F2A

MINISTRY OF WATER AND ENVIRONMENT

Rural Water Supply Database

F2a: PIPED WATER SYSTEMS/SCHEMES DATA COLLECTION FORM

version 2022-06

1. Location (Source Location)

1.1 District/City: ★ _____

1.2 County/MC: ★ _____

1.3 Sub-county/Division/TC: ★ _____

1.4 Parish/Ward: ★ _____

1.5 Village/Zone/LC1/Cell: ★ _____

1.6 Datum WGS84 please tick applicable

UTM Zone (35M/36M/35N/36N): _____

(appears in-front of cordinates on GPS screen)

1.6.1 Eastings/Longitude: ★ _____

1.6.2 Northings/Latitude: ★ _____

1.6.3 Elevation (meters): _____

should between 600 and 2500m

1.7 Name Parishes/Wards Covered per Subcounty/Town Council/Division

_____

_____

_____

_____

_____

_____

_____

_____

1.8 Is this scheme in a Refugee Camp ★ ☐ Yes ☐ No

Refugee Camp Name _____

4. Operation and Maintenance

4.1 Type of Management/Operator ★

- ☐ Communal
- ☐ Water and Sanitation Committee (WSC)
- ☐ Private Operator - Name _____
- ☐ NWSC
- ☐ Water Board
- ☐ Other - Specify _____

4.2 Is a Water Board (WB)/WSC in place? ☐ Yes ☐ No

4.3 Is a WB/WSC in functional? ☐ Yes ☐ No

4.4 If Functionality, does the WB/WSC do the following

(Tick all that apply)

- ☐ WB/WSC holds quarterly meetings
- ☐ WB/WSC undertakes monitoring visits
- ☐ WB/WSC checks books of accounts of the operator

4.5 If WB/WSC is not functional, indicate main reasons why:

- ☐ Facility Gazetted
- ☐ Water System Non-functional/Partially Functional
- ☐ WB Not trained
- ☐ WB Not Commited
- ☐ Alternative Water facility Nearby
- ☐ Facility Brokedown beyond means of WB
- ☐ Majority of Members shifted/moved/Died
- ☐ Other _____

4.6 No. of members on WB/WSC _____

4.7 No. of active members on WB/WSC _____

4.8 No. of women on WB/WSC: _____

4.9 Are there women in key positions ○ Yes ○ No

4.10 No. of women holding key positions: _____

- ☐ Chairperson ☐ Vice-Chairperson
- ☐ Secretary ☐ Treasurer

Attach Photos

Attach Office Photo _____

Attach Reservoir Photo _____

Attach Intake Photo _____

Attach Kiosk/Public Tap Stand Photo _____

2. Type System

2.1 Type of system/scheme ★ (*Tick the applicable*)

- ☐ Groundwater based (GWB)
- ☐ Surface Water Based (SWB)
- ☐ Combined Ground & Surface Water Based (GWB/SWB)

2.2 Local ID number of piped system/scheme: _____

Name of Piped System/Scheme ★ _____

2.3 Energy Sources for Pumping (Combinations are possible) ★

- ☐ Gravity Flow Scheme
- ☐ National Grid/Electricity
- ☐ Windmill
- ☐ Generator/Diesel
- ☐ Solar Powered
- ☐ Hybrid

2.4 Does the scheme have a Surface Water source

○ Yes ○ No If Yes, give type and name of source

- ☐ Lake, indicate name: _____
- ☐ River, indicate name: _____
- ☐ Wetland/Swamp - name: _____

2.5 Does the scheme have a Ground Water source

○ Yes ○ No If Yes, give type, Name and Number

- ☐ _____ Borehole/Production Well(s), _____
  indicate DWDno(s): _____
- ☐ _____ Spring(s), indicate name(S): _____
- ☐ Other - give type & name _____

2.6 Source of funding

- ☐ GoU - Central Govt specify: _____
- ☐ GoU - Local Govt specify: _____
- ☐ NGO - Give name: _____
- ☐ Partnership - Give name: _____
- ☐ Other - specify: _____

5. Operational Status ((Functionality)

5.1 Functionality ★ if not filled then assumed functional

- ☐ Functional (*whole system is fully functiona* l)
- ☐ Non-Functional (*whole system is complete down*)
- ☐ Partially Functional (specify problem)

_____

5.2 If the system is not fully functional, when did it become non-functional or only partially functional?

Year YYYY Month: MM

5.3 Reasons why the scheme/system is not fully functional

(Several options may apply, i.e. you can tick more than one box)

- ☐ Dry / Low yielding
- ☐ Technical breakdown - specify

_____

- ☐ Power problems - specify _____
- ☐ Non-Payment of Water Fees
- ☐ Water Quality - specify
  - ○ Smelly Water ○ Suspended Particles
  - ○ Tasty Water ○ Oily Water
  - ○ Brown Water ○ Dirty Water
  - ○ Other Coloured water ○ Itchy water
  - ○ Other _____
- ☐ Alternative Water facility Nearby
- ☐ Poor Management
- ☐ Other - specify _____

5.4 Year of last major repair/replacement YYYY

5.6 Give details on the repairs done, if any:

_____

_____

3. General Information

3.1 Total number of connections ★

- 3.1.1 No. of Public Stand Posts _____
- 3.1.2 No. of Yard Taps _____
- 3.1.3 No. of Kiosks _____
- 3.1.4 No. of House Connections _____
- 3.1.5 No. of Institutional Connections _____
- 3.1.6 No. of Non-Institutional (Commercial) Connections _____
  (e.g. Office Blocks, shops etc)
- 3.1.7 No. of Industrial Connections _____
- 3.1.8 Others Connections _____

3.2 Estimated Population served by system _____

3.3 Date of Commissioning _____

If not known, please estimate and indicate (EST) ☐ Est

3.4 Is this scheme Gazetted ☐ Yes ☐ No

3.5 If Yes, what is the Water Authority

- ☐ Umbrella Authorty Name _____
- ☐ NWSC

3.6 Is a Treatment System in Place ☐ Yes ☐ No

Treatment Type

- ☐ Water Treatment Plant
- ☐ Cholorine Dosing
- ☐ Aeration / Iron Removal

3.7 Frequency of Water Treatment

○ Daily ○ Monthly ○ Bi-Annually

○ Weekly ○ Quartely ○ Annually

3.8 Total Pipe length: Transmission _____ m

Distribution: _____ m

Total _____ m

3.9 Total Storage capacity (all reservoirs) _____ m³

6. Other Info as required by the DWO

6.1 Does the scheme offer Pro-Poor services ★

○ Yes ○ No

i.e.where people pay less or equal to the house connection tariff in the service area

6.2 Other info as required by the DWO

_____

_____

_____

7. Respondent

Name: _____

Gender ☐ Male ☐ Female

Telephone _____

Responsibility/Title _____

8. Enumerator Details

Date of Data Collection: DD-MM-YYYY

Name: _____

Designation/Title _____

Telephone Number _____

9. Data Verification

Name: _____

Date: DD-MM-YYYY

Telphone: _____

Signature: ○ Yes ○ No