reason for the level of your confidence in the management of the water supply system. (multiple answers allowed)	Management of funds	1
	Reliability of water facility	2
	Water quality	3
	Characteristics of the people in the management	4
E36. How much confidence do you think people in your community have in the management	Other (specify _____)	5
	Don't know or refused to answer	777
	Not Applicable	999
	Very much confidence	5
	Much confidence	4

group of the water supply system?	Neutral	3
	No confidence	2
	No confident at all	1
	Don't know or refused to answer	777
	Not Applicable	999
E37. How transparent do you think the management group is about the management of fund?	Much transparent	1
	Transparent	2
	Fairly transparent	3
	Not transparent	4
	Not transparent at all	5
	Don't know or refused to answer	777
E38. How fair do you think the management group is in distributing water and enforcing rules?	Perfectly fair	1
	Much fair	2
	Fair	3
	Not fair	4
	Not fair at all	5
	Don't know or refused to answer	777
E39. How do you find other users of the water system paying the due fee? Please give me your best estimate.	Every user pays fully	5
	Many users pay fully	4
	Some users pay fully	3
	Some users do not pay at all	2
	No users pay at all	1
	Don't know or refused to answer	777
E40. How do you come to have the sense of the previous answer?		
E41. How do you expect other users of the water system will pay the due fee in the future?	Every user will pay fully	5
	Many users will pay fully	4
	Some users will pay fully	3
	Some users will not pay at all	2
	No users will pay at all	1
	Don't know or refused to answer	777
E42. How do you come to have the sense of the previous answer?		

SECTION F. WATER AND LIFE

F1. How much do you prefer water from	Very much	5
---------------------------------------	-----------	---

ASUFOR/Hand pump borehole to other water sources for drinking and cooking?	Much	4
	Fair	3
	Not really	2
	Not at all	1
	Don't know or refused to answer	777
F2. How much do you think people in your community would prefer water from ASUFOR/Hand pump borehole to other water sources?	Very much	5
	Much	4
	Fair	3
	Not really	2
	Not at all	1
	Don't know or refused to answer	777
F3. What do you do to make the water safe to drink? (multiple choices allowed)	Apply treatment	1
	Use filter	2
	Boil water	3
	Other (specify _____)	4
	Do not do anything to make water safe	5
	Not necessary as it is already safe	6
F4 Please choose the reason of your using the water supply system (ASUFOR or Hand pump), rather than alternative sources mentioned in SECTION D (multiple answers allowed).	Water quantity limitation of alternative sources	1
	Water quality of alternative sources	2
	Distance from your house of alternative sources	3
	Labor required in using alternative sources	4
	Other (specify _____)	5
	Not Applicable	999

SECTION G WATER AND COMMUNITY

G1. Please name the most influential person who would affect the whole water supply system in your community. This influence can be for either having the water supply system or not having it.	Name _____	
	Position _____	
	Organization/group _____	
G2. How much do you trust the person you mentioned in G1?	Trust much	5
	Trust	4
	Neutral	3
	Not trust	2
	Not trust at all	1
	Don't know or refused to answer	777
G3. Why do you (or do not) trust the person of	Not applicable	999

Social Study on Water Users Association in Senegal

G1?		
G4. How much do you think the influential person mentioned in G1 support the water supply system?	Much supportive	5
	Supportive	4
	Neutral	3
	Not supportive	2
	Not supportive at all	1
	Don't know or refused to answer	777
	Not applicable	999
G5. How much do you think the influential person mentioned in G1 support the idea of benefit of cooperation for water supply?	Much supportive	5
	Supportive	4
	Neutral	3
	Not supportive	2
	Not supportive at all	1
	Don't know or refused to answer	777
	Not applicable	999
G6. Please give me your best estimate of the expectation of the influential person mentioned in G1 regarding the other users payment in the future.	Every user will pay fully	5
	Many users will pay fully	4
	Some users will pay fully	3
	Some users will not pay at all.	2
	No user will pay at all	1
	Don't know or refused to answer	777
	Not applicable	999
G7. Please give me your best estimate of the confidence that the influential person mentioned in G1 have in water management group.	Very much confidence	5
	Much confidence	4
	Fair	3
	No confidence	2
	No confident at all	1
	Don't know or refused to answer	777
	Not applicable	999
G8. How much do you think the influential person mentioned in G1 would encourage people's participation/contribution to management of water supply?	Very much encouraging	5
	Much encouraging	4
	Encouraging	3
	Not encouraging at all	2
	Discouraging	1
	Don't know or refused to answer	777
	Not applicable	999
G9. Please give me your best estimate of how much people actually help one another in your community.	Very much	5
	Much	4
	Fair	3
	Little	2

Social Study on Water Users Association in Senegal

	Not at all	1
	Don't know or refused to answer	777
	Not applicable	999
G10. How much do you support the idea of benefit of cooperation for water supply?	Very much	5
	Much	4
	Fair	3
	Little	2
	Not at all	1
	Don't know or refused to answer	777
	Not applicable	999
G11. How much do you think people in your community support the idea of benefit of cooperation for water supply?	Very much	5
	Much	4
	Fair	3
	Little	2
	Not at all	1
	Don't know or refused to answer	777
	Not applicable	999
G12. If your answer to G11 is 2(little) or 1(not at all), in what category of group do you think people would help one another? Choose all the applicable groups.	Household	1
	Kare	2
	Kinship group	3
	Ethnic group	4
	Others (specify _____)	5
	Not Applicable	999
G13. Please give me a typical example of people helping one another in your community?		
G14. Please give me a typical example of people not helping one another in your community?		
G15. Did you have any learning opportunities about benefits of people contributing to management of water system?	Yes	1
	No	0
G16 If yes, how much were they relevant for you to contribute to maintenance the water supply system?	Much relevant	5
	Relevant	4
	Somewhat relevant	3
	Not relevant	2
	Not relevant at all	1
	Don't know or refused to answer	777
	Not Applicable	999
G17. If you had learning opportunities of people to contributing to management, what did you learn? Please list up as many as items you can	1 _____	
	2 _____	
	3 _____	

Social Study on Water Users Association in Senegal

recall up to three items.		
---------------------------	--	--