

Codebook for the 2013 Water Committee Interview (Follow-up Study)

**Impact Evaluation of the Mozambique Rural Water Supply Activity Under a
Cooperative Agreement between MCC and Stanford University**

March 3, 2014

Prepared by Virginia Tech and Stanford University



Contents

A. INTERVIEW INFORMATION Questions A.1 – A.5	3
B. COMMUNITY INFORMATION Questions B.1 – B.5	4
1. WC: INFORMATION ABOUT WATER COMMITTEE MEMBERS Questions 1.1 – 1.9.....	5
2. WATER USERS Questions 2.1 – 2.7	14
3. HISTORY OF WATER SYSTEM(S) Questions 3.01 – 3.11b.....	16
4. WATER SYSTEM OPERATION Questions 4.01 – 4.12a.....	19
5. WC: HISTORY AND RESPONSIBILITIES OF WATER COMMITTEE Questions 5.01 – 5.09.....	22
6. INCOME AND EXPENSES Questions 6.01 – 6.07c	24
7. PRICING Questions 7.01 – 7.06.....	26
8. WC: TRAINING AND EXTERNAL SUPPORT Questions 8.01 – 8.06a.....	27
9. WC: PERCEPTIONS OF SUSTAINABILITY AND CONFLICT Questions 9.01 – 9.15.....	28

A. INTERVIEW INFORMATION Questions A.1 – A.5

Name	Type	Values	Description
A.1Date	Character	Written	Date in day/month format *** All occurred in 2013
A.2_Completed	Numeric	1 – Complete 2 – Incomplete	Final results of the interview
A.3_Community_Code	Character		Community code
A.4_District	Character		District
A.5_Interviewer	Character	Written	Interviewer

B. COMMUNITY INFORMATION Questions B.1 – B.5

Name	Type	Values	Description
B.1_HHs_in_comm	Numeric		About how many households and/or people live in this community? ***Encourage respondent to estimate. "Don't know" = 9999 Households:_____
B.1_People_in_comm	Numeric		About how many households and/or people live in this community? ***Encourage respondent to estimate. "Don't know" = 9999 People:_____
B.2A_Primary_school_in_comm	Numeric	1 – Yes 2 – No	Primary school located in community?
B.2A_Primary_School_km	Numeric		If not, how far away is it from the community in kilometers (km)?
B.2B_Second_school_in_comm	Numeric	1 – Yes 2 – No	Secondary school located in community?
B.2A_Second_School_km	Numeric		If not, how far away is it from the community in kilometers (km)?
B.2C_Health_cntr_in_comm	Numeric	1 – Yes 2 – No	Health center located in community?
B.2C_Health_cntr_km	Numeric		If not, how far away is it from the community in kilometers (km)?
B.2D_Market_in_comm	Numeric	1 – Yes 2 – No	Market located in community?
B.2D_Market_km	Numeric		If not, how far away is it from the community in kilometers (km)?
B.2F_Paved_rd_in_comm	Numeric	1 – Yes 2 – No	Paved road market located in community?
B.2F_Paved_rd_km	Numeric		If not, how far away is it from the community in kilometers (km)?
B.3_Other_projects	Numeric	1 – Yes 2 – No	Other than the water project, have there been any other types of development projects in your community in the last two years?
B.3A1_Other_projects_type	Character		Type of project
B.3A2_Other_projects_who	Character		Who benefitted
B.3B1_Other_projects_type	Character		Type of project
B.3B2_Other_projects_who	Character		Who benefitted
B.3_MCA_HP_number	Numeric		In your community, how many handpumps were installed by the MCA?
B.4A_Num_HPs_total	Numeric		Number of handpumps
B.4A_Num_HP_operational	Numeric		Handpumps operational
B.4A_Num_HPs_broken	Numeric		Handpumps broken
B.4B_Total_Num_Wells_Prot	Numeric		Number of protected wells
B.4B_Num_Wells_Prot_operating	Numeric		Protected wells operational
B.4B_Num_Wells_Prot_broken	Numeric		Protected wells broken
B.4C_Total_Num_Wells_unprot	Numeric		Number of unprotected wells
B.4C_Num_Wells_unprot_operating	Numeric		Unprotected wells operational
B.4C_Num_Wells_unprot_broken	Numeric		Unprotected wells broken
B.4_Num_Rivers	Numeric		Number of rivers or streams

1. WC: INFORMATION ABOUT WATER COMMITTEE MEMBERS Questions 1.1 – 1.9

Name	Type	Values	Description
1.1_A_Name	Character		First Name
1.2_A_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.2A_A_WC_President_Present	Numeric	1 – Yes 2 – No	Is s/he present at this meeting?
1.3_A_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_A_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_A_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_A_Age	Numeric		Age in years
1.6_A_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_A_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_A_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_A_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_A_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_B_Name	Character		First Name
1.2_B_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M	Position

Name	Type	Values	Description
		7 – General Member	
1.3_B_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_B_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_B_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_B_Age	Numeric		Age in years
1.6_B_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_B_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_B_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_B_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_B_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_C_Name	Character		First Name
1.2_C_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_C_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_C_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_C_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_C_Age	Numeric		Age in years
1.6_C_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.)	How was s/he chosen for the committee?

Name	Type	Values	Description
		9 – DK/No ans.	
1.7_C_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_C_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_C_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_C_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_D_Name	Character		First Name
1.2_D_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_D_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_D_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_D_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_D_Age	Numeric		Age in years
1.6_D_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_D_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_D_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_D_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_D_Hours_unit	Numeric	1 – Day	Unit for number of hours worked by the WC member

Name	Type	Values	Description
		2 – Week 3 – Month	
1.1_E_Name	Character		First Name
1.2_E_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_E_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_E_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_E_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_E_Age	Numeric		Age in years
1.6_E_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_E_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_E_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_E_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_E_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_F_Name	Character		First Name
1.2_F_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_F_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?

Name	Type	Values	Description
1.3A_F_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_F_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_F_Age	Numeric		Age in years
1.6_F_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_F_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_F_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_F_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_F_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_G_Name	Character		First Name
1.2_G_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_G_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_G_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_G_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_G_Age	Numeric		Age in years
1.6_G_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_G_Prev_Exp.	Numeric	1 – Yes 2 – No	Does s/he have previous experience in water and/or sanitation?

Name	Type	Values	Description
		9 – DK/No ans.	
1.8_G_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_G_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_G_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_H_Name	Character		First Name
1.2_H_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_H_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_H_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_H_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_H_Age	Numeric		Age in years
1.6_H_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_H_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_H_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_H_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_H_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_I_Name	Character		First Name

Name	Type	Values	Description
1.2_I_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_I_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_I_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_I_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_I_Age	Numeric		Age in years
1.6_I_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_I_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_I_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_I_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_I_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_J_Name	Character		First Name
1.2_J_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_J_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_J_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_J_Gender	Numeric	1 – Male 2 – Female	Gender

Name	Type	Values	Description
1.5_J_Age	Numeric		Age in years
1.6_J_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_J_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_J_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_J_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_J_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_K_Name	Character		First Name
1.2_K_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_K_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_K_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_K_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_K_Age	Numeric		Age in years
1.6_K_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_K_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_K_Compensation	Character	1 – No, none 2 – Cash	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.

Name	Type	Values	Description
		3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	
1.9_K_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_K_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member
1.1_L_Name	Character		First Name
1.2_L_Position	Numeric	1 – President 2 – Secretary 3 – Treasurer 4 – Supervisor 5 – Member Hygiene and San 6 – Member of O & M 7 – General Member	Position
1.3_L_Original_WC_Member	Numeric	1 – Yes 2 – No	Has s/he been a WC member since it was created?
1.3A_L_How_Long_WC_Member	Numeric		If NO, how long has s/he been a WC member in months?
1.4_L_Gender	Numeric	1 – Male 2 – Female	Gender
1.5_L_Age	Numeric		Age in years
1.6_L_How_Chosen	Numeric	1 – Volunteered 2 – WC elected 3 – Comm. elect. 4 – Leader appt'd 5 – Other (spec.) 9 – DK/No ans.	How was s/he chosen for the committee?
1.7_L_Prev_Exp.	Numeric	1 – Yes 2 – No 9 – DK/No ans.	Does s/he have previous experience in water and/or sanitation?
1.8_L_Compensation	Character	1 – No, none 2 – Cash 3 – Per diem 4 – Other (spec.) 9 – DK/No ans.	Does s/he receive any compensation for service, whether in cash, in kind, per diems, etc.? Click all that apply.
1.9_L_Hours	Numeric		About how many HOURS on average would you say you spend on your water committee duties per week or month? ONE ANSWER ONLY. DK = 99
1.9_L_Hours_unit	Numeric	1 – Day 2 – Week 3 – Month	Unit for number of hours worked by the WC member

2. WATER USERS Questions 2.1 – 2.7

Name	Type	Values	Description
2.1_Dry_users_people	Numeric		In total, about how many people use the water system during the dry season?
2.1_Dry_users_hh	Numeric		In total, about how many households use the water system during the dry season?
2.1_Wet_users_people	Numeric		In total, about how many people use the water system during the wet season?
2.1_Wet_users_hh	Numeric		In total, about how many households use the water system during the wet season?
2.1A_Answer_from	Numeric	1 – Written register 2 – Verbal estimate	Surveyor: How was the value obtained?
2.2_Records_mnth	Numeric	1 – Yes, and they are available 2 – Yes, but they are not available 3 – No	Do you keep records of the AMOUNT (cubic meters) of water supplied by the system each month since the PIPED WATER SYSTEM began functioning?
2.3_Users_live_in_comm_dry	Numeric	1 – All/almost all 2 – Most (2/3 - 3/4) 3 – About half 4 – Less than half (1/4 – 1/3) 5 – Very few / None 9 – Don't know / No response	What SHARE of the people who use the water system in the DRY season live in this community(versus travel from other communities)? ***Help committee members estimate if necessary. Enter response for dry and wet season.
2.3_Users_live_in_comm_wet	Numeric	1 – All/almost all 2 – Most (2/3 - 3/4) 3 – About half 4 – Less than half (1/4 – 1/3) 5 – Very few / None 9 – Don't know / No response	What SHARE of the people who use the water system in the WET season live in this community(versus travel from other communities)? ***Help committee members estimate if necessary. Enter response for dry and wet season.
2.4_Why_not_use_Hp	Numeric	1 – Distance or difficult terrain 2 – Households can't afford to pay 3 – Households are not allowed to use the water system 4 – Households prefer other sources 5 – Households have their own source at home 6 – Other (specify) 9 – Don't know/ No response	Thinking about the households living in this community that do not obtain water from the water system, what would you say are the MAIN reasons that they do not use the water system? (***Do NOT prompt. Tick all answers mentioned.)
2.5_Why_unpermitted	Numeric	1 – They did not contribute to the project 2 – Because of their political affiliation 3 – They live outside the community 4 – Other (specify)	***If “Households are not allowed to use the water system” is selected in 2.4, ask: Why are some households not allowed to use the water system? (***Do NOT prompt. Tick all answers mentioned.)
2.6_Politics_no_use	Numeric	1 – Yes 2 – Somewhat 3 – No 9 – Don't know / No response	In your opinion, does a household's political affiliation (Fremlimo or Renamo) determine whether it uses the water system?
2.7A_num_latrines	Numeric		How many latrines were constructed since the handpump project began?
2.7A_latrines_answer_from		1 – Written register 2 – Verbal estimate	Surveyor: How was the value obtained?

Name	Type	Values	Description
2.7B_copos_num	Numeric		How many dish drying racks were constructed since the handpump project began?
2.7B_copos__answer_from		1 – Written register 2 – Verbal estimate	Surveyor: How was the value obtained?
2.7C_num_tippy_tap	Numeric		How many tippy taps were constructed since the handpump project began?
2.7C_tippy_tap_answer_from		1 – Written register 2 – Verbal estimate	Surveyor: How was the value obtained?

3. HISTORY OF WATER SYSTEM(S) Questions 3.01 – 3.11b

Name	Type	Values	Description
3.01_Proj_Initiator	Numeric	1 – Government agency 2 – Donor agency (e.g., MCC/MCA) 3 – An NGO/Cowater 4 – Community leaders 5 – Water committee members 6 – Community members generally 7 – Other (specify): _____	WHO was it that INITIATED the project that installed your water system(s)? (***Do NOT prompt.)
3.02_Know_Before	Numeric	1 – Yes, most/all knew about project in advance 2 – No, most/all households were not aware 9 – Don't know / Not sure	Do you think that most community members knew that a water system would be installed before construction began?
3.03_Num_Meetings	Numeric	Number of meetings before construction: ____, OR Don't know (If zero, skip to 7.04)	About how many MEETINGS were held in this community to discuss this project BEFORE construction started?
3.03A_Female_Attendance	Numeric	1 – Most of the people present were women 2 – Some of the people present were women 3 – There were few / no women	Which of the following would you say most accurately describes WOMEN'S attendance at these meetings?
3.03B_Female_Participation	Numeric	1 – Women participated less than men 2 – Women participated more than men 3 – Women and men participated equally 9 – Don't know / Not sure	To the best of your knowledge, did women who attended the meetings participate less activity than the men, more actively than men, or about the same as the men in discussions and decision making, or did they participate more or less than the men?
3.04_Most_Influence	Numeric	1 – Water committee members 2 – Other community leaders 3 – Project staff (engineers, animators) 4 – All community members 5 – Other (specify): _____	OVERALL, who do you think had the MOST INFLUENCE over decisions related to the planning, construction, and management of the water system? ***DO NOT PROMPT. One response only.
3.05A_Influence_tech	Numeric	1 – Water committee 2 – Community leaders 3 – Project staff 4 – Community members 5 – Other (specify)	In your opinion, who had the MOST INFLUENCE over the type of technology selected? ***READ OUT each decision and mark response.
3.05B_influence_location	Numeric	1 – Water committee 2 – Community leaders 3 – Project staff 4 – Community members 5 – Other (specify)	In your opinion, who had the MOST INFLUENCE over where to locate the standpipes? ***READ OUT each decision and mark response.
3.05C_Influence_price	Numeric	1 – Water committee 2 – Community leaders 3 – Project staff 4 – Community members 5 – Other (specify)	In your opinion, who had the MOST INFLUENCE over the price charged for water? ***READ OUT each decision and mark response.

Name	Type	Values	Description
3.05D_influence_rules	Numeric	1 – Water committee 2 – Community leaders 3 – Project staff 4 – Community members 5 – Other (specify)	In your opinion, who had the MOST INFLUENCE over the rules about access to the water system? ***READ OUT each decision and mark response.
3.05E_Influence_hours	Numeric	1 – Water committee 2 – Community leaders 3 – Project staff 4 – Community members 5 – Other (specify)	In your opinion, who had the MOST INFLUENCE over the hours that the water system is open? ***READ OUT each decision and mark response.
3.06_Type_contribution	Numeric	1 – Labor 2 – Land 3 – Materials 4 – Meals 5 – Other: _____ 6 – None	Which of the following did families and/or village leaders contribute toward the construction of the water system(s)? (***READ EACH item and tick all mentioned.)
3.07_Total_comm_contribution	Numeric	Total cost contributions: MZN: ____ OR 9 – Don't know / Don't remember	How much cash did the community contribute IN TOTAL to the construction of the water system?
3.08_hh_contribution	Numeric	Contribution per household: MZN: _____ OR 9 – Don't know / Don't remember	What was the TYPICAL CASH CONTRIBUTION made PER HOUSEHOLD toward construction of the water system?
3.09_num_hh_contributed	Numeric	_____ Households (None = 0; Don't know = 999) 1 – From written records 2 – Respondents' memory	How many households made a CASH contribution?
3.09_Where_number_obtained		1 – Written register 2 – Verbal response 9 – Don't know / Don't remember	***Where was this value obtained?
3.10_Difficulty_contributions	Numeric	1 – Not difficult at all (skip to 3.11) 2 – Somewhat difficult (Continue) 3 – Very difficult (Continue) 9 – Don't know / no response (skip to 3.11)	How difficult would you say it was to get households to make the CASH contributions toward the water system?
3.10A_Why_contributions_diff	Character		***If 'somewhat' or 'very' difficult, probe and describe briefly the challenges in collecting up-front contributions. If possible identify the groups who were most reluctant/difficult.
3.11_leader_contributed_more	Numeric	1 – Yes 2 – No (skip to section 4) 3 – Don't know / Don't remember	Did any community leaders contribute more than the TYPICAL cash contributed by each household?
3.11A_How_Much_leader_contrib	Numeric	_____ MZN OR 9 – Don't know / Don't remember	If yes, how much did the leader contribute? _____ MZN OR 9 – Don't know / Don't remember
3.11B_Leader_Paid_Back	Numeric	1 – Yes, all of it 2 – Some of it	If yes, was this money paid back to the leader?

Name	Type	Values	Description
		3 – None of it 4 – Don't know / Don't remember	

4. WATER SYSTEM OPERATION Questions 4.01 – 4.12a

Name	Type	Values	Description
4.01_Date_Construction_finished	Numeric	Month: _____ Year: _____, or 1 – Never finished 9 – Don't know	In what month and year was the handpump construction finished?
4.02_Day_week_open	Numeric		Generally, how many days per week is the water system open to water users?
4.03_Hours_in_Morning	Numeric	Hours in the morning _____ 9 – No set hours	Generally, how many hours per day is the water system open to water users in the morning?
4.03_Hours_at_afternoon	Numeric	Hours in the afternoon _____ 9 – No set hours	Generally, how many hours per day is the water system open to water users in the afternoon?
4.04_Times_Broken_Down	Numeric	Number of breakdowns ____ OR 9 – Don't know	How many times has the water system broken down (stopped providing a flow of water) since it was constructed? (** If 'none', enter ZERO and skip to 4.05)
4.04A_Longest_breakdown	Numeric		What was the longest period of time that the water system was not functioning?
4.04A_Longest breakdown unit	Numeric	1 – Days 2 – Months 9 – Don't know	***Unit for recording breakdown
4.04B_Who_Repaired	Numeric	1 – Nobody, it is still broken (skip to 4.05) 2 – Member of the water committee 3 – We hired a private technician 4 – A Cowater/NGO staff member 5 – A government agency staff member 6 – Other (specify)	Who repaired the water system when it broke down?
4.04C_Who_Paid_for_repair	Numeric	1 – Water committee 2 – Operator 3 – Community leader 4 – A Cowater/NGO staff member 5 – A government agency staff 6 – Other (specify)	Who paid for the repairs that were made?
4.05_Times_Preventive_Maintenance	Numeric		In the last year (last 12 months) how many times did you perform routine maintenance to the handpump? ***Don't know = 9
4.06_Replaced_Parts	Numeric	1 – Yes 2 – No (skip to 4.07) 9 – Don't know (skip to 4.07)	Have you replaced any parts of the water system since it was constructed?
4.06A_How_Aquired_part	Numeric	1 – We had the part on hand (skip to 4.07) 2 – We had to get the part from outside (Continue) 9 – Don't know (skip to 4.07)	Did you already have the part you needed for the replacement on hand, or did you have to acquire it from outside the community?
4.06B_How_Paid_part	Numeric	1 – We paid for it ourselves 2 – A Cowater/NGO staff member gave/paid for it 3 – A government agency gave/paid for it 4 – Other (specify)	Did you obtain the part using your own funds, or did you receive the part or money to buy it from someone else?
4.07_Min_Stock_parts	Numeric	1 – Yes (skip to 4.08)	Do you have a minimum stock of basic spare parts for the water system here in the

Name	Type	Values	Description
		2 – No 3 – Don't know (skip to 4.08)	community?
4.07A_Could_Obtain_parts	Numeric	1 – Yes (skip to section 9) 2 – No 3 – Don't know (skip to section 9)	Do you feel that you COULD OBTAIN the spare parts needed to fix most problems you may encounter with the water system?
4.07B_Prob_get_parts	Numeric	1 – Parts are not physically available 2 – Parts are available but too expensive 3 – Parts are available but in distant locations 4 – Don't know where to get replacement parts 5 – Available replacement parts are poor quality 6 – Other: _____	IF NO, what are the MAIN problems you face in obtaining spare parts? (*** Do NOT prompt. Check all answers mentioned.)
4.08_How_Uses_Water	Numeric	1 -Domestic uses (drinking, cooking, washing, bathing) 2 -Livestock 3 – Watering crops 4 – Watering gardens 5 –Any type of business, including selling water? 6 – Other? ____ 7 – Don't know	For what things do people use the handpump water for in this community? ***Surveyor: Read all the options. Mark the activities that people use water for, rather than those activities that are officially permitted.
4.09_Rules_water_use	Numeric	1 - Yes 2 - No (Skip to 4.12) 3 – Don't know / No response (Skip to 4.12)	Are there any rules about how water from the handpump can be used?
4.10A_Watering_Garden	Numeric	1 – All year 2 – Only in the dry season 3 – Other 4 – Don't know	Irrigating gardens? ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10B_Irrigating	Numeric	1 – All year 2 – Only in the dry season 3 – Other 4 – Don't know	Irrigating large fields? ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10C_Watering_Animals	Numeric	1 – All year 2 – Only in the dry season 3 – Other 4 – Don't know	Washing and giving water to animals? ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10D_Clothes_Washing	Numeric	1 – All year 2 – Only in the dry season 3 – Other 4 – Don't know	Washing clothes? ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10E_Washing_Vehicles	Numeric	1 – All year 2 – Only in the dry season 3 – Other 4 – Don't know	Washing cars, trucks, or motorcycles ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10F_Selling_water	Numeric	1 – All year 2 – Only in the dry season	Selling water? ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for

Name	Type	Values	Description
		3 – Other 4 – Don't know	the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10G_Enterprises	Numeric	1 – All year 2 – Only in the dry season 3 – Other 4 – Don't know	Businesses/small enterprises ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10H_Manufacturing	Numeric	1 – All year 2 – Only in the dry season 3 – Other 4 – Don't know	What types of uses are prohibited? ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10I_Other_Specify	Numeric	1 – All year 2 – Only in the dry season 3 – Other 4 – Don't know	Specify other use/activity? ***Do not read the list. Wait for the response and then ask if the responses are seasonal or for the entire year. The question refers to the uses that are officially regulated and not to actual practices.
4.10J_Dont_Know	Numeric		***Mark "1" if the respondent doesn't know which types of uses are prohibited, if any uses were already mentioned leave blank
4.11_Why_restrictions		1 – Limited availability of water 2 – Following regulations of gov. or Cowater 3 – Concerns for justice/equality 4 – Other (specify)_____ 5 – Don't know / no response	Why were the restrictions introduced? ***Do not read the list. Wait for each response and mark all responses.
4.12_HH_Limit_water		1 – Yes 2 – No (Skip to 5) 3 – Don't know (skip to section 5)	Is there a limit on the maximum number of buckets (20 liters) that one family can collect from the handpump in a day?
4.12A_HH_Max_Liters_day		Number of liters:_____, 9 – Don't know/no response	What is the maximum number of containers permitted per day? ***Surveyor – multiply the number of containers by 20 to enter the answer in liters.

5. WC: HISTORY AND RESPONSIBILITIES OF WATER COMMITTEE Questions 5.01 – 5.09

Name	Type	Values	Description
5.01_Year_WC_Founded	Numeric	Month: _____ Year: _____ 1 – N/A	In what month and year was the water committee founded?
5.02_WC_formed_by_MCA	Numeric	1 – Formed for the MCA water system 2 – Originally formed for another project 9 – Don't know / No response	Was the water committee originally formed to manage the MCA water system or for another project?
5.03_Term_of_Office	Numeric	1 – Fixed number of numbers: _____ 2 – For life 3 – As long as they choose 4 – Other (specify)	How long is the term of office for committee members?
5.04_Active_Members	Numeric		How many members of the water committee are currently actively performing their duties?
5.05_Resigned_Members	Numeric	1 – Yes (Continue) 2 – No (skip to 5.06)	Has any water committee member resigned or been asked to leave the committee thus far?
5.05A_Why_resigned	Numeric Character	1 – They were fired 2 – They were asked to leave 3 – They died 4 – They moved to another community 5 – Other	Why did that/those member(s) leave the committee? ***Record responses.
5.05B_Num_people_who_left	Numeric	Number of members who left committee: _____	Number of people who left the water committee?
5.05B_Vacant_spots_filled	Numeric	Number of vacancies filled with new members: _____ (if zero skip to 5.06)	Was the position left vacant by this/these individual(s) filled with new member(s)?
5.05C_Training_new_members	Numeric	1 – 1 – Yes, from Cowater/NGO 2 – Yes, from other WC members 3 – No 4 – Don't know	Did the new members receive any training?
5.06_Num_meetings_internal	Numeric	_____meetings ("None"=0, "Don't know" = 99)	In the PAST YEAR, about how many meetings did the water committee members hold amongst itself to discuss matters related to the water system(s)? ***Encourage committee to estimate to estimate if precise number is not known
5.07_Num_Meetings_Comm	Numeric	_____meetings ("None"=0, "Don't know" = 99) (if zero, skip to 5.08)	In the PAST YEAR, about how many meetings did the water committee members hold with the community? ***Encourage committee to estimate to estimate if precise number is not known
5.07A_Topics_comm_meetings	Numeric	1 – Changes in water tariffs 2 – Changes in water use regulations 3 – System improvements 4 – Collecting funds for repairs or upgrades 5 – Resolution of conflicts 6 – Hours of service 7 – Amount of money in the savings account 8 – Training (specific type: _____) 9 – Other issues (specify) _____	What issues were DISCUSSED at these meetings with the COMMUNITY? (***Do NOT prompt. Check all that apply.)

Name	Type	Values	Description
5.07B_Attendance_meetings	Numeric	Number of people:____, or 9 – Don't know	In general, how many committee members attended each meeting?
5.08A_Collect_tariffs	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee collect fees for the water system? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.08B_Resolve_conflicts	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee resolve conflicts among users of the water system? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.08C_Educate_comm	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee educate the community about hygiene, sanitation, and health? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.08D_Supervise_HP	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee supervise the water system during service hours? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.08E_Lock_and_open_HP	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee lock and open the water system? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.08F_Clean_HP	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee clean the handpump and the surrounding area? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.08G_Fix_leaks	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee fix leaks and make small repairs? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.08H_Big_repairs	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee make large repairs? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.08I_Buy_spare_parts	Numeric	1 – Never 2 – Daily 3 – Weekly 4 – Monthly	In the past year, (last 12 months) did the water committee buy spare parts? How often did they do this activity? (Read EACH OPTION to respondents and indicate response.)
5.09_Other_important_action	Numeric Character	1 - Yes (specify) 2 - No	Has there been another important action the water committee has realized since the handpump was constructed? (If Yes, specify)

6. INCOME AND EXPENSES Questions 6.01 – 6.07c

Name	Type	Values	Description
6.01_WC_spent_money	Numeric	1 – Yes (Continue) 2 – No (Skip to 6.04)	Has the water committee/operator spent any money since the water system was installed?
6.02A_Money_salary	Numeric	____MZN	Have you spent any money on salaries/wages over the last 12 months? ***Surveyor if didn't spend money on this category enter 0 or leave blank. Enter 9999 if Don't know.
6.02B_Small_repairs	Numeric	____MZN	Have you spent any money on repairs or substitutions over the last 12 months? ***Surveyor if didn't spend money on this category enter 0 or leave blank. Enter 9999 if Don't know.
6.02C_Big_repairs	Numeric	____MZN	Have you spent any money on large repairs or substitutions over the last 12 months? ***Surveyor if didn't spend money on this category enter 0 or leave blank. Enter 9999 if Don't know.
6.02E_Administration	Numeric	____MZN	Have you spent any money on administrative costs (books, communication, etc) over the last 12 months? ***Surveyor if didn't spend money on this category enter 0 or leave blank. Enter 9999 if Don't know.
6.02E_Meals	Numeric	____MZN	Have you spent any money on meals over the last 12 months? ***Surveyor if didn't spend money on this category enter 0 or leave blank. Enter 9999 if Don't know.
6.02F_Transport	Numeric	____MZN	Have you spent any money on transport over the last 12 months? ***Surveyor if didn't spend money on this category enter 0 or leave blank. Enter 9999 if Don't know.
6.02G_Other_spending	Numeric	____MZN	Have you spent any money on transport over the last 12 months? ***Surveyor if didn't spend money on this category enter 0 or leave blank. Enter 9999 if Don't know.
6.02A_Where_response_from	Numeric	1 – Written register? 2 – Verbal estimate? 3 – Both	***Surveyor: Were the responses from question 6.02 obtained from....
6.03_Monthly_spending	Numeric	MZN / Month: _____ 9 – Don't know	How much is the average MONTHLY RECURRENT cost of operating the water system(s)? (This value should include salaries, energy/fuel, regular O&M expenditures, etc., but NOT include large repairs or upgrades). If "none" enter zero.
6.04_Money_Collected_Past_Year	Numeric	MZN_____, OR 9 – Don't know	In the PAST YEAR (last 12 months), about how much money IN TOTAL have you collected from USERS of the water system? (***Note that this amount should NOT include up-front contributions. Encourage WC members to estimate. If the respondent has records of monthly revenues, ask to take the pictures of the pages with relevant information.)
6.04A_How_response_obtained	Numeric	1 – Written records? 2 – Respondents' memory? 3 – Both 9 – Not applicable	INTERVIEWER: Were the responses to the questions 6.04 obtained from ...
6.05_Savings_Account	Numeric	1 – Yes 2 – No 3 – Don't know / No answer	Do you save the money for repairs in a bank or other formal institution?
6.05A_security_money	Numeric	1 – Yes 2 – Somewhat	Do you feel that the money you have saved is in a secure place?

Name	Type	Values	Description
		3 – No 4 – Don't know / No answer	
6.06_Currently_Saved	Numeric	MZN.____, OR 9 – Don't know / No answer	How much money do you currently have saved for repairs for the system?
6.06A_How_response_Obtained	Numeric	1 – Written records? 2 – Respondents' memory? 3 – Both 9 – Not applicable	***Surveyor: Were the responses to questions 6.06 obtained from ...
6.07A_Money_enough_to_Operate	Numeric	1 – Yes 2 – No 9 – Don't know	In your opinion, is the amount of revenue collected from the users of the water system enough to operate and maintain the system WITHOUT including contributions from external groups like the government, NGOs, or religious organizations?
6.07B_Money_enough_to_Minor_Repairs	Numeric	1 – Yes 2 – No 9 – Don't know	In your opinion, is the amount of revenue collected from the users of the water system enough to make minor repairs WITHOUT including contributions from external groups like the government, NGOs, or religious organizations?
6.07C_Money_enough_to_Major_Repairs	Numeric	1 – Yes 2 – No 9 – Don't know	In your opinion, is the amount of revenue collected from the users of the water system enough to make major repairs WITHOUT including contributions from external groups like the government, NGOs, or religious organizations?

7. PRICING Questions 7.01 – 7.06

Name	Type	Values	Description
7.01_Pay_for_HP	Numeric	1 – Yes, ALL are charged 2 – SOME are charged and others are not 3 – No, NONE of the users are charged (skip to section 8) 9 – Don't know / No answer	Are water system users charged for the water they obtain?
7.01A_How_pay	Numeric	1 – Flat fee per WEEK 2 – Flat fee per MONTH 3 – Based on amount of water (skip to 7.01c) 4 – Other (specify) _____ (skip to 7.01d)	Are users charged a flat fee per week or month, or are they charged by the amount of water they obtain from the water system?
7.01B_Pay_per_time_unit	Numeric	_____ MZN	How much are users charged per week/month?
7.01C_Pay_per_x_liters	Numeric	_____ MZN for _____ liters	How much are users charged for the water they obtain?
7.01D_Pay_other_unit	Numeric	_____ MZN	How much are users charged to use the water system?
7.02_Free_or_discount_water	Numeric	1 – Yes (Continue) 2 – No (Skip to 7.03) 9 – Don't know (Skip to 7.03)	Do any households receive free or discounted water?
7.02A_Discount_Criteria	Numeric	1 – Poor households 2 – Elderly persons 3 – Disabled persons 4 – Widows 5 – WC members 6 – Other (specify) _____	Which types of households receive free/discounted water? (Prompt on each option and tick all that apply)
7.03_Free_months	Numeric	1 – Yes (Continue) 2 – No (Skip to 7.06) 9 – Don't know (Skip to 7.06)	Are there certain months during the year when households can use the water system without paying?
7.04_Months_water_free	Numeric	1 – Jan. 2 – Feb. 3 – Mar. 4 – Apr. 5 – May 6 – June 7 – July 8 – Aug. 9 – Sept. 10 – Oct. 11 – Nov. 12 – Dec.	During which months can households use the water system without paying?
7.05_Why_no_charge	Character		Why are households not charged to use the water system during these months? ***Record response.
7.06_How_Common_is_resell	Numeric	1 – Very rare / Never done 2 – Occasionally happens 3 – Very common 9 – Don't know	How common is it for people to buy water from the water system and then RESELL it to other households?

8. WC: TRAINING AND EXTERNAL SUPPORT Questions 8.01 – 8.06a

Name	Type	Values	Description
8.01_Any_Training_received	Numeric	1 – Yes, ALL are charged 2 – No (Skip to 8.05) 9 – Don't know (Skip to 8.05)	Have you received any sort of training to strengthen your capacity as water committee members? (***Focus only on training provided specifically for committee responsibilities.)
8.02_Num_trainings_received	Numeric	Number of trainings _____ ***99=Don't know ***If zero go to 8.05	How many trainings has the water committee received?
8.03_Who_provided_training	Numeric	1 – Cowater 2 – NGO 3 – Government agency 4 – Other (specify)	Who gave the training?
8.04A_Type_training_O&M	Numeric	1 – Yes 2 – No	Have you received training in water system(s) operation and maintenance? (including regular, minor repairs)
8.04B_Fin_and_Admin	Numeric	1 – Yes 2 – No	Have you received training in financial and administrative management of the water system(s), including tariff design?
8.04C_Conflict_resolution	Numeric	1 – Yes 2 – No	Have you received training in conflict resolution?
8.04D_Hygiene_and_san_	Numeric	1 – Yes 2 – No	Have you received training in sanitation and hygiene?
8.04E_Training_other	Numeric	1 – Yes 2 – No	Have you received training in any other topic?
8.05_Enough_training	Numeric	1 – Yes (Skip to 8.06) 2 – No 3 – Don't know (Skip to 8.06)	Do you feel that the members of the water committee currently have ENOUGH TRAINING to perform your jobs effectively?
8.05A_Area_need_more_training	Numeric	1 – Operation and maintenance 2 – Financial management 3 – Sanitation and hygiene 4 – Conflict resolution 5 – Other (specify) _____	What additional training do you feel you need in order to perform your jobs effectively?
8.06_Post_construction_visits	Numeric	Number of visits: _____ (**If “none”, enter zero and SKIP to section 9.) (***If “don't know”, enter 99 and CONTINUE to 8.06a.)	IN THE PERIOD AFTER THE WATER SYSTEM WAS CONSTRUCTED, how many times have you received from individuals or organizations who wanted to help address technical or management challenges with the water system?
8.06A_Type_of_support_offered	Numeric	1 – Financial assistance 2 – Conflict resolution 3 – Inspecting the water system 4 – Repairing the water system 5 – Reviewing tariffs / financial management 6 – Other (specify) _____	What type of support did these visitors offer? (Tick ALL that apply.)

9. WC: PERCEPTIONS OF SUSTAINABILITY AND CONFLICT Questions 9.01 – 9.15

Name	Type	Values	Description
9.01_HP_related_Conflicts	Numeric	1 – Yes 2 – No (Skip to 9.02) 3 – Do not know (Skip to 9.02)	Are there any conflicts related to the water system within the village?
9.01A_Conflict_Groups	Numeric	1 – Men and women 2 – Households that did/did not contribute to project 3 – Wealthy / poor households 4 – Members of different ethnic or religious groups 5 – Members of different political parties 6 – Established residents and newcomers 7 – Water users or WC members and community leaders 8 – Other (specify) _____	Which groups are in conflict over water use? (Do NOT prompt, except 'Anyone else?'. Mark all the answers given by committee members.)
9.01B_Conflict_Reason	Numeric	1 – How water is used 2 – The quantity of water obtained by some households 3 – The amount charged for water 4 – Access to the water system 5 – Other (specify) _____	What are the reasons for this conflict? (Do NOT prompt, except 'Anything else?'. Mark all the answers given by committee members.)
9.02_Good_understanding_WC	Numeric	1 – Yes, always 2 – Yes, for the most part 3 – Yes, sometimes 4 – No, generally none	Is there a good working relationship among members of the water committee?
9.03_Good_understanding_users	Numeric	1 – Yes, always 2 – Yes, for the most part 3 – Yes, sometimes 4 – No, generally none	Is there a good working relationship between the water committee and WATER USERS?
9.04_Good_understanding_leaders	Numeric	1 – Yes, always 2 – Yes, for the most part 3 – Yes, sometimes 4 – No, generally none	Is there a good working relationship between the water committee and the COMMUNITY LEADERS?
9.05_How_leader_help	Numeric	1 – Mobilized the community for planning? 2 – Formed the water committee? 3 – Collected initial monetary contributions? 4 – Collected tariffs? 5 – Maintenance and repair? 6 – Resolving conflicts?	In what ways have leaders in the community assisted in the construction or management of the handpump? ***Read each item and mark the appropriate response.
9.06_Overall_Satisfaction	Numeric	1 – Very satisfied (skip to 9.07) 2 – Somewhat satisfied (Skip to 9.07) 3 – Somewhat unsatisfied 4 – Very unsatisfied 5 – Don't know/no response (9.07)	In general, how satisfied are you with the supply of water from the MCA handpump?

Name	Type	Values	Description
9.06_Why dissatisfied	Numeric	1 – Lack of water quantity 2 – Poor water quality (domestic uses) 3 – Distance to collect water 4 – Time waiting for water 5 – Number of people sharing the handpump 6 – Frequent breakdowns 7 – Variable supply (ex: seasonal changes) 8 – High cost of water 9 – Other (Specify) _____	What aspects of the service are you dissatisfied with? ***Do not read the list. Mark all responses mentioned.
9.07_Operating_Next_Year	Numeric	1 – Yes 2 – No (Skip to 9.10) 3 – Don't know (Skip to 9.11)	Do you think the water system(s) in this community will still be operating next YEAR?
9.08_Operate_5_Years	Numeric	1 – Yes 2 – No (Skip to 9.10) 3 – Don't know (Skip to 9.11)	Do you think the water system(s) will still be operating 5 YEARS from now?
9.09_Operate_10_Years	Numeric	1 – Yes (Skip to 15.14) 2 – No (Skip to 9.10) 3 – Don't know (Skip to 9.11)	Do you think the water system(s) will still be operating 10 YEARS from now?
9.10_Why_Not_operate	Numeric	1 – We won't have sufficient funds to maintain the water system 2 – We have insufficient skills/capacity to maintain HP 3 – We won't be able to fix the water system when it breaks 4 – The construction of the water system is poor quality 5 – The water table is failing/source will fail 6 – Population growth/Increased demand for water 7 – Conflicts between groups 8 – Other (specify) _____	Why do you believe that the water system(s) will not be operating (1, 5, or 10) years from now? (Do NOT read out the answers. Check all answers mentioned by committee members.)
9.11_Keys_to_sustainability	Character		What do you think are the keys to the water system function well in the future? (Record all responses)
9.12_Primary_difficulties_	Character		ASK ALL MEMBERS OF THE GROUP: What are the primary difficulties you face in performing the tasks expected of your position? (Record all responses)
9.13A_HP_own_WC	Character	1 – Strongly disagree 2 – Disagree 3 – Agree 4 – Strongly agree 5 – Don't know	To what extent do you agree/disagree with the following statement: The water system is owned by the water committee
9.13B_HP_own_leaders	Character	1 – Strongly disagree 2 – Disagree 3 – Agree	To what extent do you agree/disagree with the following statement: The water system is owned by the community leaders

Name	Type	Values	Description
		4 – Strongly agree 5 – Don't know	
9.13C_HP_own_govt	Character	1 – Strongly disagree 2 – Disagree 3 – Agree 4 – Strongly agree 5 – Don't know	To what extent do you agree/disagree with the following statement: The water system is owned by the government
9.13D_HP_own_NGO	Character	1 – Strongly disagree 2 – Disagree 3 – Agree 4 – Strongly agree 5 – Don't know	To what extent do you agree/disagree with the following statement: The water system is owned by an NGO, like Cowater
9.13E_HP_own_comm	Character	1 – Strongly disagree 2 – Disagree 3 – Agree 4 – Strongly agree 5 – Don't know	To what extent do you agree/disagree with the following statement: The water system is owned by ALL community members
9.13F_HP_own_god	Character	1 – Strongly disagree 2 – Disagree 3 – Agree 4 – Strongly agree 5 – Don't know	To what extent do you agree/disagree with the following statement: The water system is owned by God
9.14A_Owner_WC	Numeric		How many people think the WC is the primary owner of the handpump? ***First read all categories, and include the number of WC members who agree for each category.
9.14B_Owner_leader	Numeric		How many people think the leader is the primary owner of the handpump? ***First read all categories, and include the number of WC members who agree for each category
9.14C_Owner_govt	Numeric		How many people think the government is the primary owner of the handpump? ***First read all categories, and include the number of WC members who agree for each category.
9.14D_Owner_NGO	Numeric		How many people think an NGO (COWATER) is the primary owner of the handpump? ***First read all categories, and include the number of WC members who agree for each category.
9.14E_Owner_all_comm	Numeric		How many people think all of the community owns the handpump? ***First read all categories, and include the number of WC members who agree for each category
9.14F_Owner_god	Numeric		How many people think God is the primary owner of the handpump? ***First read all categories, and include the number of WC members who agree for each category.
9.14G_Owner_other	Numeric		How many people think another group is the PRIMARY owner of the water system?
9.14A_Owner_WC	Numeric		We have been talking about the handpump, but now I want you to think about other sources of water, like wells and river... How many people think the WC is the primary owner of the wells and rivers?

Name	Type	Values	Description
			***First read all categories, and include the number of WC members who agree for each category.
9.14B_Owner_leader	Numeric		How many people think the leader is the primary owner of the wells and rivers? ***First read all categories, and include the number of WC members who agree for each category
9.14C_Owner_govt	Numeric		How many people think the government is the primary owner of the wells and rivers? ***First read all categories, and include the number of WC members who agree for each category.
9.14D_Owner_NGO	Numeric		How many people think an NGO (Cowater) is the primary owner of the wells and rivers? ***First read all categories, and include the number of WC members who agree for each category.
9.14E_Owner_all_comm	Numeric		How many people think all of the community owns the wells and rivers? ***First read all categories, and include the number of WC members who agree for each category
9.14F_Owner_god	Numeric		How many people think God is the primary owner of the wells and rivers? ***First read all categories, and include the number of WC members who agree for each category.
9.14G_Owner_other	Numeric		How many people think another group is the PRIMARY owner of the wells and rivers?