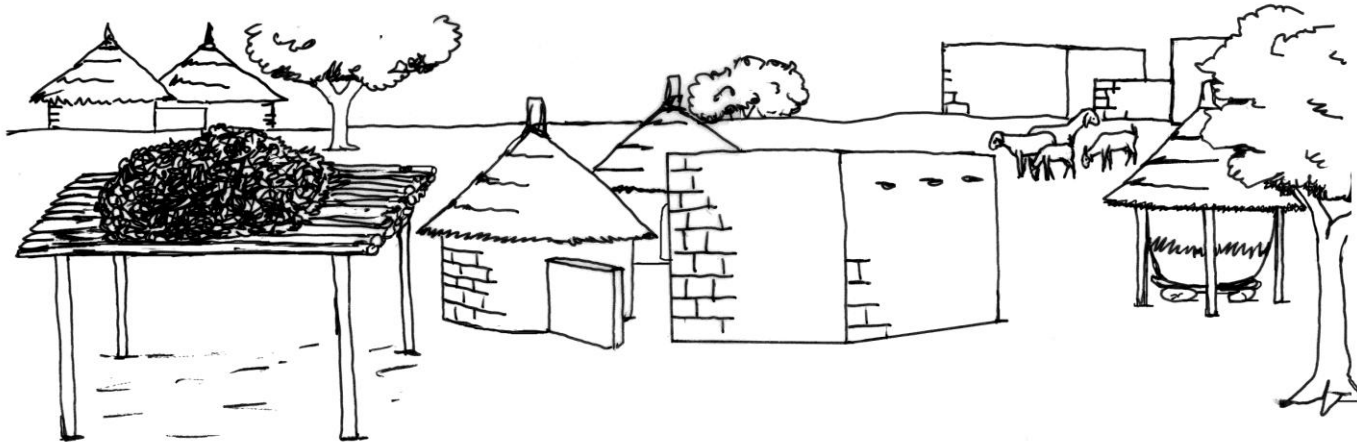




**Contracting for water point construction:  
Provisional and final acceptance forms.**

**Ref.: 2012-04-E**



**GWJ Technical Series:  
Hardware Quality**



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## About this series

The **GWJ Technical Series: Hardware Quality for Sustainable Water & Sanitation** is a Global Water Initiative tool that was developed in West Africa by Catholic Relief Services (CRS) and Sahel Consulting as a response to common difficulties in rural water & sanitation projects.

Each document in the series addresses a particular aspect of technology choice, design, build and maintenance. All these aspects are important in delivering a reliable and lasting community water/sanitation resource within an increasingly decentralised context.

We aim to influence those with the power and responsibility to get water and sanitation to the rural poor.

We also want to influence the communities themselves to become proactive and break away from their past role as passive beneficiaries.

The tools have been designed and field tested for use with communities, development workers, commune leaders and government technical services. They focus specifically on gaining an informed understanding that will lead these key decision makers to choosing the correct technology, supervising construction to assure quality, putting in place correct operation and maintenance systems, and assuring that revenue generated is adequate to keep that service going.

These tools are not a method in themselves, they presume that anyone using them is already engaged in a robust participatory process.

The **GWJ Technical Series: Hardware Quality for Sustainable Water & Sanitation** includes:

|                                                                                      |                 |
|--------------------------------------------------------------------------------------|-----------------|
| A practical guide for building a simple pit latrine                                  | ref.: 2011-01-E |
| Assuring Quality: an approach to building long-lasting infrastructure in West Africa | ref.: 2012-01-E |
| Monitoring checklists : water points and latrines                                    | ref.: 2012-02-E |
| Community monitoring of borehole construction: a training guideline                  | ref.: 2012-03-E |
| Contracting for water point construction: Provisional and final acceptance forms     | ref.: 2012-04-E |
| The essential steps before handing-over a borehole (with hand pump) to the community | ref.: 2012-05-E |

|                                                                                                                 |                 |
|-----------------------------------------------------------------------------------------------------------------|-----------------|
| Community monitoring during the construction of a gravity-fed, solar powered water supply: a training guideline | ref.: 2012-06-E |
| Making the right choice: comparing your rural water technology options                                          | ref.: 2012-07-E |

Please use any of the documents freely. They can be downloaded from <http://www.crsprogramquality.org/publications/tag/water-manualsuser-guides>.

We would be most interested to receive feedback from you on the usefulness of this material.

The series is published in French and English. If you translate the material into another language please send a copy to [lambert.nikiema@crs.org](mailto:lambert.nikiema@crs.org), [jeanphilippe.debus@crs.org](mailto:jeanphilippe.debus@crs.org), [suecavanna@sahelconsulting.org.uk](mailto:suecavanna@sahelconsulting.org.uk).

## Acknowledgements

This document was developed by Lambert Zounogo P. NIKIEMA (CRS), Sue CAVANNA (Sahel Consulting), and Jean-Philippe DEBUS (CRS), the Hardware Quality team of the Global Water Initiative (GWI) in West Africa.

GWI project staff from all five GWI countries contributed ideas during the early development stages, and most importantly tested the material in the field. We are indebted to them.

The generous support and encouragement of the Howard G. Buffett Foundation has made this publication possible.

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## About the Global Water Initiative

The Global Water Initiative (GWI), supported by the Howard G. Buffett Foundation addresses the challenge of providing long term access to clean water and sanitation, as well as protecting and managing ecosystem services and watersheds, for the poorest and most vulnerable people dependent on those services. Water provision under GWI takes place in the context of securing the resource base and developing new or improved approaches to water management, and forms part of a larger framework for addressing poverty, power and inequalities that particularly affect the poorest

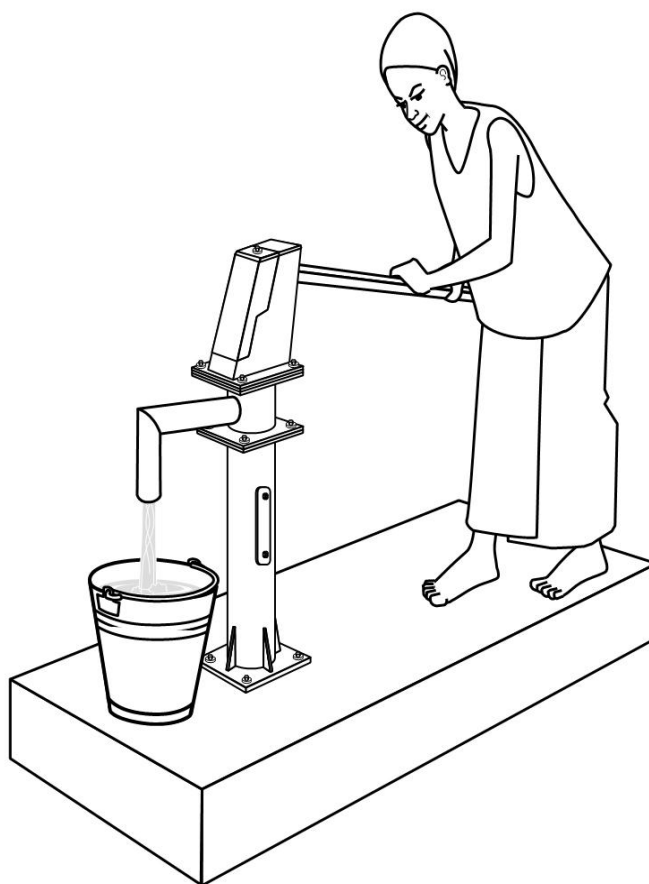
populations. This means combining a practical focus on water and sanitation delivery with investments targeted at strengthening institutions, raising awareness and developing effective policies.

The Regional GWI consortium for West Africa includes the following partners:

- International Union for the Conservation of Nature (IUCN)
- Catholic Relief Services (CRS)
- CARE International
- SOS Sahel (UK)
- International Institute for Environment and Development (IIED).

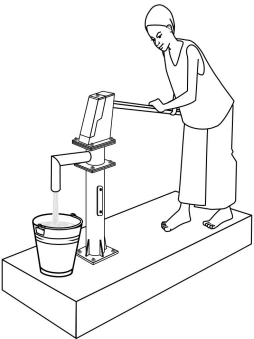
GWI West Africa covers five countries: Burkina Faso, Ghana, Mali, Niger and Senegal. Some activities also take place around the proposed Fomi dam in Guinea. For more information on the GWI, please visit: [www.globalwaterinitiative.com](http://www.globalwaterinitiative.com).

## 1. BOREHOLE FITTED WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM



Copyright GWI

## BOREHOLE FITTED WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

|                                                                                   |                                   |                                    |  |
|-----------------------------------------------------------------------------------|-----------------------------------|------------------------------------|--|
|  | Country: .....                    | N°: .....                          |  |
|                                                                                   | Region: .....                     | Name of Contractor: .....          |  |
|                                                                                   | Province: .....                   | .....                              |  |
|                                                                                   | Commune: .....                    | Borehole coordinates (DMS units) : |  |
|                                                                                   | Village: .....                    | X (Long): ..... ° ..... ' ..... "  |  |
| Hamlet: .....                                                                     | Y (Lat.): ..... ° ..... ' ..... " |                                    |  |

### GENERAL INFORMATION

|                                                                                                                     |                                          |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Date of provisional acceptance: ...../...../.....                                                                   | Yield after full development: ..... m3/h |
| Date borehole drilling/rehabilitation completed: ...../...../.....                                                  | Date pump installed: ...../...../.....   |
| Date superstructure construction completed: ...../...../.....                                                       |                                          |
| <b>Note: Attach the technical information on the borehole, on the pump acceptance and on the pump installation.</b> |                                          |

### SUPERSTRUCTURE DIMENSIONS

| <u>Concrete foundation</u> | <u>Concrete apron</u> | <u>Walls</u>     | <u>Drainage channel</u> | <u>Water trough</u> | <u>Soak away pit</u> |
|----------------------------|-----------------------|------------------|-------------------------|---------------------|----------------------|
| Length/Diam:.....m         | Length/Diam:.....m    | Length:.....m    | Length:.....m           | Length:.....m       | Depth:.....m         |
| Width:.....m               | Width:.....m          | Thickness:.....m | Width:.....m            | Width:.....m        | Length/Diam: .....m  |
| Height:.....m              | Height:.....m         | Height:.....m    | Height:.....m           | Height:.....m       | Width: .....m        |
|                            |                       |                  | Depth:.....m            | Depth:.....m        |                      |

## BOREHOLE FITTED WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

### INFORMATION ON THE SUPERSTRUCTURE

| Have the contractual dimensions of the different parts of the infrastructure been respected? |     |                          |                |     |                          |               |     |                          |                  |     |                          |
|----------------------------------------------------------------------------------------------|-----|--------------------------|----------------|-----|--------------------------|---------------|-----|--------------------------|------------------|-----|--------------------------|
| Concrete foundation                                                                          | Yes | <input type="checkbox"/> | Concrete apron | Yes | <input type="checkbox"/> | Fence/ Wall   | Yes | <input type="checkbox"/> | Drainage Channel | Yes | <input type="checkbox"/> |
|                                                                                              | No  | <input type="checkbox"/> |                | No  | <input type="checkbox"/> |               | No  | <input type="checkbox"/> |                  | No  | <input type="checkbox"/> |
| Water trough                                                                                 | Yes | <input type="checkbox"/> | Soak away      | Yes | <input type="checkbox"/> | Settling tank | Yes | <input type="checkbox"/> |                  | Yes | <input type="checkbox"/> |
|                                                                                              | No  | <input type="checkbox"/> |                | No  | <input type="checkbox"/> |               | No  | <input type="checkbox"/> |                  | No  | <input type="checkbox"/> |

### STATE OF THE SUPERSTRUCTURE

**Test the resistance of the concrete: with a hammer give 2 little blows on the different parts of the superstructure and see how it responds.**

**Concrete foundation:**    Good state ☐    Cracked ☐    Big cracks ☐    Other: .....

**Concrete aprons:**    Good state ☐    Cracked ☐    Big cracks ☐    Other: .....

**Wall:**    Good state ☐    Cracked ☐    Big cracks ☐    Other: .....

**Channel:**    Good state ☐    Cracked ☐    Big cracks ☐    Other: .....

**Water trough:**    Good state ☐    Cracked ☐    Big cracks ☐    Other: .....

**Soak-away pit:**    Good state ☐    Cracked ☐    Big cracks ☐    Other: .....

**Cover slabs:**    Good state ☐    Cracked ☐    Big cracks ☐    Other: .....

Other comments:

.....

.....

## BOREHOLE FITTED WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

### INFORMATION ON THE PUMP

|                                                                                                                                                                                                                                                                                                                            |                                                                               |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------|
| Pump Make and Model: .....                                                                                                                                                                                                                                                                                                 | Pump serial N°: .....                                                         | Date of installation:<br>...../...../..... |
| Depth of installation: .....m                                                                                                                                                                                                                                                                                              | General appearance of the pump: .....                                         |                                            |
| <b>Pump fixing:</b> Good <input type="checkbox"/> Unsteady <input type="checkbox"/> Bad <input type="checkbox"/> Other comments: .....                                                                                                                                                                                     |                                                                               |                                            |
| <b>Leakage test</b> (to be conduct after stopping the pump for 30 minutes):                                                                                                                                                                                                                                                |                                                                               |                                            |
| The water comes out after .....pump strokes                                                                                                                                                                                                                                                                                | Is there leaking?    Yes <input type="checkbox"/> No <input type="checkbox"/> |                                            |
| <b>Yield test:</b><br>Begin the yield test after the pump has been in use continuously. Give pump strokes during approximately 1 minute (approximately 40 pump strokes) while collecting the water in a bucket.<br><br>Quantity of water collected >10 liters?    Yes <input type="checkbox"/> No <input type="checkbox"/> |                                                                               |                                            |

|                                                                      |                              |                             |
|----------------------------------------------------------------------|------------------------------|-----------------------------|
| Ask to the users if the pump has broken down since it was installed? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Number of breakdowns?: ..... Nature of breakdowns?: .....            |                              |                             |

### WATER QUALITY

|                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                 |                                                |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Water quality:</b>                                                                                                                                                                                                                                                                                                                                                                                                                       | Clear <input type="checkbox"/> | Turbid <input type="checkbox"/> | Presence of particles <input type="checkbox"/> | Presence of odour <input type="checkbox"/> |
| <b>Control of sand content:</b><br>Pump 10 litres of water in a bucket (the volume of the bucket should be higher than 10 litres), give a rotation movement (with one hand) to the water until you obtain a Vortex. Let the water stabilize in the bucket and measure the diameter of sand patch in the bucket (It must not exceed 1 cm).<br><br>Diameter of sand patch > 1 cm?    Yes <input type="checkbox"/> No <input type="checkbox"/> |                                |                                 |                                                |                                            |
| Other comments: .....                                                                                                                                                                                                                                                                                                                                                                                                                       |                                |                                 |                                                |                                            |

## BOREHOLE FITTED WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

### VERIFICATION OF THE EXISTENCE OF PARTIALS PROVISIONAL ACCEPTANCES OR TECHNICAL DOCUMENTS

Are the partials provisional acceptances documents or the technical documents of the different elements mentioned below available?

|                                                            |     |                          | Observations |                                                       |     |                          | Observations |
|------------------------------------------------------------|-----|--------------------------|--------------|-------------------------------------------------------|-----|--------------------------|--------------|
| <b>Borehole :</b>                                          | Yes | <input type="checkbox"/> |              | <b>Hand pump:</b>                                     | Yes | <input type="checkbox"/> |              |
|                                                            | No  | <input type="checkbox"/> |              |                                                       | No  | <input type="checkbox"/> |              |
| <b>water<br/>quality<br/>analysis by a<br/>laboratory:</b> | Yes | <input type="checkbox"/> |              | <b>Yield testing<br/>data and<br/>interpretation:</b> | Yes | <input type="checkbox"/> |              |
|                                                            | No  | <input type="checkbox"/> |              |                                                       | No  | <input type="checkbox"/> |              |

### GENERAL COMMENTS/ CORRECTIONS TO BE MADE / WORKS TO REDO

.....

.....

.....

.....

### NAMES & SIGNATURES

For Contractor

For the  
Consultant

For Water  
Management  
Committee/Community

For the project

For Water  
services

For the Commune

\_\_\_\_\_

\_\_\_\_\_

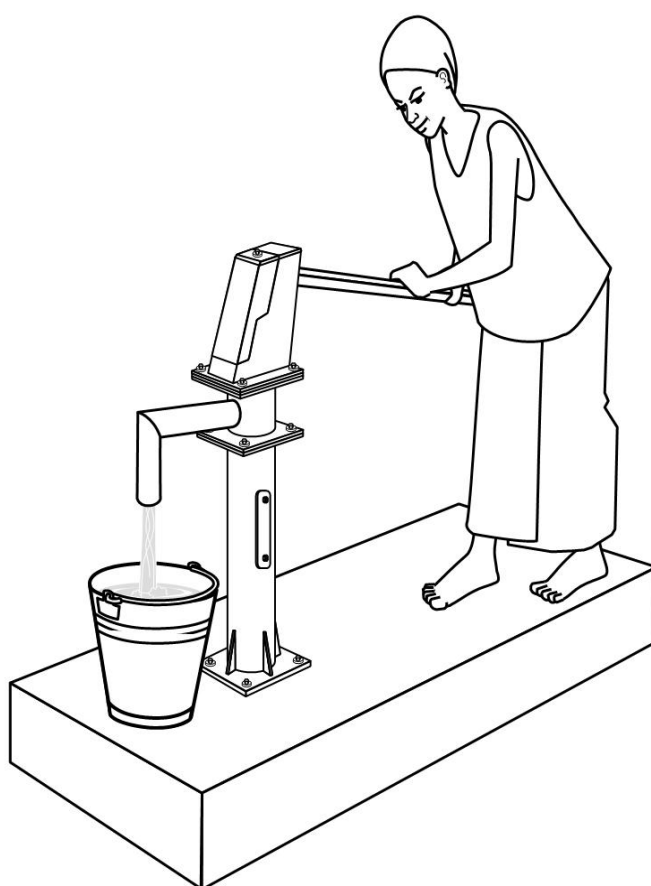
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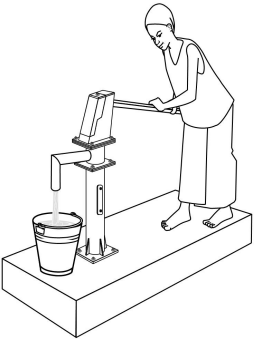
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## 2. BOREHOLE FITTED WITH HAND/FOOT PUMP: FINAL ACCEPTANCE FORM



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# BOREHOLE FITTED WITH HAND/FOOT PUMP: FINAL ACCEPTANCE FORM

|                                                                                   |                                   |                                    |
|-----------------------------------------------------------------------------------|-----------------------------------|------------------------------------|
|  | Country: .....                    | N°: .....                          |
|                                                                                   | Region: .....                     | Name of Contractor: .....          |
|                                                                                   | Province: .....                   | .....                              |
|                                                                                   | Commune: .....                    | Borehole coordinates (DMS units) : |
|                                                                                   | Village: .....                    | X (Long): ..... ° ..... ' ..... "  |
| Hamlet: .....                                                                     | Y (Lat.): ..... ° ..... ' ..... " |                                    |

## GENERAL INFORMATION

|                                                                                                                                 |                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Date of final completion:...../...../.....                                                                                      | Water level in the borehole at the final completion:<br>.....m/ground |
| Date of provisional acceptance: ...../...../.....                                                                               |                                                                       |
| <b>Note: Attach a copy of the provisional acceptance and copies of technical information on the borehole and the hand pump.</b> |                                                                       |

## STATE OF THE SUPERSTRUCTURE

**Test the resistance of the concrete: with a hammer give 2 little blows on the different parts of the superstructure and see how it responds.**

|                             |                                     |                                  |                                     |              |
|-----------------------------|-------------------------------------|----------------------------------|-------------------------------------|--------------|
| <b>Concrete foundation:</b> | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Concrete aprons:</b>     | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Wall:</b>                | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Channel:</b>             | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Water trough:</b>        | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Soak-away pit:</b>       | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Cover slab:</b>          | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |

**Other comments:**  
.....  
.....  
.....

## BOREHOLE FITTED WITH HAND/FOOT PUMP: FINAL ACCEPTANCE FORM

### INFORMATION ON THE PUMP

|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                               |                                                          |                                             |                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------|
| Pump Make and Model: .....                                                                                                                                                                                                                                                                                                                                                                      | Pump serial N°: .....                                                         | Date of the provisional acceptance:<br>...../...../..... |                                             |                                                                               |
| General appearance of the pump: .....                                                                                                                                                                                                                                                                                                                                                           |                                                                               |                                                          |                                             |                                                                               |
| <b>Pump fixing:</b> Good <input type="checkbox"/> Bad <input type="checkbox"/> Unsteady <input type="checkbox"/> Other comments: .....                                                                                                                                                                                                                                                          |                                                                               |                                                          |                                             |                                                                               |
| <b>Leakage test</b> (to be conduct after stopping the pump for 30 minutes):<br><table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 5px;">The water comes out after .....pump strokes</td> <td style="padding: 5px;">           Is there leaking?    Yes <input type="checkbox"/>    No <input type="checkbox"/> </td> </tr> </table> |                                                                               |                                                          | The water comes out after .....pump strokes | Is there leaking?    Yes <input type="checkbox"/> No <input type="checkbox"/> |
| The water comes out after .....pump strokes                                                                                                                                                                                                                                                                                                                                                     | Is there leaking?    Yes <input type="checkbox"/> No <input type="checkbox"/> |                                                          |                                             |                                                                               |
| <b>Yield test:</b><br>Begin the yield test after the pump has been in use continuously. Give pump strokes during approximately 1 minute (approximately 40 pump strokes) while collecting the water in a bucket.<br><br>Quantity of water collected >10 liters?    Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                      |                                                                               |                                                          |                                             |                                                                               |

|                                                                         |                              |                             |
|-------------------------------------------------------------------------|------------------------------|-----------------------------|
| Ask users if the pump has broken down since the provisional acceptance? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Number of breakdowns?: ..... Nature of breakdowns?: .....               |                              |                             |

### WATER QUALITY

|                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                 |                                                |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Water quality:</b>                                                                                                                                                                                                                                                                                                                                                                                                                       | Clear <input type="checkbox"/> | Turbid <input type="checkbox"/> | Presence of particles <input type="checkbox"/> | Presence of odour <input type="checkbox"/> |
| <b>Control of sand content:</b><br>Pump 10 litres of water in a bucket (the volume of the bucket should be higher than 10 litres), give a rotation movement (with one hand) to the water until you obtain a Vortex. Let the water stabilize in the bucket and measure the diameter of sand patch in the bucket (It must not exceed 1 cm).<br><br>Diameter of sand patch > 1 cm?    Yes <input type="checkbox"/> No <input type="checkbox"/> |                                |                                 |                                                |                                            |
| Other comments: .....                                                                                                                                                                                                                                                                                                                                                                                                                       |                                |                                 |                                                |                                            |

## BOREHOLE FITTED WITH HAND/FOOT PUMP: FINAL ACCEPTANCE FORM

### VERIFICATION OF THE EXISTENCE OF PROVISIONAL ACCEPTANCE OR TECHNICAL DOCUMENTS

Are the provisional acceptance documents or the technical documents of the different elements mentioned below available?

|                   |     |                          | Observations |                   |     |                          | Observations |
|-------------------|-----|--------------------------|--------------|-------------------|-----|--------------------------|--------------|
| <b>Borehole :</b> | Yes | <input type="checkbox"/> |              | <b>Hand pump:</b> | Yes | <input type="checkbox"/> |              |
|                   | No  | <input type="checkbox"/> |              |                   | No  | <input type="checkbox"/> |              |

### GENERAL COMMENTS/ CORRECTIONS TO BE MADE / WORKS TO REDO

### NAMES & SIGNATURES

For Contractor

For the  
Consultant

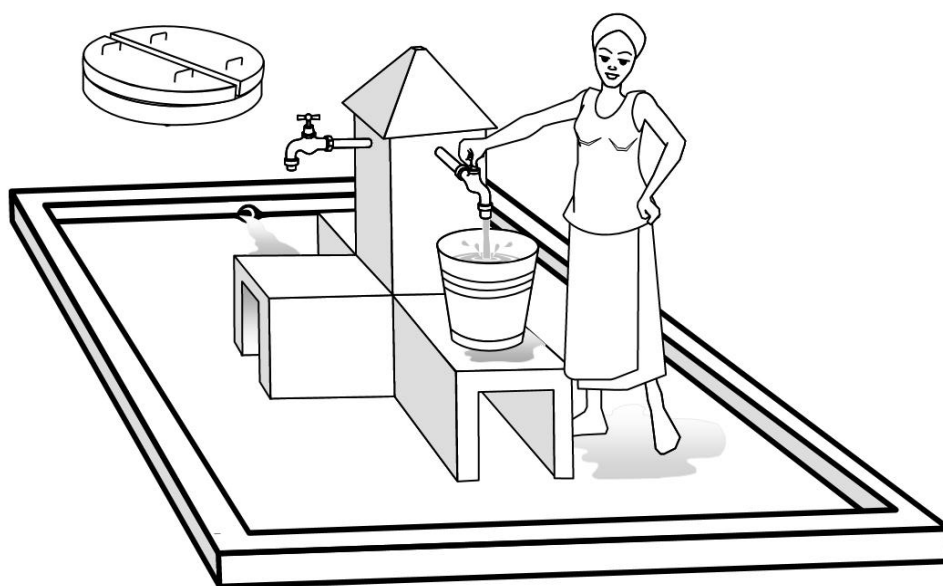
For Water  
Management  
Committee/Community

For the project

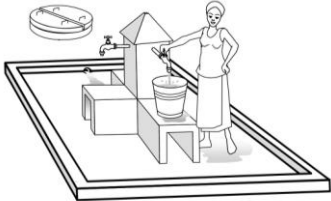
For Water  
services

For the  
Commune

### 3. BOREHOLE AND GRAVITY DISTRIBUTION WITH SUBMERSIBLE PUMP POWERED BY SOLAR ENERGY: PROVISIONAL ACCEPTANCE FORM



Copyright GWI

|                                                                                   |                 |                                    |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|
|  | Country: .....  | N°: .....                          |
|                                                                                   | Region: .....   | Name of Contractor: .....          |
|                                                                                   | Province: ..... | .....                              |
|                                                                                   | Commune: .....  | Borehole coordinates (DMS units) : |
|                                                                                   | Village: .....  | X (Long): ..... ° ..... ' ..... "  |
|                                                                                   | Hamlet: .....   | Y (Lat.): ..... ° ..... ' ..... "  |

## GENERAL INFORMATION

|                                                                                                                                                     |                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Date of provisional acceptance:<br>...../...../.....                                                                                                |                                          |
| Date of borehole drilling/rehabilitation completed: ...../...../.....                                                                               | Yield after full development: ..... m3/h |
| Date of piped water network construction completion:<br>...../...../.....                                                                           | Average flow through operating: .....    |
| <b>Note: Attach copies of each technical acceptance made (borehole, solar generator, electric pump, inverter, water tower, water network, etc.)</b> |                                          |

## BOREHOLE &amp; PLATFORM

|                                                                                                                                                                                                                                                                                                                                                                          |                                                                                          |                                                     |                                   |                                                     |                             |                             |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water level in the borehole : .....m/sol                                                                                                                                                                                                                                                                                                                                 | Is the borehole protected against seepage of surface water? Yes <input type="checkbox"/> |                                                     |                                   |                                                     |                             |                             |                             |
| Concrete apron characteristics: Length/diam..... Width ..... Height .....                                                                                                                                                                                                                                                                                                | No <input type="checkbox"/>                                                              |                                                     |                                   |                                                     |                             |                             |                             |
| <b>State of the concrete foundation :</b><br>Good <input type="checkbox"/> Cracked <input type="checkbox"/> Big cracks <input type="checkbox"/> Other: .....                                                                                                                                                                                                             |                                                                                          |                                                     |                                   |                                                     |                             |                             |                             |
| <b>State of the water meter on the borehole:</b><br><table border="0"> <tr> <td>Good? Yes <input type="checkbox"/></td> <td>New? Yes <input type="checkbox"/></td> <td>Functioning correctly? Yes <input type="checkbox"/></td> </tr> <tr> <td>No <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> </table> |                                                                                          | Good? Yes <input type="checkbox"/>                  | New? Yes <input type="checkbox"/> | Functioning correctly? Yes <input type="checkbox"/> | No <input type="checkbox"/> | No <input type="checkbox"/> | No <input type="checkbox"/> |
| Good? Yes <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                       | New? Yes <input type="checkbox"/>                                                        | Functioning correctly? Yes <input type="checkbox"/> |                                   |                                                     |                             |                             |                             |
| No <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                              | No <input type="checkbox"/>                                                              | No <input type="checkbox"/>                         |                                   |                                                     |                             |                             |                             |

**SOLAR GENERATOR**

|                                                                                                  |  |                              |                                                                                        |  |                              |
|--------------------------------------------------------------------------------------------------|--|------------------------------|----------------------------------------------------------------------------------------|--|------------------------------|
| <b>Solar panels</b>                                                                              |  |                              |                                                                                        |  |                              |
| Do the solar panels meet the specified characteristics in the design documents?                  |  | Yes <input type="checkbox"/> | Is the number of the solar panels as specified in the design and contract documents?   |  | Yes <input type="checkbox"/> |
|                                                                                                  |  | No <input type="checkbox"/>  |                                                                                        |  | No <input type="checkbox"/>  |
|                                                                                                  |  |                              | Are the solar panels new?                                                              |  | Yes <input type="checkbox"/> |
|                                                                                                  |  |                              |                                                                                        |  | No <input type="checkbox"/>  |
| Are the solar panels in a good state (no breaks, no visible damage)?                             |  |                              | Is the inclination of the solar panels correct?                                        |  |                              |
| Yes <input type="checkbox"/>                                                                     |  |                              | Yes <input type="checkbox"/>                                                           |  |                              |
| No <input type="checkbox"/>                                                                      |  |                              | No <input type="checkbox"/>                                                            |  |                              |
| <b>Solar panel wiring</b>                                                                        |  |                              |                                                                                        |  |                              |
| Are the wires (type, section) in accordance with those specified?                                |  | Yes <input type="checkbox"/> | Are the wire connections well-made and all within connection boxes?                    |  | Yes <input type="checkbox"/> |
|                                                                                                  |  | No <input type="checkbox"/>  |                                                                                        |  | No <input type="checkbox"/>  |
| Are the wire connections well tightened? (pull some wires at random)                             |  | Yes <input type="checkbox"/> | Is the "earthing" in place and has it been connected well?                             |  | Yes <input type="checkbox"/> |
|                                                                                                  |  | No <input type="checkbox"/>  |                                                                                        |  | No <input type="checkbox"/>  |
| <b>Solar panel stands</b>                                                                        |  |                              |                                                                                        |  |                              |
| Are the stands in accordance with those specified in the design and contract (type of material)? |  | Yes <input type="checkbox"/> | Are the stands protected against corrosion?                                            |  | Yes <input type="checkbox"/> |
|                                                                                                  |  | No <input type="checkbox"/>  |                                                                                        |  | No <input type="checkbox"/>  |
| Are the stands vertical?                                                                         |  | Yes <input type="checkbox"/> | Are the stands well aligned?                                                           |  | Yes <input type="checkbox"/> |
|                                                                                                  |  | No <input type="checkbox"/>  |                                                                                        |  | No <input type="checkbox"/>  |
| Are the foundations for the solar panel stands of the correct dimensions?                        |  |                              | Are the concrete foundations for the stands of good quality?                           |  | Yes <input type="checkbox"/> |
|                                                                                                  |  |                              |                                                                                        |  | No <input type="checkbox"/>  |
| <b>Solar panel enclosure</b>                                                                     |  |                              |                                                                                        |  |                              |
| Is the fencing material in accordance with the material specified in the design?                 |  | Yes <input type="checkbox"/> | Is the gauge of the wire mesh fencing in accordance with that specified in the design? |  | Yes <input type="checkbox"/> |
|                                                                                                  |  | No <input type="checkbox"/>  |                                                                                        |  | No <input type="checkbox"/>  |
| Is the height of the fencing in accordance with the height specified in the design?              |  | Yes <input type="checkbox"/> | Are the foundation dimensions of the stand post for the fencing correct?               |  | Yes <input type="checkbox"/> |
|                                                                                                  |  | No <input type="checkbox"/>  |                                                                                        |  | No <input type="checkbox"/>  |

|                                                            |                              |                                                                               |                              |
|------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------|------------------------------|
| Are the stand-posts of the fencing well fixed in concrete? | Yes <input type="checkbox"/> | Are the concrete foundations of the stands of good quality?                   | Yes <input type="checkbox"/> |
|                                                            | No <input type="checkbox"/>  |                                                                               | No <input type="checkbox"/>  |
| Is the lock /padlock of the fencing enclosure being used?  | Yes <input type="checkbox"/> | Is the lock or the padlock of the fencing enclosure of the specified quality? | Yes <input type="checkbox"/> |
|                                                            | No <input type="checkbox"/>  |                                                                               | No <input type="checkbox"/>  |

**INVERTER AND SUBMERSIBLE ELECTRIC PUMP**

|                                                                                                                                                    |                              |                                          |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------|------------------------------|
| Does the pump yield as much as the expected yield in the design specifications (measure the yield using the water meter on the borehole platform)? |                              | Yes <input type="checkbox"/>             | No <input type="checkbox"/>  |
| Does the inverter have the characteristics specified in the design?                                                                                | Yes <input type="checkbox"/> | Is the inverter working?                 | Yes <input type="checkbox"/> |
|                                                                                                                                                    | No <input type="checkbox"/>  |                                          | No <input type="checkbox"/>  |
|                                                                                                                                                    |                              | Is the inverter properly fixed in place? | Yes <input type="checkbox"/> |
|                                                                                                                                                    |                              |                                          | No <input type="checkbox"/>  |

**ELEVATED WATER TANK**

|                                                                          |                              |                                                                         |                              |
|--------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------|------------------------------|
| Water tank volume: .....m3                                               |                              | Height under the tank: .....m                                           |                              |
| Is the tank capacity as specified?                                       | Yes <input type="checkbox"/> | Is the height under the tank in accordance with the specified height?   | Yes <input type="checkbox"/> |
|                                                                          | No <input type="checkbox"/>  |                                                                         | No <input type="checkbox"/>  |
| Is there a washout pipe?                                                 | Yes <input type="checkbox"/> | Is there an overflow pipe?                                              | Yes <input type="checkbox"/> |
|                                                                          | No <input type="checkbox"/>  |                                                                         | No <input type="checkbox"/>  |
| Are the washout and the distribution valves working and in a good state? | Yes <input type="checkbox"/> | Does the water tank have a good coat of paint (if it is made of metal)? | Yes <input type="checkbox"/> |
|                                                                          | No <input type="checkbox"/>  |                                                                         | No <input type="checkbox"/>  |
| Does the water tank have any leaks?                                      | Yes <input type="checkbox"/> | Is the concrete foundation for the water tank stand of good quality?    | Yes <input type="checkbox"/> |
|                                                                          | No <input type="checkbox"/>  |                                                                         | No <input type="checkbox"/>  |

## PUBLIC STAND-POSTS

|                                                                                                |                              |                                                                                                |                              |
|------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------|------------------------------|
| What is the total number of public stand-posts in the gravity system? : .....                  |                              |                                                                                                |                              |
| Is the number of public stand-post constructed in accordance with the number in the design?    | Yes <input type="checkbox"/> | Have the stand-posts been built where they were actually designed to be built?                 | Yes <input type="checkbox"/> |
|                                                                                                | No <input type="checkbox"/>  |                                                                                                | No <input type="checkbox"/>  |
| Are the designs of the public stand-posts and of the other parts in accordance with the plans? | Yes <input type="checkbox"/> | Are the dimensions of the different parts in the designs respected in what was actually built? | Yes <input type="checkbox"/> |
|                                                                                                | No <input type="checkbox"/>  |                                                                                                | No <input type="checkbox"/>  |
| Are all the water meters new?                                                                  | Yes <input type="checkbox"/> | Are all the water meters working well?                                                         | Yes <input type="checkbox"/> |
|                                                                                                | No <input type="checkbox"/>  |                                                                                                | No <input type="checkbox"/>  |
| Are all the taps new?                                                                          | Yes <input type="checkbox"/> | Are all the taps working well?                                                                 | Yes <input type="checkbox"/> |
|                                                                                                | No <input type="checkbox"/>  |                                                                                                | No <input type="checkbox"/>  |

## STATE OF THE PUBLIC STAND-POSTS

**Test the resistance of the concrete:** with a hammer give 2 little blows on the different parts of the superstructure and see how it reacts

|                                 |                                     |                                  |                                                  |
|---------------------------------|-------------------------------------|----------------------------------|--------------------------------------------------|
| <b>Taps:</b>                    | No leaks <input type="checkbox"/>   | Leaks <input type="checkbox"/>   | Other: .....                                     |
| <b>Water meters:</b>            | No leaks <input type="checkbox"/>   | Leaks <input type="checkbox"/>   | Other: .....                                     |
| <b>Tap plinths:</b>             | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> Other: ..... |
| <b>Concrete aprons:</b>         | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> Other: ..... |
| <b>Drainage channels:</b>       | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> Other: ..... |
| <b>Soak-away:</b>               | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> Other: ..... |
| <b>Soak-away concrete slab:</b> | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> Other: ..... |
| <b>Inspection chamber:</b>      | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> Other: ..... |
| <b>Inspection chamber slab:</b> | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> Other: ..... |
| <b><u>Other comments:</u></b>   |                                     |                                  |                                                  |
| .....                           |                                     |                                  |                                                  |
| .....                           |                                     |                                  |                                                  |

## WATER DELIVERY AND DISTRIBUTION NETWORK

|                                                                                       |                              |                                     |                              |
|---------------------------------------------------------------------------------------|------------------------------|-------------------------------------|------------------------------|
| Has the trenching for the pipes been correctly back- filled?                          | Yes <input type="checkbox"/> | Are there any leaks in the network? | Yes <input type="checkbox"/> |
|                                                                                       | No <input type="checkbox"/>  |                                     | No <input type="checkbox"/>  |
| Are there marker posts at acceptable intervals showing where the pipe-lines are laid? | Yes <input type="checkbox"/> | Other comments:<br>.....            |                              |
|                                                                                       | No <input type="checkbox"/>  |                                     |                              |

## WATER QUALITY

|                       |                                |                                 |                                                |                                            |
|-----------------------|--------------------------------|---------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Water quality:</b> | Clear <input type="checkbox"/> | Turbid <input type="checkbox"/> | Presence of particles <input type="checkbox"/> | Presence of odour <input type="checkbox"/> |
| Other comments: ..... |                                |                                 |                                                |                                            |

## VERIFICATION OF THE EXISTENCE OF PARTIALS PROVISIONAL ACCEPTANCES OR TECHNICAL DOCUMENTS

Are the partials provisional acceptances documents or the technical documents of the different elements of the system mentioned below been shown?

|                                                                                                               | Observations |                                                                                                              | Observations |
|---------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------|--------------|
| <b>Borehole :</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                              |              | <b>Solar generator:</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                       |              |
| <b>Electric pump:</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                          |              | <b>Inverter:</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                              |              |
| <b>Water tower:</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                            |              | <b>Distribution network :</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                 |              |
| <b>Water quality analysis by a laboratory:</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> |              | <b>Yield testing data and interpretation:</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> |              |

**GENERAL COMMENTS/ CORRECTIONS TO BE MADE / WORKS TO REDO**

|  |
|--|
|  |
|  |
|  |
|  |

**NAMES & SIGNATURES**

For Contractor

For the  
Consultant

For Water  
Management  
Committee/Community

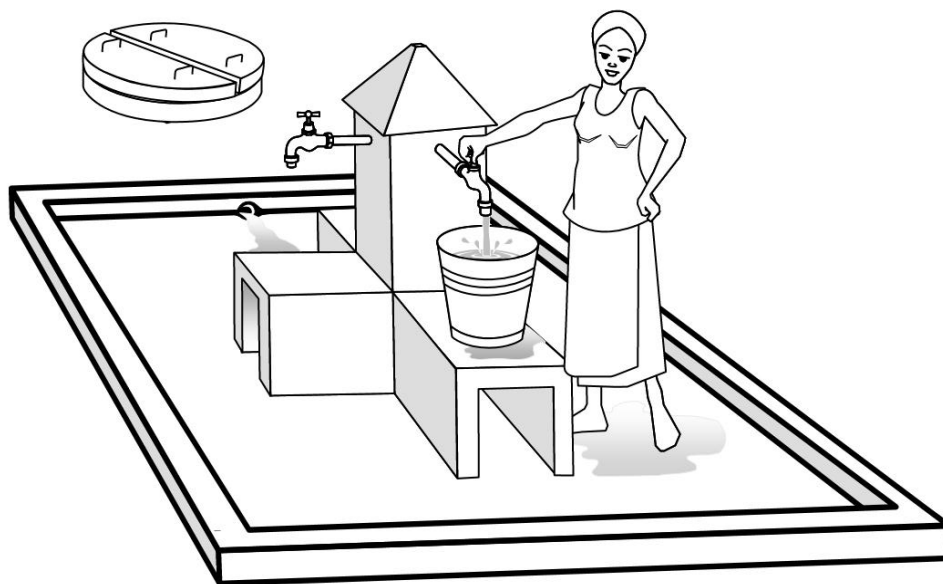
For the project

For Water  
services

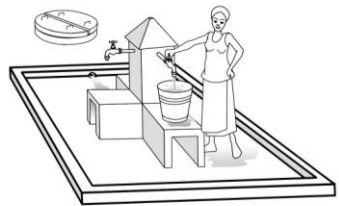
For the Commune

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#### 4. BOREHOLE AND GRAVITY DISTRIBUTION WITH SUBMERSIBLE PUMP POWERED BY SOLAR ENERGY: FINAL ACCEPTANCE FORM



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|                                                                                   |                                   |                                                                    |
|-----------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------|
|  | Country: .....                    | N°: <table border="1" style="width: 100px; height: 30px;"></table> |
|                                                                                   | Region: .....                     | Name of Contractor: .....                                          |
|                                                                                   | Province: .....                   | .....                                                              |
|                                                                                   | Commune: .....                    | Borehole coordinates (DMS units) :                                 |
|                                                                                   | Village: .....                    | X (Long): ..... ° ..... ' ..... "                                  |
| Hamlet: .....                                                                     | Y (Lat.): ..... ° ..... ' ..... " |                                                                    |

## GENERAL INFORMATION

|                                                                                                                                                                     |                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Date of final completion:...../...../.....                                                                                                                          | Water level in the borehole at the final completion:<br><br>.....m/ground |
| Date of provisional acceptance: ...../...../.....                                                                                                                   |                                                                           |
| <b>Note: Attach a copy of the provisional acceptance, copies of technical information on the system, and a copy of the final acceptance of the solar generator.</b> |                                                                           |

## STATE OF THE BOREHOLE PLATFORM

|                                       |                                  |                                      |                                     |              |
|---------------------------------------|----------------------------------|--------------------------------------|-------------------------------------|--------------|
| <b>Concrete foundation</b>            | Good <input type="checkbox"/>    | Cracked <input type="checkbox"/>     | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Water meter on the borehole</b>    | Working <input type="checkbox"/> | Not working <input type="checkbox"/> | Other: .....                        |              |
| <b>Other comments:</b> .....<br>..... |                                  |                                      |                                     |              |

## STATE OF THE SOLAR GENERATOR

|                                       |                                         |                                   |              |
|---------------------------------------|-----------------------------------------|-----------------------------------|--------------|
| <b>Solar panels/ cells:</b>           | Normal working <input type="checkbox"/> | Failure <input type="checkbox"/>  | Other: ..... |
| <b>Solar panel wires:</b>             | Good state <input type="checkbox"/>     | impaired <input type="checkbox"/> | Other: ..... |
| <b>Other comments:</b> .....<br>..... |                                         |                                   |              |

## STATE OF THE SOLAR PANELS STANDS AND OF THE ENCLOSURE

|                                                |                                     |                                  |              |
|------------------------------------------------|-------------------------------------|----------------------------------|--------------|
| <b>Foundations of the solar panel stands:</b>  | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Other: ..... |
| <b>Foundations of the fencing stand-posts:</b> | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/> | Other: ..... |
| <b>Other comments:</b> .....                   |                                     |                                  |              |
| .....                                          |                                     |                                  |              |

## STATE OF THE INVERTER AND OF THE SUBMERSIBLE ELECTRIC PUMP

|                                                                                                                                                              |                                  |                                      |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|-----------------------------|
| <b>Does the pump yield</b> as much as the expected yield in the design specifications?<br>(measure the yield using the water meter on the borehole platform) |                                  | Yes <input type="checkbox"/>         | No <input type="checkbox"/> |
| <b>Is the Inverter working?</b>                                                                                                                              | Working <input type="checkbox"/> | Not working <input type="checkbox"/> | Other: .....                |
| <b>Other comments:</b> .....                                                                                                                                 |                                  |                                      |                             |
| .....                                                                                                                                                        |                                  |                                      |                             |

## STATE OF THE ELEVATED WATER TANK

|                                             |                                     |                                       |              |
|---------------------------------------------|-------------------------------------|---------------------------------------|--------------|
| <b>Concrete of the platform:</b>            | Good state <input type="checkbox"/> | Cracked <input type="checkbox"/>      | Other: ..... |
| <b>Pipes:</b>                               | Leaks <input type="checkbox"/>      | No leak <input type="checkbox"/>      | Other: ..... |
| <b>Tank:</b>                                | Leaks <input type="checkbox"/>      | No leak <input type="checkbox"/>      | Other: ..... |
| <b>Valves:</b>                              | Working <input type="checkbox"/>    | Not working <input type="checkbox"/>  | Other: ..... |
| <b>Tank interior paint:</b>                 | Good state <input type="checkbox"/> | Deteriorated <input type="checkbox"/> | Other: ..... |
| <b>Tank exterior and other parts paint:</b> | Good state <input type="checkbox"/> | Deteriorated <input type="checkbox"/> | Other: ..... |
| <b>Other comments:</b> .....                |                                     |                                       |              |
| .....                                       |                                     |                                       |              |

## STATE OF THE PUBLIC STAND-POSTS

|                                 |            |                          |         |                          |              |                                       |
|---------------------------------|------------|--------------------------|---------|--------------------------|--------------|---------------------------------------|
| <b>Taps:</b>                    | No leaks   | <input type="checkbox"/> | Leaks   | <input type="checkbox"/> | Other: ..... |                                       |
| <b>Water meters:</b>            | No leaks   | <input type="checkbox"/> | Leaks   | <input type="checkbox"/> | Other: ..... |                                       |
| <b>Tap plinths:</b>             | Good state | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> Other: ..... |
| <b>Concrete aprons:</b>         | Good state | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> Other: ..... |
| <b>Drainage channels:</b>       | Good state | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> Other: ..... |
| <b>Soak-away:</b>               | Good state | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> Other: ..... |
| <b>Soak-away concrete slab:</b> | Good state | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> Other: ..... |
| <b>Inspection chamber:</b>      | Good state | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> Other: ..... |
| <b>Inspection chamber slab:</b> | Good state | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> Other: ..... |
| <b>Other comments:</b>          |            |                          |         |                          |              |                                       |
| .....                           |            |                          |         |                          |              |                                       |
| .....                           |            |                          |         |                          |              |                                       |

## STATE OF THE WATER DISTRIBUTING NETWORK

|                                             |         |                          |          |                          |              |  |
|---------------------------------------------|---------|--------------------------|----------|--------------------------|--------------|--|
| <b>State of pipe distribution network :</b> | Leaking | <input type="checkbox"/> | No leaks | <input type="checkbox"/> | Other: ..... |  |
| <b>Other comments:</b> .....                |         |                          |          |                          |              |  |
| .....                                       |         |                          |          |                          |              |  |

## WATER QUALITY

|                              |       |                          |        |                          |                       |                          |                   |                          |
|------------------------------|-------|--------------------------|--------|--------------------------|-----------------------|--------------------------|-------------------|--------------------------|
| <b>Water quality:</b>        | Clear | <input type="checkbox"/> | Turbid | <input type="checkbox"/> | Presence of particles | <input type="checkbox"/> | Presence of odour | <input type="checkbox"/> |
| <b>Other comments:</b> ..... |       |                          |        |                          |                       |                          |                   |                          |

## VERIFICATION OF THE EXISTENCE OF PROVISIONAL ACCEPTANCE DOCUMENTS

Are copy of provisional acceptance and other technical documents been shown?

|                                        |     |                          | Observations |                                               |     |                          | Observations |
|----------------------------------------|-----|--------------------------|--------------|-----------------------------------------------|-----|--------------------------|--------------|
| <b>Borehole final acceptance:</b>      | Yes | <input type="checkbox"/> |              | <b>Solar generator final acceptance:</b>      | Yes | <input type="checkbox"/> |              |
|                                        | No  | <input type="checkbox"/> |              |                                               | No  | <input type="checkbox"/> |              |
| <b>Electric pump final acceptance:</b> | Yes | <input type="checkbox"/> |              | <b>Inverter final acceptance:</b>             | Yes | <input type="checkbox"/> |              |
|                                        | No  | <input type="checkbox"/> |              |                                               | No  | <input type="checkbox"/> |              |
| <b>Water tower final acceptance:</b>   | Yes | <input type="checkbox"/> |              | <b>Distribution network final acceptance:</b> | Yes | <input type="checkbox"/> |              |
|                                        | No  | <input type="checkbox"/> |              |                                               | No  | <input type="checkbox"/> |              |

**GENERAL COMMENTS/ CORRECTIONS TO BE MADE / WORKS TO REDO**

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### NAMES & SIGNATURES

**For Contractor**

**For the**  
**Consultant**

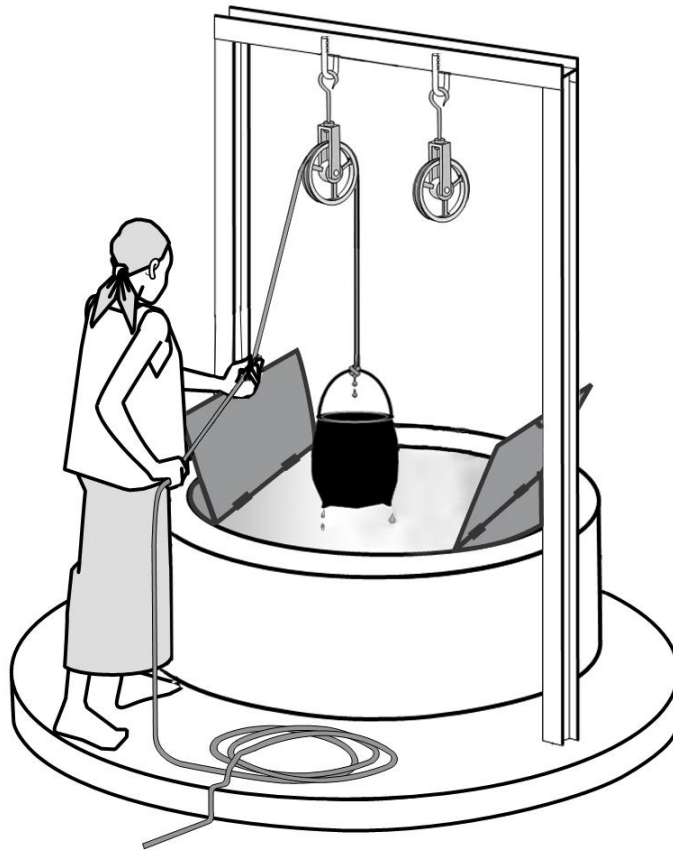
**For Water  
Management  
Committee/Community**

For the project

**For Water**  
**services**

**For the Commune**

## 5. IMPROVED HAND-DUG WELL WITH PULLEYS: PROVISIONAL ACCEPTANCE FORM



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# IMPROVED HAND-DUG WELL WITH PULLEYS: PROVISIONAL ACCEPTANCE FORM

|                                                                                   |                                   |                                   |
|-----------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
|  | Country: .....                    | N°: .....                         |
|                                                                                   | Region: .....                     | Name of Contractor: .....         |
|                                                                                   | Province: .....                   | .....                             |
|                                                                                   | Commune: .....                    | Well coordinates (DMS units) :    |
|                                                                                   | Village: .....                    | X (Long): ..... ° ..... ' ..... " |
| Hamlet: .....                                                                     | Y (Lat.): ..... ° ..... ' ..... " |                                   |

## GENERAL INFORMATION

|                                                                                                       |                                             |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Date of provisional acceptance: ...../...../.....                                                     | Daily volume usable: .....m <sup>3</sup> /h |
| Date well construction completed: ...../...../.....                                                   |                                             |
| Date superstructure construction completed: ...../...../.....                                         |                                             |
| <b>Note: attach the technical information sheet on this well, including the superstructure plans.</b> |                                             |

## STATE OF THE WELL AT THE PROVISIONAL ACCEPTANCE

|                                                                                     |                            |
|-------------------------------------------------------------------------------------|----------------------------|
| Total depth of the well : .....m                                                    | Water level: .....m/ground |
| Depth of the top of the perforated concrete part of the well lining : .....m/ground |                            |

## SUPERSTRUCTURE DIMENSIONS

| <u>Headwork</u>    | <u>Concrete apron</u> | <u>Fencing Walls</u> | <u>Drainage channel</u> | <u>Water trough</u> | <u>Soak away pit</u> |
|--------------------|-----------------------|----------------------|-------------------------|---------------------|----------------------|
| Length/Diam:.....m | Length/Diam:.....m    | Length:.....m        | Length:.....m           | Length:.....m       | Length/Diam: .....m  |
| Width:.....m       | Width:.....m          | Thickness:.....m     | Width:.....m            | Width:.....m        | Width: .....m        |
| Height:.....m      | Height:.....m         | Height:.....m        | Height:.....m           | Height:.....m       | Depth:.....m         |
|                    |                       |                      | Depth:.....m            | Depth:.....m        | Subfoundation        |
|                    |                       |                      |                         | Thickness:.....m    | Height:.....m        |

## IMPROVED HAND-DUG WELL WITH PULLEYS: PROVISIONAL ACCEPTANCE FORM

### INFORMATION ON THE HEADWORKS, THE CONCRETE RINGS, AND THE POROUS CONCRETE RINGS

|                                                                                                      |                                                                                                            |                                                                                                          |                                                                                                             |  |  |  |  |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--|--|--|--|
| <b>Have the contractual dimensions of the different parts been respected?</b>                        |                                                                                                            |                                                                                                          |                                                                                                             |  |  |  |  |
| <b>Height of the headworks</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>        | <b>Thickness of the headworks</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>           | <b>Diameter of the concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>      | <b>Height of the concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>           |  |  |  |  |
| <b>Thickness of the concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Diameter of the porous concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Height of the porous concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Thickness of the porous concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> |  |  |  |  |

### STATE OF THE HEADWORKS, CONCRETE RINGS AND POROUS CONCRETE RINGS

|                              |                               |                                  |                                     |              |
|------------------------------|-------------------------------|----------------------------------|-------------------------------------|--------------|
| <b>Headworks:</b>            | Good <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Concrete ring:</b>        | Good <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Porous concrete ring:</b> | Good <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Other comments:</b> ..... |                               |                                  |                                     |              |
| .....                        |                               |                                  |                                     |              |

### INFORMATION ON THE SUPERSTRUCTURE

|                                                                                                     |                                                                                          |                                                                                                   |                                                                                        |                                                                                    |  |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|
| <b>Have the contractual dimensions of the different parts of the infrastructure been respected?</b> |                                                                                          |                                                                                                   |                                                                                        |                                                                                    |  |
| <b>Entrance</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                      | <b>Concrete apron</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>     | <b>Fence/ Wall</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                 | <b>Drainage Channel</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Water trough</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> |  |
| <b>Soakaway</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                      | <b>Inspection chamber</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Does the well have a cover?</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> |                                                                                        |                                                                                    |  |

# IMPROVED HAND-DUG WELL WITH PULLEYS: PROVISIONAL ACCEPTANCE FORM

## STATE OF THE SUPERSTRUCTURE

**Test the resistance of the concrete:** with a hammer give 2 little blows on the different parts of the superstructure and see how it responds.

|                                       |      |                          |           |                          |            |                          |              |
|---------------------------------------|------|--------------------------|-----------|--------------------------|------------|--------------------------|--------------|
| <b>Concrete apron:</b>                | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks | <input type="checkbox"/> | Other: ..... |
| <b>Fencing wall:</b>                  | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks | <input type="checkbox"/> | Other: ..... |
| <b>Drainage channel:</b>              | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks | <input type="checkbox"/> | Other: ..... |
| <b>Water trough:</b>                  | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks | <input type="checkbox"/> | Other: ..... |
| <b>Soak-away:</b>                     | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks | <input type="checkbox"/> | Other: ..... |
| <b>Slab cover for soak-away:</b>      | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks | <input type="checkbox"/> | Other: ..... |
| <b>Inspection chamber concrete:</b>   | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks | <input type="checkbox"/> | Other: ..... |
| <b>Inspection chamber cover slab:</b> | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks | <input type="checkbox"/> | Other: ..... |
| <b>Well cover:</b>                    | Good | <input type="checkbox"/> | Bad state | <input type="checkbox"/> | Other:     | .....                    | .....        |

Other comments: .....  
 .....

## WATER LIFTING DEVICE

|                                                                              |                              |                                                                                                                                             |                              |
|------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Is there a water lifting frame?                                              | Yes <input type="checkbox"/> | Are the characteristics of the material (type, thickness ... ) of the water lifting frame in accordance with the specified characteristics? | Yes <input type="checkbox"/> |
|                                                                              | No <input type="checkbox"/>  |                                                                                                                                             | No <input type="checkbox"/>  |
| Is the water lifting frame well protected (e.g. with a good layer of paint)? | Yes <input type="checkbox"/> | Are the dimensions of the water lifting frame in accordance with the specified dimensions?                                                  | Yes <input type="checkbox"/> |
|                                                                              | No <input type="checkbox"/>  |                                                                                                                                             | No <input type="checkbox"/>  |
| Is the water lifting frame well fixed?                                       | Yes <input type="checkbox"/> | Are the characteristics of the material of the pulleys in accordance with the specified characteristics?                                    | Yes <input type="checkbox"/> |
|                                                                              | No <input type="checkbox"/>  |                                                                                                                                             | No <input type="checkbox"/>  |
| Is the number of pulleys in accordance with the number requested?            | Yes <input type="checkbox"/> | Other comments: .....                                                                                                                       |                              |
|                                                                              | No <input type="checkbox"/>  |                                                                                                                                             |                              |

# IMPROVED HAND-DUG WELL WITH PULLEYS: PROVISIONAL ACCEPTANCE FORM

## WATER QUALITY

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Water quality:</b> .....Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Presence of particles <input type="checkbox"/> Presence of odour <input type="checkbox"/> |
| Other comments: .....                                                                                                                                                               |

## VERIFICATION OF THE EXISTENCE OF PARTIALS PROVISIONAL ACCEPTANCES OR TECHNICAL DOCUMENTS

Are the partials provisional acceptances documents or the technical documents of the different elements mentioned below available?

|                                                |     |                          | Observations |                                               |     |                          | Observations |
|------------------------------------------------|-----|--------------------------|--------------|-----------------------------------------------|-----|--------------------------|--------------|
| <b>Well :</b>                                  | Yes | <input type="checkbox"/> |              | <b>Water lifting frame:</b>                   | Yes | <input type="checkbox"/> |              |
|                                                | No  | <input type="checkbox"/> |              |                                               | No  | <input type="checkbox"/> |              |
| <b>water quality analysis by a laboratory:</b> | Yes | <input type="checkbox"/> |              | <b>Yield testing data and interpretation:</b> | Yes | <input type="checkbox"/> |              |
|                                                | No  | <input type="checkbox"/> |              |                                               | No  | <input type="checkbox"/> |              |

## GENERAL COMMENTS/ CORRECTIONS TO BE MADE / WORKS TO REDO

## NAMES & SIGNATURES

For Contractor

For the  
Consultant

For Water  
Management  
Committee/Community

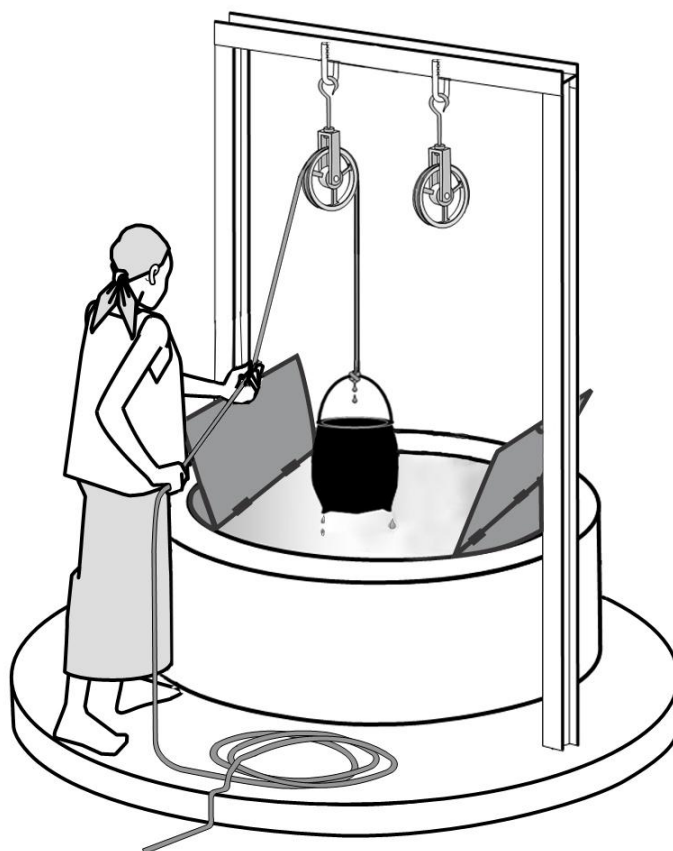
For the project

For Water  
services

For the Commune

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## 6. IMPROVED HAND-DUG WELL WITH PULLEYS: FINAL ACCEPTANCE FORM



Copyright GWI

## IMPROVED HAND-DUG WELL WITH PULLEYS: FINAL ACCEPTANCE FORM

|                                                                                   |                                   |                                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------|
|  | Country: .....                    | N°: <div style="border: 1px solid black; width: 100px; height: 20px; display: inline-block;"></div> |
|                                                                                   | Region: .....                     | Name of Contractor: .....                                                                           |
|                                                                                   | Province: .....                   | .....                                                                                               |
|                                                                                   | Commune: .....                    | Well coordinates (DMS units) :                                                                      |
|                                                                                   | Village: .....                    | X (Long): ..... ° ..... ' ..... "                                                                   |
| Hamlet: .....                                                                     | Y (Lat.): ..... ° ..... ' ..... " |                                                                                                     |

### GENERAL INFORMATION

|                                                   |                                                                                                                 |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Date of final completion:...../...../.....        | Water rest level at the final completion:.....m/ground                                                          |
| Date of provisional acceptance: ...../...../..... | <b>Note: Attach a copy of the provisional acceptance document and technical information sheet on this well.</b> |

### STATE OF THE CONCRETE RINGS, THE POROUS CONCRETE RINGS, THE HEADWORKS AND THE SUPERSTRUCTURE

|                                |      |                          |         |                          |              |                          |              |
|--------------------------------|------|--------------------------|---------|--------------------------|--------------|--------------------------|--------------|
| Concrete ring:                 | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Porous concrete ring:          | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Headworks:                     | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Concrete apron:                | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Fencing wall:                  | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Drainage channel:              | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Water trough:                  | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Soak-away:                     | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Slab cover for soak-away:      | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Inspection chamber concrete:   | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Inspection chamber cover slab: | Good | <input type="checkbox"/> | Cracked | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| Well cover:                    | Good | <input type="checkbox"/> | Bad     | <input type="checkbox"/> | Other: ..... |                          |              |

Other comments: .....

|                                    |        |                          |                          |                          |
|------------------------------------|--------|--------------------------|--------------------------|--------------------------|
| <b>State of the lifting frame:</b> | Good   | <input type="checkbox"/> | Broken                   | <input type="checkbox"/> |
| <b>Lifting frame fixing:</b>       | Strong | <input type="checkbox"/> | Unsteady or out of place | <input type="checkbox"/> |

Other comments:

.....

.....

**Water quality:** .....Clear ☐ Turbid ☐ Presence of particles ☐ Presence of odour ☐

Other comments: .....

|               |     | Observations             |                                                |     | Observations             |
|---------------|-----|--------------------------|------------------------------------------------|-----|--------------------------|
| <b>Well :</b> | Yes | <input type="checkbox"/> | <b>Superstructure and water lifting frame:</b> | Yes | <input type="checkbox"/> |
|               | No  | <input type="checkbox"/> |                                                | No  | <input type="checkbox"/> |

## IMPROVED HAND-DUG WELL WITH PULLEYS: FINAL ACCEPTANCE FORM

### GENERAL COMMENTS/ CORRECTIONS TO BE MADE / WORKS TO REDO

|  |
|--|
|  |
|  |
|  |
|  |

### NAMES & SIGNATURES

For Contractor

For the  
Consultant

For Water  
Management  
Committee/Community

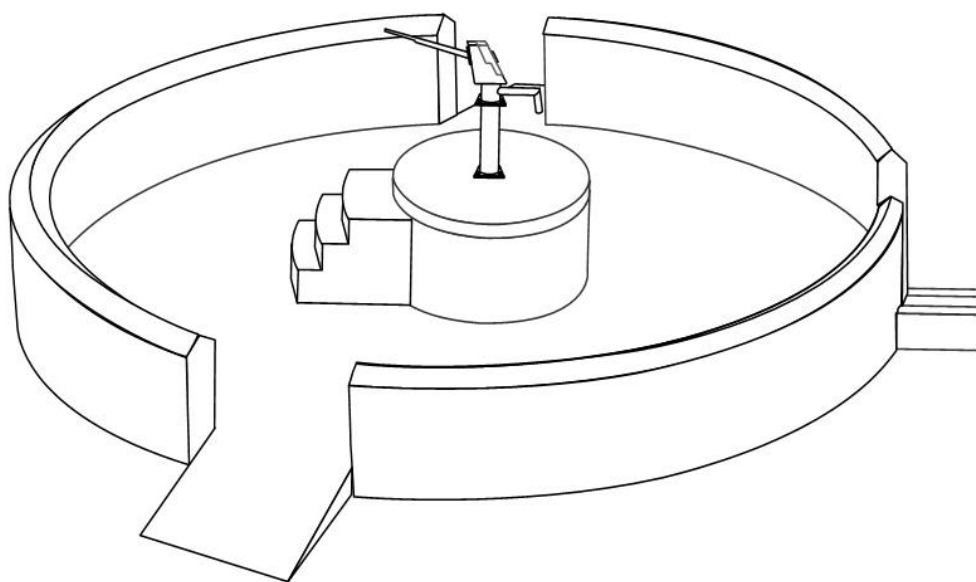
For the project

For Water  
services

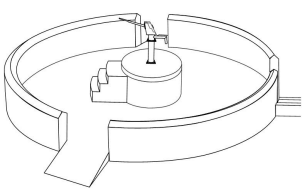
For the Commune

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## 7. IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM



# IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

|                                                                                   |                 |                                    |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|
|  | Country: .....  | N°: .....                          |
|                                                                                   | Region: .....   | Name of Contractor: .....          |
|                                                                                   | Province: ..... | .....                              |
|                                                                                   | Commune: .....  | Well coordinates (DMS units) :     |
|                                                                                   | Village: .....  | X (Long): ..... ° ..... ' ..... '' |
|                                                                                   | Hamlet: .....   | Y (Lat.): ..... ° ..... ' ..... '' |

## GENERAL INFORMATION

|                                                                                                                                      |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Date of provisional acceptance: ...../...../.....                                                                                    | Daily volume usable: .....m3/h         |
| Date well construction completed: ...../...../.....                                                                                  | Date pump installed: ...../...../..... |
| Date superstructure construction completed: ...../...../.....                                                                        |                                        |
| <b>Note: attach the technical information sheet on this well, including the superstructure plans and the pump installation form.</b> |                                        |

## STATE OF THE WELL AT THE PROVISIONAL ACCEPTANCE

|                                                                                     |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
| Total depth of the well : .....m                                                    | Water rest level: .....m/ground |
| Depth of the top of the perforated concrete part of the well lining : .....m/ground |                                 |

## SUPERSTRUCTURE DIMENSIONS

| <u>Headwork</u>    | <u>Concrete apron</u> | <u>Fencing Walls</u> | <u>Drainage channel</u> | <u>Water trough</u> | <u>Soak away pit</u> |
|--------------------|-----------------------|----------------------|-------------------------|---------------------|----------------------|
| Length/Diam:.....m | Length/Diam:.....m    | Length:.....m        | Length:.....m           | Length:.....m       | Length/Diam: .....m  |
| Width:.....m       | Width:.....m          | Thickness:.....m     | Width:.....m            | Width:.....m        | Width: .....m        |
| Height:.....m      | Height:.....m         | Height:.....m        | Height:.....m           | Height:.....m       | Depth:.....m         |
|                    |                       |                      | Depth:.....m            | Depth:.....m        | Subfoundation        |
|                    |                       |                      |                         | Thickness:.....m    | Height:.....m        |

## IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

### INFORMATION ON THE HEADWORKS, THE CONCRETE RINGS, AND THE POROUS CONCRETE RINGS

|                                                                                                      |                                                                                                            |                                                                                                          |                                                                                                             |  |  |  |  |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--|--|--|--|
| <b>Have the contractual dimensions of the different parts been respected?</b>                        |                                                                                                            |                                                                                                          |                                                                                                             |  |  |  |  |
| <b>Height of the headworks</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>        | <b>Thickness of the headworks</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>           | <b>Diameter of the concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>      | <b>Height of the concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>           |  |  |  |  |
| <b>Thickness of the concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Diameter of the porous concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Height of the porous concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Thickness of the porous concrete ring</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> |  |  |  |  |

### STATE OF THE HEADWORKS, CONCRETE RINGS AND POROUS CONCRETE RINGS

|                                                |                               |                                  |                                     |              |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------------------|--------------|
| <b>Headworks:</b>                              | Good <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Concrete ring:</b>                          | Good <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Porous concrete ring:</b>                   | Good <input type="checkbox"/> | Cracked <input type="checkbox"/> | Big cracks <input type="checkbox"/> | Other: ..... |
| <b>Other comments:</b> .....<br>.....<br>..... |                               |                                  |                                     |              |

### INFORMATION ON THE SUPERSTRUCTURE

|                                                                                                     |                                                                                          |                                                                                                   |                                                                                        |                                                                                    |  |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|
| <b>Have the contractual dimensions of the different parts of the infrastructure been respected?</b> |                                                                                          |                                                                                                   |                                                                                        |                                                                                    |  |
| <b>Entrance</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                      | <b>Concrete apron</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>     | <b>Fence/ Wall</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                 | <b>Drainage Channel</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Water trough</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> |  |
| <b>Soakaway</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/>                      | <b>Inspection chamber</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> | <b>Does the well have a cover?</b><br>Yes <input type="checkbox"/><br>No <input type="checkbox"/> |                                                                                        |                                                                                    |  |

# IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

## STATE OF THE SUPERSTRUCTURE

**Test the resistance of the concrete:** with a hammer give 2 little blows on the different parts of the superstructure and see how it responds.

|                                       |      |                          |           |                          |              |                          |              |
|---------------------------------------|------|--------------------------|-----------|--------------------------|--------------|--------------------------|--------------|
| <b>Concrete apron:</b>                | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Fencing wall:</b>                  | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Drainage channel:</b>              | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Water trough:</b>                  | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Soak-away:</b>                     | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Slab cover for soak-away:</b>      | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Inspection chamber concrete:</b>   | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Inspection chamber cover slab:</b> | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Well cover:</b>                    | Good | <input type="checkbox"/> | Bad state | <input type="checkbox"/> | Other: ..... |                          |              |

Other comments: .....  
 .....

## INFORMATION ON THE PUMP

|                                                                                                                                                                                                                                                                                                    |                               |                                                                            |                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------|----------------------------------------------------|
| Pump Make and Model: .....                                                                                                                                                                                                                                                                         |                               | Pump serial N°: .....                                                      | Date of installation: ...../...../.....            |
| Depth of installation: .....m                                                                                                                                                                                                                                                                      |                               | General appearance of the pump: .....                                      |                                                    |
| <b>Pump fixing:</b>                                                                                                                                                                                                                                                                                | Good <input type="checkbox"/> | Unsteady <input type="checkbox"/>                                          | Bad <input type="checkbox"/> Other comments: ..... |
| <b>Leakage test</b> (to be conduct after stopping the pump for 30 minutes):                                                                                                                                                                                                                        |                               |                                                                            |                                                    |
| The water comes out after .....pump strokes                                                                                                                                                                                                                                                        |                               | Is there leaking? Yes <input type="checkbox"/> No <input type="checkbox"/> |                                                    |
| <b>Yield test:</b><br>Begin the yield test immediately after the pump has been in use continuously. Give 40 pump strokes during approximately 1 minute while collecting the water in a bucket.<br>Quantity of water collected >10 liters? Yes <input type="checkbox"/> No <input type="checkbox"/> |                               |                                                                            |                                                    |

## IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

|                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ask to the users if the pump has broken down since the provisional acceptance? <span style="float: right;">Yes <input type="checkbox"/> No <input type="checkbox"/></span> |
| Number of breakdowns?: ..... Nature of breakdowns?: .....                                                                                                                  |

### WATER QUALITY

|                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Water quality:</b> .....Clear <input type="checkbox"/> <span style="margin-left: 20px;">Turbid <input type="checkbox"/></span> <span style="margin-left: 20px;">Presence of particles <input type="checkbox"/></span> <span style="margin-left: 20px;">Presence of odour <input type="checkbox"/></span> |
| Other comments: .....                                                                                                                                                                                                                                                                                       |

### VERIFICATION OF THE EXISTENCE OF PARTIALS PROVISIONAL ACCEPTANCES OR TECHNICAL DOCUMENTS

Are the partials provisional acceptances documents or the technical documents of the different elements mentioned below available?

|                                                |     |                          | Observations |                                               |     |                          | Observations |
|------------------------------------------------|-----|--------------------------|--------------|-----------------------------------------------|-----|--------------------------|--------------|
| <b>Well :</b>                                  | Yes | <input type="checkbox"/> |              | <b>Hand pump:</b>                             | Yes | <input type="checkbox"/> |              |
|                                                | No  | <input type="checkbox"/> |              |                                               | No  | <input type="checkbox"/> |              |
| <b>Water quality analysis by a laboratory:</b> | Yes | <input type="checkbox"/> |              | <b>Yield testing data and interpretation:</b> | Yes | <input type="checkbox"/> |              |
|                                                | No  | <input type="checkbox"/> |              |                                               | No  | <input type="checkbox"/> |              |

IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: PROVISIONAL ACCEPTANCE FORM

GENERAL COMMENTS/ CORRECTIONS TO BE MADE / WORKS TO REDO

|  |
|--|
|  |
|  |
|  |
|  |

NAMES & SIGNATURES

For Contractor

For the  
Consultant

For Water  
Management  
Committee/Community

For the project

For Water  
services

For the Commune

\_\_\_\_\_

\_\_\_\_\_

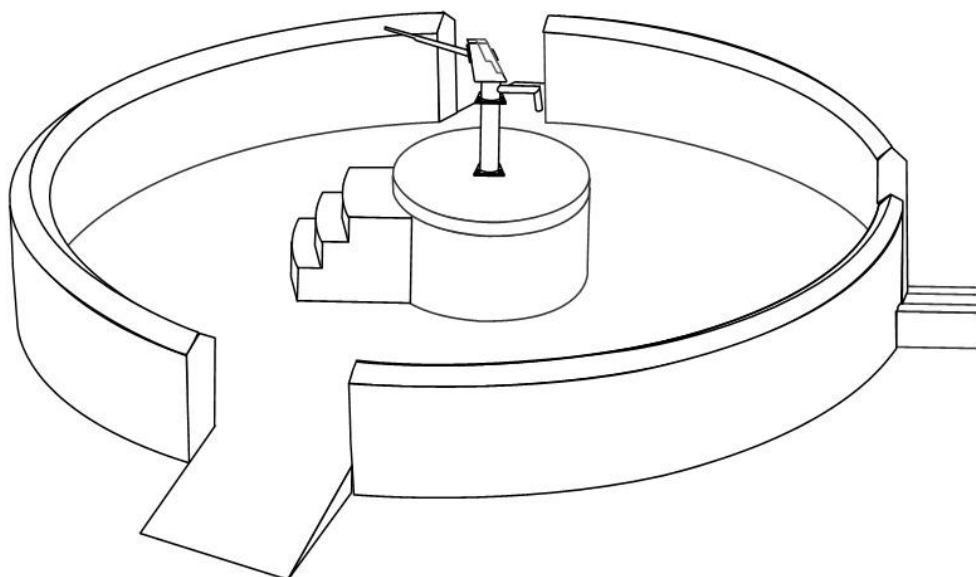
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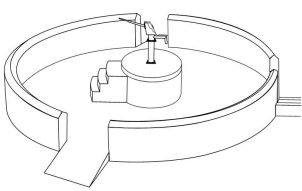
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## 8. IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: FINAL ACCEPTANCE FORM



# IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: FINAL ACCEPTANCE FORM

|                                                                                   |                 |                                    |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|
|  | Country: .....  | N°: <div></div>                    |
|                                                                                   | Region: .....   | Name of Contractor: .....          |
|                                                                                   | Province: ..... | .....                              |
|                                                                                   | Commune: .....  | Well coordinates (DMS units) :     |
|                                                                                   | Village: .....  | X (Long): ..... ° ..... ' ..... '' |
|                                                                                   | Hamlet: .....   | Y (Lat.): ..... ° ..... ' ..... '' |

## GENERAL INFORMATION

|                                                   |                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Date of final completion:...../...../.....        | Water rest level at the final completion:.....m/ground                                                                   |
| Date of provisional acceptance: ...../...../..... | <b>Note: Attach a copy of the provisional acceptance, copies of technical information on the well and the hand pump.</b> |

## STATE OF THE CONCRETE RINGS, THE POROUS CONCRETE RINGS, THE HEADWORKS AND THE SUPERSTRUCTURE

|                                       |      |                          |           |                          |              |                          |              |
|---------------------------------------|------|--------------------------|-----------|--------------------------|--------------|--------------------------|--------------|
| <b>Concrete ring:</b>                 | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Porous concrete ring:</b>          | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Head works:</b>                    | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Concrete apron:</b>                | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Fencing wall:</b>                  | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Drainage channel:</b>              | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Water trough:</b>                  | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Soak-away:</b>                     | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Slab cover for soak-away:</b>      | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Inspection chamber concrete:</b>   | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Inspection chamber cover slab:</b> | Good | <input type="checkbox"/> | Cracked   | <input type="checkbox"/> | Big cracks   | <input type="checkbox"/> | Other: ..... |
| <b>Well cover:</b>                    | Good | <input type="checkbox"/> | Bad state | <input type="checkbox"/> | Other: ..... |                          |              |

## IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: FINAL ACCEPTANCE FORM

Other comments: .....

.....

### INFORMATION ON THE PUMP

|                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               |                                                          |                                             |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------|
| Pump Make and Model: .....                                                                                                                                                                                                                                                                                                                                                                 | Pump serial N°: .....                                                         | Date of the provisional acceptance:<br>...../...../..... |                                             |                                                                               |
| General appearance of the pump: .....                                                                                                                                                                                                                                                                                                                                                      |                                                                               |                                                          |                                             |                                                                               |
| <b><u>Pump fixing:</u></b> Good <input type="checkbox"/> Unsteady <input type="checkbox"/> Bad <input type="checkbox"/> Other comments: .....                                                                                                                                                                                                                                              |                                                                               |                                                          |                                             |                                                                               |
| <b><u>Leakage test</u></b> (to be conduct after stopping the pump for 30 minutes):<br><table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 5px;">The water comes out after .....pump strokes</td> <td style="padding: 5px;">Is there leaking?    Yes <input type="checkbox"/>    No <input type="checkbox"/></td> </tr> </table> |                                                                               |                                                          | The water comes out after .....pump strokes | Is there leaking?    Yes <input type="checkbox"/> No <input type="checkbox"/> |
| The water comes out after .....pump strokes                                                                                                                                                                                                                                                                                                                                                | Is there leaking?    Yes <input type="checkbox"/> No <input type="checkbox"/> |                                                          |                                             |                                                                               |
| <b><u>Yield test:</u></b><br>Begin the yield test immediately after the pump has been in use continuously. Give 40 pump strokes during approximately 1 minute while collecting the water in a bucket.<br><br>Quantity of water collected >10 liters?                      Yes <input type="checkbox"/> No <input type="checkbox"/>                                                         |                                                                               |                                                          |                                             |                                                                               |

|                                                                             |                              |                             |
|-----------------------------------------------------------------------------|------------------------------|-----------------------------|
| Ask the users if the pump has broken down since the provisional acceptance? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Number of breakdowns?: ..... Nature of breakdowns?: .....                   |                              |                             |

### WATER QUALITY

|                       |                                |                                 |                                                |                                            |
|-----------------------|--------------------------------|---------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Water quality:</b> | Clear <input type="checkbox"/> | Turbid <input type="checkbox"/> | Presence of particles <input type="checkbox"/> | Presence of odour <input type="checkbox"/> |
| Other comments: ..... |                                |                                 |                                                |                                            |

## IMPROVED HAND-DUG WELL WITH HAND/FOOT PUMP: FINAL ACCEPTANCE FORM

### VERIFICATION OF THE EXISTENCE OF PROVISIONAL ACCEPTANCE OR TECHNICAL DOCUMENTS

Are the provisional acceptance documents or the technical documents of the different elements mentioned below available?

|               |     |                          | Observations |                   |     |                          | Observations |
|---------------|-----|--------------------------|--------------|-------------------|-----|--------------------------|--------------|
| <b>Well :</b> | Yes | <input type="checkbox"/> |              | <b>Hand pump:</b> | Yes | <input type="checkbox"/> |              |
|               | No  | <input type="checkbox"/> |              |                   | No  | <input type="checkbox"/> |              |

### GENERAL COMMENTS/ CORRECTIONS TO BE MADE / WORKS TO REDO

### NAMES & SIGNATURES

For Contractor

For the  
Consultant

For Water  
Management  
Committee/Community

For the project

For Water  
services

For the Commune

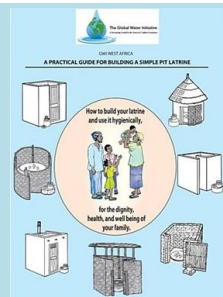
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## The GWI Technical Series: Hardware Quality for Sustainable Water & Sanitation:

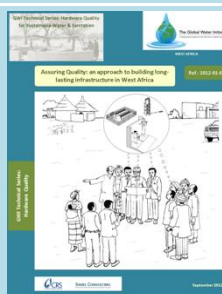
A practical guide for building a simple pit latrine.

ref.: 2011-01-E



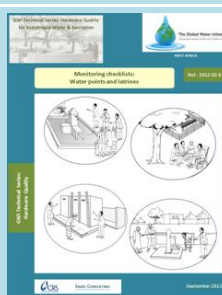
Assuring Quality: an approach to building long-lasting infrastructure in West Africa.

ref.: 2012-01-E



Monitoring checklists: water points and latrines.

ref.: 2012-02-E



Community monitoring of borehole construction: a training guideline.

ref.: 2012-03-E



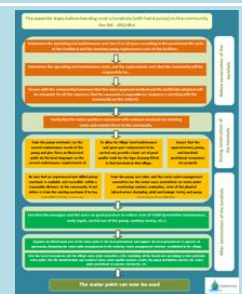
Contracting for water point construction: Provisional and final acceptance forms.

ref.: 2012-04-E



The essential steps before handing-over a borehole (with hand pump) to the community.

ref.: 2012-05-E



Community monitoring during the construction of a gravity-fed, solar powered water supply: a training guideline.

ref.: 2012-06-E



Making the right choice: comparing your rural water technology options.

ref.: 2012-07-E



These documents are also available in French.

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