

A GENERAL INFORMATION AND DESIGN

Date	
Interviewer	

A 1	System Name			
	Year Built			
	Service Provider			
	Locality <i>(include as many administrative levels as needed)</i>	Administrative Level 1 e.g. community, village, town		
		Administrative Level 2: e.g. municipality		
		Administrative Level 3: e.g. township, district		
		Administrative Level 4: e.g. province, state		
	Latitude			
	Longitude			
	Altitude			
System Code				

A 2	Other Administrative and/or Geographical Divisions	
	Catchment area	
	Area or planning zone	
	Other	

Initial Source(s) of Construction Financing <i>(relative to year built (A1))</i>			
A 3	Source(s) of financing (Institution, Organization, Donation, Contribution, etc.)	Specific program(s) from which funds originated <i>(if applicable)</i>	Currency
	Total Financing		

Refurbishment(s) and/or Expansion(s)							
A 4	Year	Type of refurbishment and/or expansion	Source(s) of financing	Specific program(s) from which funds originated (if applicable)	Executing Agency	Amount	Currency
	Total Financing						

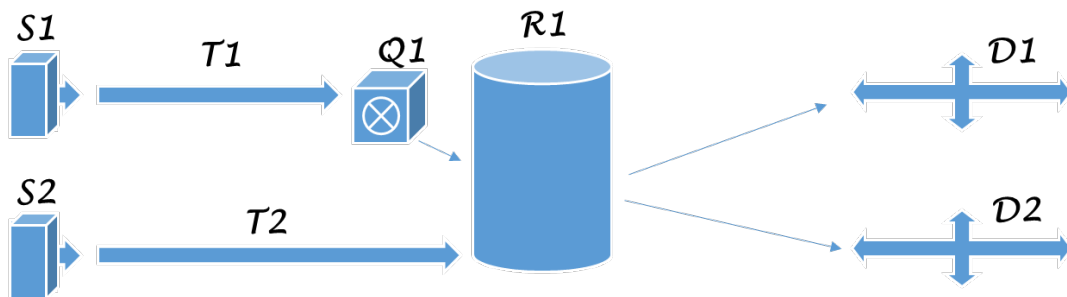
Type of Water Supply System <i>(select all that apply)</i>					
A 5	Gravity Supply				
	Pumped Supply				
	Hand Pump				
	Rainwater Harvesting				
	Other (Specify)				
Are there adequate water resources (at the source) to meet demand? <i>(for community/village administrators)</i>					
A 6	Dry season	Yes		No	
	Rainy season	Yes		No	

Water Supply System Design

Sketch and label the following applicable components using the designated codes. Include as many components as needed, but the minimum possible to accurately describe the water system. Ensure the corresponding section is completed for each component.

- Water source(s)
- Water intake works
- Water transmission line(s) (including any special structures)
- Water treatment infrastructure (indicate chlorine injection point(s) (if applicable))
- Water storage infrastructure
- Distribution network(s) (to house connections) by zone(s)

Example: 2 water sources (one source with an intake; one well), 2 transmission lines, 1 water treatment plant, 1 water storage system (several tanks/reservoirs in combination), 2 distribution networks



B WATER SOURCE AND/OR WATER INTAKE WORKS

Water Source and/or Water Intake Works					
B 1	Name of Source and/or Intake				
	Source and/or Intake Code				
	Type of Source and/or Intake				
	Is this the primary source and/or intake? <i>(only one source/intake may be designated as primary)</i>	Yes		No	
	Flow rate		Unit		Date measured
	Dry season flow rate		Unit		Date measured
	Latitude				
	Longitude				
Altitude					

Environmental conditions surrounding the source and/or intake <i>(e.g. riverbanks, recharge zones, well fields, etc.)</i>		Yes	No	Not applicable
B 2	Presence of vegetation or forested areas			
	Erosion			
	Adequate protection e.g. fencing or restricted access			
	Presence of contamination from household waste or waste water e.g. overhung latrines, animals, dwellings, etc.			
	Presence or evidence of hazardous waste e.g. industrial, agricultural or artisanal activities			

B 3	Presence of water intake infrastructure		Yes		No	
	Flow meter installed	Yes (operational)		Yes (non-operational)	No	

State of Water Intake Infrastructure					
A		B		C	D
B 4	Good <i>Water intake infrastructure operational and all components in good physical condition.</i>	Fair <i>Water intake infrastructure operational and in need of minor repairs, which can be resolved by the community without external assistance.</i>	Poor <i>Water intake infrastructure operational or non-operational, and in need of major repairs requiring external technical assistance.</i>	Inoperable <i>Water intake infrastructure non-operational and in need of replacement requiring external technical and financial assistance.</i>	
	Comments on water intake(s)				

C Transmission line(s)

Water Transmission Line(s)				
C 1	Transmission line code			
	Length		Unit	
	Diameter or cross-section		Unit	
	Does the transmission line include special components? (e.g. break pressure tank, valve, etc.)	Yes		No

State of Water Transmission Line(s)				
C 2	A	B	C	D
	Good <i>Transmission line(s) operational and all components in good physical condition.</i>	Fair <i>Water intake infrastructure operational and in need of minor repairs, which can be resolved by the community without external assistance..</i>	Poor <i>Transmission line(s) operational or non-operational, and in need of major repairs requiring external technical assistance.</i>	Inoperable <i>Transmission line(s) non-operational and in need of replacement requiring external technical and financial assistance.</i>
	Comments on transmission line(s)			

D WATER TREATMENT INFRASTRUCTURE

Water Treatment Infrastructure				
D 1	Treatment infrastructure Code			
	Type of Treatment			
	Operational	Yes		No
	Latitude			
	Longitude			
	Altitude			

State of Water Treatment Infrastructure				
D 2	A	B	C	D
	Good <i>Treatment infrastructure operational and all components in good physical condition.</i>	Fair <i>Water intake infrastructure operational and in need of minor repairs, which can be resolved by the community without external assistance.</i>	Poor <i>Treatment infrastructure operational or non-operational, and in need of major repairs requiring external technical assistance.</i>	Inoperable <i>Treatment infrastructure non-operational and in need of replacement requiring external technical and financial assistance.</i>
	Comments on Treatment infrastructure			

E WATER STORAGE INFRASTRUCTURE

Water Storage Infrastructure				
E 1	Storage Infrastructure Code			
	Storage Capacity (volume)		Unit	
	Cleaning frequency			
	Latitude			
	Longitude			
	Altitude			

Physical Condition of Water Storage Infrastructure					
E 2		A	B	C	D
		Good <i>Storage infrastructure operational and all components in good physical condition.</i>	Fair <i>Water intake infrastructure operational and in need of minor repairs, which can be resolved by the community without external assistance.</i>	Poor <i>Storage infrastructure operational or non-operational, and in need of major repairs requiring external technical assistance.</i>	Inoperable <i>Storage infrastructure non-operational and in need of replacement requiring external technical and financial assistance.</i>
		Comments on Storage Infrastructure			

F WATER DISTRIBUTION INFRASTRUCTURE

Water Distribution Network	
F 1	Distribution Network Code
	Hours of Service per Day

Water Distribution Network	
F 2	Number of House Connections
	Number of Water Meters Installed
	Number of Functioning Water Meters Installed

Average Distance from Household to Public Standpost <i>(to be completed only for households <u>without</u> house connections)</i>				
F 3	Greater than 100 meters		Less than 100 meters	

State of Water Distribution Infrastructure					
		A	B	C	D
F 4	Good <i>Distribution infrastructure and all components in good physical condition.</i>	Fair <i>Water intake infrastructure operational and in need of minor repairs, which can be resolved by the community without external assistance.</i>	Poor <i>Distribution infrastructure operational or non-operational, and in need of major repairs requiring external technical assistance.</i>	Inoperable <i>Distribution infrastructure non-operational and in need of replacement requiring external technical and financial assistance.</i>	
	Comments on Distribution Infrastructure				

G DRINKING WATER QUALITY AND QUANTITY

System Flow Rate <i>(average flow across distribution network)</i>			
G 1	Flow rate		Unit

Chlorine Disinfection <i>(at chlorine injection point)</i>					
G 2	Yes, and operational		Yes, and non-operational		None

Household Water Treatment <i>(applies to filtration only e.g. ceramic filtration, slow sand filtration, etc.)</i>					
G 3	The majority of households treat their water via filtration		Some households treat their water via filtration		No households treat their water via filtration

Drinking Water Quality					
G 4	Date of Analysis		Results <i>(based on country-specific norms/ regulations)</i>		
	Residual Chlorine		Result		Units
	Bacteriological Analysis		Pass		Fail
	Physico-chemical Analyses		Pass		Fail

H COMMENTS

Comments and Observations

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