



Islamic Republic of Afghanistan  
Ministry of Rural Rehabilitation and  
Development (MRRD)



# National Rural Water Supply, Sanitation and Irrigation Programme (Ru-WatSIP)

Monthly  
Progress  
Report  
October

2016



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## Abbreviation Key

AC-CLTS	Afghan-Context Community-Led Total Sanitation
CDCs	Community Development Councils
CHWs	Community Health Worker
DDAs	District Development Assemblies
FHAGs	Family Health Action Groups
HPU	Hygiene Promotion Unit
M&E	Monitoring and Evaluation
MoF	Ministry of Finance
ODF	Open Defecation Free
ODF	Open Defecation Free
Ru-WatSIP	Rural Water Supply, Sanitation and Irrigation Programme
WHO	World Health Organization
WQC	Water Quality Control

## Executive Summary

- In October 2016, the Hygiene Promotion Unit (HPU) of national Rural Water Supply, Sanitation and Irrigation Programme (Ru-WatSIP) certified some 49 villages as Open Defecation Free (ODF) in Bamyan, Daykundi and Badghis provinces;
- Some 13 water supply projects, which were financially supported by Ministry of Finance (MoF), have been completed; while 55 others recently completed;
- Some 52 other hand pumps-equipped water points, which were funded by UNICEF, have been completed and handed over during this month;
- The Water Quality Control (WQC) unit of Ru-WatSIP has collected and tested three water samples, which had been taken from water sources in Kabul and Badakhshan provinces;
- The Monitoring and Evaluation (M&E) unit had handed over three water projects and monitored the construction tasks of three other water supply projects in Faryab, Panjsher and Samangan province.
- The Hydrogeology and Geophysics (H&G) unit of Ru-WatSIP has conducted two hydro-geological observation surveys, selecting suitable sites for seven deep wells in Kabul and Parwan provinces.

## I. Hygiene Promotion Unit

### Project Implementation Progress

During October 2016, the HPU which is implementing the Afghan-Context Community-Led Total Sanitation (AC-CLTS), was carrying out this method in Badghis, Helmand, Bamyan, Daykundi, Badakhshan, Farah, Ghor and Nangarhar provinces. In the course of this month, they have performed the following tasks:

- Some 49 villages have been certified and 54 others verified as Open Defecation Free (ODF) in center of Bamyan, Nili district of Daykundi and Qala-i-Naw and Abkamri districts of Badghis province;
- Around 716 latrines have been newly built while some 2,862 others improved in the aforementioned provinces;
- Some 1,094 community elders including Mula Imams, Malik and community activists and around 1347 Family Health Action Groups (FHAGs) have been trained, and
- In 28 villages, located in Helmand, Bamyan, Badakhshan and Farah provinces, the first phase of AC-CLTS approach, triggering step, was successfully conducted.

For further details, please refer to Annex I at the end of this report.



CLTS triggering facilitated in Maghzdar community Yaftal-e-Paen district Badakhshan province

## **Project Implementation Challenges**

### **Risks and Issues**

- Security drawbacks in all abovementioned provinces
- Late arrival of confirmed budget
- Lack of qualified staff at the provincial level
- Lack of budget in hand

### **Plan for the Next Month**

- Follow up of all those villages which have been verified ODF;
- Carrying out the certifying process at ODF villages;
- Conducting hygiene education workshops for the community elders of the CLTS implementing areas;
- Conducting hygiene education sessions in the CLTS implementing areas for female Community Health Worker (CHWs) and FHAGs;
- Monitoring the field activities;
- Conducting CLTS refresher and hygiene education trainings for the CLTS teams in Provinces;

## **II. MoF funded Projects**

### **Project Implementation Progress**

In the course of October 2016, some 13 water supply projects, which have been supported by MoF, have been completed; while some 55 others have been contracted with related Community Development Councils (CDCs) and District Development Assemblies (DDAs).

The completed projects cover the construction of six solar-powered water supply systems and an irrigation canal (2,673m) which was contracted in four phases in Panjwayi district of Kandahar province; six wells in Dara-e-Soof district of Samangan province; three wells in Mohammad Afgha district of Logar province, one deep well with water reservoir in Tani district of Khost province; two water supply networks in Shahrستان district and one network and five wells in Miramor district of Daykundi province.

Costing AFN 30,279,335 and creating 19473 labor days; with the completion of these wells around 14,175 individuals benefitted.

The newly contracted projects include the construction of 117 drinking water wells in Kabul, Parwan, Faryab, Kandahar, Ghazni, Daykundi, Baghlan, and Ghor provinces; five water reservoirs in Badghis province; 25 solar powered water supply systems in Kandahar,

Zabul, Khost and Nangarhar provinces; 17 water supply networks in Panjsher, Kabul, Takhar, Nuristan, Ghor and Daykundi and Badakhshan provinces; and a retaining wall with the length of 390.5 m and a 28.7 m canal which was contracted in five phases in Kandahar province.

These projects will cost AFN 71,017,796 and create around 51,976 labor days for the residents of the related localities.

### **Project Implementation Challenges**

#### **Risks and Issue**

- During this month, no challenge or issue, in relation with MoF-related projects, has been given.

#### **Plan for the next Month**

- Documentation of newly planned projects;
- Starting procurement process of new projects, and
- Handover of completed projects.

### **III. Nimroz Project**

#### **Project Implementation Progress**

In relation with MoF water supply pipe network, the following tasks have been reported during October 2016:

- Totally, 5, cubic meter trench has been excavated;
- Around cubic meter of trench has been trimmed and bedded for pipe installation;
- Around m pipe with 63mm diameter, m pipe with 75mm diameter, m pipe with 90mm diameter, 11 m pipe with 110mm diameter, 588m pipe with 280mm diameter and 1864m pipe with 355mm diameter have been installed;
- Totally, 1,558 cubic meter of trench has been backfilled with 30cm materials, and
- At least 2,914 cubic meter of trench has been backfilled with final layer.
- Totally, meters of pipe has been installed.

### **Project Implementation Challenges**

#### **Risks and Issue**

During this month, no challenge or risk has been reported.



### Plan for the Next Month

- Installation of rest of transmission line;
- Installation of fittings of pipes;
- Hydrostatic test of installed pipe, and
- Construction of Administration building and water reservoir.

## IV. UNICEF-Supported WASH Projects

### Project Implementation Progress

In October 2016, some 52 water points, which were fitted with hand pumps, completed and handed over for exploitation. These water points include boring of five wells in Khas Kunar of Kunar province; 20 bore wells in Khogyani district and 10 bore wells in Batikot district of Nangarhar province; construction of 10 bore wells in Merzaki district of Paktia province and seven bore wells in Dand district of Kandahar province.

The total cost of AFN 4,962,949 and with its hand over, around 7,800 individuals got access to improved drinking water.



Community people during water from the newly built water points in Nangarhar province by Ru-WatSIP

Besides, during this month, some 15 water supply pipes schemes - a number of which will be newly built and other to be rehabilitated- and construction of 16 water points were contracted with related CDCs/DDAs.

The first covers construction of nine gravity-fed water supply systems in Yakawlang district and center of Bamyan province; two solar powered water supply systems in Shinwari district of Parwan province; rehabilitation of water supply components in Enjil and Kohsan districts of Herat province; two solar powered water supply systems in

Mamogai (Dara-I-Pech district) of Kunar and one solar-ran water supply network in Sorkh Rod district of Nangarhar province. The total cost of these projects is estimated AFN 46,858,362.

The later encompasses construction of 11 bore wells in Alingar district and five bore wells in Mehtarlam center of Laghman province. This will cost AFN 46,858,362.

## **Project Implementation Challenges**

### **Risks and Issue**

- Security constraints
- Delay in the payment process
- Delay in the survey and design process

### **Plan for the Next Month**

- Monitoring and evaluation of new WASH projects
- Survey and Design of new planned projects
- Preparing the new WASH contracts with CDCs/DDAs
- Preparing the payments and submitting to the finance department for the process

## **V. Water Quality Control Unit**

### **Project Implementation Progress**

During October 2016, the WQCU of national Ru-WatSIP collected and analyzed three water samples, which were taken from water sources in Kabul and Badakhshan provinces.

Of these three water samples, two of them were taken from the water supply scheme and mineral water, located in 4<sup>th</sup> district of Kabul province, and one other sample of water was taken from the spring, located in Saadat villages of Darayem district of Badakhshan province. Coordinates and details are tabulated below.

After these water samples were tested in the laboratory and its results were analyzed, existence of physicochemical and bacteriological parameters were exist in one water sample which were taken from water supply scheme located in 4<sup>th</sup> district of Kabul province. In this water, the quantity of three chemical parameters which include Total hardness, potassium and Magnesium were much than the permissible limit of Afghanistan drinking water quality standard and World Health Organization (WHO) guidelines, and therefore, its water is not suitable for drinking. The WQC Unit recommended filtration of this source so that it is safe for drinking. However, the physical/Chemical and bacteriological parameters in two other water samples which had been taken from spring located in Saadat village of Darayem district of Badakhshan province and mineral water located in 4<sup>th</sup> district of Kabul province the water of these sources were safe for drinking and has no risk for health.

## Project Implementation Challenges

### Risks and Issues

During this month, no risks or an issue has been reported.

### Plan for the Next Month

- Preparing five types of medium for cultivation of bacteria in Ru-WatSIP water quality Laboratory;
- Preparing training (water quality testing in household surveys and E. Coli testing using field kits) with the support of UNICEF Water Quality Consultant second round.
- Recalibration the Flam photometer for analysis of potassium and sodium.
- Collecting water samples from Darayem district of Badakhshan province.

**Table 1: Examined water sources coordinates**

Province	Districts	Villages	Location	Samples code	Source of Water
<b>Kabul</b>	four district	4 <sup>th</sup> Macroyan	Water Supply Scheme	016-228	Water Supply scheme
<b>Badakhshan</b>	four district	4 <sup>th</sup> Macroyan	Mineral water Bottle	016-229	Mineral water (20 liter drum)
<b>Badakhshan</b>	Darayem	Saadat	Chashma Kalan	016-061	Spring

## **VI. Monitoring and Evaluation Unit**

### **Project Implementation Progress**

During October 2016, the M&E Unit of Ru-WatSIP has handed over three water supply project in Faryab, Panjsher, and Samangan provinces; while monitored the construction tasks of three other water supply projects in Faryab and Panjsher provinces.

The handed over projects are as below:

- Some 12 wells, fitted with hand pumps, in Andkhoy district of Faryab province;
- One water supply network in Rokha district of Panjsher province, and
- Some six wells, equipped with hand pumps, in Dara-e-Soof Bala district of Samangan province.

The total cost of these projects is AFN 6,626,898 which was funded by MoF, providing safe drinking water for around 680 families.

The monitored projects include:

- One water supply pipe schemes in Rokha district of Panjsher province; and
- A water supply project in Andkhoy district of Faryab province.

Based on the monitoring reports, the first project work progressed 50% while the later project construction was 70 %.

### **Project Implementation Challenges**

#### **Risks and Issues**

During this month, not setback against the M&E unit work has been reported.

#### **Plan for the Next Month**

- Monitoring of MOF project
- Monitoring of UNICEF project
- Some project will hand over in the next month

## VII. Hydrogeology and Geophysics

### Project Implementation Progress

The H&G unit of Ru-WatSIP has reported its work progress in October 2016, as below:

- Hydro-Geological observation survey & well sites selection of 7 deep wells located in Loya Jirga Khima, Puli Hassan and ARG of Kabul city as well as Dehsabz and Char Asiab district of Kabul province have been completed;
- Inspection of one well located at Anaba district of Panjsher province
- Hydro-Geological survey of Eshq Abad village in Jabal Seraj district of Parwan province.
- Geophysical investigation at five location of Nawroz Celebration palace in Paghman district of Kabul province.
- The designs, cost estimations and Bill of Quantities (BoQs) of 19 wells, located in Ashraf Khil district of Balkh province, Aqa Sari, Zargaran, Qalai Musali & Amir Shah village in Farza district, Jawz Tangi Sayedan in Chahar Asiab district, Chahil Soton in 7<sup>th</sup> district, & Dasti Barchi in 13<sup>th</sup> district, Shahrak Khochiha & China village in Khak Jabr district of Kabul province have been completed.

### Project Implementation Challenges

#### Risks and Issues

- No risk or challenge has been reported.

#### Plan for the Next Month

- Conducting geophysical investigation surveys in many district of Baghlan province.

## VIII. Financial Updates

**Table 2: Ru-WatIP's Monthly Financial Update for October 2016**

October 2016 |

No	Projects	Budget			Works	Operations	Total Expenditure	Balance	Utilized %	Remarks
		Planned Fund Budget USD	Funded Budget USD	Not - Funded Budget USD						
1	UNICEF	3,000,000	3,098,929		648,757	55,545	704,302	265,050	103%	Ru-WATISP not received the expenditure balance from NABDP
2	CLTS	481,993	287,653		000		000		60%	
3					000	000	000	000		
<b>Grand-total</b>		<b>3,481,993</b>	<b>2,221,903</b>		<b>514,462</b>	<b>85,273</b>	<b>576,969</b>	<b>1,260,090</b>		

## IX. Annex

### Annex 1: HPU Activities in October 2016

S/N	Province	Districts	Total # of CLTS Villages	Total # of houses in the villages	Total # of Triggerings	Total # of Latrines newly built	Total # of Latrines improved	Beneficiaries of the new & improved latrines	Total # of FHAG members trained	Total # of Community elders trained	Total ODF Verified Villages	Total ODF Certified Villages	
1	Badghis	Qala-e-Naw	85	4,513	0	7	90	679	0	150	17	17	
		Ab Kamari	85	5,139	0	10	21	217	0	150	20	20	
2	Helmand	Nahr-e-Seraj	85	4,339	5	5	38	301	39	185	0	0	
		Nawa	71	3,520	0	0	0	0	0	0	0	0	
3	Bamiyan	Center Bamiyan	64	3,355	3	36	147	1,281	11	0	3	6	
		Yakawlang	81	3,118	0	56	163	1,533	0	0	0	0	
4	Daikondi	Shahristan	39	2,478	0	5	15	140	45	54	8	0	
		Nili	27	1,628	0	9	20	203	0	22	6	6	
5	Badakhshan	Khash	43	2,814	0	31	100	917	319	168	0	0	
		Yaftal-e-Payen	42	2,463	13	2	91	651	285	104	0	0	
6	Farah	Center District	93	8,484	7	55	217	1,904	51	144	0	0	
		Shibako	0	0	0	0	0	0	0	0	0	0	
7	Ghor	Center District	60	3,196	0	22	87	763	597	42	0	0	
		Lal wa Sar-e-Jungale	60	2,926	0	459	891	9,450	0	0	0	0	
8	Nangarhar	Behsood	50	3,148	0	3	451	3,178	0	27	0	0	
		Surkhrood	50	2,848	0	16	531	3,829	0	48	0	0	
<b>Total</b>			<b>8</b>	<b>935</b>	<b>53,969</b>	<b>28</b>	<b>716</b>	<b>2,862</b>	<b>25,046</b>	<b>1,347</b>	<b>1,094</b>	<b>54</b>	<b>49</b>