

2020

KYRGYZ REPUBLIC

Ministry of Agriculture, Food Processing and Land Improvement
State Water Resources Agency

Project Progress Report #13: Implementation of
“Agricultural Productivity and Nutrition Improvement Project”»
for the 1st quarter of 2020

Project grant: GAFSP TF0A0645



Kyrgyz Republic

**State Water Resources Agency
under the Government of the Kyrgyz Republic**

**Agricultural Productivity and Nutrition Improvement Project
(Grant: GAFSP TF0A0645)**

**Project Progress Report № 13
*Quarter 1, 2020***

PIU Director

K.Beishekeev

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Project Results Framework

**Kyrgyz Republic
Europe and Central Asia Region
ESCCD**

Agriculture Productivity and Nutrition Improvement Project

Total Project Cost:	USD 38.00 million.
Donor:	Global Agriculture and Food Security Program
Grant Amount:	USD 38.0 million.
Date of Signing:	March 18, 2016
Effectiveness Date:	September 14, 2016
Implementing Agency	Department of Water Resources and Land Improvement
Project Implementation Period:	6 years
Project Completion Date:	June 30, 2022

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Project Development Objective

The project development objective (PDO) is to increase agricultural productivity, food and nutrition security of rural households in selected areas nationwide

PDO results indicators level

The PDO level results indicators for the project are:

- (i) average percentage increase in crop production for WUAs with improved irrigation and drainage infrastructure and advisory services;
- (ii) proportion of beneficiary households with food consumption score (FCS) above 28.5 points;
- (iii) number of water users provided with improved irrigation and drainage services;
- (iv) number of female water users provided with improved I&D services.

The total Project cost is USD 38.00 million of which the Grant amount is USD 38.00 million.

The Project consists of 4 Components:

- (i) Rehabilitation and Modernization of I&D Infrastructure (USD 28 million);
- (ii) Agricultural Advisory Services (USD 3.5 million);
- (iii) Nutrition Improvements (USD 4.6 million) and
- (iv) Project Management (USD 1.9 million).

The total Project duration is six years, starting from September 2016.

Financial management

Accounting system. Software accounting 1C program is established in the PIU and used for the project financial management, accounting transactions and preparing all related financial statements, including interim Financial Monitoring statements, which are sent to the World Bank quarterly and meet the WB requirements.

1C Accounting program creates a preliminary accounting balance at the end of each selected reporting period (month, quarter, annum, as needed), which is reviewed by financial manager to ensure that accounting transactions are reliable and complete. The software program is installed in three computers in accounting office, the Project accounts chart developed, basic data updated on a daily morning and evening basis, the 1C database is archived on computers in accounting office and archived on a weekly basis to an external hard drive stored in a safe.

The PIU has also developed and uses the Guidelines for administrative-financial management budget planning, accounting and internal supervision, reporting and audit. The Internal supervision procedure includes approval of expenditures, the bank statement reconciliation with the bank accounting, preparing and approval of payment bills and regularly preparing statements for various state organizations, as well as preparing required reports under the contracted funding agreement.

Two projects, i.e. the National Water Resources Management Project and Agricultural Productivity and Nutrition Improvement Project, implemented by the Department of Water Resources & Land Improvement have the same financial and accounting management.

Required accounts have been opened by the Ministry of Finance of the Kyrgyz Republic in OJSC Commercial Bank “Kyrgyzstan” for financial transactions under the project.

Budget planning and performance

The Project budget for 2020 was signed by the Ministry of Finance of the Kyrgyz Republic for the amount USD 6,970 thousand. Of that amount, since the beginning of the year, the budget of USD

758.4 thousand was actually used. The Project budget for 2020 is planned considering the performed and planned biddings for rehabilitation works, as well as consultants' works program.

Project Budget performance by years. Table 1 (thousand USD).

Table 1

Years	Planned budget	Actual performance	%	(+);(-)
2016	2,000.0	541,5	27%	-1,458.5
2017	2,190.0	1150,4	53%	-1,039.6
2018	5,260.0	5506,1	105%	246,1
2019	7,000.0	7709,7	110%	709,7
2020	6,970.0	758,4	10%	-6,211.9
Including for Q 1, 2020	1,800	758,4	42%	-1,041.5

Failure to fulfill the plan for the 1st quarter of 2020 is due to the fact that contracting organizations in the republic were unable to carry out the planned work due to the introduction of a state of emergency.

Financing and use of project funds

For 2020, under the Grant GAFSP TF0A0645-KG, withdrawal applications # 26-28 were issued to replenish the Special Account in the amount of \$ 1,811.45 thousand, all applications were approved by the WB and reimbursed.

An analysis of project financing by sources and use of funds at the end of the 1st quarter of 2020 with a cumulative total is given in the following table (thousand US dollars).

Source of financing and funds withdrawal	Total financing under the Project	Funds withdrawal from Project account by years					Funds withdrawal since Project start		Of which used for disbursement	
		2016	2017	2018	2019	2020	Amount	% from total amount	Amount	% to total amount
Grant GAFSP										
<i>Application for initial advance</i>		2000,0					2000,0			
<i>Application for replenishment</i>			1388,85	5259,91	6979,88	1811,45	15440,09			
<i>Application for direct payments</i>										
Total Grant GAFSP	38000,0	2000,0	1388,85	5259,91	6979,88	1811,45	17440,09	45%	15666,26	41%
<i>of which: used for disbursement of expenditures</i>		541,54	1150,4	5506,12	7709,77	758,43	15666,26		15666,26	

The analysis of funds used for disbursement of expenditures by sources and expenditure categories with accrued total in Table 3.

Table 3

Thousand US \$

<i>Expenditures by components and source of financing</i>	<i>Total</i>		
	<i>Total amount under Project</i>	<i>Actual disbursed</i>	<i>% of use</i>
1. Rehabilitation and Modernization of Irrigation and Drainage Infrastructure	28 000,00	11533,7	41%
2. Agricultural Advisory Services	3 500,00	1153,8	32%
3. Food quality improvement activities	4 600,00	1665,4	36%
4. project management	1 900,00	1313,4	69%
Total Project expenditures	38 000	15666,3	41%

The detailed data on use of Project funds is given in Annex A, tables PMR 1a and 1b and Bank statements under Project, Q-I, 2020.

Component 1: Rehabilitation and Modernization of Irrigation and Drainage Infrastructure (USD 28 million).

The Component finances:

- (i) civil works for rehab and modernization of irrigation and drainage schemes with existing command area up to 60.000 ha managed by approximately 30 WUAs and (U)WUAs;
- (ii) provision of essential maintenance equipment to (U)WUAs;
- (iii) rehab of off-farm irrigation infrastructure and water intake structures for about 60 WUAs for measurement of water delivered;
- (iv) limited rehab works on critical off-farm I&D structures managed by DWRLI.

WUA survey.

The PIU staff members have determined the selection criteria and WUA's rating applied for WUAs to be rehabilitated. The WUA's rating was determined by the following criteria:

- i) off-farm irrigation infrastructure condition,
- ii) overall collection rate for water supply services (ISF),
- iii) WUA's annual budget compared with the average for this rayon,
- iv) share of repair costs in a WUA's budget,
- v) acreage of the irrigated command area.

At the onset of the Project and based on WUA database, 56 WUAs applied to go under rehab, among them, in 20 WUAs a detailed survey was conducted. And the following main factors are considered:

- Maximum score based on evaluation criteria;
- Current transboundary issues;
- Water availability in a water source;
- WUAs irrigated via boreholes or pumping stations are excluded from the list;
- Current burdensome technical issues and high unit costs also considered.

Since the onset of the Project, design and estimate documentation for rehabilitation works within 21 WUAs has been developed, including the IDA Submission Form II, which have been approved by the World Bank. Among them, 11 WUAs in the northern and 10 WUAs in the southern regions for which tenders have been announced and contracts awarded. The overall list of WUAs approved by the World Bank is given below.

№	Oblast	Rayon	WUA name	Acreage, ha	Comments
1	Batken	Kadamjay	Gauyan	2,502	Rehabilitation
2	Batken	Leilek	Kyrk-Bulak	1,072	Rehabilitation
3	Jalal-Abad	Ala-Buka	Sulayman-Suu	2,424	Rehabilitation completed
4	Jalal-Abad	Nooken	Taymonku	1,317	Rehabilitation completed
5	Jalal-Abad	Nooken	Ak-Jol-Suu	2,239	Rehabilitation
6	Jalal-Abad	Bazar-Korgon	Obi-Khaet	1,308	Rehabilitation
7	Issyk-Kul	Ak-Suu	Tasma-Karanar	1,918	Rehabilitation
8	Issyk-Kul	Zhety-Oguz	Belsovkhoz	5,400	Rehabilitation
9	Naryn	At-Bashi	Bash-Keltebek	2,389	Rehabilitation
10	Naryn	Zhumgal	Toktomush	2,236	Rehabilitation
11	Naryn	Kochkor	Kara-Kungoy Ukok Suu	2,459	Mobilization
12	Naryn	Aktala	Talaa-Bulak	1,025	Bid evaluation
13	Osh	Aravan	Kur-Tash	2,654	Rehabilitation
14	Osh	Uzgen	Zhylaldy-Uzgen	1,307	WB recommended to redistribute funds to other events due to violations during the tender
15	Osh	Uzgen	Kurshab-Arzybek	1,516	Rehabilitation
16	Osh	Kara-Kuldja	Ten-Alysh	1,560	Contract awarded
17	Talas	Manas	Bereke-S	1,161	Rehabilitation completed
18	Talas	Kara-Buura	Mol-Bulak	1,967	Rehabilitation
19	Chu	Moskovsky	SKhM	5,430	Rehabilitation
20	Chui	Kemin	Umetaly	2,175	Rehabilitation
21	Chui	Issyk-Ata	Jany-Tilek	2,497	Rehabilitation
			TOTAL	46556	

Engineering solutions

Design and survey works executed in the south region by the Southern Design Engineers Group, and by the Design Engineers in the north oblasts.

The Subprojects designs were carried out considering WUAs commitment after selection process, according to the criteria, based on the survey, economic analysis and expressed WUA's intention to

conduct rehabilitation works. From the beginning of the Project implementation design works completed for 20 WUAs.

Information on the design works status in Annex **B**, Tables 6 and 7.

10 Design Engineers were engaged into development of design and estimate documentation that was reviewed by the Technical Council of respective OVKS. The design is subject to technical evaluation by an independent expert: - State Agency for Architecture, Construction, Housing and Utilities under the Government of the Kyrgyz Republic (SAACHU) and environmental impact assessment. After the SAACHU expert opinion, biddings for rehabilitation works are announced.

Design and estimate documentation prepared in accordance with the design works schedule (Annex B) and field surveys of on-farm irrigation schemes in the following WUAs executed:

WUA “Talaa-Bulak”

In accordance with the schedule of design work, during the current quarter, a tender has been announced for the subproject “Rehabilitation of the irrigation system of WUA “Talaa-Bulak” in Ak-Tala rayon, Naryn oblast”.

In accordance with the IDA Submission Form II, this subproject provides for the following work:

- Canal lining with cast concrete – 5.664 km.
- Lining with existing precast concrete blocks Lr-60 and Lr-40 – 5.95 km.
- Stilling basins – 5 pcs.
- Cross-regulators – 4 pcs.
- Gauging station – 1 pcs.
- Bridge over the canal – 5 pcs.
- Pipe crossings – 7 pcs.
- Overchute - 1 pcs.
- Aqueduct – 2 pcs.
- Water outlets – 32 pcs.
- Water inlets - 4 pcs.
- Grade-control structures – 6 pcs.
- Swing-type well – 12 pcs.
- Culvert – 4 pcs.

In accordance with the schedule of the design work, a meeting of the Technical Council of the Naryn OVK was held with the participation of specialists from the APNIP and Talaa-Bulak WUA, who reviewed the working documentation and drawings of the Talaa-Bulak WUA irrigation system rehabilitation project.

The Environmental Impact Statement from the Naryn Territorial Administration of the State Agency for Environmental Protection and Forestry of the Kyrgyz Republic and the State Expertise from the Gosstroy (State Committee for Construction) of the Kyrgyz Republic have been received.



Inspection of on-farm canals of the WUA Talaa-Bulak

WUA “Ak-Marcha”

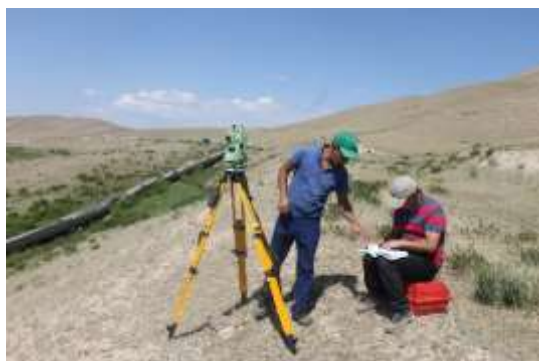
In accordance with the schedule of design work, during the current quarter, the development of working drawings and calculation of the scope of work for the irrigation network of the WUA Ak-Marcha in Naryn rayon of the Naryn oblast were carried out:

- Longitudinal profile of the route of the Echki-Bashy canal
- Cross-section profiles of the Echki-Bashy canal.
- Development of drawings for hydraulic structures
- Identifying maximum canal's throughput capability.
- Identifying hydraulic parameters of the canal.

The WUA Ak-Marcha is located 20 km off the Emgekchil AA, Naryn rayon, Naryn oblast. Salient features of the WUA is that its irrigation network established in 1970th and the canal is practically destroyed, resulting in sufficient water filtration losses, and which is due to lack of funding. By the request of waterusers, the PIU and WUA Ak-Marcha engineers have conducted the irrigation system survey, and based on which a deficiency act documented and tentative rehabilitation scope of works defined.

WUA Ak-Marcha irrigation system includes 2 on-farm canal:

- 1) “Echki-Bashy” – length - 9,8 км, of which 7,6 км – earthbed and 2,3 км – concrete lined, throughput 0,2-0,3 m³/s, command area – 858 ha and abstracting irrigation water from r.s “Echki-Bashy”.
- 2) “Uch-Chat” – length - 6,8 км, of which 2,5 км – pipeline and 4,3 км - earthbed, throughput - 0,4 m³/s, command area - 322 ha. Canal is in satisfactory condition and does not require rehab and abstracting irrigation water from r.s. “Uch-Chat”.



Physical and topographic survey of on-farm canals of the Ak-Marcha WUA

WUA “ShAB”

In accordance with the schedule of design work, during the current quarter, the development of working documentation and drawings for the subproject “Rehabilitation of the irrigation system of WUA ShAB in Zhayil rayon of the Chui oblast was completed: the IDA Submission Form II was developed.

In accordance with the IDA Submission Form II, this subproject provides for the following work:

- Canal lining with reinforced concrete blocks and plates – 1.38 km
- Canal lining with monolithic concrete – 16.5 km
- 11 water distribution structures
- 1 Makovsky weir
- 49 water outlets
- 5 transition sections
- 9 control-grade structures
- 4 pipe crossings
- 4 gauging stations
- 2 swing-type wells
- 5 Stilling basins
- Assembling and disassembling of 6 bridge-crossings.

The working draft was submitted for approval to the Zhayil rayon architecture, it was also sent to the State Agency for Environmental Protection and Forestry of the Kyrgyz Republic to obtain a state environmental review.



WUA “Alia Orositel”

In accordance with the schedule of design work, during the current quarter, a survey of the irrigation system of WUA “Aliya Orositel” in Sokuluk rayon of the Chui oblast was conducted; a deficiency act was drawn up on the basis of which the development of IDA Form I is being conducted.

The WUA Alia-Orositel is located in the At-Bashinsky and Novo-Pavlovka ayil okrugs of the Sokuluk rayon, Chui oblast, 28 km from Bishkek and 30 km from the Sokuluk rayon center. The total service area of the WUA is 1260 ha.



Survey of on-farm canals of the WUA Alia Orositel

WUA Sary-Tor

In accordance with the schedule of design work, during the current quarter, the development of working documentation and drawings for the subproject “Rehabilitation of the irrigation system of WUA Sary-Tor in Zhety-Oguz rayon of the Issyk-Kul oblast” was completed; an IDA Submission Form II was developed.

In accordance with the IDA Submission Form II, this subproject provides for the following work:

- Concrete lining – 7.644 km
- 3 head water intake facilities
- 52 water outlets
- 4 gauging stations
- 5 aqueducts
- 6 bridges
- 19 pipe crossings
- 3 discharge structures
- 7 water distribution facilities
- 3 control-grade structures



Head water intake structures “Tosor”



Head water intake structure “Tamga”

WUA “Ten-Alysh”

In accordance with the schedule of design work, a re-tender for the “Rehabilitation of the irrigation system of WUA Ten-Alysh in Kara-Kuldja rayon of the Osh oblast, was held in the current quarter and resulted in a contract with OsOO Brik.

A working draft has been developed for the subproject “Rehabilitation of the irrigation system of WUA Ten-Alysh”, in accordance with which the following works are provided:

- Concrete lining - 5,445 km
- 11 water outlets
- 10 control structures
- 1 gauging station
- 1 settler
- 1 protective dam
- 4 swing-type wells and stilling basins
- 1 water distribution well
- 1 damper-well
- 7 transition sections
- 1 crossing bridge
- 5 pipe crossings.



Topographic survey of on-farm canals of the WUA “Ten-Alysh”

WUA “Hodja-Aryk”

In accordance with the design works schedule, during this quarter, for Subproject "WUA «Khodja-Aryk» irrigation scheme rehabilitation, in Nookat rayon of the Osh oblast” a tender was approved.

In accordance with IDA Form II, the subproject provides following workload:

- Concrete lining – 5.099 km
- 9 water outlets
- 10 overchutes
- 10 swing-type wells
- 1 crossing bridge
- 4 pipe crossings
- 2 pipe-joints to the canal
- 2 transition sections
- 1 tail-end discharge
- 1 culvert.

A positive State Environmental Review obtained from the Osh Territorial Administration of the State Agency for Environmental Protection and Forestry. A positive State Overview received from the Southern branch of the Department of State Expertise under the State Agency for Architecture, Construction and Housing.



Topographic survey of on-farm canals of the WUA “Khodja-Aryk”

WUA “Tilla-Suu”

In accordance with the design works schedule, during this quarter, for Subproject “WUA «Tilla-Suu» irrigation scheme rehab”, in Kadamjay rayon, Batken oblast” the IDA Form II elaborated. In accordance with IDA Form II, the subproject provides the following works:

- Concrete lining 7,644 km
- 16 water outlets
- 2 gauging stations
- 4 swing-type wells
- 5 crossing bridges
- 1 escape structure
- 1 concrete structure

In accordance with the schedule of the design work, a meeting of the Technical Council of the Kadamzhay RVK was held with the participation of specialists from the PIU APNIP and Tillasu WUA, which reviewed the working documentation and drawings of the Tillasu WUA Irrigation System Rehabilitation project.

A positive state environmental review from the Batken Territorial Administration of the State Agency for Environmental Protection and Forestry received.

A positive State Overview received from the Southern branch of the Department of State Expertise under the State Agency for Architecture, Construction and Housing.



Topographic survey of WUA on-farm canals

WUA “Ene-Say”

In accordance with the schedule of design work in the current quarter, the development of working documentation and drawings for the subproject “Rehabilitation of the irrigation system of WUA Ene-Sai in the Kara-Suu rayon of Osh oblast” was completed, on the basis of which an IDA Submission Form II was developed.

In accordance with the IDA Form II, this subproject provides for the following work:

- Concrete lining 7,825 km
- 8 water intake structures
- 19 water outlets
- 10 gauging stations
- 3 swing-type wells
- 2 water distribution wells
- 2 Stilling basins
- 16 pipe crossings
- 1 aqueduct.

In accordance with the schedule of the design work, a meeting of the Technical Council of the Osh OVK was held with the participation of specialists from the PIU APNIP and WUA “Ene-Sai-Young”, which reviewed the working documentation and drawings of the sub-project “Rehabilitation of WUA “Ene-Sai-Young WUA Irrigation System”.

The subproject is under consideration of the Osh Territorial Administration of the State Agency for Environmental Protection and Forestry for state environmental review.



Topographic survey of WUA on-farm canals

WUA “Kyzyl-Boston”

In accordance with the schedule of design work in the current quarter, a topographic survey of the irrigation network of WUA “Kyzyl-Boston” of the Nookat rayon of the Osh oblast was carried out, based on which the development of working drawings and calculation of the volume of work is being performed.

1. BAM on-farm canal:

- longitudinal profile from HMM0+00 to HMM12+50
- transverse profiles from HMM0+00 to HMM12+50
- Headgate at HMM0+00
- Gauging station “fixed bed” at HMM0+50

2. Myrza-Aryk on-farm canal:

- longitudinal profile from HMM49+70 to HMM56+90
- transverse profiles from HMM49+70 to HMM56+90
- water distribution well at HMM49+70



Topographic survey of WUA on-farm canals

WUA “Abror”

In accordance with the schedule of design work in the current quarter, a topographic survey of the irrigation network of WUA “Abror” in the Kara-Suy rayon of the Osh oblast was carried out, on the basis of which the development of working drawings and calculation of the volume of work is being performed:

1. Brigada-8a on-farm canal:
 - longitudinal profile from HMM0+00 to HMM4+66
 - transverse profiles from HMM0+00 to HMM4+66
2. Brigada-9 on-farm canal:
 - longitudinal profile from HMM0+00 to HMM4+24
 - transverse profiles from HMM0+00 to HMM4+24
 - water outlet at HMM0+00
3. Jannat on-farm canal:
 - longitudinal profile from HMM0+00 to HMM10+10
 - transverse profiles from HMM0+00 to HMM10+10



Topographic survey of on-farm canals of the WUA “Abror”

Environmental protection

Ecological monitoring and protection under APNIP is the mandatory policy of the WB and ecological regulations of the Kyrgyz Republic.

1. Environmental assessment and (EMP) Environmental management plan(s) for each of the rehabilitation subprojects

The Environmental Management Plan (EMP) has been developed to reduce negative impacts for:

- WUA Tilla-Suu, Kadamzhay rayon of the Batken oblast, EMP is approved by the World Bank and is available on the APNIP website in the “Environmental Reports” section: <http://apnip.water.gov.kg/en/reports/environmental-reports/>.
- WUA Ene-Say-Young, Kara-Suu rayon of the Osh oblast;
- WUA ShAB, Zhayil rayon of the Chui oblast. EMP sent to the WB for consideration.

A survey of rehabilitation facilities in WUA “ShAB” conducted.



SH-1-2 on-farm canal

2. Compliance with the environmental legislation of the Kyrgyz Republic

The section “Environmental Protection” for design estimates has been developed:

- For WUA Tilla-Suu. A Positive Environmental Review received.
- For WUA Ene-Say-Young in Kara-Suu rayon of the Osh oblast, due to the Emergency Situation in Kyrgyz Republic, the subproject was not yet submitted to the SAEPF for State Environmental Review.
- For WUA ShAB in Zhayil rayon of the Chui oblast, the subproject was submitted to the SAEPF for State Environmental Review.

3. Development of regulatory provisions for environmental protection and safety at the APNIP facilities / subprojects.

Following the recommendations of the international consultant on environmental protection, by order of the Director of the PIU APNIP, the following documents were developed and approved:

- Checklist for the implementation of measures provided for in the EMP for completed rehabilitation on-farm irrigation facilities / subprojects as part of the WB project “Agricultural Productivity and Nutrition Improvement” (order No. 01 of 01/15/2020);
- Monthly reporting form on indicators of environmental protection measures and safety and labor protection characteristics (order of the PIU Director, # 03/p of 02/04/2020)
- An inventory of rehabilitation facilities was carried out to comply with environmental, labor and safety measures in accordance with the order of the PIU Director, # 06/p dated 02/12/2020; the PIU technical supervision provided information to the PIU, and some facilities were inspected by an environmental protection specialist. During the inventory, it was found that, in general, all construction contractors comply with the measures provided for in the EMP. In the event of any slight deviations from the EMP, an appropriate recording in the work log and technical supervision from the PIU was done. The Inventory Report submitted to World Bank.

4. Environmental safety requirements included into construction works contract.

Inclusion of ecological requirements into a construction contract is critical to comply with. To implement this objective, in the reporting period, all tender documentations included ecological requirements for construction workload in following subprojects:

1. WUA Khodja-Aryk in Nookat rayon of the Osh oblast;
2. WUA Taala-Bulak in Aktalaa rayon of the Naryn oblast;

A Bidding documentation is also included following (re)construction requirements for a subcontractor to follow:

- Waste Management;
- Protection of the soil from pollution during the storage of fuels and lubricants;
- Requirements for vehicles to prevent air pollution;
- Planning and restoration measures and land reclamation after the construction work at the facility / subproject.

5. Mission of the international consultant.

From March 11 to March 13, 2020 the mission of the international consultant to monitor activities of the PIU APNIP on compliance with the environmental policies of the World Bank, held.

During the mission, the international consultants on environmental protection together with the specialist of the PIU APNIP visited the following rehabilitation facilities and subprojects:

- 1) WUA Kara-Kungoy-Ukok in Kochkor rayon of the Naryn oblast;
- 2) Contractor, Hi Tehc Story OsOO, that is carrying out rehabilitation work for the WUA Bash-Keltebek in Naryn oblast;
- 3) WUA Obi-Haet in Bazar-Korgon rayon of the Jalal-Abad oblast, contractor ZAO Kelechek;
- 4) WUA Kurshab-Arzybek in Uzgen rayon of the Osh oblast, contractor Brik OsOO;

During a visit to construction contractors, it was found that the contractors as a whole comply with the measures developed in the EMP.

During the visit to the WUA, issues of upcoming work, environmental issues and public awareness of the impact of the project on the environment and population were discussed. Canals under rehabilitation were visited.

The international consultant met with the chief engineer of component # 1 “Rehabilitation and modernization of the on-farm irrigation and drainage network” of the WB project “Agricultural Productivity and Nutrition Improvement”, Mr. Saftenko V.N. During the meetings, the issue of developing an EMP in accordance with the requirements of the World Bank policy was discussed.

The work of the environmental protection specialist of the PIU APNIP is carried out in accordance with the recommendations of the international consultant from the World Bank.



Engineering supervision of construction and quality of work

The coordination of agreed rehabilitation workload, periodic supervision of (re)construction work performed by contractors and analysis of the supervision staff performance are carried out by regional engineers through field engineers. Moreover, technical supervision is carried out by representatives of authorized WUAs.

Field engineers carry out daily supervision of (re)construction work in accordance with the drawings and technical specifications. Emerging problems are identified and quickly resolved, the progress of works is monitored according to the workload schedule. Verification of the quality of work is carried out by submitting relevant documentations, acts of laboratory analyzes, acts for hidden work, testing acts (quality certificates, etc.). The volume of workload performed is determined on based on geo-survey prior to the onset of works, and executive survey after completion of works, to clarify a volume of works actually performed. Acts of completed work by contractors are checked and, on this basis, accumulative statements of completed work are kept. Existing defects are timely recorded in e works register, and instructions issued to eliminate identified shortcomings during work process. Field engineers provide weekly(re)construction progress reports to the PIU.

Design engineers also visit rehabilitation subprojects to monitor contractors' compliance with design and technical specifications.



Regional Coordinator (South) and Design Engineer inspecting canals under rehabilitation



Chief Engineer and Regional Coordinator (North) inspecting WUA SKhM canals under rehabilitation

Rehabilitation

Currently, 29 WUAs included into rehabilitation program. All (re)construction works started in 2018, and since the Project became effective, procurement of (re)construction works made for workload within 19 WUAs. As of to date, the list of selected WUAs following:

- in 3 WUAs rehabilitation completed
- in 14 WUAs rehabilitation ongoing
- in 1 WUA mobilization ongoing
- in 1 WUA contract awarded
- in 2 WUAs tender announced
- for 7 WUAs detailed design ongoing
- for 1 WUA inspection of irrigation system ongoing

By oblast, the status of these WUAs is as follows, Table 1.

Table 1.

Indicators	Total for the project	By oblasts						
		Issyk-Kul	Naryn	Talas	Chu	Batken	Osh	Jalalabad
Total WUAs selected for rehabilitation	29	3	5	2	5	3	7	4
<i>Of which:</i>								
Rehabilitation completed	3			1				2
Rehabilitation ongoing	14	2	2	1	3	2	2	2
Mobilization	1		1					
Contract awarded	1						1	
Tender announced	2		1				1	
Detailed design	7	1	1		1	1	3	
Inspection of the WUA	1				1			

During the implementation of the project, changes may occur in the list of WUAs selected for rehabilitation.

Funds in the amount of USD 24 million are provided for the rehabilitation under APNIP. This includes:

1. actual cost of existing contracts;
2. actual adjustment of prices for work performed;
3. estimated value of future contracts;
4. estimated price adjustment for the remaining workload in the amount of 15%¹.

Since the start of the project, 21 construction contracts have been signed with 17 contractors. Of these, work was carried out for 15 subprojects during the 1st quarter.

The cost of work under 21 contracts is KGS 923.9 million. At the reporting date, according to engineers, the work was completed in the amount of KGS 468.2 million, or 51% of the contract value.

Performance of workload within subprojects in Table 2 below.

1. ¹ The estimated price adjustment of 15% takes into account the possible increase in prices for construction materials, fuel, lubricants and wages

<i>Oblast</i>	<i>Rayon</i>	<i>WUA</i>		<i>Contract#</i>	<i>Contract value, KGS thousand</i>	<i>Actually completed, KGS thousand</i>	<i>Completion %</i>
Batken	Kadamjay	Gauyan		APNIP/C.1/CW /NCB/06	52438,211	48846,463	93%
	Leilek	Kyrk-Bulak		APNIP/C.1/CW /NCB/16	26072,009	0	0%
Jalal-Abad	Ala-Buka	Sulayman-Suu		APNIP/C.1/CW /NCB/12	48832,259	48730,65	99,8%
	Nooken	Taimonku		APNIP/C.1/CW /NCB/08	47662,334	47528,019	99,7%
	Bazar-Korgon	Obi-Khaet		APNIP/C.1/CW /NCB/14	30590,281	14003,615	45%
	Nooken	Ak-Jol-Suu		APNIP/C.1/CW /NCB/22	49968,218	5609,146	11%
Issyk-Kul	Ak-Suu	Belsovkh oz C	Lot №1	APNIP/C.1/CW /NCB/05	51592,936	33252,497	64%
			Lot №2		77041,32	57266,940	74%
	Ton	Alagoz-Kaba	Lot №2	APNIP/C.1/CW /S/08	13313,58	13313,576	100%
Issyk-Kul	Ak-Suu	Tasma-Karanar		APNIP/C.1/CW /NCB/13	51977,677	22816,624	44%
Naryn	Zhumgal	Toktomush		APNIP/C.1/CW /NCB/06	27498,702	19767,046	72%
	At-Bashy	Bash-Keltebek		APNIP/C.1/CW /NCB/11	57365,514	12299,205	21%
	Kochkor	Kara-Kungoy Ukok Suu		APNIP/C.1/CW /NCB/20	54634,436	0	0%
Osh	Aravan	Kur-Tash		APNIP/C.1/CW /NCB/09	49846,457	45884,299	92%
	Uzgen	Kurshab-Arzybek		APNIP/C.1/CW /NCB/15	35901,450	23593,678	66%
Talas	Manas	Bereke S		APNIP/C.1/CW /NCB/03	20943,49	20943,49	100%
	Kara-Buura	Mol-Bulak		APNIP/C.1/CW /NCB/17	37627,167	2483,590	7%
Chu	Moskovsky	SKHM	Lot №1		33046,637	27328,366	83%

<i>Oblast</i>	<i>Rayon</i>	<i>WUA</i>		<i>Contract#</i>	<i>Contract value, KGS thousand</i>	<i>Actually completed, KGS thousand</i>	<i>Completion %</i>
			Lot №2	APNIP/C.1/CW /NCB/02	51691,106	23026,063	45%
	Issyk-Ata	Jany-Tilek			58703,365	822,548	1,4%
	Kemin	Umetaly			47251,861	642,931	1,3%
Total					923999,01	468158,746	51%

The volume of work performed in physical units under the contracts being implemented is presented in Tables 3 and 4 below.

Type of work		Unit of measure	Volume under the contract	Completed in this period	Completed with accrual total	Completion percentage
Earth works, all types		m ³	1 200 318	44 632	810 900	67%
Concrete work	concrete and reinforced concrete	m ³	56 875	2 127	30 508	54%
	precast concrete	m ³	8 025	365	2 667	33%
Gravel bed		m ³	47 637	2 174	28 353	59%
Stone work		m ³	5 036	152	1 963	39%

	Unit of measure	Under the project	Actual	%
Canals	км	222,6	119	53%
Gauging stations	шт	75	30	40%
Other constructions on canals	шт	1808	680	38%
Increase in water availability	га	45 948	24 372	53%

Completed subprojects

As of the reporting date, rehabilitation of the on-farm irrigation network in 4 WUAs has been completed, of which: 2 subprojects in the northern region and 2 subprojects in the southern region.

The list of WUAs with completed rehabilitation work is presented in table 5.

Table 5

#	Oblast WUA	Rayon	AO	Acreage WUA (ha)	Construction, date		Tentative contract estimates, KGS	Actual value (including price adjustment), KGS	Deviation of actual cost from basic cost %
					Start	Finish			
	ISSYK-KUL								
1	Alagoz-Kaba, Lot #2	Ton	Ak-Terek	3385	13.03.15	08.08.19	35 598 564	37 494 108	105%
	TALAS								
1	Bereke S	Manas	Uch-Korgon	1161	09.03.18	31.12.19	20 943 488	20 943 489	100%
1	Total for the Northern region			4546			56 542 052	58 437 597	103%
	JALAL-ABAD								
1	Sulayman-Suu	Ala-Buka	T.Baltagulov	2442	01.05.18	23.10.19	48 832 261	48 730 648	99,8%
2	Taymonku	Nooken	Sakaldy	1317	01.05.18	24.12.19	47 662 334	47 528 018	99,7%
2	Total for the Southern region			3759			96 494 595	96 258 666	99,7%
3	Total for project			8305			153 036 647	154 696 263	101%

In total, 30.4 km of irrigation canals were repaired under completed contracts, 14 gauging stations and 229 canal structures were built, and water supply to irrigated lands was increased on an area of 8305 ha. Detailed information on the physical volumes of rehabilitation for each sub-project is given in Annex **B** of Tables 3 and 4

Sub-projects under construction

As of March 31, 2020, 18 construction contracts are in effect under the APNIP.

The detailed information for each of the subprojects in monetary terms and physical volumes, in accordance with the regional engineers` data, in Annex **B**, Tables 1-4.

A description of each sub-project under construction by region is provided below.

Batken oblast

In Batken oblast, as of reporting date, the main list for rehabilitation included 3 WUAs with total acreage of 5,425 hectares of irrigated lands.

#	WUA name	Rayon	Area, ha		Status
			WUA total area	of which are covered by rehabilitation	
1	Gauyan	Kadamjay	2 502	2 502	Rehabilitation
2	Kyrk-Bulak	Leylek	1 072	1 072	Rehabilitation
3	Tilla-Suu	Kadamjay	1 851	1 851	Detailed design
	Total for Batken oblast		5 425	5 425	

The total value of the contract for rehabilitation work in the Batken region is KGS 78.5 million. Works performed as of the reporting date amount to KGS 48.8 million or 62% of the value of contracts.

The table below provides data on the cost and performance of work on sub-projects (according to engineers).

#	Rayon, WUA name	Contract #	Contractor's name	Contract value, KGS	Completed work from the beginning of implementation, KGS	Completion percentage
	<i>Kadamjay</i>					
1	Gauyan	APNIP/C.1/CW/NCB/06	HydroTehStroy Consortium	52 438 211	48 846,463	93%
	<i>Leylek</i>					
2	Kyrk-Bulak	APNIP/C.1/CW/NCB/16	HydrobetonStroy OsOO	26 072 009	0	0%
	Total			78 510 220	48 846,463	62%

The physical volumes of subprojects rehabilitation in Batken oblast are given below:

	Unit of measure	Under the project	Actual	%
Canals	km	18,1	13,3	73%
HP/gauging stations	pcs	5	4	80%
Other HTS on canals	pcs	70	38	54%
Improved water delivery	ha	3574	2327	65%

Since the beginning of rehabilitation work in Batken oblast, 104.2 th.m³ of earthwork, 5166 m³ of concrete and reinforced concrete work, 3921 m³ of gravel bed and 15 m³ of stone work, have been completed.

For each object, performance indicators in monetary terms and in physical units are given in Annex B, tables 1-4, to this report.

Information on subprojects under construction, according to engineers' data, is given below.

WUA "Gauyan" on-farm irrigation network rehabilitation in Kadamjay rayon, Batken oblast, contract APNIP/C.1/CW/NCB/06

Contractor: *Hydrotehsstroy Consortium*
 Cost of work: *KGS 52,438,211*
 Terms of construction: *February 01, 2018 – April 30, 2020.*

As of March 31, 2020, the implementation of the Gauyan WUA Irrigation Network Rehabilitation Sub-project amounted to KGS 48,846,464, or 93.3% of the total cost of the work. Construction works are being carried out ahead of the Calendar schedule of works by KGS 798 865 or 102%. In the current quarter, the implementation amounted to KGS 1,510,339 or 34%.

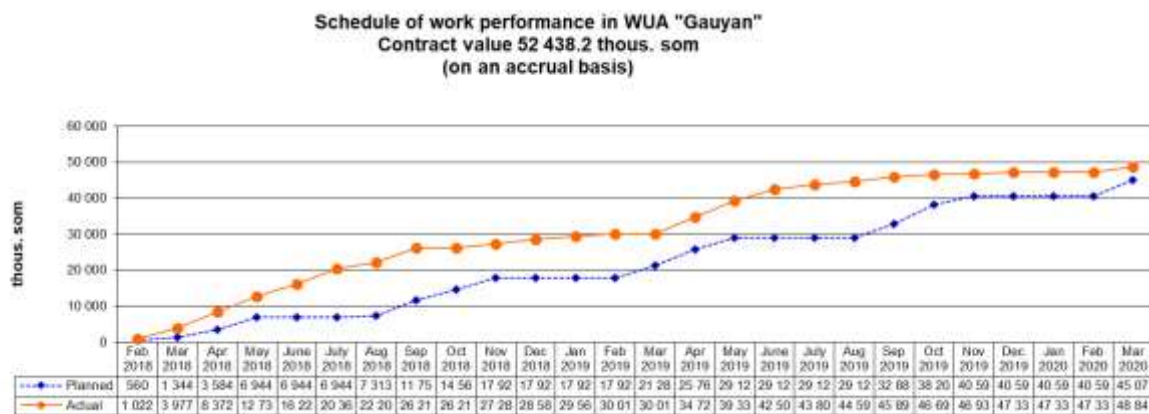
During the 1st quarter of 2020, the following works were carried out at the site:

- On the on-farm Gauyan canal, old concrete was reworked with subsequent laying of monolithic concrete with a length of 111 m, gauging stations at HMM1 + 87, and a tubular outlet at HMM40 + 69, were installed.



on-farm c-l «Gauyan» (before and after rehabilitation)

The implementation of rehabilitation works on an accrual basis is presented in the graph below.



The volume of work performed on the subproject in financial terms and in physical units are given in Tables below.

1. **Cost (KGS)**

#	Canals	Tender price	The cost of the working design #3	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	666 000	666 000	317 400	48%
2	On-farm c-l Gauyan	18 384 926	19 364 744	17 325 517	90%
3	On-farm c-l Gauyan-1	3 313 597	3 739 237	3 727 067	99%
4	On-farm c-l Syrt	12 161 708	12 698 420	12 672 630	99%
5	On-farm c-l Ormosh-2	1 329 483	2 648 833	2 611 389	99%
6	On-farm c-l R-3	4 857 183	5 228 226	5 023 722	94%
	Total:	40 712 897	44 345 460	41 677 725	94%

#	Canals	Tender price	The cost of the working design #3	Completed from the beginning of rehabilitation	% of execution
	Contingencies 15%	6 106 935	2 474 372	1 935 189	78%
	Total:	46 819 832	46 819 832	43 612 914	93%
	VAT 12%	5 618 380	5 618 380	5 233 550	93%
	Total for WUA	52 438 212	52 438 212	48 846 464	93%

2. Materials

#	Canals name	Earthwork, m3			Concrete and reinforced concrete work, m3		
		Planned	Actual	%	Planned	Actual	%
1	On-farm c-l Gauyan	19506,82	18199,88	93%	3340,69	2941,92	88%
2	On-farm c-l Gauyan-1	8886,43	8886,43	100%	371,2	371,2	100%
3	On-farm c-l Syrt	50494,53	50494,53	100%	1219,7	1219,7	100%
4	On-farm c-l Ormosh-2	9002,88	9002,88	100%	257,71	249,2	97%
5	On-farm c-l R-3	18049,37	17658,54	98%	395,72	383,9	97%
	Total for sub-project	105940,03	104242,26	98%	5585,02	5165,92	92%

3. Structures

#	Canals name	Water Outlets, pcs			Pipe crossings, pcs			Gauging stations, pcs		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	On-farm c-l Gauyan	10	8	70%				1	1	100%
2	On-farm c-l Gauyan-1	2	1	50%	1	1	100%			
3	On-farm c-l Syrt	4	4	100%	4	4	100%	1	1	100%
4	On-farm c-l Ormosh-2	3	3	100%				1	1	100%
5	On-farm c-l R-3	1	1	100%	1	1	100%	1	1	100%
	Total for sub-project	20	17	85%	6	6	100%	4	4	100%

WUA Kyrk-Bulak on-farm irrigation network rehabilitation in Leilek rayon, Batken oblast, contract APNIP/C.1/CW/NCB/16

Contractor: Hydrobeton Stroy OsOO

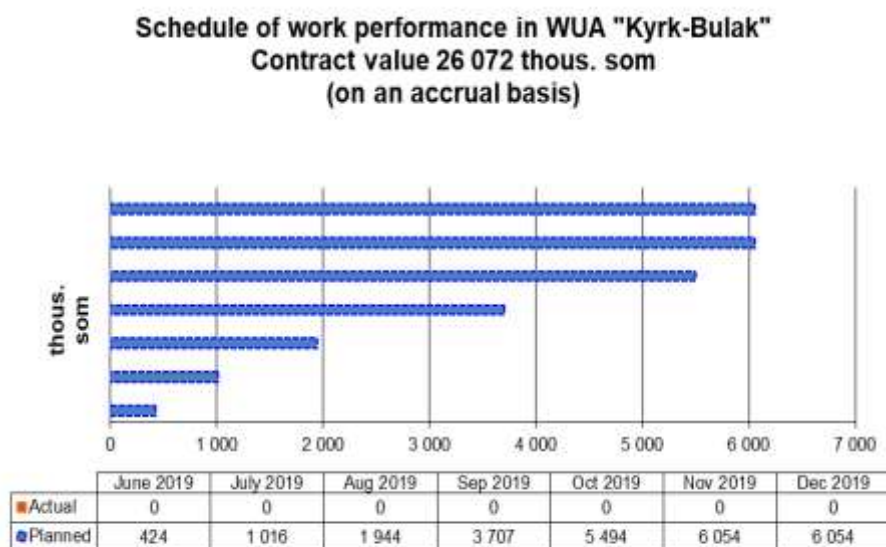
Cost of work: KGS 26,072,009

Terms of construction: June 01, 2019 – February 28, 2021.

In the current quarter, the subproject “WUA Kyrk-Bulak on-farm irrigation network rehabilitation” was visited by members of the IDA Supervision Mission, during which serious violations of the concrete work technology were identified in the area from HMM32 + 40 to HMM34 + 40 on the Teshik-1 on-farm canal. Concrete lining was made without gravel-sand bed, with concrete preparation by handicraft method directly at the site using non-certified inert materials. According to the recommendation of the working group, the contracting company “Hidrobeton Story” has to carry out the re-laying of reinforced concrete on this site, strictly observing the technological requirements.



The implementation of rehabilitation works on an accrual basis is presented in the graph below



The volume of work performed on the subproject in financial terms and in physical units is given in the tables below.

1. **Cost (KGS)**

#	Canals	Tender price	The cost of the working design #1	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	1 606 000	1 606 000		
2	Off-farm c-l Teshik	4 874 879	4 874 879		
3	On-farm c-l Teshik-1	13 623 827	13 761 364		
	Total:	20 104 706	20 242 243		
	Contingencies 15%	3 015 706	3 036 336		
	Total:	23 120 412	23 278 579		
	VAT 12%	2 774 449	2 793 430		
	Total for WUA	25 894 861	26 072 009		

2. **Materials**

№№ п/п	Canals name	Earthwork, m ³			Бетонные работы, м ³		
		Planned	Actual	%	Planned	Actual	%
1	Off-farm c-l Teshik	2 471,5			623,8		
2	On-farm c-l Teshik-1	28 348,0			1 412,72		
	Total for subproject	30 819,5			2 036,52		

3. **Structures**

#	Canals name	Water Outlets, pcs			Pipe crossings, pcs		
		Planned	Actual	%	Planned	Actual	%
1	Off-farm c-l Teshik						
2	On-farm c-l Teshik-1	16			1		
	Total for subproject	16			1		

Jalal-Abad oblast

In the Jalal-Abad oblast, the main list for rehabilitation included 4 WUAs with total area of 6,918 ha of irrigated land.

#	WUA name	Rayon	Area, ha		Status
			WUA total area	of which are covered by rehabilitation	
1	«Sulaiman»	Ala-Buka	2442	2442	Completed
2	«Taimonku»	Nooken	1317	1317	Completed
3	«Ak-Jol-Suu»	Nooken	1851	1851	Rehabilitation
4	«Obi-Khaet»	Bazar-Korgon	1308	1308	Rehabilitation
	Total for Jalal-Abad oblast		6918	6918	

The value of the contracts for rehabilitation work is KGS 177.05 million, of them, as of the reporting date, KGS 115.9 million or 65% of the value of the contracts, have been performed.

Table below provides data on the cost and performance of work under contracts (according to engineers' data).

№	Rayon, WUA	Contract #	Contractor's name	Contract value, KGS	Completed work from the beginning of implementation, KGS	Completion percentage
	Ala-Buka					
1	Sulayman-Suu	APNIP/C.1/C W/NCB/12	ZAO "Masyayilkurulush"	48 832 261	48 730 651	99,8%
	Nooken					
2	Taymonku	APNIP/C.1/C W/NCB/08	ZAO "Masyayilkurulush"	47 662 334	47 528 019	99,7%
3	Ak-Jol-Suu	APNIP/C.1/C W/NCB/22	ZAO "Masyayilkurulush"	49 968 218	5 609 146	11%
	Bazar-Korgon					
3	Obi-Haet	APNIP/C.1/C W/NCB/14	ZAO "Kelechek"	30 590 280	14 003 615	45%
	Itoro			177 053 093	115 871 431	65%

The physical volumes of rehabilitation work in the Jalal-Abad region are the following:

	Unit of measure	Planned	Actual	%
Canals	km	36,5	25,9	71%
HP/gauging stations	pcs	17	14	82%
Other HTS on canals	pcs	223	144	65%
Increase in water availability	ha	7 306	4 607	63

Since the beginning of rehabilitation work in the Jalal-Abad region, 331.8 thousand m³ of earthwork, 9 062 m³ of concrete and reinforced concrete work, 9 682 m³ of gravel preparation and 536 m³ of stone work have been completed.

For each subproject, performance indicators in monetary terms and in physical units are given in Annex B, tables 1-4, to this report.

WUA Akjol-Suu on-farm irrigation network rehabilitation, Nookan rayon, Jalal-Abad oblast, Contract #APNIP/C.1/CW/NCB/22

<i>Contractor:</i>	<i>Masyayilkurulush ZAO</i>
<i>Cost of work:</i>	<i>KGS 49,968,218</i>
<i>Terms of construction:</i>	<i>January 01, 2020 – February 28, 2021</i>

As of March 31, 2019, the implementation of the subproject amounted to KGS 5,609,146 or 11.2% of the total cost of work. Construction work is being carried out ahead of the Calendar schedule of work by KGS 4,276,346 or 421%. In the current quarter, the implementation amounted to KGS 5,609,146 or 421%.

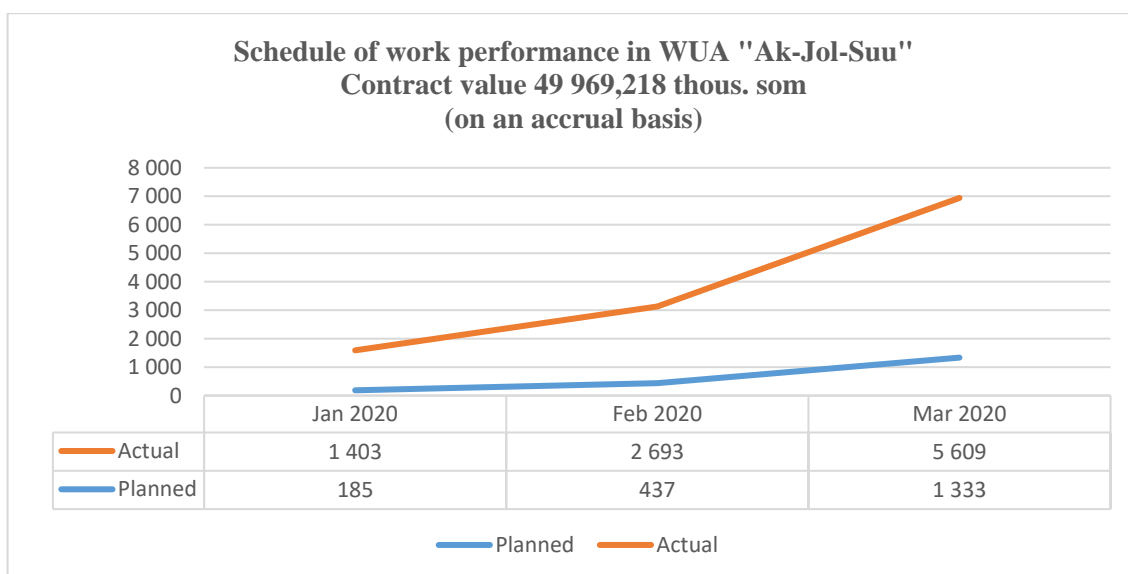
In the 1st quarter of 2020, the following works were carried out at the site:

- On the ML Pravy on-farm canal, concrete lining was performed from HMM0 + 00 to HMM6 + 14 with a length of 614 m; a gauging stations was installed at HMM1 + 00, as well as a water outlet at HMM1 + 11, HMM2 + 77; a transitional section combined with a pipe crossing at HMM7 + 94 was arranged.
- On the Raykom Pravy on-farm canal, concrete lining was performed from HMM0 + 09 to HMM3 + 09 with a length of 300 m; a water distribution structure at HMM0 + 09 and a gauging station at HMM0 + 50 were installed.



ML Pravy on-farm canal (before and after rehabilitation)

The implementation of rehabilitation work on an accrual basis is presented in the graph below.



1. Cost (KGS)

№	Canals name	Tender price	The cost of the working design #1	Completed from the beginning of rehabilitation	% of execution
	Primary collateral	496 800	496 800	360 000	73%
	On-farm network				
1	ML Pravy canal	14 474 208	14 474 208	2 622 072	18%
2	Raykom Pravy canal	7 572 917	7 572 917		
3	Ken-Say canal	2 790 338	2 790 338		
4	Korgon canal	13 383 501	13 383 501	2 026 094	15%
	Total for WUA	38 717 764	38 717 764	5 008 166	13%
	Field design engineering 0,2%	77 436	77 436		
	TOTAL	38 795 200	38 795 200	5 008 166	13%
	<i>Contingencies 15%</i>	5 819 280	5 819 280		
	<i>VAT 12%</i>	5 353 738	5 353 738	600 980	11%
	Total for subproject	49 968 218	49 968 218	5 609 146	11%

2. Materials

№	Canals name	Earthwork, m ³			Concrete work, m ³			Gravel bed, m ³		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	ML Pravy canal	38609,46	11184,15	29%	1329,92	247,65	19%	1257,3	400,9	32%
2	Raykom Pravy canal	19632,9	0		592,33	0		225,4	0	
3	Ken-Say canal	9909,19	0		257,68	0		259,6	0	
4	Korgon canal	32548,43	9861,99	30%	1438,23	138,3	10%	1451,7	392,7	27%
	Total for subproject	100699,98	21046,14	21%	3618,16	385,95	11%	3194	793,6	25%

3. Structures

#	Canals name	Water outlets, pcs.			Other structures, pcs.		
		Planned	Actual	%	Planned	Actual	%
1	ML Pravy canal	10	2	20%	4	1	25%
2	Raykom Pravy canal				10		
3	Ken-Say canal	3					
4	Korgon canal	1	1	100%	4		

#	Canals name	Water outlets, pcs.			Other structures, pcs.		
		Planned	Actual	%	Planned	Actual	%
	<i>Total for subproject</i>	<i>14</i>	<i>3</i>	<i>21%</i>	<i>18</i>	<i>1</i>	<i>6%</i>

WUA Obi-Haet on-farm irrigation network rehabilitation in Bazar-Korgon rayon, Jalal-Abad oblast, contract №APNIP/C.1/CW/NCB/14

Contractor: ZAO Kelechek
Cost of work: KGS 30,590,281
Terms of construction: February 14, 2019 – February 28, 2021.

As of March 31, 2019, the implementation of the subproject amounted to KGS 14,003,615 or 45.8% of the total cost of work. Construction work is being carried out ahead of the Calendar schedule of work by KGS 314,769 or 102%. In the current quarter, the implementation amounted to KGS 3,542,133 or 84%.

In the 1st quarter of 2020, the following works were carried out at the site:

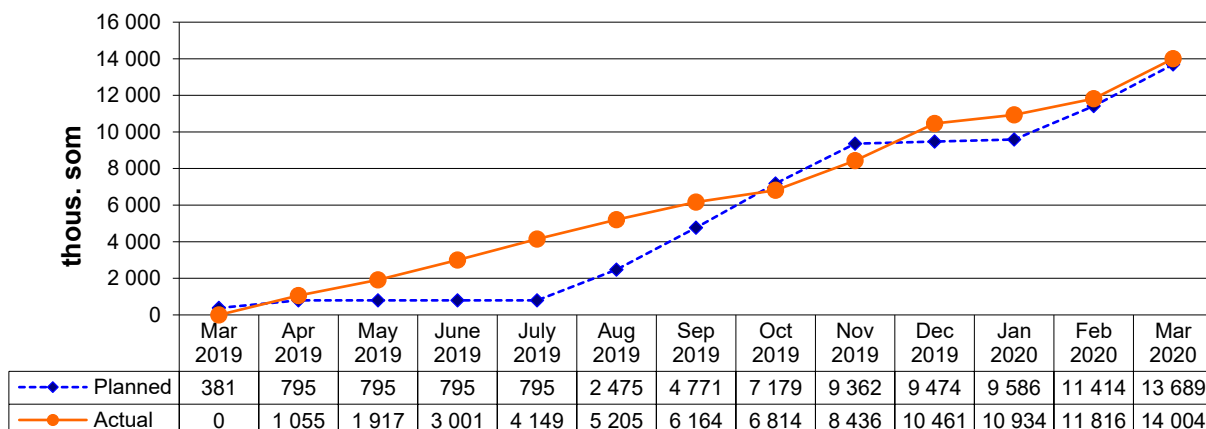
- On the Levka Vetka off-farm canal, water head intake structures were installed at HMM128 + 00 and HMM155 + 00, gauging station “fixed bed” mounted at HMM155 + 00.
- On the Bolush-Ata on-farm canal, a bypass canal was constructed for diversion passage.
- On the Jeti-Koshkon on-farm canal, tubular water outlets were installed at HMM0 + 81, 5 + 00, 8 + 53, 11 + 27, 14 + 58, 18 + 00, 20 + 72, and crossing bridge constructed at HMM1 + 08, 10 + 48.
- On the PK-133 on-farm canal, concrete lining was performed from HMM0 + 00 to HMM5 + 30 with a length of 530 m, an aqueduct with wells at HMM0 + 39.3 was constructed.
- On the PK-139 Levy on-farm canal, concrete lining was made from HMM0 + 43 to HMM3 + 43 with a length of 300 m.



Jeti-Koshkon on-farm canal (before and after rehabilitation)

The implementation of rehabilitation work on an accrual basis is presented in the graph below.

Schedule of work performance in WUA "Obi-Haet"
Contract value 30 590,2 thous. som
(on an accrual basis)



1. Cost (KGS)

#	Canals name	Tender price	Cost of the working design # 1	Completed from the beginning of rehabilitation	% of execution
	Primary collateral	632 000	632 000	366 361	58%
	Off-farm network				
	Levaya Vetka canal	1 649 348	1 649 348	1 288 162	78%
	Total for off-farm canals	1 649 348	1 649 348	1 288 162	78%
	On-farm network				
1	Bolush-Ata canal	4 966 111	4 966 111	1 034 629	21%
2	Jeti-Koshkon	5 573 552	5 573 552	5 402 756	97%
3	PK-133 canal	6 462 990	6 462 990	3 091 112	48%
4	PK-139 Levy	4 466 217	4 466 217	1 320 208	30%
	Total for on-farm canals	21 468 870	21 468 870	10 848 705	51%
	<i>Contingencies 15%</i>	3 562 533	3 562 533		
	TOTAL:	27 312 751	27 312 751	12 503 228	53%
	<i>VAT 12%</i>	3 277 530	3 277 530	1 500 387	46%
	Total for subproject	30 590 280	30 590 280	14 003 615	46%

2. Materials

№	Canals name	Earthwork, m3			Concrete work, m³			Gravel bed, m³		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	Levaya Vetka off-farm canal	1465,1	964,1	66%	241,4	148,99	62%	78,1	39,1	50%
2	Bolush-Ata on-farm canal	17057,9	11887,63	70%	478,0	0		487,8	0	
3	Jeti-Koshkon on-farm canal	18463,2	18315,77	99%	571,9	545,29	95%	594,7	594,7	100%
4	PK-133 on-farm canal	15208,4	14280,43	94%	698,1	210,84	30%	670,8	642,7	96%
5	PK-139 Levy on-farm canal	7446,6	6286,4	84%	509,4	70,26	14%	530,3	81,5	15%
Total for subproject		59641,2	51734,33	87%	2498,8	975,38	39%	2361,7	1358	57%

3. Structures

№	Canals name	Water outlets, pcs.			Other structures, pcs.		
		Planned	Actual	%	Planned	Actual	%
1	Levaya Vetka off-farm canal	3					
2	Bolush-Ata on-farm canal	4					
3	Jeti-Koshkon on-farm canal	7	7	100%	3		
4	PK-133 on-farm canal	5					
5	PK-139 Levy on-farm canal	1			12		
	<i>Total for subproject</i>	<i>20</i>	<i>7</i>	<i>35%</i>	<i>15</i>		

Issyk-Kul oblast

In the Issyk-Kul oblast, the main list for rehabilitation included 2 WUAs with a total area of 7,199 ha.

#	WUA name	Rayon	Area, ha		Status
			WUA total area	of which covered by rehabilitation	
1	Belsovkhos O	Jety-Oguz	5281	5281	Rehabilitation
2	Tasma-Karanar	Ak-Suu	1918	1918	Rehabilitation
3	Alagoz-Kaba, Lot #2 – transferred from OIP-2 AF	Ton			Rehabilitation completed
2	Total		7199	7199	

The value of the contract for 2 sub-projects in the Issyk-Kul oblast is KGS 193.9 million; the implementation in the oblast amounted to KGS 126.6 million or 65% as of the reporting date.

The table below provides data on the cost and performance of work on sub-projects (according to engineers).

#	Rayon, WUA name		Contract #	Contractor's name	Contract cost, KGS	Work performed, KGS	% of execution
	<i>Jety-Oguz</i>						
1	Belsovkhos O	Lot #1	APNIP/C.1/C W/NCB/05	Osh Impuls OsOO	51 592 936	33 252 497	64%
		Lot #2			77 041 322	57 266 940	74%
	<i>Ton</i>						
2	Alagoz-Kaba	Lot #2	APNIP/C.1/C W/S/08	Era Stroy Service OsOO	13 313 576	13 313 576	100%
	<i>Ak-Suu</i>						
3	Tasma-Karanar		APNIP/C.1/C W/NCB/13	Avtotrasstroy Plus OsOO	51 977 677	22 816 624	44%
	<i>Total</i>				193 925 511	126 649 637	65%

The physical volumes of rehabilitation work in the Issyk-Kul oblast are the following:

	Unit of measure	Planned	Actual	%
Canals	km	53,5	34,3	64%
Gauging stations	pcs.	16	2	13%
Other structures on canals	pcs	543	238	44%
Increase in water availability	ha	10 584	7 873	74%

Since the beginning of the rehabilitation work in the Issyk-Kul oblast, 91.6 thousand m³ of earthwork, 2946 m³ of concrete and reinforced concrete works and 1.3 thousand m³ of precast concrete works, 1,812 m³ of gravel (bed) preparation and 173 m³ of stone work have been completed.

For each subproject, performance indicators in monetary terms and in physical units are given in the Annex B, tables 1-4, to this report.

Information on sub-projects under construction, according to engineers, is given below.

WUA Belsovkhov O on-farm irrigation network rehabilitation in Jety-Oguz rayon, Issyk-Kul oblast, contract #APNIP/C.1/CW/NCB/05 LOT #1 and LOT #2

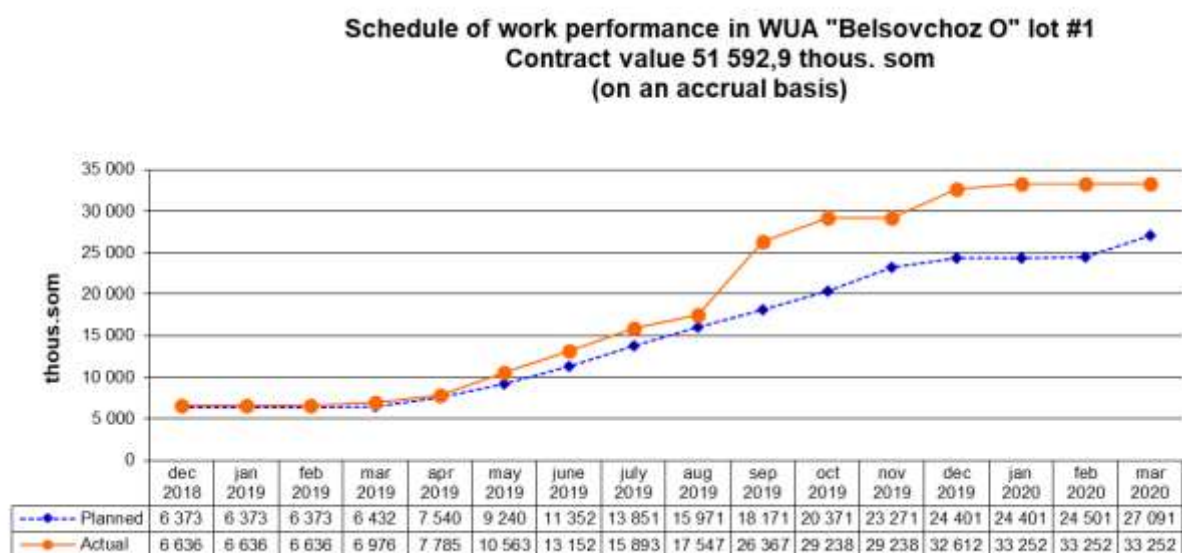
Contractor: Osh Impuls OsOO
 Cost of work, Lot #1: KGS 51,592,939;
 Cost of work, Lot #2: KGS 77,041,322
 Terms of construction: March 01, 2018 – October 30, 2020

As of March 31, 2020, the implementation of Lot # 1 on the Rehabilitation of the Irrigation Network of WUA Belsovkhov O amounted to KGS 33,252,499 or 64% of the total cost of work. Construction work is being carried out ahead of the Calendar schedule of work for KGS 6,161,899. In the current quarter, the implementation amounted to KGS 640,054 or 24%.

In the 1st quarter of 2020, the following work was carried out at the site:

- On the Verkhny on-farm canal, a prefab canal LR-60 was mounted from HMM42 + 18 to HMM43 + 12, 4 pipe crossings with a diameter of 80 cm and 2 mudflow check canals with a diameter of 60 cm were constructed.

The implementation of rehabilitation work on an accrual basis is presented in the graph below.



WUA on-farm canal (before and after construction)

The volume of work performed at the sub-project in financial terms is presented in the table below.

1. **Cost (KGS)**

#	Canals name	The cost of the working design	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	243 000	201 000	83%
	Off-farm network			
2	Chon off-farm canal	1 552 200	0	
3	Gransky off-farm canal	2 107 763	1 914 503	91%
4	Polyansky off-farm canal HMM3+00	340 750	0	
5	Headworks on Polyansky canal	3 848 115	3 027 170	79%
6	Peschansky off-farm canal	2 488 437	371 108	15%
	Total for off-farm canals	10 337 265	5 312 781	51%
7	Uriuchny on-farm canal			
8	Bartal on-farm canal	2 653 818		
9	GES on-farm canal	6 049 818	6 049 818	100%
10	“Syutuu Bulak River System “ on-farm canal	974 546	974 546	100%
11	Verkhny on-farm canal	17 036 883	14 735 042	86%
12	Shadlovsky on-farm canal	1 561 375	556 689	36%
13	Briansky on-farm canal	801 750	279 852	35%
12	Romantsov on-farm canal	1 170 393	377 441	32%
13	Masaliev 1 on-farm canal	525 241	171 717	33%
14	Masaliev 2 on-farm canal	362 739	192 363	53%
15	Stadion on-farm canal	469 520	469 520	100%
16	R-1 Peschansky on-farm canal	223 930	0	
17	R-1 Gransky on-farm canal	170 376	0	
18	R-1-1 Polyansky on-farm canal	2 154 528	1 127 507	52%
19	Stary Gransky on-farm canal	128 242	64 121	50%
	Total for on-farm canals:	34 283 159	24 998 616	73%
	Total	44 863 424	30 512 399	67%
	Contengencies 15%	6 729 514	2 740 100	41%
	Total for WUA	51 592 939	33 252 499	64%
	Including VAT 12%	4 806 796	3 990 299	83%%

2. Materials

№№ п/п	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
	Off-farm network						
1	Chon off-farm canal	41			57,2		
2	Gransky off-farm canal	313	313	100%	107,4	132,56	123%
3	Polyansky off-farm canal HMM3+00	210	210	100%	48	40,6	85%
4	Headworks on Polyansky canal	260	260	100%	191,2	65,8	34%
5	Peschansky off-farm canal	448,6			201,7		
	Total for off-farm network	1272,6	783	55%	605,5	238,9	39%
	On-farm network						
6	Uriuchny on-farm canal	2130			9,8		
7	Bartal on-farm canal	2264			284,1		
8	GES on-farm canal	9452	7315	77%	540,6	357,7	66%
9	“Syutuu Bulak River System “ on-farm canal	276	180,8	66%	53,4	23,5	44%
10	Verkhny on-farm canal	11954	10651,3	89%	564,98	339,68	60%
11	Shadlovsky on-farm canal	9936,9	816,8	8%	95,7	12,9	14%
12	Briansky on-farm canal	327,8	36,8	11%	54,8	2,5	3%
13	Romantsov on-farm canal	647	279	43%	67,7	11,2	17%
14	Masaliev 1 on-farm canal	516	139	27%	72,1	1,6	2%
15	Masaliev 2 on-farm canal	485	278	57%	11,9	3,1	26%
16	Stadion on-farm canal	423,7	423,7	100%	6,5	6,5	100%
17	R-1 Peschansky on-farm canal	144	0		18,6	0	
18	R-1 Gransky on-farm canal	68	0		7,2	0	
19	R-1-1 Polyansky on-farm canal	6507	2475	38%	9,2	0	
20	Stary Gransky on-farm canal	139	6,5	5%	1,56	1,56	100%
	Total for on-farm network	45270,4	22601,9	50%	1798,14	760,24	42%
	Total for sub-project	46 543,0	23 384,9	50%	2403,64	999,14	42%

3. Structures

#	Canals name	Gauging stations, pcs			Other structures, pcs		
		Planned	Actual	%	Planned	Факт	%
	Off-farm network						
1	Chon off-farm canal	4			6		
2	Gransky off-farm canal				1	1	100%
3	Polyansky off-farm canal HMM3+00						
4	Headworks on Polyansky canal	2	1	50%	2	1	50%
5	Peschansky off-farm canal	5			3		
	Total for off-farm network	11	1	9%	12	2	17%
	On-farm network						
6	Uriuchny on-farm canal	1					
7	Bartal on-farm canal				2		
8	GES on-farm canal				5	5	100%
9	“Syutuu Bulak River System “ on-farm canal				5	5	100%
10	Verkhny on-farm canal				35	18	43%
11	Shadlovsky on-farm canal	1			24	2	8%
12	Briansky on-farm canal				10	1	10%
13	Romantsov on-farm canal	1			9	5	56%
14	Masaliev 1 on-farm canal				5	1	20%
15	Masaliev 2 on-farm canal				7	3	43%
16	Stadion on-farm canal				3	3	100%
17	R-1 Peschansky on-farm canal						
18	R-1 Gransky on-farm canal						
19	R-1-1 Polyansky on-farm canal						
20	Sary Gransky on-farm canal				1	1	100%
	Total for on-farm network	3			106	44	42%
	Total for sub-project	14	1	7%	118	46	39%

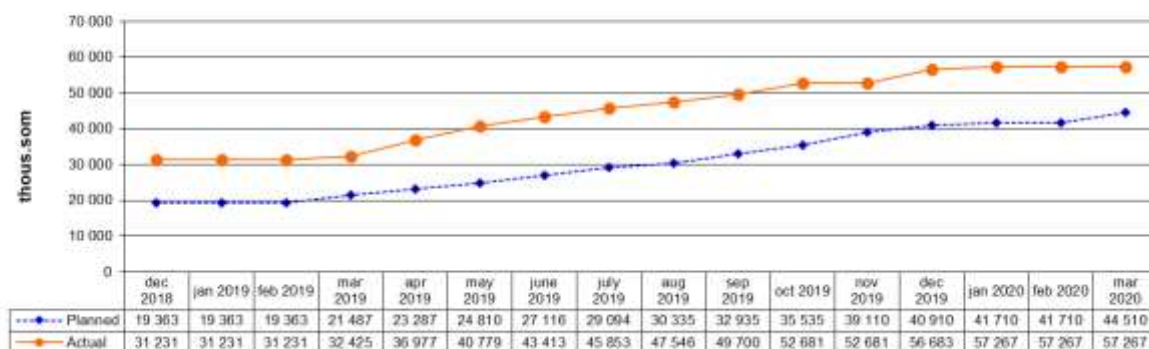
As of March 31, 2020, the implementation of Lot # 2 on the Rehabilitation of the Irrigation Network of WUA Belsovkhos O amounted to KGS 57,266,940 or 74% of the total cost of the work. Construction work is being carried out ahead of the Calendar schedule of work for KGS 12,550,040. In the current quarter, the implementation amounted to KGS 578,440 or 16%.

In the 1st quarter of 2020, the following work was carried out:

- On the Sary-Tal on-farm canal, a 96-meter long prefab canal was mounted.

The implementation of rehabilitation work on an accrual basis is presented in the graph below.

Schedule of work performance in WUA "Belsovchoz O" lot #2
Contract value 77 041,3 thous. som
(on an accrual basis)





WUA on-farm canal (before and after rehabilitation)

The volume of work performed on the sub-project in financial terms is presented in the table below.

1. Cost (KGS)

#	Canals name	Tender price	The cost of the working design	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	263 000	263 000	161 900	62%
	On-farm network				
2	Kara-Jol on-farm canal	12 828 315	12 943 759	12 908 784	99%
3	Shalba on-farm canal	15 379 051	16 860 340	13 890 572	82%
4	Kyrkyn on-farm canal	9 129 614	9 242 999	9 224 599	99%
5	Peschansky on-farm canal	2 423 501	2 443 901	1 113 278	46%
6	Kok-Tere and Kuvan on-farm canals	1 792 508	1 792 508	0	
7	Alymjan on-farm canal	215 202	215 202	84 948	40%
8	Sary-Tal on-farm canal	5 827 600	5 827 600	4 332 548	74%
9	Aryk on-farm canal	379 506	379 506	0	
10	Kara-Jal on-farm canal	4 240 490	4 084 845	3 512 325	86%
11	Seybek on-farm canal	185 298	185 298	0	
12	R-7 on-farm canal	183 138	183 138	0	
13	R-10 on-farm canal	314 230	314 230	0	
14	Kara-Kurak on-farm canal	128 671	128 671	0	
15	Turdin on-farm canal	1 316 309	1 316 309	581 580	44%
16	Kokuy-Kul on-farm canal	449 432	449 432	38 408	9%
17	Initial part of the Boz-Beshik NSR	2 849 570	1 828 323	625 225	34%
18	Boz-Beshik Maly NSR	934 220	934 220	934 220	100%
19	Boz-Beshik on-farm canal	4 989 177	5 092 292	5 092 292	100%
20	Obvodnoy on-farm canal	177 916	177 916	101 226	57%
21	Orto-Aryk on-farm canal	2 985 706	2 328 966	132 000	5%
	Total for on-farm canals:	66 729 454	66 729 455	52 572 005	79%
	Total	66 992 454	66 992 454	52 733 905	79%
	Contengencies 15%	10 048 868	10 048 868	4 533 035	45%
	Total for WUA	77 041 322	77 041 322	57 266 940	74%
	Including VAT 12%	8 282 606	8 254 427	6 872 033	83%

2. Materials

#	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
	On-farm network						
1	Kara-Jol on-farm canal	7652	764,3	10%	11,7	8,9	76%
2	Shalba on-farm canal	19906	19259	97%	906,1	741	82%
3	Kyrkyn on-farm canal	8451	8477,4	101%	695,9	533,6	76%
4	Peschansky on-farm canal	2128	1029	48%	19,2	2,9	16%
5	Kok-Tere and Kuvan on-farm canals	830			56,1		
6	Alymjan on-farm canal	99	26	26%	11,6	3,7	32%
7	Sary-Tal on-farm canal	5734	2736	48%	10,5	4,5	43%

#	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
8	Aryk on-farm canal	459			7,4		
9	Kara-Jal on-farm canal	3103	2431	78%	600,6	19,5	3%
10	Seybek on-farm canal	167			3,4		
11	R-7 on-farm canal	176			4,9		
12	R-10 on-farm canal	455			8,4		
13	Kara-Kurak on-farm canal	48,8			2,2		
14	Turdin on-farm canal	9687,4	9687,4	100%	26,5		
15	Kokuy-Kul on-farm canal	217	28	13%	9,9	0,6	6%
16	Initial part of the Boz-Beshik NSR	23009	400	2%	10,6	68,7	
17	Boz-Beshik Maly NSR	8387	4105	48%	13,1	14,4	110%
18	Boz-Beshik on-farm canal	6442,9	6442,9	100%	9,2	9,2	100%
19	Obvodnoy on-farm canal	165			5,3		
20	Orto-Aryk on-farm canal	4446,8			68,2		
	Total for on-farm network:	101563,9	55386	54%	2480,8	1564,1	63%

3. Structures

#	Canals name	Gauging stations, pcs			Water Outlets, pcs		
		Planned	Actual	%	Planned	Actual	%
	On-farm network						
1	Kara-Jol on-farm canal				9	9	100%
2	Shalba on-farm canal				15	2	13%
3	Kyrkyn on-farm canal	1			8	2	25%
4	Peschansky on-farm canal				3		
5	Kok-Tere and Kuvan on-farm canals				19		
6	Alymjan on-farm canal				4	2	50%
7	Sary-Tal on-farm canal				13	13	100%
8	Aryk on-farm canal				3		
9	Kara-Jal on-farm canal				11	5	46%
10	Seybek on-farm canal				2		
11	R-7 on-farm canal				2		
12	R-10 on-farm canal				2		
13	Kara-Kurak on-farm canal				2		
14	Turdin on-farm canal				10		
15	Kokuy-Kul on-farm canal				8	2	25%
16	Initial part of the Boz-Beshik NSR				0		
17	Boz-Beshik Maly NSR				1		
18	Boz-Beshik on-farm canal				10		
19	Obvodnoy on-farm canal				1	3	300%
20	Orto-Aryk on-farm canal				20		
	Total for sub-rproject:	1			143	38	27%

***WUA Tasma-Karanar on-farm irrigation network rehabilitation,
Ak-Suu rayon, Issyk-Kul oblast, contract APNIP/C.1/CW/NCB/13***

Contractor:

Avtotransstroy Plus OsOO

Cost of work:

KGS 51,977,677;

Terms of construction:

August 29, 2018 – October 31, 2020

As of March 31, 2020, the implementation of the subproject amounted to KGS 22,816,624 or 44% of the total cost of work. Construction work is carried out with a lag of KGS 7,193,376 behind the Schedule of works. In the current quarter, the implementation amounted to KGS 0,0.

The lag behind the schedule was allowed mainly due to the insufficient attention of the Avtotransstroy Plus OsOO management to the organization of work at the facility (failure to

supply prefabricated reinforced concrete blocks LR-40 and LR-60, precast water outlets VSL and VSP; downtime due to lack of fuels and lubricants, cement, poroisol, formwork and other building materials at the site; untimely payment of wages to workers, as well as extremely insufficient involvement of skilled workers to accelerate the pace of rehabilitation).

To perform the work stipulated by the contract on time, the contractor needs to correct the above shortcomings, provide the construction site with the necessary construction equipment, provide enough materials, fuel and lubricants and vehicles for transporting goods and workers.

In the 1st quarter of 2020, rehabilitation work was not performed. Pipes for crossings for a total amount of KGS 266 thousand were delivered to the site.

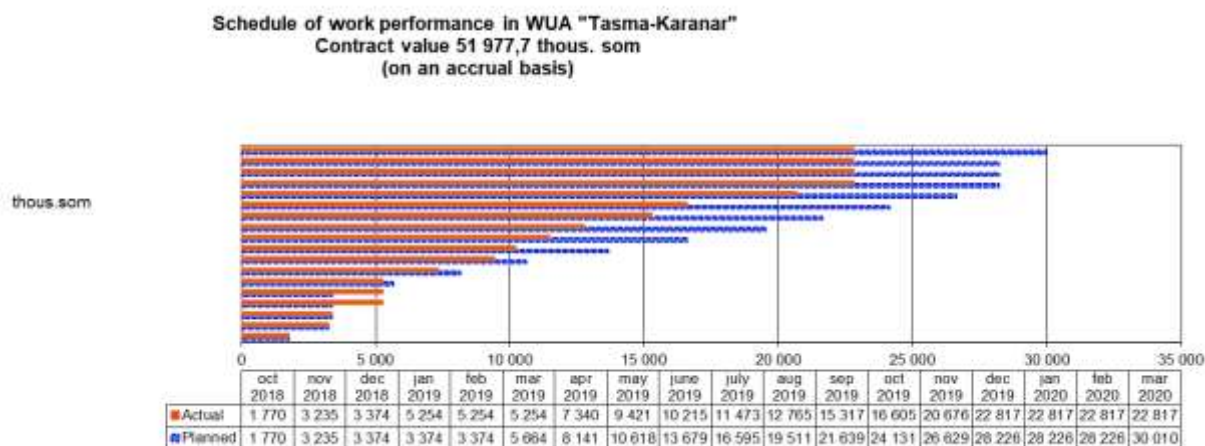


Cholpon on-farm canal – rubble concrete



Priaryk-Kayirma prefab canal – preparing the canal's route

The implementation of rehabilitation work on an accrual basis is presented in the graph below.



The volume of work performed on the sub-project in financial terms is presented in the table below.

1. Cost (KGS)

#	Canals name	Tender price	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	429 487	281 714	66%
	Off-farm network			
2	Nijny Kunduy off-farm canal	2 894 221	2 023 446	70%
3	Komsomolsky off-farm canal	1 075 181	502 531	47%
4	Kayirma off-farm canal	1 037 966	385 154	37%
5	Kaskad off-farm canal	1 179 900	330 643	28%
	Total for off-farm canals	6 187 268	3 241 774	52%
	On-farm network			

#	Canals name	Tender price	Completed from the beginning of rehabilitation	% of execution
6	Krasny Baz prefab canal	2 403 979	1 784 969	74%
7	R-1-1 prefab canal	1 762 844	698 012	40%
8	R-1-2 prefab canal	846 251	39 823	5%
9	Pliaj prefab canal	3 212 158	2 957 149	92%
10	Nijny Kunduy prefab canal, HMM111+00	3 261 331	2 686 390	82%
11	Podpityvayushy on-farm canal	134 573	47 806	36%
12	R-2-3 prefab canal (from Komsomolsky canal)	1 633 180	1 068 493	65%
13	Cholpon on-farm canal	8 010 994	3 305 205	41%
14	Priaryk Kayirma prefab canal	6 612 824	4 147 554	63%
15	Priaryk Kayirma -1 prefab canal	1 742 054	162 817	7%
16	Ferma 3 prefab canal	1 695 692	1 175 253	69%
17	Pravy Kayirma on-farm canal	156 438	31 871	20%
18	Sredne-Mayevsky on-farm canal	438 961	438 961	100%
19	Sadovy prefab canal	5 602 637	143 419	3%
20	Ovoshnoy on-farm canal	87 189	31 871	37%
	Total for on-farm canals:	37 601 105	18 719 593	50%
	According to inventory reconciliation report	980 119		
	Total	45 197 979	22 243 081	49%
	Contingencies 15%	6 779 697	573 543	8%
	Total for WUA	51 977 677	22 816 624	44%

2. Materials

#	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
	Off-farm network						
1	Nijny Kunduy off-farm canal	885	584	65%	91	44,2	49%
2	Komsomolsky off-farm canal	398			30,4		
3	Kayirma off-farm canal	584			26,8		
4	Kaskad off-farm canal	463			68,31		
	Total for off-farm canals	2330	584	25%	216,51	44,2	20%
	On-farm network						
5	Krasny Baz prefab canal	1820	1414	78%	18,9	6,3	33%
6	R-1-1 prefab canal	3254	1758	54%	18,8	12,24	65%
7	R-1-2 prefab canal	662	0		2,54	0	
8	Pliaj prefab canal	2448	2448	100%	29,8	26,2	88%
9	Nijny Kunduy prefab canal, HMM111+00	3221	2633	82%	34	29	85%
10	Podpityvayushy on-farm canal	51	0		5,4	0	
11	R-2-3 prefab canal (from Komsomolsky canal)	1068	0		3,1	0	
12	Cholpon on-farm canal	4417	1536	35%	635,5	244,1	38%
13	Priaryk Kayirma prefab canal	4137	1710	40%	12,9	2,9	3%
14	Priaryk Kayirma -1 prefab canal	1206	0		6,24	0	
15	Ferma 3 prefab canal	1608	0		7,9	0	
16	Pravy Kayirma on-farm canal	71	0		6,1	0	
17	Sredne-Mayevsky on-farm canal	210	210	100%	18	18	100%
18	Sadovy prefab canal	4151	0		7,1	0	
19	Ovoshnoy on-farm canal	34	0		3,9	0	
	Total for on-farm network	28358	11709	41%	810,18	338,74	42%
	Total for WUA	30688	12293	40%	1026,7	382,94	37%

3. Structures

#	Canals name	Gauging stations, pcs			Water Outlets, pcs		
		Planned	Actual	%	Planned	Actual	%
	Off-farm network						
1	Nijny Kunduy off-farm canal	1	1	100%	16	9	43%

#	Canals name	Gauging stations, pcs			Water Outlets, pcs		
		Planned	Actual	%	Planned	Actual	%
2	Komsomolsky off-farm canal				4		
3	Kayirma off-farm canal				3		
4	Kaskad off-farm canal				1		
Total for off-farm canals		1	1	100%	24	9	38%
	On-farm network						
5	Krasny Baz prefab canal				6	2	33%
6	R-1-1 prefab canal				5		
7	R-1-2 prefab canal				1		
8	Pliaj prefab canal				4	4	100%
9	Nijny Kunduy prefab canal, HMM111+00				7	7	100%
10	Podpityvayushy on-farm canal				3		
11	R-2-3 prefab canal (from Komsomolsky canal)				4		
12	Cholpon on-farm canal				11	1	9%
13	Priaryk Kayirma prefab canal				8		
14	Priaryk Kayirma -1 prefab canal				3		
15	Ferma 3 prefab canal				2		
16	Pravy Kayirma on-farm canal				2		
17	Sredne-Mayevsky on-farm canal				6	6	100%
18	Sadovy prefab canal				9		
19	Ovoshnoy on-farm canal				2		
Total for on-farm canals					73	20	27%
	Total for sub-project	1	1	100%	97	29	30%

Naryn oblast

In the Naryn oblast, as of the reporting date, the main list for rehabilitation included 4 WUAs with a total area of 8 109 ha of irrigated land.

#	WUA name	Rayon	Area, ha		Status
			WUA total area	of which covered by rehabilitation	
1	Bash-Keltebek	At-Bashi	2389	2389	Rehabilitation
2	Talaa-Bulak	Ak-Talaa	1025	1025	Detailed design
3	Toktomush	Jumgal	2236	2236	Rehabilitation
4	Kara-Kungoy Ukok Suu	Kochkor	2459	2459	Rehabilitation
	Total for Naryn oblast		8109	8109	

The value of contracts for rehabilitation work in the Naryn oblast is KGS 139.5 million; the implementation in the oblast amounted to KGS 31.3 million or 22% as of the reporting date.

The table below provides data on the cost and performance of work on sub-projects (according to engineers).

#	Rayon, WUA name	Contract #	Contractor's name	Contract cost, KGS	Work completed from the beginning of implementation, KGS	% of implementation
	<i>Jumgal</i>					
1	Toktomush	APNIP/C.1/C W/NCB/04	Nark-Too OsOO	27 498 702	18 984 787	67%
	<i>At-Bashi</i>					
2	Bash-Keltebek	APNIP/C.1/C W/NCB/11	Consortium of the HiTechStroy OsOO and Nika KG OsOO	57 365 514	12 299 205	21%
	<i>Kochkor</i>					
3	Kara-Kungoy-Ukok Suu	APNIP/C.1/C W/NCB/20	Jalal-Abad SMU TT ZAO	54 634 436	0	
	Total			139 498 652	31 283 992	22%

The physical volumes of rehabilitation work in the Naryn oblast are as follows:

	Unit of measure	Planned	Actual	%
Canals	km	21,1	3,3	16%
Gauging stations	pcs	4	-	
NSRs	pcs	3	-	
Other structures on canals	pcs	187	17	9%
Increase in water availability	ha	7084	2045	29%

Since the beginning of rehabilitation work in the Naryn oblast, 25.0 thousand m3 of earthwork, 1.4 thousand m3 of concrete and reinforced concrete work and 737 m3 of prefabricated concrete work, 1.17 thousand m3 of gravel (bed) preparation and 717 m3 of stone work have been completed.

For each subproject, performance indicators in monetary terms and in physical units are given in the Annex B, tables 1-4, to this report.

Information on subprojects under construction, according to engineers' data, is given below.

***WUA Toktomush on-farm irrigation network rehabilitation
Jungal rayon, Naryn oblast, Contract APNIP/C.1/CW/NCB/04***

Contractor: Nark-Too OsOO
Cost of work: KGS 27,498,702;
Terms of construction: July 1st, 2018 – April 30, 2020

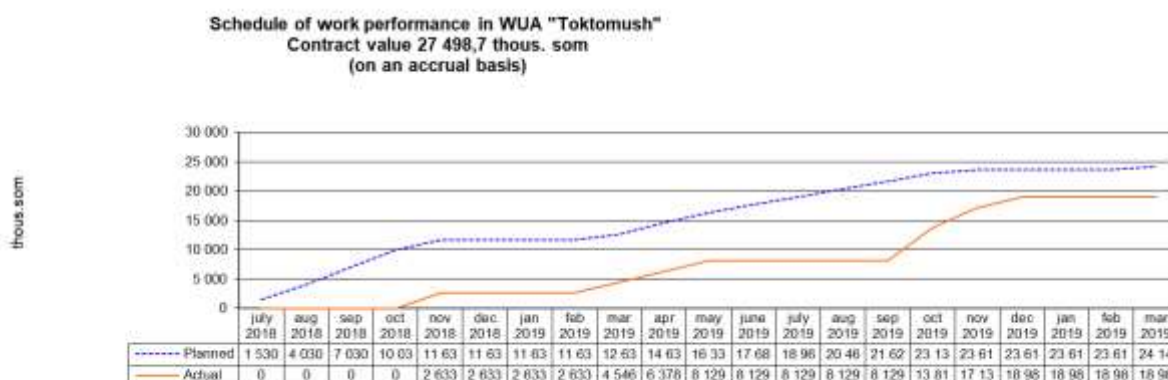
As of March 31, 2020, the implementation of the subproject amounted to KGS 18,984,787 or 69% of the total cost of work. Construction work is carried out with a lag of the calendar schedule of work for KGS 5,164,233. In the current quarter, the implementation amounted to KGS 0,0.

In the 1st quarter of 2020, no rehabilitation work was carried out due to weather conditions.



Cholok on-farm canal lining.

The implementation of rehabilitation work on an accrual basis is presented in the graph below.



The volume of work performed on the sub-project in financial terms is presented in the table below.

1. **Cost (KGS)**

#	Canals name	Tender price	The cost of the working design	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	218 000	218 000	181 100	69%
2	Jany-Aryk on-farm canal	8 762 436	8 762 436	8 552 061	98%
3	Katagan on-farm canal	1 959 461	1 959 461	0	
4	Akkyia on-farm canal	384 209	384 209	346 038	90%
5	Karagul on-farm canal	1 124 129	1 124 129	0	
6	Aljanbay on-farm canal	456 925	456 925	0	
7	Tynay on-farm canal	72 319	72 319	0	

#	Canals name	Tender price	The cost of the working design	Completed from the beginning of rehabilitation	% of execution
8	Tash-2 on-farm canal	797 249	797 249	0	
9	Cholok on-farm canal	3 446 162	3 446 162	3 168 831	92%
10	Jolke on-farm canal	2 503 054	2 503 054	2 032 921	81%
11	Kardy-Jaryk on-farm canal	5 278 975	5 278 975	4 391 698	83%
12	Tash-1 on-farm canal	15 723	15 723	0	
	Total for on-farm canals:	24 800 642	24 800 642	18 491 549	70%
	Contingencies 10%	2 480 060	2 480 060	312 138	56%
	Total for WUA	27 498 702	27 498 702	18 984 787	69%

2. Materials

#	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
1	Jany-Aryk on-farm canal	12411	12341	99%	542,98	454,96	84%
2	Katagan on-farm canal	3930	0		93,3	0	
3	Akkyia on-farm canal	190	0		22,36	0	
4	Karagul on-farm canal	713	0		60,7	0	
5	Aljanbay on-farm canal	244	0		25,9	0	
6	Tynay on-farm canal	41	0		4,2	0	
7	Tash-2 on-farm canal	215	0		25,6	0	
8	Cholok on-farm canal	2337	2214,2	95%	257,35	86,22	34%
9	Jolke on-farm canal	3056	2913,1	95%	261,94	207,6	79%
10	Kardy-Jaryk on-farm canal	4048	3020,0	75%	246,6	57,4	23%
11	Tash-1 on-farm canal	0	0		0	0	
	Total for sub-project	27185	20488,3	75%	1540,93	806,18	52%

3. Structures

№.№ п/п	Canals name	Water Outlets, pcs			Aqueducts, pcs		
		Planned	Actual	%	Planned	Actual	%
1	Jany-Aryk on-farm canal	4	1	25%			
2	Katagan on-farm canal	4			1		
3	Akkyia on-farm canal	1					
4	Karagul on-farm canal	10					
5	Aljanbay on-farm canal	9					
6	Tynay on-farm canal	2					
7	Tash-2 on-farm canal	0					
8	Cholok on-farm canal	6	1	17%			
9	Jolke on-farm canal	4					
10	Kardy-Jaryk on-farm canal	4	1	25%			
	Tash-1 on-farm canal	0					
	Total for sub-project	44	3	7%	1	-	

WUA Bash-Keltebek on-farm irrigation network rehabilitation At-Bashi rayon, Naryn oblast, Contract APNIP/C.1/CW/NCB/11

Contractor:

HiTechStroy OsOO

Cost of work:

KGS 57,365,514;

Terms of construction:

March 1st 2019 – April 30, 2021

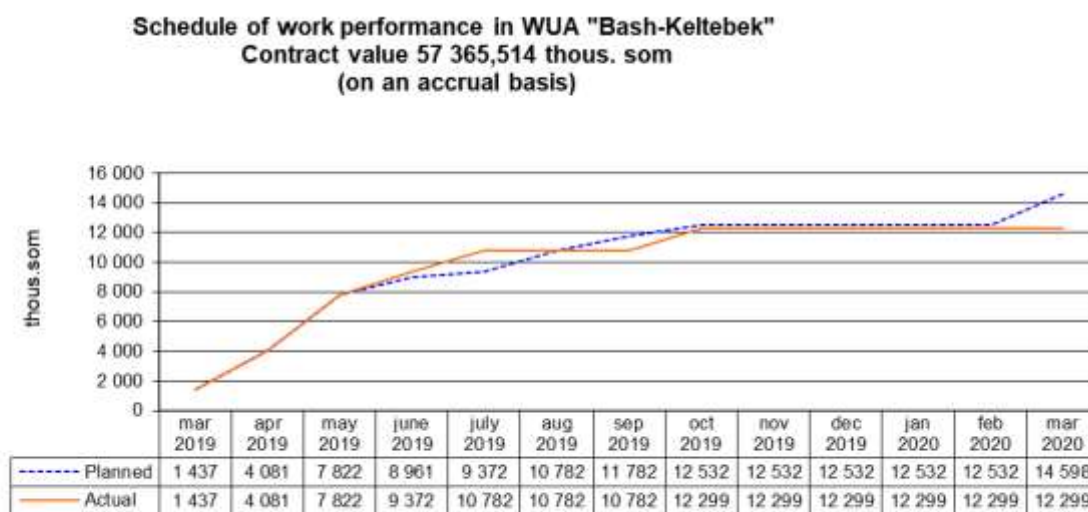
As of March 31, 2020, the implementation of the subproject amounted to KGS 12,299,205 or 21% of the total cost of work. Construction work is carried out with a lag from the Schedule of works for KGS 2,299,015. In the current quarter, the implementation amounted to KGS 0,0.

In the 1st quarter of 2020, rehabilitation work was not carried out due to adverse weather conditions.



Rehabilitation work on WUA on-farm canal

The implementation of rehabilitation work on an accrual basis is presented in the graph below.



The volume of work performed on the sub-project in financial terms is presented in the table below.

1. Cost (KGS)

#	Canals name	Tender price	The cost of the working design	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	1 650 000	1 650 000	1 102 000	67%
2	Bash-Keltebek headworks	1 082 222	1 082 222	944 110	87%
3	Bash-Keltebek-1 on-farm canal	15 812 365	15 812 365	936 098	6%
4	Bash-Keltebek-2 on-farm canal	14 440 282	14 440 282	3 774 597	26%

#	Canals name	Tender price	The cost of the working design	Completed from the beginning of rehabilitation	% of execution
5	Kytat Aryk on-farm canal	19 315 598	19 315 598	5 542 400	29%
	Total for on-farm canals:	50 650 467	50 650 467	11 197 205	22%
	<i>Contingencies 10%</i>	<i>5 065 047</i>	<i>5 065 047</i>		
	Total for WUA	57 365 514	57 365 514	12 299 205	21%

2. Materials

#	Canals name	Earthwork, m ³			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
1	Bash-Keltebek headworks				11,08	10,83	99%
2	Bash-Keltebek-1 on-farm canal	16521,6	82,9	0,5%	1228,84	69,1	6%
3	Bash-Keltebek-2 on-farm canal	12851,14	3529,5	27%	1265,6	330,6	26%
4	Kytat Aryk on-farm canal	16111,8	768,2	5%	1650,3	109,7	7%
	Total for sub-project	45484,54	4380,6	10%	4155,82	520,23	12%

3. Structures

#	Canals name	Water intake structure, pcs			Other structures, pcs.		
		Planned	Actual	%	Planned	Actual	%
1	Bash-Keltebek headworks	1	1	100%	1	1	100%
2	Bash-Keltebek-1 on-farm canal				2		
3	Bash-Keltebek-2 on-farm canal				4	1	25%
4	Kytat Aryk on-farm canal	1			2		
	Total for sub-project	2	1	50%	9	2	22%

“Rehabilitation of the on-farm irrigation network in WUA Kara-Kungei Ukok Suu in Kochkor rayon, Naryn oblast, contract # APNIP/C.1/CW/NCB/20

Contractor:

ZAO Jalal-Abad SMU TT

Cost of work:

KGS 54,634,436;

Terms of construction:

December 25, 2019 – December 25, 2021

As of March 31, 2020, the work on the subproject was not performed due to climatic conditions. Construction work is carried out with a lag of the Schedule of works for KGS 3,400,692. In the current quarter, the implementation amounted to KGS 0,0.

Osh oblast

In Osh oblast, as of the reporting date, 7 WUAs were included in the main list for rehabilitation, with a total area of 12,849 hectares of irrigated land.

#	WUA name	Rayon	Area, ha		Status
			WUA total area	of which covered by rehabilitation	
1	Kur-Tash	Aravan	2654	2654	Rehabilitation
2	Ten-Alysh	Kara-Kuldja	1308	1308	Contract awarded
3	Kurshab-Arzybek	Uzgen	1516	1516	Rehabilitation
4	Hodja-Aryk	Nookat	1832	1832	Tender announced
5	Kyzyl-Boston	Nookat	1056	1056	Detailed design
6	Ene-Say Yug	Kara-Suu	1281	1281	Detailed design
7	Abror	Kara-Suu	3202	3202	Detailed design
7	Total for Osh oblast		12849	12849	

The value of contracts for rehabilitation work in the Osh oblast is KGS 85.8 million; the implementation in the oblast amounted to KGS 69.5 million or 81%, as of the reporting date.

The contract value and implementation costs are presented below.

#	Rayon, WUA name	Contract #	Contractor's name	Contract cost, KGS	Work completed from the beginning of implementation, KGS	% of implementation
	<i>Aravan</i>					
1	Kur-Tash	APNIP/C.1/C W/NCB/09	Injenernaya Zashita OsOO	49 864 457	45 884 301	92%
	<i>Uzgen</i>					
2	Kurshab-Arzybek	APNIP/C.1/C W/NCB/15	Brik OsOO	35 901 450	23 593 678	66%
	Total			85 765 907	69 477 977	81%

Physical volumes of rehabilitation for sub-projects in Osh oblast are given below:

	Unit of measure	Planned	Actual	%
Canals	km	20,5	19,3	94%
Gauging stations	pcs.	6	4	67%
Other structures on canals	pcs.	191	142	74%
Increase in water availability	ha	4170	3427	82%

In total, in Osh oblast, the following volumes of construction work were performed: earthworks, all types of 133.7 thousand m³; concrete and reinforced concrete work 5.5 thousand m³; precast concrete 306 m³; gravel preparation 5.5 thousand m³, stone work 510 m³.

For each subproject, performance indicators in monetary terms and in physical units are given in the Annex B, tables 1-4, to this report.

Information on subprojects under construction, according to engineers' data, is given below.

***WUA Kur-Tash on-farm irrigation network rehabilitation
Aravan rayon, Osh oblast, Contract APNIP/C.1/CW/NCB/09***

Contractor: *Injenernaya Zashita OsOO*
Cost of work: *KGS 49,864,457*
Terms of construction: *January 01, 2018 – April 30, 2020.*

As of March 31, 2020, the performance of work for the Kur-Tash WUA irrigation network rehabilitation amounted to KGS 45,884,301 or 92% of the total cost of work.

Construction work is being carried out ahead of the Calendar schedule of work by KGS 4,605,963 or 111%. In the current quarter, the implementation amounted to KGS 5,674,978 or 146%.

In the 1st quarter of 2020, the following works were carried out at the site:

- On the H-7 off-farm canal, 3 water outlets with a tubular crossing at HMM16 + 26, 26 + 72, 41 + 86 were made.
- On the H-1 on-farm canal, gauging stations were installed at HMM1 + 07, curbs were build-up from HMM0 + 00 to HMM0 + 30; water outlets at HMM0 + 35, tubular crossings at HMM4 + 90 were made; concrete lining from HMM0 + 00 to HMM2 + 27 and from HMM2 + 56 to HMM2 + 61 (left slope) performed.
- On the H-2 on-farm canal, concrete lining was performed from HMM0 + 00 to HMM2 + 60; a water outlet with a pipe crossing at HMM0 + 00, a cushion well at HMM0 + 12 and gauging station at HMM0 + 34, were mounted.
- On the H-2-3 on-farm canal, water outlets were installed at HMM0 + 41, 2 + 19, and the concrete section was connected to the earthen bed at HMM2 + 19.
- On the H-3 on-farm canal, a water outlet with a tubular crossing at HMM0 + 00 was mounted; a water outlet to HMM0 + 50, and a tubular crossing at HMM5 + 55 were made.
- On the H-7 on-farm canal, gauging station was installed at HMM0 + 70; an escape structure at HMM19 + 90, water outlets at HMM1 + 49, 8 + 30 were mounted; concrete lining from HMM0 + 00 to HMM0 + 40, from HMM7 + 30 to HMM8 + 30 performed.
- On the H-7-2 on-farm canal, concrete lining was performed from HMM0 + 00 to HMM7 + 41; water outlets at HMM0 + 51, 5 + 13, 7 + 40, 7 + 95, 10 + 77, 41 + 11 constructed.
- Concrete lining was performed on the H-7-3 on-farm canal from HMM0 + 00 to HMM0 + 50; water outlets at HMM0 + 06, 0 + 40, 1 + 50 constructed.
- Concrete lining was performed on the H-7-4 on-farm canal from HMM0 + 14 to HMM7 + 79; a water outlet was constructed at HMM4 + 80.
- На внутривладельческом канале Х-7-6 выполнено устройство водовыпуска на ПК28+60 (замена затвора), трубчатого переезда на ПК13+36 On the H-7-6 on-farm canal, a water outlet was constructed at HMM28 + 60 (valve replacement) and a pipe crossing at HMM13 + 36 was made.
- Concrete lining was performed on the H-7-7 on-farm canal from HMM17 + 88 to HMM18 + 88, from HMM19 + 93 to HMM22 + 93; 2 water outlets with a pipe crossing at HMM9 + 50, 10 + 18 and a junction of a concrete canal with earthen bed at HMM3 + 55, were made.
- On the H-7-7-1 on-farm canal, a pipe crossing with a well was installed at HMM11 + 52.

At the request of the management of WUA “Kur-Tash”, the subproject “Rehabilitation of the irrigation system of WUA Kur-Tash” includes the following additional work:

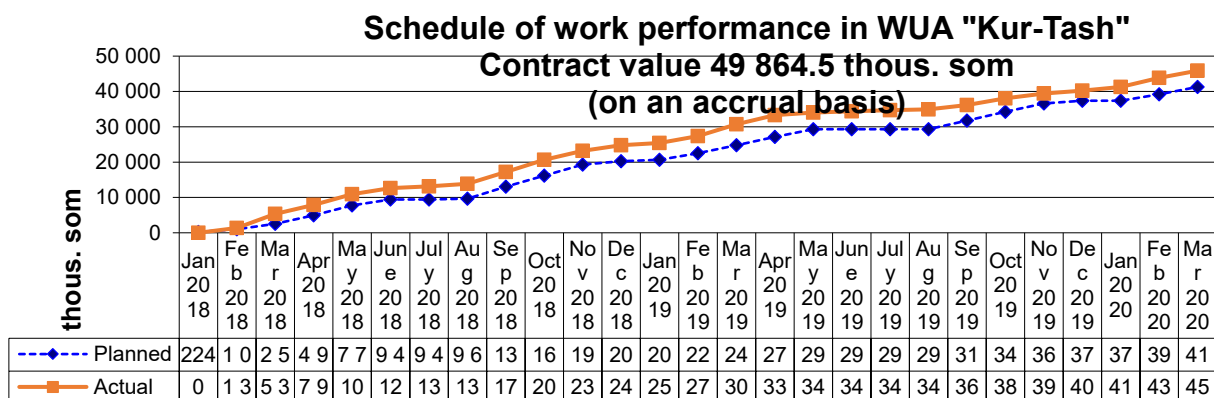
- On the H-1 on-farm canal, an installation of a water outlet at HM0 + 35 and a repair of a pipe crossing at HMM4 + 90 are provided.
- On the H-2 on-farm canal, a water outlet construction with a pipe crossing at HMM0 + 00 is provided.
- On the H-2-3 on-farm canal, a water outlet construction is provided for at HMM0 + 41, HMM2 + 19.19.
- On the H-3 on-farm canal, a head water outlet with a pipe crossing at HMM0 + 00, a water outlet at HMM0 + 50, a pipe crossing at HMM5 + 55.32 are provided.

- On the H-6-1 on-farm canal, a water outlet at HMM50 + 58.18, HMM55 + 18.78 and HMM57 + 59.43, a swing-type well with a pipe crossing at HMM57 + 53.78 are provided
- Concrete lining on the H-7 on-farm canal from HMM0 + 00 to HMM0 + 40 and from HMM7 + 30 to HMM8 + 30, and water outlets at HMM1 + 49, HMM8 + 30 are provided.
- On the H-7-2 on-farm canal, concrete lining from HMM0 + 00 to HMM7 + 41.42, water outlets at HMM0 + 51, 5 + 13, 7 + 40, 7 + 95, 10 + 77, 41 + 1177, 41+11 are provided.
- On the H-7-3 on-farm canal, concrete lining from HMM0 + 00 to HMM0 + 50, water outlets at HMM0 + 06, 0 + 40, 1 + 50, are provided.
- On the H-7-4 on-farm canal, concrete lining from HMM0 + 14.63 to HMM7 + 79.61, a water outlet at HMM4 + 80, are provided.
- On the H-7-6 on-farm canal, water outlets at HMM5 + 34, 13 + 46, 15 + 36, 23 + 56, a pipe crossing at HMM11 + 34, are foreseen.
- On the H-7-7 on-farm canal, a water outlet at HMM18 + 48 is provided.
- On the H-7-7-2 on-farm canal, a water outlet is provided for at HMM2 + 30.



WUA on-farm canal (before and after rehabilitation)

The implementation of rehabilitation work on an accrual basis is presented in the graph below.



The volume of work performed on the sub-project in financial terms and in physical units is presented in the tables below.

1. Cost (KGS)

#	Canals name	Tender price	Project design #1 cost	Project design #4 cost	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	513 000	513 000	513 000	225 300	44%
2	H-6 off-farm canal	54 345	54 345	0	0	
3	H-7 off-farm canal	323 049	323 049	361 164	361 164	100%
	Total for off-farm canals	377 394	377 394	361 164	361 164	100%

#	Canals name	Tender price	Project diseign #1 cost	Project design #4 cost	Completed from the beginning of rehabilitation	% of execution
4	H-1 on-farm canal	2 405 234	2 405 234	1 802 406	1 205 371	67%
5	H-2 on-farm canal	1 950 431	1 950 431	1 663 345	1 091 743	66%
6	H-2-1 on-farm canal	813 981	813 981	712 473	712 473	100%
7	H-2-2 on-farm canal	1 100 711	1 100 711	1 413 113	1 413 113	100%
8	H-2-3 on-farm canal	505 497	505 497	727 648	727 648	100%
9	H-3 on-farm canal	825 896	825 896	825 896	825 896	100%
10	H-6 on-farm canal	2 012 022	2 012 022	0	0	
11	H-6-1 on-farm canal	6 571 823	6 571 823	10 133 327	9 178 413	91%
12	H-6-1 on-farm canal (tail reach)	419 602	419 602	420 305	420 305	100%
13	H-6-1-1 on-farm canal	747 390	747 390	879 484	879 484	100%
14	H-6-1-1 on-farm canal (tail reach)	1 107 145	1 107 145	1 285 199	1 285 199	100%
15	H-7 on-farm canal	15 510 424	15 510 424	15 675 201	15 569 838	99%
16	H-7-6 on-farm canal	1 081 943	1 081 943	923 786	923 786	100%
17	H-7-7 on-farm canal	1 309 296	1 309 296	3 338 571	2 921 261	88%
18	H-7-7-1 on-farm canal	1 529 765	1 529 765	1 471 927	1 204 291	82%
	Total for on-farm canals:	37 891 160	37 891 160	41 272 681	38 358 821	93%
	Total	38 268 554	38 268 554	41 633 846	38 719 986	93%
	Contingencies 15%	5 740 283	5 740 283	2 374 990	2 022 839	85%
	Total	44 521 837	44 521 837	44 521 837	40 968 126	92%
	VAT 12%	5 342 620	5 342 620	5 342 620	4 916 175	92%
	Total for WUA	49 864 457	49 864 457	49 864 457	45 884 301	92%

2. Materials

#	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
1	H-6 off-farm canal						
2	H-7 off-farm canal	144,17	144,17	100%	12,48	12,48	100%
3	H-1 on-farm canal	1416,4	1303,12	92%	138,4	125,9	91%
4	H-2 on-farm canal	1872,75	1548,6	83%	154,47	137,68	89%
5	H-2-1 on-farm canal	991,5	991,5	100%	88,8	88,8	100%
6	H-2-2 on-farm canal	2313,0	2313,0	100%	115,9	115,9	100%
7	H-2-3 on-farm canal	1147,56	1147,56	100%	50,96	50,96	100%
8	H-3 on-farm canal	3268,2	3268,2	100%	90,5	90,5	100%
9	H-6-1 on-farm canal	17376,2	15715,9	90%	1512,8	1400,6	93%
10	H-6-1 tail on-farm canal	570,52	570,52	100%	33,01	33,01	100%
11	H-6-1-1 on-farm canal	1488,0	1488,0	100%	101,6	101,6	100%
12	H-6-1-1 tail on-farm canal	2028,0	2028,0	100%	123,5	123,5	100%
13	H-7 on-farm canal	37518,1	37518,1	100%	2009,4	2003,4	99%
14	H-7-6 on-farm canal	902,9	902,9	100%	38,3	38,3	100%
15	H-7-7 on-farm canal	5556,5	5034,9	91%	301,9	259,8	86%
16	H-7-7-1 on-farm canal	2701,2	2284,6	85%	197,7	150,3	76%
	Total for sub-project	79295	76259,07	96%	4969,72	4732,73	95%

3. Structures

#	Canals name	Water Outlets, pcs			Pipe crossings, pcs			Gauging stations, pcs		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	H-6 off-farm canal									
2	H-7 off-farm canal	3	3	100%						
3	H-1 on-farm canal	4	4	100%	3	3	100%	1	1	100%
4	H-2 on-farm canal	1	1	100%	2			1	1	100%
5	H-2-1 on-farm canal									
6	H-2-2 on-farm canal	3	3	100%	1	1	100%			
7	H-2-3 on-farm canal	2	2	100%	2	2	100%			
8	H-3 on-farm canal	2	2	100%	1	1	100%			
9	H-6 on-farm canal									
10	H-6-1 on-farm canal	13	6	46%	1	1	100%	1	1	100%

#	Canals name	Water Outlets, pcs			Pipe crossings, pcs			Gauging stations, pcs		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
11	H-6-1 tail on-farm canal	1	1	100%	1	1	100%			
12	H-6-1-1 on-farm canal				1	1	100%			
13	H-6-1-1 tail on-farm canal	11	11	100%						
14	H-7 on-farm canal	29	29	100%	1	1	100%	1	1	100%
15	H-7-6 on-farm canal	8	7	88%	2	1	50%			
16	H-7-7 on-farm canal	6	4	66%	1	1	100%			
17	H-7-7-1 on-farm canal	1	1	100%	2	2	50%	1		
	Total for sub-project	84	74	88%	18	15	83%	5	1	20%

WUA Kurshab-Arzybek on-farm irrigation network rehabilitation
Uzgen rayon, Osh oblast, Contract APNIP/C.1/CW/NCB/15

Contractor: *Brik OsOO*

Cost of work: *KGS 35,901,450*

Terms of construction: *March 22, 2019 – April 01, 2021.*

As of March 31, 2020, the implementation of the sub-project “Rehabilitation of the irrigation network of WUA Kursab-Arzybek” amounted to KGS 23,223,593,678 or 66% of the total cost of work.

Construction work is being carried out ahead of the Calendar schedule of work by KGS 16,345,541 or 325%. In the current quarter, the implementation amounted to KGS 370,091 or 21%.

In the 1st quarter of 2020, the following works were carried out at the site:

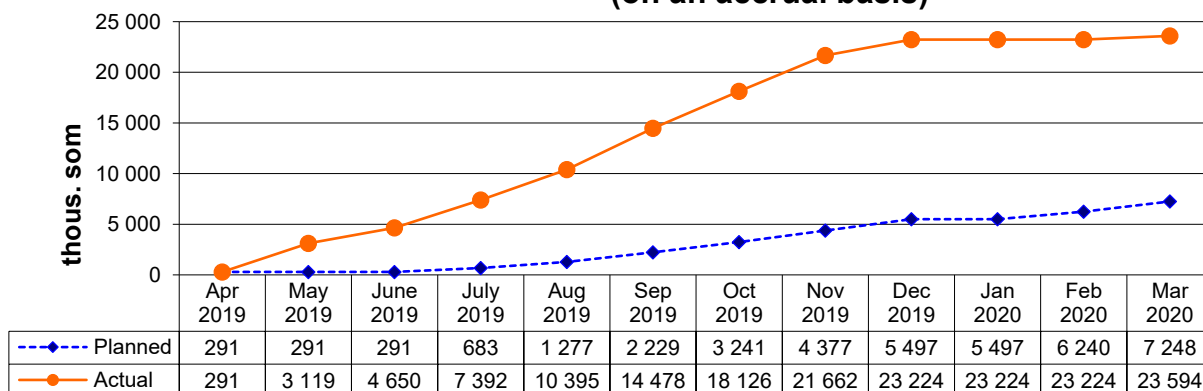
- On the Kochkor-Ata off-farm canal, water outlets were mounted at HMM142 + 15 (Voroshilov-1 branch) and at HMM144 + 07 (Voroshilov-2 branch).



Kochkor-Ata off-farm canal (during rehabilitation)

The implementation of rehabilitation work on an accrual basis is presented in the graph below.

Schedule of work performance in WUA "Kurshab-Arzybek"
Contract value 35 901.5 thous. som
(on an accrual basis)



The volume of work performed on the sub-project in financial terms and in physical units is presented in the tables below.

1. **Cost (KGS)**

#	Canals name	Tender price	Working design #1 cost	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	489 000	489 000	303 000	62%
2	Myrza-Kurshab off-farm canal	580 446	580 446	0	
3	Kochkor-Ata off-farm canal	1 290 207	1 290 207	330 438	26%
	Total for off-farm canals	1 870 653	1 870 653	330 438	
4	Tash-Kechuu on-farm canal	803 692	803 692		
5	Erkin on-farm canal	464 245	464 245	464 245	100
6	Kyzy-Oktyabr-2 on-farm canal	1 386 187	1 386 187	0	
7	Piskent on-farm canal	373 407	373 407	0	
8	Kochkor-Ata on-farm canal	22 486 612	22 486 612	19 968 100	89%
	Total for on-farm canals:	25 514 143	25 514 143	20 432 345	80%
	Total	27 873 796	27 873 796	21 065 783	66%
	Contingencies 15%	4 181 069	4 181 069		
	Total	32 054 865	32 054 865	21 065 783	66%
	VAT 12%	3 846 584	3 846 584	2 527 894	66%
	Total for WUA	35 901 449	35 901 449	23 593 677	66%

2. **Materials**

#	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
1	Myrza-Kurshab off-farm canal	373,0			33,6		
2	Kochkor-Ata off-farm canal	1177,4	162,74	14%	74,0	6,2	8%
3	Tash-Kechuu on-farm canal	1167,2	0		47,4	0	
4	Erkin on-farm canal	1270,5	1270,5	100%	31,8	31,8	100%
5	Kyzy-Oktyabr-2 on-farm canal	1584,5	0		75,3	0	
6	Piskent on-farm canal	448,7	0		32,2	0	
7	Kochkor-Ata on-farm canal	62874,56	56022,6	89%	1176,4	1083,8	92%
	Total for sub-project	68895,86	57455,84	83%	1470,7	1121,8	76%

3. **Structures**

#	Canals name	Water Outlets, pcs			Pipe crossings, pcs			Gauging stations, pcs		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	Myrza-Kurshab off-farm canal	4								
2	Kochkor-Ata off-farm canal	2	2	100%	2					
3	Tash-Kechuu on-farm canal	3								
4	Erkin on-farm canal	2	2	100%	1	1	100%			
5	Kyzy-Oktyabr-2 on-farm canal	7								
6	Piskent on-farm canal	3								
7	Kochkor-Ata on-farm canal	18	16	89%	6	6	100%	1		
	Total for sub-project	39	20	51%	9	7	78%	1		

Talas oblast

In Talas oblast, as of the reporting date, 2 WUAs with a total area of 3,128 hectares of irrigated land were included in the main list for rehabilitation.

#	WUA name	Rayon	Area, ha		Status
			WUA total area	of which covered by rehabilitation	
1	Bereke S	Manas	1161	1161	Rehabilitation completed
2	Mol-Bulak	Kara-Buura	1967	1967	Rehabilitation
2	Total for Talas oblast			3128	

The value of rehabilitation work contracts in Talas oblast is KGS 58.57 million; the implementation in the oblast amounted to KGS 23.43 million or 40% as of the reporting date.

The table below provides data on the cost and performance of work on sub-projects (according to engineers).

#	Rayon, WUA name	Contract #	Contractor's name	Contract cost, KGS	Implemented since the beginning of rehabilitation, KGS	% of implementation
<i>Manas</i>						
1	Bereke S	APNIP/C.1/CW/NCB/03	Talassuukurulush ZAO	20 943 489	20 943 489	100%
<i>Kara-Buura</i>						
2	Mol-Bulak	APNIP/C.1/CW/NCB/17	Pobeda OsOO	37 627 167	2 483 590	7%
	Total			58 570 656	23 427 079	40%

Physical volumes of rehabilitation for sub-projects of Talas oblast are given below:

	Unit of measure	Planned	Actual	%
Canals	km	20,75	7,75	37%
Gauging staitons	pcs.	9	3	33%
Other structures on canals	pcs.	73	27	37%
Increase in water availability	ha	3128	1 161	37%

In total, the following volumes of rehabilitation work were carried out in Talas Oolast for construction sub-projects: earthworks, all types of 39.1 thousand m3; concrete and reinforced concrete laid 2121 m3, gravel preparation 1802 m3, stone work 12 m3.

For each subproject, performance indicators in monetary terms and in physical units are given in the Annex B, tables 1-4, to this report.

Information on subprojects under construction, according to engineers` data, is given below.

***WUA Mol-Bulak on-farm irrigation network rehabilitation
Kara-Buura rayon, Talas oblast, Contract APNIP/C.1/CW/NCB/17***

Contractor: Pobeda OsOO
Cost of work: KGS 37,627,167
Terms of construction: August 01, 2019 – July 31, 2021.

As of March 31, 2020, the implementation of the WUA Mol-Bulak irrigation network rehabilitation amounted to KGS 2,483,590 or 7% of the total cost of work.

Construction work is being carried out with a lag of KGS 4,908,225 behind the Schedule of works. In the current quarter, the percentage of work performed was not calculated and amounted to KGS 0,0.

In the 1st quarter of 2020, the following works were carried out at the site:

- On the At-Saray on-farm canal, the following was done: an arrangement of 1600m of canal's cross-section with an excavator; manual fine excavation of 1600m; a gravel-sand bed arrangement - 370m; lining of the canal with cast concrete - 210 m; construction of a cross-regulator and gauging station. (the percentage of the work performed was not calculated in the 1st quarter of 2020).



At-Saray on-farm canal (manual fine excavation, canal's bottom compaction)

The implementation of rehabilitation work on an accrual basis is presented in the graph below.

Schedule of work performance in WUA "Mol-Bulak"
Contract value 37 627,167 thous. som
(on an accrual basis)



The volume of work performed on the sub-project in financial terms and in physical units is presented in the tables below.

1. Cost (KGS)

#	Canals name	Tender price	Project design #1 cost	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	1 466 593	1 466 593	616 942	42%
2	BTC off-farm canal	1 357 871	1 357 871	1 330 043	98%
	Total for off-farm canals	1 357 871	1 357 871	1 330 043	78%
3	R-18 on-farm canal	1 334 152	1 334 152		
4	Bogoju on-farm canal	1 334 108	1 334 108	375 233	28%
5	BSR-70 on-farm canal	1 590 056	1 590 056	143 923	9%
6	Choodan on-farm canal	3 595 046	3 595 046	0	
7	At-Saray on-farm canal	8 461 831	8 461 831	0	
8	Kadyraly on-farm canal	2 280 564	2 280 564	17 450	0,8%
9	Gulsana-1 on-farm canal	1 025 830	1 025 830	0	
10	Gulsana-2 on-farm canal	5 705 554	5 705 554	0	
11	Sary-Kytay on-farm canal	2 402 891	2 402 891	0	
12	Kuran-Mazar on-farm canal	7 072 670	7 072 670	0	
	Total for on-farm canals:	34 802 702	34 802 702	536 606	1,5%
	Total	37 627 166	37 627 166	2 483 591	7%
	Including VAT 12%	4 031 482	4 031 482	266 099	7%

2. Materials

#	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
1	BTC off-farm canal	21114	19841	94%			
2	R-18 on-farm canal	4812	0		244,6		
3	Bogoju on-farm canal	484	414	85%	148,8	50,0	34%
4	BSR-70 on-farm canal	2094	2094	100%	238,7		
5	Choodan on-farm canal	2865	0		520		
6	At-Saray on-farm canal	8660	95		1204,7	4	
7	Kadyraly on-farm canal	1716	398	23%	292,7		
8	Gulsana-1 on-farm canal	773	0		144,6		
9	Gulsana-2 on-farm canal	6469	0		796,3		
10	Sary-Kytay on-farm canal	1327	0		287,6		
11	Kuran-Mazar on-farm canal	10212	0		940,2		

#	Canals name	Earthwork, m3			Concrete work, m ³		
		Planned	Actual	%	Planned	Actual	%
	<i>Total for sub-project</i>	<i>60526</i>	<i>22842</i>	<i>38%</i>	<i>4818,2</i>	<i>54</i>	<i>1%</i>

3. Structures

#	Canals name	Water Outlets, pcs			Bridges, pcs			Gauging stations, pcs		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	BTC off-farm canal									
2	R-18 on-farm canal									
3	Bogoju on-farm canal				1					
4	BSR-70 on-farm canal				1					
5	Choodan on-farm canal				1			1		
6	At-Saray on-farm canal	3			3			1	1	100%
7	Kadyraly on-farm canal	2			1			1		
8	Gulsana-1 on-farm canal	0						1		
9	Gulsana-2 on-farm canal	3			1					
10	Sary-Kytay on-farm canal	1			1			1		
11	Kuran-Mazar on-farm canal	4			1			1		
	<i>Total for sub-project</i>	<i>13</i>			<i>10</i>			<i>6</i>	<i>1</i>	<i>17%</i>

Chui oblast

In Chui oblast, as of the reporting date, 4 WUAs were included in the main list for rehabilitation. The total area of irrigated land covered by rehabilitation in the Chui oblast is 12 629 ha.

#	WUA name	Rayon	Area, ha		Status
			WUA total area	Of which covered by rehabilitation	
1	SHM	Moskovsky	5 430	5 430	Rehabilitation
2	Umetaly	Kemin	2 175	2 175	Mobilization
3	Jany-Tilek	Issyk-Ata	2 497	2 497	Contract awarded
4	ShAB	Jayil	2 527	2 527	Detailed design
2	Total		12 629	12629	

The value of contracts for rehabilitation work in the Chui oblast is KGS 190.7 million; the implementation in the oblast amounted to KGS 51.8 million or 27% as of the reporting date.

The table below provides data on the cost and performance of work on sub-projects (according to engineers).

#	Rayon, WUA name	Contract #	Contractor`s name	Contract cost, KGS		Implemented since the beginning of implementation	% of implementation
Moskovsky							
1	SHM	APNIP/C.1/CW /NCB/02	Omega Sroy OsOO	Lot # 1	33 046 637	27 328 366	83%
				Lot # 2	51 691 106	23 026 062	45%
Kemin							
2	Umetaly	APNIP/C.1/CW /NCB/18	Consortium of Ulan Sroy OsOO and Erakas-5 OsOO	47 251 861		642 931	1%
Issyk-Ata							
3	Jany-Tilek	APNIP/C.1/CW /NCB/19	LOI OsOO	58 703 365		822 548	1%
	Total			190 692 969		51 816 907	27%

The physical volumes of rehabilitation for sub-projects of the Chui oblast are given below:

	Unit of measure	Planned	Actual	%
Canals	km	52,3	15,2	29%
Gauging stations	pcs.	18	3	16%
Other structures on canals	pcs.	521	74	14%
Increase in water availability	ha	10 102	2 932	29%

In total, in the Chuy oblast, the following volumes of rehabilitation work have been completed for the subprojects under construction: earthworks, all types of 85.4 thousand m³; concrete and reinforced concrete 4.3 thousand m³ laid, gravel preparation 4.5 thousand m³

For each subproject, performance indicators in monetary terms and in physical units are given in the Annex B, tables 1-4, to this report.

Information on subprojects under construction, according to engineers' data, is given below.

WUA SHM on-farm irrigation network rehabilitation

Moskovsky rayon, Chui oblast, Contract APNIP/C.1/CW/NCB/02

Contractor: *Omega Sroy OsOO*

Cost of work, Lot #1: *KGS 37,484,079*

Changed cost, Lot# 1 *KGS 37,891,401*

Changed cost, Lot# 1 *KGS 33,046,637*

Cost of work, Lot #2: *KGS 54,015,981*

Changed cost, Lot# 2 *KGS 51,691,106*

Terms of construction: *March 01, 2018 – February 28, 2021.*

As of March 31, 2020, the implementation of the subproject "Rehabilitation of the irrigation network of WUA SHM" amounted to KGS 50,354,428, which is 92% of the total contract value. Construction work is being carried out with a lag of KGS 22,514,435 behind the Schedule of works. In the current quarter, the implementation amounted to KGS 1,345,707.

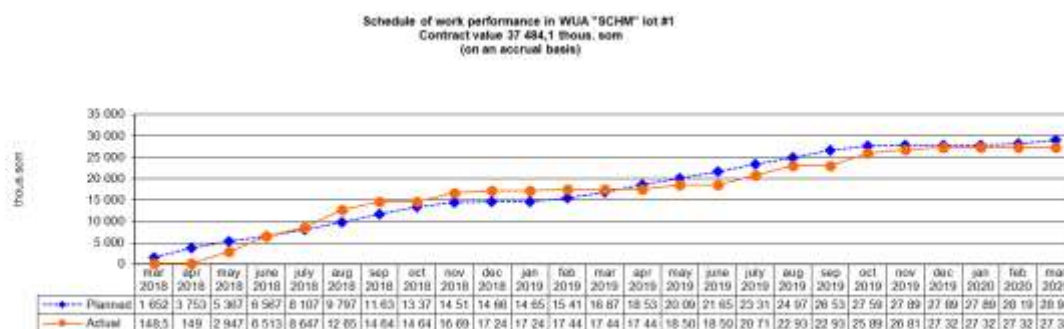
Lot # 1: As of March 31, 2020, the implementation of the subproject "Rehabilitation of the irrigation network of WUA SHM" amounted to KGS 27,328,366, which is 82% of the total contract value. Construction work is carried out with a lag of the calendar schedule of work for KGS 1,617,035. In the current quarter, the implementation amounted to KGS 0,0.

In the 1st quarter of 2020, rehabilitation work was not carried out.



Suusamyir on-farm canal

The implementation of rehabilitation work on an accrual basis is presented in the graph below.



The volume of work performed on the sub-project in financial terms and in physical units is presented in the tables below.

1. Cost (KGS)

#	Canals name	Cost of the working design #1	Comparison cost №6	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	326 500	326 500	148 500	45%
2	Murake off-farm canal	397 480	397 480	377 950	44%
3	R-21 off-farm canal	848 036	848 036	0	
4	H-5 off-farm canal	6 901 950	7 889 622	7 104 990	90%
	Total for off-farm canals	8 147 466	9 135 138	7 482 940	82%
5	Susamyrsky on-farm canal	18 917 154	17 582 629	17 385 377	99%
6	B-1 on-farm canal	251 530	256 984	154 719	60%
7	B-2 on-farm canal	532 480	489 032	307 120	63%
8	B-3 on-farm canal	384 396	373 358	319 143	85%
9	B-4 on-farm canal	3 993 786	0	0	
	Total for on-farm canals	24 079 346	18 702 003	18 166 359	97%
	Total:	32 553 312	28 163 641	25 797 799	92%
	Contingencies 15%	4 882 997	4 882 996	1 530 567	31%
	Total	37 436 309	33 046 637	27 328 366	83%
	Including VAT 12%	4 492 357	3 965 596	2 595 945	65%

2. Materials

#	Canals name	Earthwork, m3			Concrete and reinforced concrete work, m3		
		Planned	Actual	%	Planned	Actual	%
1	Murake off-farm canal	686,7	686,7	100%	11,9	11,9	100%
2	R-21 off-farm canal	0	0		0	0	
3	H-5 off-farm canal	20905	14435,6	69%	787	725,5	92%
4	Susamyrsky on-farm canal	24173	21810	90%	1789,5	1783,5	99%
5	B-1 on-farm canal	0	0		0	0	
6	B-2 on-farm canal	0	0		0	0	
7	B-3 on-farm canal	0	0		0	0	
8	B-4 on-farm canal	0	0		0	0	
	Total for sub-project	45764,7	36932,3	81%	2588,4	2520,9	97%

3. Structures

#	Canals name	Pipe crossings, pcs			Gauging stations, pcs		
		Planned	Actual	%	Planned	Actual	%
1	Murake off-farm canal						
2	R-21 off-farm canal	2			2		
3	H-5 off-farm canal	4					
4	Susamyrsky on-farm canal	5	5	100%			
5	B-1 on-farm canal				1	1	100%
6	B-2 on-farm canal				1	1	100%
7	B-3 on-farm canal				1	1	100%
8	B-4 on-farm canal						
	Total for sub-project	11	5	45%	5	-	

Lot # 2: As of March 31, 2020, the implementation of the Rehabilitation of WUA SHM irrigation network subproject amounted to KGS 23,026,062, which is 45% of the total contract value. Construction work is being carried out behind the Schedule of works for KGS 20,897,400. In the current quarter, the implementation amounted to KGS 1,345,707.

The lag in the subproject implementation is associated with weather conditions and logistics of the contractor.

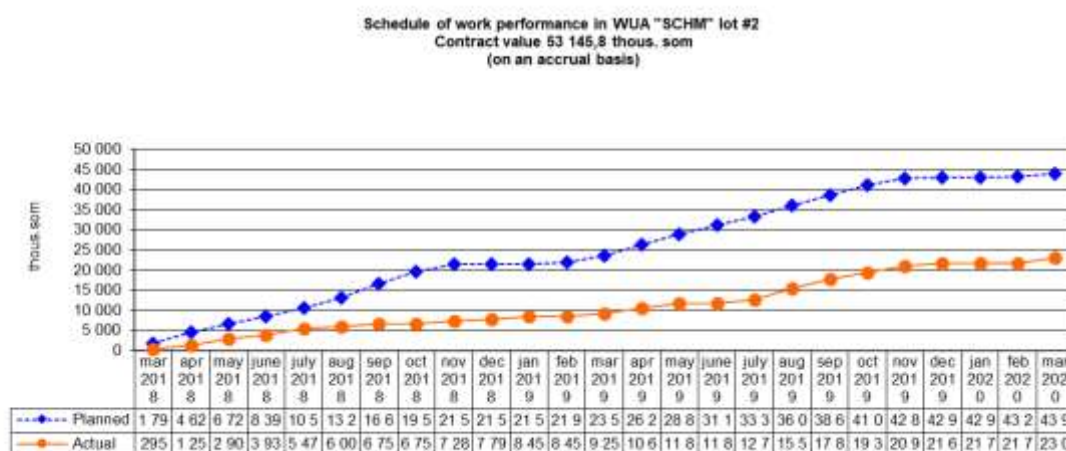
In the 1st quarter of 2020, the following work was carried out:

- On H-8 on-farm canal, concrete preparation for L-shaped blocks was performed; installation of 256 L-12-30-2 blocks was completed; reinforcement of the bottom of the canal with a wire mesh was performed with a step of 20x15 A - !!! 8 mm; construction of expansion joints performed; double-bitumen waterproofing of blocks conducted; laying of monolithic concrete on the bottom of the canal V-15 was carried out. Canal's synus backfill carried out.



Installation of L-12-30-2 blocks on the H-8 on-farm canal.

The implementation of rehabilitation work on an accrual basis is presented in the graph below.



The volume of work performed on the sub-project in financial terms and in physical units is presented in the tables below.

1. Cost (KGS)

#	Canals name	Tender cost	Comparison cost	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	399 500	399 500	294 500	74%
2	R-20-6 on-farm canal	2 097 561	2 870 583	2 493 087	87%
3	H-1 on-farm canal	1 988 854	2 005 494	1 566 335	78%
4	H-2 on-farm canal	112 233	112 233	112 233	100%
5	H-1 on-farm canal (pipe)	3 122 784	1 102 020	1 009 928	92%
6	H-3 on-farm canal	5 018 121	4 940 471	256 639	5%

#	Canals name	Tender cost	Comparison cost	Completed from the beginning of rehabilitation	% of execution
7	H-4 on-farm canal	3 079 014	3 845 873	3 322 398	86%
8	H-6 on-farm canal	3 458 376	2 744 581	1 446 538	52%
9	H-7 on-farm canal	4 071 615	4 071 615	0	
10	H-7-1 on-farm canal	4 926 871	4 926 871	0	
11	H-7-1-1 on-farm canal	1 120 495	1 071 395	0	
12	H-7-2 on-farm canal	1 957 120	1 957 120	0	
13	H-8 on-farm canal	4 200 002	4 228 681	3 768 922	89%
14	H-6-1-1 on-farm canal	3 003 412	2 045 164	1 285 223	63%
15	H-8-1 on-farm canal	2 069 502	2 454 901	1 831 664	73%
16	H-8-1-1 on-farm canal	4 487 916	4 713 397	4 344 591	92%
17	H-8-1-2 on-farm canal	1 857 042	1 155 645	11 550	1%
	Total for on-farm canals	46 570 918	44 246 044	21 449 108	48%
	Total:	46 970 418	44 645 544	21 743 608	48%
	Contingencies 15%	7 045 563	7 045 563	1 282 454	18%
	Total	54 015 981	51 691 107	23 026 062	45%
	Including VAT 12%	6 481 918	6 202 933	2 763 127	45%

2. Materials

№№ п/п	Canals name	Earthwork, m3			Concrete and reinforced concrete work, m3		
		Planned	Actual	%	Planned	Actual	%
1	R-20-6 on-farm canal	4548	4548	100%	214	214	100%
2	H-1 on-farm canal	1846	1846	100%	166	153,9	93%
3	H-2 on-farm canal	85	85	100%	11	11	100%
4	H-1 on-farm canal (pipe)	1804	1804	100%	91	83,2	91%
5	H-3 on-farm canal	2135	163	7%	426	0	
6	H-4 on-farm canal	17763,1	17763,1	100%	260	250,6	96%
7	H-6 on-farm canal	4984	2942	59%	235,8	151,8	64%
8	H-7 on-farm canal	2052	0		415	0	
9	H-7-1 on-farm canal	3669	0		547	0	
10	H-7-1-1 on-farm canal	630	0		77	0	
11	H-7-2 on-farm canal	1045	0		192	0	
12	H-8 on-farm canal	6244	4542,5	73%	107,7	70,6	65%
13	H-6-1-1 on-farm canal	2940	1741,7	59%	128,2	114,9	89%
14	H-8-1 on-farm canal	3715	2948	79%	196,78	193	98%
15	H-8-1-1 on-farm canal	5006,7	5006,7	100%	508,8	504,2	99%
16	H-8-1-2 on-farm canal	1341	577,5	43%	103,6	0	
	Total for sub-project	59807,8	43967,5	74%	3679,88	1747,2	47%

3. Structures

№№ п/п	Canals name	Pipe crossings, pcs			Gauging stations, pcs		
		Planned	Actual	%	Planned	Actual	%
1	R-20-6 on-farm canal	1	1	100%			
2	H-1 on-farm canal						
3	H-2 on-farm canal						
4	H-1 on-farm canal (pipe)						
5	H-3 on-farm canal	4					
6	H-4 on-farm canal	3	3	100%			
7	H-6 on-farm canal	2	2	100%			
8	H-7 on-farm canal						
9	H-7-1 on-farm canal				1		
10	H-7-1-1 on-farm canal	1			1		
11	H-7-2 on-farm canal				1		
12	H-8 on-farm canal				1		
13	H-6-1-1 on-farm canal	1			1		
14	H-8-1 on-farm canal	2	2		1		

№.№ п/п	Canals name	Pipe crossings, pcs			Gauging stations, pcs		
		Planned	Actual	%	Planned	Actual	%
15	H-8-1-1 on-farm canal	1			1		
16	H-8-1-2 on-farm canal				1		
	Total for sub-project	15	8	53%	8	-	

***WUA Umetaly on-farm irrigation network rehabilitation
Kemin rayon, Chui oblast, Contract APNIP/C.1/CW/NCB/19***

Contractor: Consortium of the Ulan Stroy OsOO and Ekaras-5 OsOO
Cost of work: KGS 47,251,861
Terms of construction: September 20, 2019 – September 20, 2021.

As of March 31, 2020, the implementation of the subproject “Rehabilitation of the irrigation network of WUA Umetaly” amounted to KGS 642,931 or 1.4% of the total cost of work.

Construction work is being carried out behind the Schedule of work execution by KGS 7,129,413 or by 92%. In the current quarter, the implementation amounted to KGS 0,0.

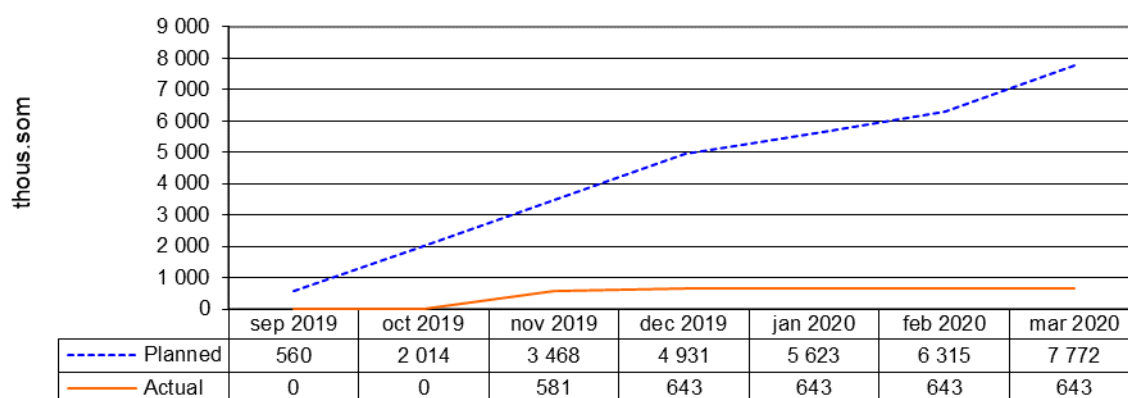
In the 1st quarter of 2020, rehabilitation work for the subproject was not carried out.



L-1 on-farm canal (canal lining with precast concrete blocks)

The implementation of rehabilitation work on an accrual basis is presented in the graph below.

Schedule of work performance in WUA "Umetaly"
Contract value 47 251. 861 thous. som
(on an accrual basis)



The volume of work performed on the sub-project in financial terms and in physical units is presented in the tables below.

1. Cost (KGS)

#	Canals name	Cost of the working design #1	Completed from the beginning of rehabilitation	% of execution
I.	Primary collateral	560 000	153 000	27%
II.	Off-farm canals:			
1	Kyzyl-Suu canal	98 070	0	
2	Kalmak-Suu canal	4 381 934	23 329	2%
III.	On-farm canals			
1	Kyzyl-Ooz canal	7 982 940	466 602	5,8%
2	Tarylgan canal	312 173	0	
3	Chechey 1-2 canal	231 161		
4	Chechey 2-1 canal	5 903 344		
5	Chechey 2-2 canal	3 060 898		
6	Chechey-3 canal	538 736		
7	L-1 canal	6 402 045		
8	L-2 canal	1 070 647	0	0
9	L-3 canal	1 112 381	0	
10	L-4 canal	1 736 693	0	
11	L-5 canal	858 370	0	
12	L-6 canal	763 172	0	
13	L-7 canal	864 034	0	
14	L-7-1 canal	1 787 626	0	0
15	L-8 canal	735 343	0	
16	L-8-1 canal	2 571 053	0	0
17	L-8-2 canal	191 000	0	0
	Total for on-farm canals	36 121 616	466 602	0,1%

#	Canals name	Cost of the working design #1	Completed from the beginning of rehabilitation	% of execution
	In total for WUA Umetaly with the main items of expenditure, including taxes	47 251 861	642 931	1,4%
	Including VAT 12%	4 872 194		

2. Materials

#	Canals name	Earthwork, m ³		
		Planned	Actual	%
1	Kyzyl-Suu canal	0		
2	Kalmak-Suu canal	11074,17	3527	32%
3	Kyzyl-Ooz canal	21230	7880	4%
4	Tarylğan canal	303,5		
5	Chechey 1-2 canal	55		
6	Chechey 2-1 canal	320		
7	Chechey 2-2 canal	1720,3		
8	Chechey-3 canal	90,18		
9	L-1 canal	2951,51		
10	L-2 canal	227,51		
11	L-3 canal	403		
12	L-4 canal	342		
13	L-5 canal	252		
14	L-6 canal	202		
15	L-7 canal	252		
16	L-7-1 canal	3650		
17	L-8 canal	172		
18	L-8-1 canal	60		
19	L-8-2 canal	50		
	Total	43355,17	4307	1%

3. Structures

#	Canals name	Gauging stations, pcs			Water outlets, pcs		
		Planned	Actual	%	Planned	Actual	%
1	Kyzyl-Suu canal	0			0		
2	Kalmak-Suu canal	0			2		
3	Kyzyl-Ooz canal	1			3		
4	Chechey 1-2 canal	1			5		
5	Chechey-3 canal	0			0		
6	L-1 canal	0			0		
7	L-2 canal	0			0		
8	L-7-1 canal	0			1		
9	L-8-1 canal	1			2		
10	L-8-2 canal	0			0		
	Total	3	0		13	0	

Rehabilitation of on-farm irrigation network in WUA Jany-Tilek in Issyk-Ata rayon, Chui oblast, contract # APNIP/C.1/CW/NCB/19

Contractor: *LOI OsOO*

Cost of work: *KGS 58,703,365*

Terms of construction: *November 25, 2019 – November 25, 2021*

As of March 31, 2020, the implementation of the subproject “Rehabilitation of the irrigation network of WUA Jany-Tilek” amounted to KGS 822,548 or 1% of the total cost of work.

In the 1st quarter of 2020, the following works were carried out at the site: on the on-farm canals R-6, R-20, reinforced concrete slabs were dismantled.

1. Cost (KGS)

#	Canals name	Cost of the working design #1	Completed from the beginning of rehabilitation	% of execution
I.	Primary collateral	804 355		
II.	Off-farm canals:			
1	R-20 canal	4 276 537	624 720	12%
2	R-6 canal	1 587 517	197 828	12%
	Total for off-farm canals	5 864 054	822 548	14%
III.	On-farm canals			
1	R-20 -1 canal	9 740 439		
2	R-20-2 canal	9 334 706		
3	R-20-2-1 canal	5 496 514		
4	R-6-1 canal	1 742 827		
5	R-6-2 canal	1 046 865		
6	R-6-3 canal	2 336 208		
7	R-6-3-1 canal	1 009 043		
8	R-6-4 canal	3 073 575		
9	R-6-5 canal	2 693 527	0	
10	R-6-6 canal	3 559 409	0	
11	R-6-6-1 canal	1 730 439	0	
12	R-6-7 canal	1 151 357	0	
13	R-6-8 canal	1 722 159	0	
14	R-6-8-1 canal	2 134 341	0	0
	Total for on-farm canals	46 771 409	0	
	TOTAL	52 635 463	822 548	1,5%
	Contingencies 10%	5 263 546		
	Total for WUA	58 703 364	822 548	1,4%
	Including VAT 12%	6 947 881	98 706	

2. Materials

№	Canals name	Earthwork, m ³		
		Planned	Actual	%
1	R-20 canal	1434		
2	R-6 canal	202		
3	R-20 -1 canal	1040		
4	R-20-2 canal	574		
5	R-20-2-1 canal	1332		
6	R-6-1 canal	0		
7	R-6-2 canal	320		

8	R-6-3 canal	1431		
9	R-6-3-1 canal	388		
10	R-6-4 canal	479		
11	R-6-5 canal	741		
12	R-6-6 canal	1046		
13	R-6-6-1 canal	566		
14	R-6-7 canal	266		
15	R-6-8 canal	372		
16	R-6-8-1 canal	1090		
	Total	11281		

3. Structures

#	Canals name	Gauging station, pcs			Water outlets, pcs		
		Planned	Actual	%	Planned	Actual	%
1	R-20 canal	0					
2	R-6 canal	1					
3	R-20 -1 canal						
4	R-20-2 canal				13		
5	R-20-2-1 canal	1			7		
6	R-6-1 canal				2		
7	R-6-2 canal				3		
8	R-6-3 canal				3		
9	R-6-3-1 canal				1		
10	R-6-4 canal				3		
11	R-6-5 canal				6		
12	R-6-6 canal				9		
13	R-6-6-1 canal				0		
14	R-6-7 canal				3		
15	R-6-8 canal				1		
16	R-6-8-1 canal				2		
	Total	2	0		53	0	

Pilot sub-projects

Also, in accordance with the NWRMP-1, 6 pilot systems were identified in which rehabilitation work will be carried out.

As part of the project, as of March 31, 2020, rehabilitation work is underway in 2 pilot systems.

A description of each sub-project under construction, by region, is presented in this report below.

Rehabilitation of Headworks on the MC Aravan-Ak-Bura off-farm canal in Osh oblast, contract # APNIP/C.1/CW/NCB/31

Contractor: SKF Kuruuchu OsOO
Cost of work: KGS 8,978,478
Terms of construction: May 01, 2019 – April 30, 2020.

As of March 31, 2020, the implementation of the sub-project amounted to KGS 6,769,819 or 75% of the total cost of work. Construction work is carried out in compliance with the calendar schedule of work. In the current quarter, the implementation amounted to KGS 506,023 or 35%.

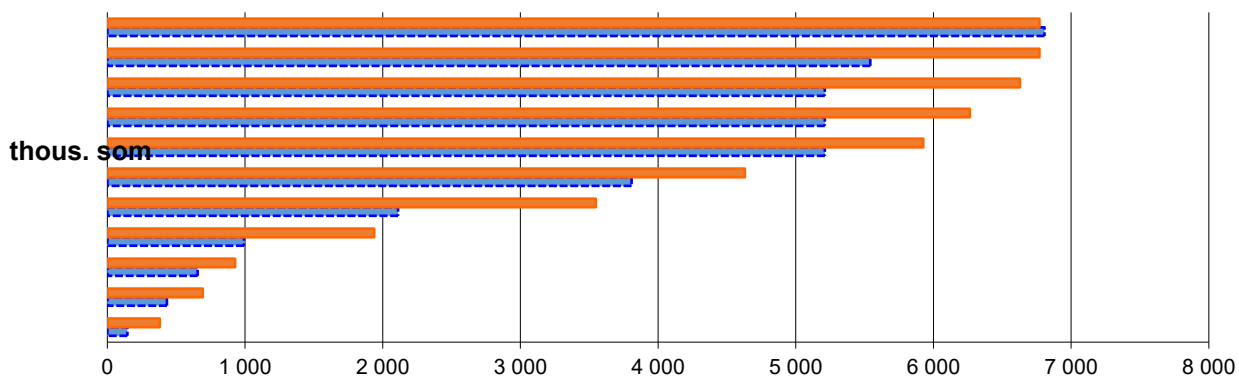
In the 1st quarter of 2020, the following works were carried out at the site:

- Concrete work and installation of metal fencing for gauging stations on the off-farm canal AABC, at HMM0 + 45.
- Installation of metal structures for instrumentation, the cover and stairs of the observation well, repair of the gatehouse for gauging stations on the off-farm canal AABC, at HMM1 + 14.
- Installation of metal structures for instrumentation, well covers, edging slit of gauging station on the Kayirma off-farm canal at HMM0 + 80.
- Installation of metal structures for instrumentation, well cover, plastic pipe of gauging station on the Joypas off-farm canal, at HMM4 + 25.
- Earthwork and installation of metal structures for instrumentation, well covers, edging slit of gauging station on the AABC off-farm canal, at HMM0 + 09.
- Installation of metal structures for instrumentation, well covers, edging slit of gauging station on the Kayirma off-farm canal, at HMM65 + 20.
- Installation of metal structures for instrumentation, well covers, edging slit of gauging station on the KD off-farm canal, at HMM 0+24.



The mudflow canal through the AABC main canal (during rehabilitation)

Schedule of work performance in canal "Aravan-Ak-Buura"
Contract value 8 978,478 thous. som
(on an accrual basis)



The volume of work performed on the sub-project in financial terms and in physical units is given in the tables below.

1. Cost (KGS)

#	Canals name	Cost of the working design #2	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	186 000	186 000	100%
	Aravan-Ak-Buura off-farm canal	7 452 965	5 858 481	75%
	Total:	7 638 965	6 044 481	75%
	Contingencies 15%	377 534		
	Total:	8 016 498	6 044 481	75%
	VAT 12%	961 980	725 338	75%
	Total for sub-project	8 978 478	6 769 819	75%

2. Materials

#	Canals name	Earthwork, m3			Concrete and reinforced concrete work, m3		
		Planned	Actual	%	Planned	Actual	%
1	Aravan-Ak-Buura off-farm canal	1892	1862	98%	639,5	639	98%
	Total for sub-project	1892	1862	89%	639,5	639	98%

3. Structures

#	Canals name	Gauging stations, pcs.			Other structures, pcs		
		Planned	Actual	%	Planned	Actual	%
1	Aravan-Ak-Buura off-farm canal	7	4	57%	1	1	100%
	Total for sub-project	7	4	57%	1	1	100%

Rehabilitation of the Kojo-Kaiyr main canal in Batken oblast, contract # APNIP/C.1/CW/NCB/33

Contractor: SKF Kuruuchu OsOO

Cost of work: KGS 7,516,770

Terms of construction: October 04, 2019 – September 31, 2020.

As of March 31, 2020, the implementation of the subproject amounted to KGS 3,512,285 or 47% of the total cost of work. Construction work is being carried out ahead of the Calendar schedule of work for KGS 1,184,824. In the current quarter, the implementation amounted to KGS 1,909,166.

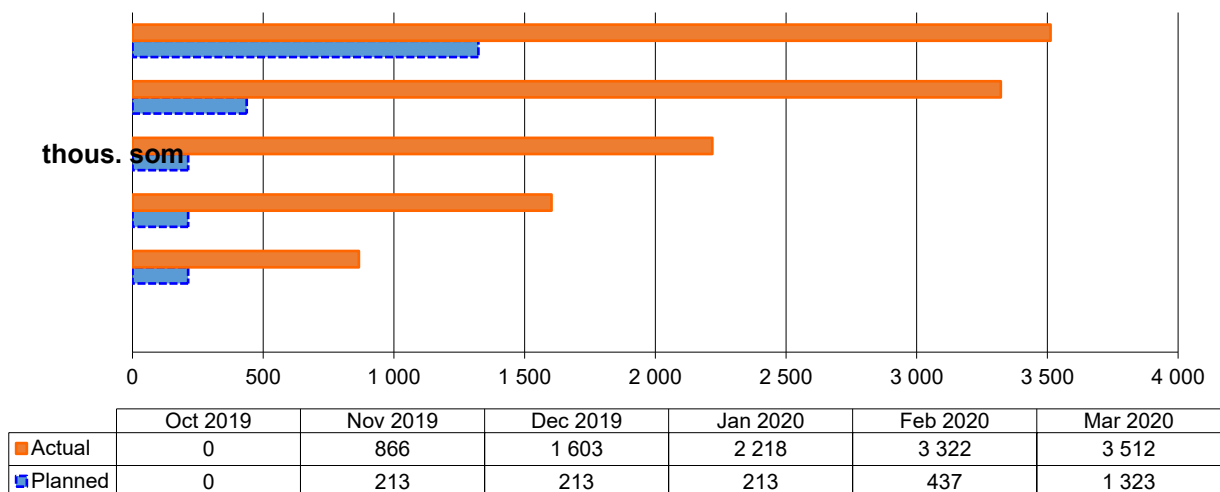
In the 1st quarter of 2020, the following works were carried out at the site:

- Construction of the gauging station “fixed bed” type on the Kojo-Kayir off-farm canal, at HMM2 + 00, 69 + 41, 118 + 84, 213 + 96.
- Construction of the gauging station “fixed bed” type on the R-1 off-farm canal, at HMM 0+13.
- Construction of the gauging station “fixed bed” type on the R-2 off-farm canal, at HMM 0+44.



Gauging station on R-1 main canal, at HMM0+13 (before and after rehabilitation)

Schedule of work performance in canal "Kojo-Kayir"
Contract value 7 516.770 thous. som
(on an accrual basis)



The volume of work performed on the sub-project in financial terms and in physical units is presented in the tables below.

1. Cost (KGS)

#	Canals name	Cost of the working design #1	Completed from the beginning of rehabilitation	% of execution
1	Primary collateral	186 000	149 000	80%
	Kojo-Kayir main canal	5 650 002	2 986 969	53%
	Total:	5 836 002	3 135 969	53%
	<i>Contingencies 15%</i>	<i>875 400</i>		
	Total:	6 711 402	3 135 969	53%
	VAT 12%	805 368	376 316	47%
	Total for sub-project	7 516 770	3 512 285	47%

2. Materials

#	Canals name	Earthwork, m3			Concrete and reinforced concrete work, m3		
		Planned	Actual	%	Planned	Actual	%
1	Kojo-Kayir main canal	1515,7	1485,7	98%	458,4	354,95	77%
	Total for sub-project	1515,7	1485,7	98%	458,4	354,95	77%

3. Structures

#	Canals name	Gauging stations, pcs.		
		Planned	Actual	%
1	Kojo-Kayir main canal	7		
	Total for sub-project	7		

Component 2 Agricultural advisory services

This component ensures, as increased productivity of irrigated agriculture, as quality of nutrition and food security through the provision of technical advisory services to improve farming technologies and practices, as well as increased access to markets.

This component ensures financing of the following areas: (I) training and technical support of WUAs selected for rehabilitation of irrigation and drainage schemes in order to prepare and manage agricultural development plans, including procurement of goods and works, required for plans implementation;

(ii) technical advisory services for WUAs selected for rehabilitation and WUA members in adjacent Ayil Aimaks, to implement agricultural development plans;

(iii) provision of small grants of up to USD 30,000 to implement agricultural development plans, administered by WUAs;

(iv) additional advisory services for further knowledge dissemination to a broader group of beneficiaries;

(v) on-farm water management demonstrations, including drip irrigation.

2.1. Agricultural Development Plans

In the South of the Republic, Batken oblast, consulting meetings were held with the Management Committee of WUA "Tilla-Suu" on the development of technical specifications for the purchase of consulting services. The meetings with working group members on ADP, and issues of selecting farmers' problems were discussed in the WUAs "Abror" and "Ene-Sai" villages, Osh oblast. Trainings were also held on procurement procedures in WUA "Ten-Alysh". The training on garden crops like alfalfa and corn was held at the following WUAs: "Kur-Tash", "Kyzyl-Boston" and "Khoja-Aryk". The tender board of WUA "Ak-Zhol-Suu" held a meeting in Shamaldysay village, Jalal-Abad oblast. The tender was on 6 lots: Fertilizers, rototillers, office equipment.

Trainings were held on vegetables, horticulture, fodder, maize in WUAs: Kyzyl-Boston, Kur-Tash, Ten-Alysh, Tilla-Suu, Abror, Gauyan, Ene-Sai, Kyrk-Bulak, Hodja-Aryk.

The 14 northern WUAs (Tasma-Karanar, Sary-Tor, Belsovkhov-O, Umetaly, SKhM, SHAB, Zhany-Tilek, Aliya-Orositel, Toktomush, Bash-Keltebek, Talaa-Bulak, Akmarcha, Mol-Bulak and Bereke-S) were provided with assistance in the preparation and approval of the ADP and applications (micro-project, financial plan, O&M and procurement plan) and the development/signing of a tripartite grant agreement. One WUA (Kara-Kungoi-Ukok-Suu) is provided with consulting assistance in the development of ADP and annexes, currently at the completion stage.

In general, 20 out of 29 WUAs have started the organization of own tenders/re tenders. Of these, 11 WUAs have already received agricultural machinery, fertilizers, and seeds using a small grant.

An awareness campaign was conducted. A video was released about APNIP project. The video shows activities are carried out under the project, which WUAs are selected in the north of Republic. All these activities were broadcast on the first national channels KTRK (Public Broadcasting Corporation of the Kyrgyz Republic) and the ElTR, link for video <https://www.youtube.com/watch?v=6PGjtBulLjo&feature=youtu.be>, <http://development-centre.org/ru/news/peredacha-s-h-agregatov-avp-umetaly/> <https://apnip.water.gov.kg/ru/>, and photo materials were also prepared as part of the PR campaign.

On demo plots

The Chui regional seminar on the results of activities under the demo plots program was held in the Chui oblast, with total number of participants - 42 people, 9 of them women. The main contingent of participants is demonstration farmers, representatives of pilot and neighboring WUAs, RSU WUAs, OSU WUAs, Ayil Aimaks, APNIP, mass media. (the remaining 6 regional seminars were held earlier and the report is submitted in the December report for 2019).

The final workshop was held on 6 February 2020, at the hotel Dostuk involving demonstration farmers of pilot WUAs and their heads, representatives of the RSU WUA, WUA SU, OSU WUA, APNIP, SWRA under the KR Government, trainer-consultant in all oblast covered by the project, representatives PF TAIC, and the media.

The preparation the final report of PF TAIC on activities under the APNIP “the creation of demo plots for Water resources management at on-farm level” (65 plots) and related training” for the period from April 2018 to February 2020.

An awareness campaigns were conducted. At the seminars, all participants were provided with APNIP information sheets and handouts on following methods: water conservation, irrigation water accounting, seeding rates for agrocrops. WUA and Aiyl Okmotu representatives were provided with APNIP large size posters to hang them inside WUA and Aiyl Okmotu offices. The WUA Directors at the seminar delivered a speech about the project activities in these WUAs and achievements under APNIP components.

Component 3 Nutrition Improvements

This component will improve productivity, food security and nutrition through educational programs for high-quality nutrition, nutritional support, diversification of products and productivity growth at household plots.

3.1.1. Nutrition quality improvement by training health care workers on nutrition and anemia prevention topics

The trainings for health care workers of PU (Public Association) “Family Practice Specialists” started on 10th October, 2018.

During the Q-1, 2020, the following activities were carried out under this contract:

- the work plan and schedule for the Q-1, 2020 has been prepared.
- Taking a part in several meetings with WB expert and AVHC on the results of work for the upcoming period.
- A practical guide in the form of desk calendar "Nutrition during pregnancy and breast-feeding" and a training manual for mentors in the programs "Infant and young children feeding", "Nutrition and anemia in women of reproductive age and adolescent girls" were prepared for approval and approved by the scientific and technical Council of the KSMI (Kyrgyz State Medical Institute for Retraining and Further Training) as a training material for participants.
- Preparations for cascade trainings for health workers serving pilot AA on the following topics: “Feeding infant and young children” and “Nutrition and anemia in women of reproductive age and adolescent girls”, namely:
 - a list has been compiled with the inclusion of participants not previously covered by training due to various reasons;
 - an instruction of the Ministry of Health of the Kyrgyz Republic to conduct cascade trainings was received (see Annex 2),
 - a package of handouts has been prepared (see Annex 3);
 - certificates for participants has been prepared (see Annex 4).

- Logistics procedures for training preparation were carried out.
- There were 8 cascade trainings on "Infant and young children feeding" with 154 participants and 8 cascade trainings on "Nutrition and anemia among women of reproductive age and adolescent girls" with 155 participants (see the training Report in Annexes 5.1-5.16). At the end of trainings, in agreement with APNIP and MoH of the KR, the Participants were awarded with certificates (with credit hours indicating)
- An electronic database for training participants according to the requirements of the ToR has been filled.
- Quarterly Progress Report has been compiled and prepared for approval, taking into account the Customer's comments and suggestions.
- Preparations for conducting ToT on next monitoring (compiling lists of participants, training programs) have begun.
- Due to the epidemiological situation of COVID-19 in the world and the Kyrgyz Republic, the logistics procedures for conducting ToT for training mentors had to be suspended indefinitely, and the project management was notified in writing. However, despite the temporary ban on conducting trainings and field visits for health care workers we are working on upcoming ToT and subsequent trips, training aids, and checklists development for visit rounds.

Training Report

According to the ToR, 8 cascade trainings were held on the topics "Infant and young children feeding" with the coverage number of health workers - 154 and 8 cascade trainings "Nutrition and anemia in women of reproductive age and adolescent girls" with the coverage number of health workers- 155 of pilot AA, Osh, Naryn, Chui, Batken oblasts.

The cascade trainings objectives: to provide training and supportive mentoring throughout the project period to improve the quality of health services at the FPC, FDG, FAP level on nutrition and anemia prevention in children, adolescent girls, women of reproductive age, pregnant and breastfeeding women in selected 60 AAs, where 600 health workers work.

This training covered the following target and adjacent AAs (Table 1).

Table 1

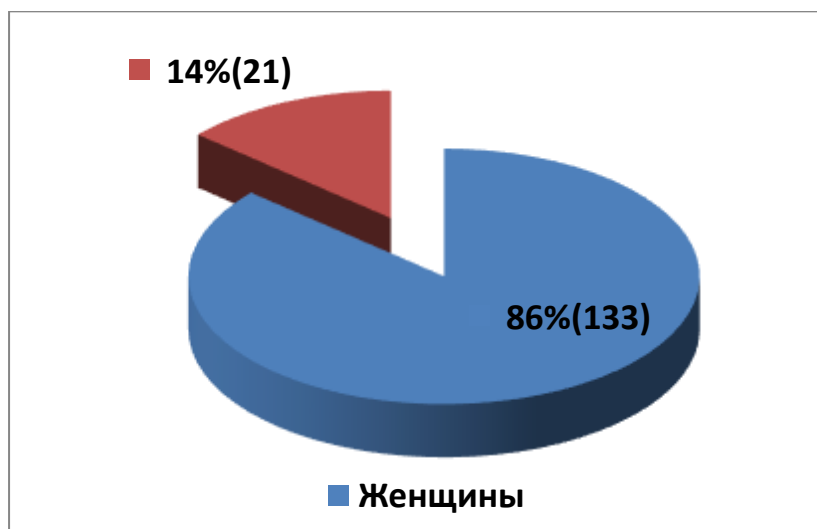
The list of target and neighboring Ayil Aimaks

№	Target and neighboring Ayil Aimaks (rayon, oblast)
1.	AA Kashkar-Kyshtak, Nariman, Karasu rayon, Osh oblast
2.	AA Otuz-Adyr, Sary-Kolot, Karasu rayon, Osh oblast
3.	AA Otuz-Adyr, Sary-Kolot, Karasu rayon, Osh oblast
4.	AA Frunze, At-Bashy, Sokuluk rayon, Chui oblast
5.	AA Kyrgyz-Kyshtak, Alga Kadamzhai rayon, Batken oblast
6.	AA Zulpuev, Yntymak, Kok-Zhar, Nookat rayon, Osh oblast
7.	AA Mirmahmudov, Kulatov, Nookat rayon, Osh oblast
8.	AA Stepninskoye, Kara-Suu, Zhayyl rayon, Chui oblast

Flow chart 1

Classification of participants by gender

Training - "Infant and young children feeding"



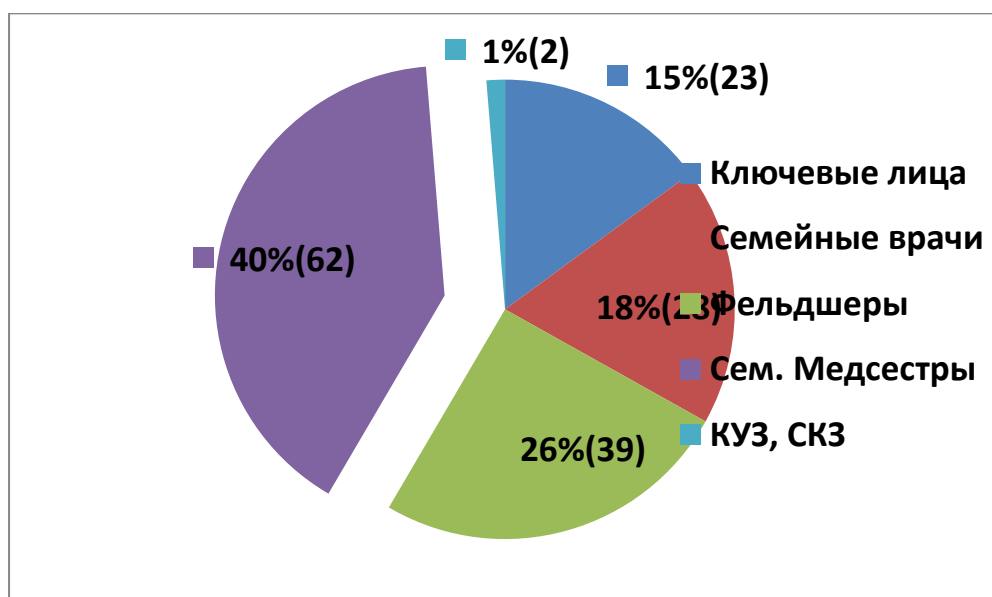
Training "nutrition and anemia in women of reproductive age and adolescent girls»



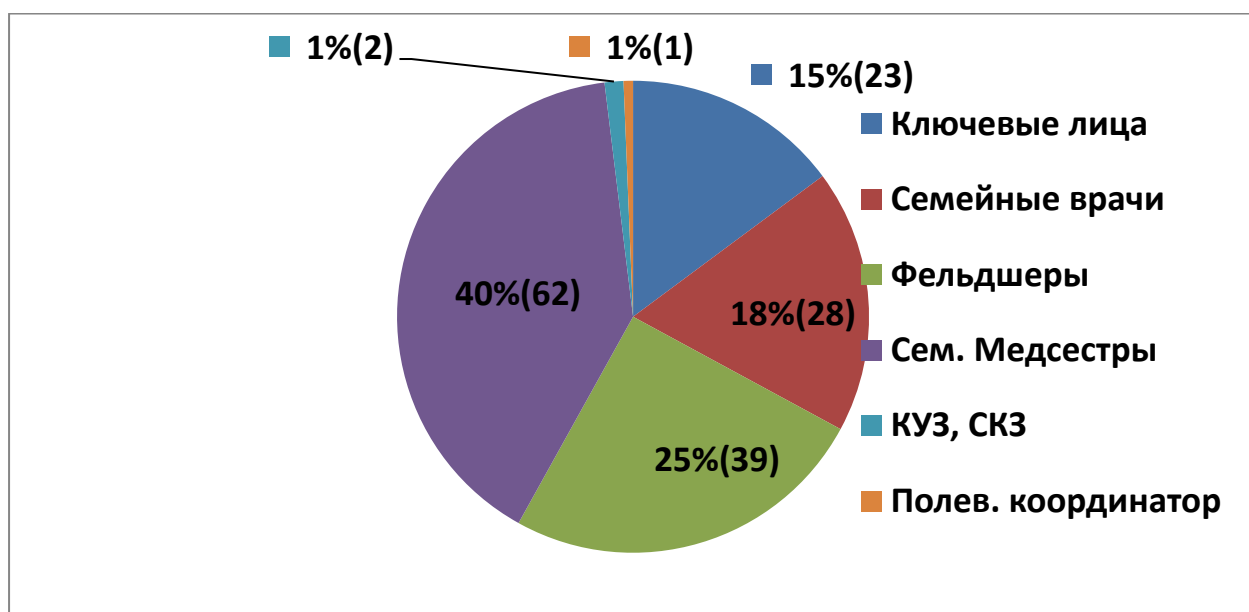
Diagram below demonstrates the number of women attending cascade training 86%, as for primary level (Family Doctors, FAP feldshers, Family nurse practitioners) mainly women work there; Cascade trainings covered healthcare workers serving the population of target and neighboring AA, in parallel with other non-medical activities of the project.

Flow chart 2

The composition of participants of “Infant and young children feeding” training



The composition of participants of the training "Nutrition and anemia in women of reproductive age and adolescent girls»



The composition of participants (figure 2) was distributed as follows. Most of the participants (62%) are family nurses, who provides basic consulting services to the population in their works.

The list of representatives of administrative and managerial potential included FPC Deputy Directors from the medical side; FDG clinical managers and Senior nurses from nursing care side - 23 (15%) people. FAPs feldshers - 25% (39 people), family doctors - 18% (28%). The training was attended by 2 VHC members and health promotion specialists who are in direct contact with the population and through the village activists, convey knowledge about the importance of healthy and rational nutrition and anemia prevention.

The pre-course and post-course testing (diagram 3) represents the following results. The lowest level of pre-course testing for IYCF (47-48%) was shown by the AA health care workers of the Kara-Suu, Sokuluk and Nookat rayons, the highest level (67-71%) - the AA health care workers in Naryn oblast

and the second group of the Sokuluk rayon, Chui oblast. These rayons were previously covered by training on these topics under other projects. The highest percentage of correct answers (97%) in post-course testing is again among AA health workers in Naryn oblast. The average pre-course testing score - 56%, post-course testing - 92%. The total increase in knowledge after training -36%.

During the training on topic: "Nutrition and anemia in women of reproductive age and adolescent girls, the same groups as during the first training showed poor results. The highest level was shown by health care workers of the Naryn rayon, Naryn oblast. The average score of pre-course testing was -57%, post-course testing- 86%, and knowledge gain - 29%.

The most difficulties were raised in questions: 2, 3, 7, 8, 25 during the pre-course testing. The trainers used this data during their ongoing training sessions, focusing on these issues in details.

Most of the incorrect answers during post-course testing were received on questions 7 and 10. All incorrect answers were analyzed together with the participants at the end of the training.

The practical part of **cascade trainings** took place at the health organizations (FPC, children's unit of territorial hospitals, somatic Regional Hospital). Participants hold consultations for mothers about infant and young children feeding, identified their problems and giving them correct recommendations.

Total number of people consulted -297

- mothers with children under 2 years old - 65
- mothers with children of 2- 5 years old -88
- Teenage girls – 13
- women of fertile age-27
- pregnant women-56
- breastfeeding mothers -48

During the consultation on infant and young children feeding the following problems were identified:

1. Approximately 1/3 of children under 6 months are not on EBF. The mothers were recommended exclusive breastfeeding up to 6 months, and were informed about the importance and benefits of breastfeeding and breast milk itself for the mother's body and the baby.
2. When monitoring the child feeding, at the request of participants, there were cases of incorrect positioning and applying the child to the breast. These mothers were provided with practical help, 4 key positions and rules explanation for proper breastfeeding position (how to position a child to breast).
3. Some mothers do not practice night feeding; they were recommended to use breastfeeding to meet the baby's needs, at least 12 times a day, day and night (24 hours).
4. As a complementary feeding for children 0- 6 months old, the childcares or mothers usually used the artificial milk formula "Nutrilak" or other infant formulas. Mothers were explained the consequences of early complementary feeding, which leads to decrease in immunity, increased incidence of diarrhea, allergic states, insufficient intake of protective anti-infectious factors and growth retardation (stunting). Also, the early complementary feeding can lead to unwanted pregnancies. Information about breast milk composition, the differences between women's milk and animal milk, and the consequences of giving whole cow milk to children under one year.
5. Complementary foods are introduced late, often at 9 months. Late complementary feeding can lead to a child's lag in development (stunting), anemia, and insufficient intake of nutrients for good growth and development of the child. Mothers were explained that starting from 6 months, the child needs to compensate for the lack of energy by complementary feeding according to age.
6. Previously they were using the bottle and the pacifier - it was recommended to feed children using a cup and spoon.

7. Children usually get cookies and gingerbreads with tea for snacks. Mothers were introduced a food pyramid and how to use it, with explanation of what locally produced foods are rich in protein, fat, vitamins, iron, calcium, iodine, folic acid, and the importance of each element in the child's mental and physical development. It is recommended not to add sugar to porridge (formulas) and limit sweets, it contains carbohydrates, and gives energy, but do not contain other nutrients, frequent or regular consumption these kind of food leads to obesity, diabetes and heart disease.
8. Using liquid food as a complementary feeding – we paid attention to the texture of the food, because it is solid food that makes up for the lack of energy. Given recommendations on food enrichment: to add 1-2 tsp of butter or melted or vegetable oil and ½ egg yolk, 1-2 tsp of sour cream to thick porridge or puree (mash potatoes) etc., this makes up for the energy deficit.
9. Some mothers add sugar and salt to children's food, and recommendations are given about the harm of sugar and salt.
10. Children do not receive the recommended portion size according to age, mothers were recommended to increase the volume of food according to age (according to the БЧКГРОГ). B - age; Ч - frequency; К- amount; Г - food texture; Р- variety; О- responsive feeding; Г - hygiene.
11. Both children and their mothers do not get enough fruits and vegetables. The recommendations were given how to use food pyramid and the explanations about the importance of each food group for good growth, development and maintenance of health of mothers.
12. Almost every family has a tradition drinking tea while having a meal - the mothers were explained why they should not drink tea while eating, and were recommended to have a tea in 1 or 2 hours after a having a meal.
13. The birth spacing is not observed because women do not know about them or don't how to use birth control methods, except IUD (intrauterine device) and contraception sheath (condoms). The consultations were conducted on birth control methods for breastfeeding mothers up to 6 months and after 6 months. It was emphasized that the birth spacing should be 39 months, and it should be observed to improve the mother's and child's health.
14. There is no concept of Nursing Anemia Method -they were explained what is the NAM and recommendations were given how to follow 3 main conditions for effective NAM. They were advised to see their family doctor for birth control methods.
15. Mothers did not know what to do while feeding a sick child who had reduced appetite. Some mothers do not feed children during vomiting, believing that in this way they reduce the likelihood of nausea and vomiting. These mothers were advised about giving the child their favorite food during the illness, and during recovery one additional meal was recommended.
16. Many mothers are not aware about responsive feeding. Recommendations for active feeding were explained to them: to smile, look into the eyes during the feeding process, encourage and help baby, be patient, stay with the baby until he/she is full.
17. Several mothers were revealed with cracked nipples, they were given recommendations: EBF, before breastfeeding express some milk, proceed nipple treatment/cleaning, do not use non-prescribed ointments and hand-held agents. They were taught the correct child positioning while breastfeeding.
18. They found that one mother with insufficient milk from one breast. She explained that, breastfeeding her baby with the one breast is more convenient for her. She was explained and showed the correct positioning of the baby during breastfeeding.

During nutrition and anemia counseling, the following issues were identified:

1. When consulting adolescent girls, it turned out that they often buy and consume fast food and soft drinks. They having hot meals only 1 time a day, the diet is dreary. Insufficient consumption of vegetables and fruits, dairy products - rare, sweets and greasy food-up to 1 portion per day. Nutrition counseling has been conducted.
2. All adolescent girls do not receive supplementation (iron preparations for the prevention of anemia). Several adolescent girls have moderate anemia and are not receiving treatment. They had a conversation about the importance of obtaining IFA preparations for the anemia prevention and treatment.
3. Almost half of consulted pregnant women do not have additional meal. The following recommendations are given: to follow the rest and sleep regime, one extra meal (4 times a day), to support close people, to stop heavy physical work, to practice a varied diet based on the food pyramid, the food rich in necessary micro elements (iron, iodine, vitamin A and C, calcium, zinc, etc.), to follow hygiene and drinking regimen, do not smoke, do not take psychoactive drugs, to wear comfortable clothes and shoes, be followed up by a family doctor, to know anxiety signs, to continue all prophylactic measures (iron, iodine preparations).
4. Many women have dreary unhealthy diet, malnutrition. They do not consume vegetables and fruits on regular basis, their diets mostly consist from flour-based food, fast food (ready-to-cook food). They drink tea and coffee during meals. The diet does not include seafood, such as fish and white meat.
5. In many cases women of fertile age do not know their Hb level, they do not take iron and folic acid preparations as a supplements.
6. It was found that several women with moderate and severe anemia don not take iron preparations, although their practitioners prescribed them medication. They were explained about the consequences of anemia both for mother and child, also about products rich in iron and vice versa which products inhibit the absorption of iron. After receiving consultation, all the mothers decided to continue their treatment. Participants helped to calculate the iron dosage, frequency, and course of administration.
7. Cases of iron injection therapy for anemia treatment have been identified. Participants contacted the doctor and explained that the course of administration in injectable form can harm patient. In this case it not good to be lead by patient, its better to choose the right drug administration, taking into account the prescriptions, precautions and side effects.
8. There is no screening test for anemia in children at 6 months, and no supplementation is prescribed. Participants conducted a counsellings using 3-step counseling: they identified the problem and determined the cause, conducted the analysis, helped solve the problem.

A questionnaire survey on the participant's satisfaction rating (diagram 4) were conducted on an anonymous basis. Participants were asked to rate the activities on a 5-point scale. Thus, for all questions, the average score -4 points and up, which indicates a high satisfaction of participants with the training.



3.1.2. Strengthening the household nutrition quality through adequate nutrition education

Nutrition outreach activities to the population by VHC activists, the contractor company "Kyrgyzstan ayildyk den-sooluk komitetteri" - KADK (AVHC), started on October 25, 2018. The aim of the AVHC under APNIP is to attract the population through educational programs on nutrition improvements and to mobilize the community through VHC volunteers and initiative groups to improve behavior regarding diversity and food security, hygiene, sanitation, food preparation and storage at the household level in the selected 60 Aiyl Aimag with 94,400 households

3.1.2. Strengthening the household nutrition quality through adequate nutrition education

Nutrition promotional campaign for the population by VHC activists, the contract company- Assosiation «Кыргызстан айылдык ден-соолук комитеттери» - KADK (in kyrgyz) AVHC (same in English), started on October 25, 2018. The aim of the AVHC under the APNIP is to attract the population through educational programs to improve the nutrition quality and to mobilize the community through VHC volunteers and Initiative Groups (IG) to improve behavioral models regarding variety in food and food

security, hygiene, sanitation, food preparation and storage at the household level in selected 60 AAs, with population of 425,000 people in 94 400 households.

The following report was prepared by the AVHC within the framework of the APNIP and contains information on the activities carried out by the AVHC during the reporting period from 01.01.2020 to 29.02.2020 according to the approved action plan for the Q-1, 2020. (See Annex 1) in AAs, selected WUA for rehabilitation of I&D systems and neighboring AAs: (see Annex 1) in the AAs, the WUAs selected for the rehabilitation of I&D systems, and neighboring AAs:

- **Phase 1:**

- 1) WUA Gauyan, Batken oblast, Kadamzhay rayon, AA Birlik (Ormosh) and Orozbekov
- 2) WUA SHM, Chuy oblast, Moskow rayon, AA Petrovka and Ak-Suu
- 3) WUA Bel-Sovhoz O, Issyk-Kul Oblast, Jeti-Oguz rayon, AA Organochor and Kyzyl-Suu
- 4) WUA Tasma-Karanar, Issyk-Kul oblast, Ak-Suy rayon, AA Karakol and Otradnoe
- 5) WUA Taimonku, Jalal-Abad Oblast Nooken rayon, AA Nooken and Sakaldy
- 6) WUA Sulayman-Suu, Jalal-Abad Oblast Ala-Buka rayon, AA Baltagulov and Ak-Korgon
- 7) VP Kur-Tash, Osh Oblast Aravan rayon, AA Too-Moyun and Chek-Abad
- 8) WUA Bereke-S, Talas oblast, Manas rayon, AA Uch-Korgon and Pokrovka
- 9) WUA Toktomush, Naryn oblast, Zhumgal rayon, AA Bayzak and Bash-Kuugandy

- **Phase 2:**

- 1) WUA Kurshab-Arzybek, Osh oblast Uzgen rayon, AA Kurshab and Kyzyl-October
- 2) WUA Kirk-Bulak, Batken oblast, Leilek rayon, AA Katran and Toguz-Bulak
- 3) WUA Obi-Hayot, Jalal-Abad Oblast, Bazar-Korgon rayon, AA Bazar-Korgon and Seydikum
- 4) Ak -Jol-Suu, Jalal-Abad Oblast, Nooken rayon, AA Dostuk and Burgondu
- 5) WUA Umetaly, Chui oblast, Kemin rayon, AA Almaluu and Chym-Korgon
- 6) WUA Bash-Keltebek, Naryn oblast, At-Bashy rayon, AA Kazybek and Kara-Koyun
- 7) WUA Zhany-Tilek, Chui oblast, Issyk-Ata rayon, AA Zheek and Kochkorbaev
- 8) WUA Mol-Bulak, Talas oblast, Kara-Bura rayon, AA Cholponbai and Kara-Buura
- 9) WUA Kara-Kungey-Ukok, Naryn oblast, Kochkor rayon, AA Kosh-Dobo and Kum-Dobo
- 10) WUA Talaa-Bulak, Naryn oblast, Ak-Talaa rayon, AA Baetov and Ugut.

During the reporting period, the AVHC carried out the following activities:

- Working on action plan with following approval for the Q-1, 2020;
- submission of descriptive quarterly report for the Q-4, 2019 and an annual report for 2019;
- participation in round tables on the topic: "Communication strategy and event planning of APNIP awareness campaign" in Bishkek with the participation of PIU, representatives of APNIP Components 1,2,3;
- participation in round tables on "Improving nutrition for mothers and children" Batken, Osh, Jalal-Abad, Bishkek cities;
- coordinating and advising 20 activists and 5 FCs of pilot AA on ongoing events;
- collecting financial documentation on visits of activists and field coordinators;
- controlling and collecting financial, descriptive reports from FC;
- activists and FCs payments for their work, formation and approval of financial quarterly statements;
- data analysis of the informed population on the basis of Forms 1 and 2;
- Preparations for the World Bank mission;
- formation and approval of a descriptive report.

During the reporting period, the field coordinators carried out the following activities:

- activity planning;
- event management in preparation for round tables;
- participation in round tables on the topic: "Communication strategy and event planning of APNIP awareness campaign", Bishkek
- Participation in round tables on "Nutrition improvements for mothers and children" in Batken, Osh, Jalal-Abad Chui oblasts;
- preparation for seminars, departure schedules planning and collection;
- training of activists at the rural level on the following topics: "Exclusive breast-feeding (infants under 6 months) and complementary feeding for children from 6 months to 2 years of age" with a demonstration workshop for VHC volunteers and IGs;
- monitoring visits to households to assess public awareness on topics: "Exclusive breast-feeding (infants under 6 months) and complementary feeding for children from 6 months to 2 years of age"
- Participation in a seminar "SALAMAT" mobile application usage, developed by the Agahan Foundation»;
- Data summary, obtained from forms 1 and 2 on information dissemination by activists on the following topics: "Anemia prevention. Hand washing and clean toilets" and entering the received data into an electronic database;
- audit of the financial reports of the activists;
- A summary of reports on the activist's work, including "success stories" and statistics for the preparation of descriptive report;
- the preparation of financial and descriptive reports with follow up submission to the AVHC;
- providing constant coordination of events, remote consulting (online, phone), informational and methodological support for activists.

For the reporting period, activists of 38 pilot AA conducted the following:

- development and approval of work plan and schedule;
- Participation in the organization and holding of the round table;
- "Communication strategy and event planning of APNIP awareness raising campaign", Bishkek
- Topic: "Nutrition improvements for mothers and children " Batken, Osh, Jalal-Abad, Bishkek cities;
- preparation for seminars, elaboration and collection of departure schedules;
- training of activists at the rural level on the following topics: "Exclusive breast-feeding (infants under 6 months) and complementary feeding for children from 6 months to 2 years of age" with a demonstration workshop for VHC volunteers and IGs;
- monitoring visits to households to assess public awareness on following topics: "Exclusive breast-feeding (infants under 6 months) and complementary feeding for children from 6 months to 2 years of age"
- forms 1 and 2 collection from volunteers, on awareness campaigns: "Anemia prevention. Hand washing and clean toilets";
- participation in a workshop: "SALAMAT" mobile application usage, developed by the Agahan Foundation»;
- preparation of progress reports, including "success stories" and statistics for the field coordinator's submission;
- Preparation of finance reports with following submission to the field coordinator;
- Remote (online) consulting and informational-methodological support for volunteers.

During the report period volunteers of VHC and IGs:

- were trained on the following topic: "Exclusive breast-feeding (infants under 6 months) and complementary feeding for children from 6 months to 2 years of age"
- awareness raising campaign among population on the following topic "Exclusive breast-feeding (infants under 6 months) and complementary feeding for children from 6 months to 2 years of age"
- Participation in monitoring field trips of activists and oblast field coordinator;
- filling the forms 1 and 2 on information dissemination on topics: "Anemia prevention" and "Hand washing and clean toilets";

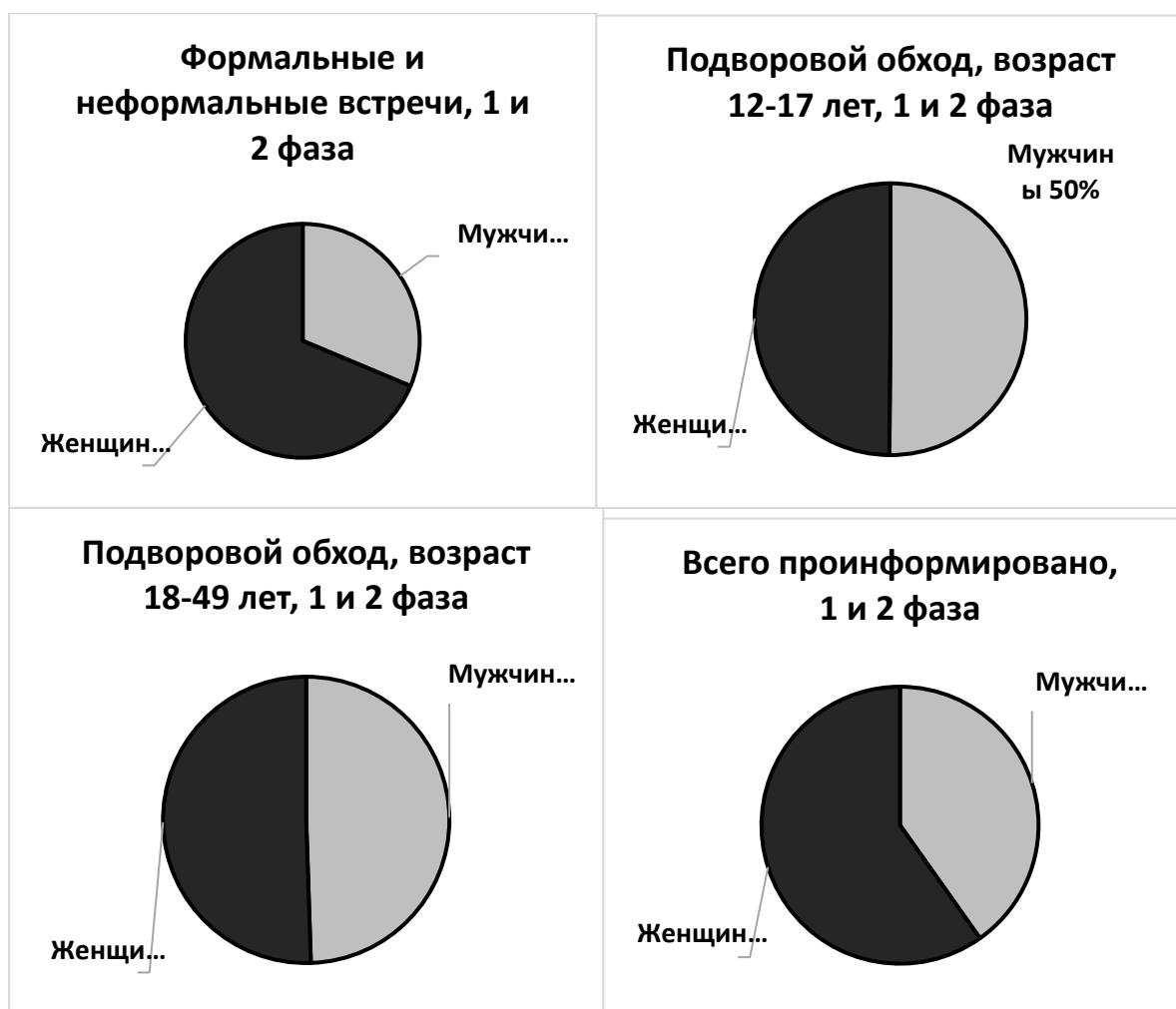
Currently, the 38 pilot AA were covered with awareness campaigns on the following topics: "Anemia prevention. Hand washing and clean toilets" total number of people coverage - 172 671, at 12 to 49 years old. This figure is obtained by adding up the number of people who received information during the household round by volunteers and informing at formal and informal meetings.

Out of total number of informed people - 83 470 (of which 49,7% men, 50,3 % women) were provided with information during household rounds, 89 201 people (of which 31% men, 69% women) were informed at formal and informal meetings.

When counting the number of the informed people during the household rounds, the people of 12 - 49 years old (adolescent girls and women of fertile age) who were informed at home by volunteers during their visits, and people of 18 years old and above during the meetings.

Among those informed in the household rounds, age group 18- 49 years old- 56 358 people (49% - men, 51% -women), and age group 12-17 years old -27 112 people (50% -men, 50% - women).

The gender ratio of those informed is as follows:



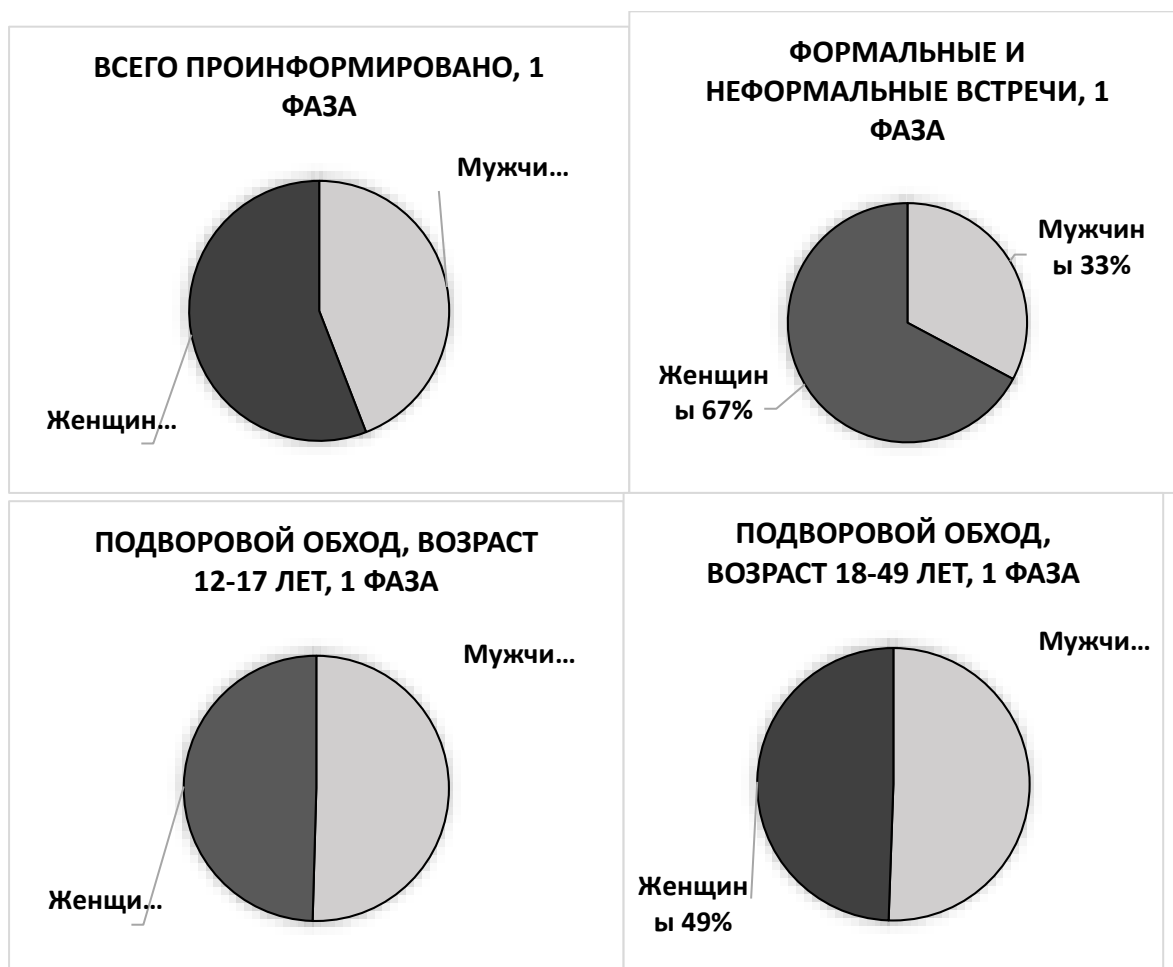
Awareness raising campaign in 18 pilot AA phase-1 on the following topics: “Anemia prevention” and “Hand washing and clean toilets” total number of people covered at age 12 - 49 years old is 64 241. This figure is obtained by adding up the number of people who received information during the household round by volunteers and informing at formal and informal meetings.

Out of total number of people informed - 41 062, people were informed during household rounds (51% men, 49% women), 23 179 people were informed at formal and informal meetings (33% men, 67% women).

When counting the number of the informed people during the household rounds, the people of 12 - 49 years old (adolescent girls and women of fertile age) who were informed at home by volunteers during their visits, and people of 18 years old and above during the meetings.

Out of the number of people informed during the household rounds, 29 113 people of 18- 49 years old - (51% - men, 49% -women), and 11 949 people of 12-17 years old (50,4% -men, 49,6% - women).

The gender ratio of those people informed as follows:



Awareness raising campaign in 20 pilot AA phase- 2 on the following topics: “Anemia prevention. Hand washing and clean toilets” total number of people covered - 108 430, at age from 12 to 49 years old. This figure is obtained by adding up the number of people who received information during the household round by volunteers and at formal and informal meetings.

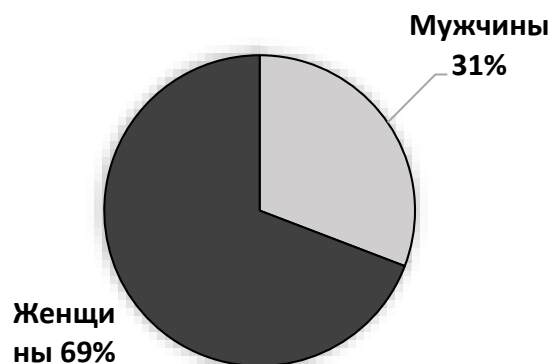
Out of total number of people informed -42 408 people were informed during household rounds (of which 49% men, 51% women), 66 022 people were informed at formal and informal meetings (of which 31% men, 69% women).

When counting the number of the informed people during the household rounds, the people of 12 - 49 years old (adolescent girls and women of fertile age) who were informed at home by volunteers during their visits, and people of 18 years old and above during the meetings.

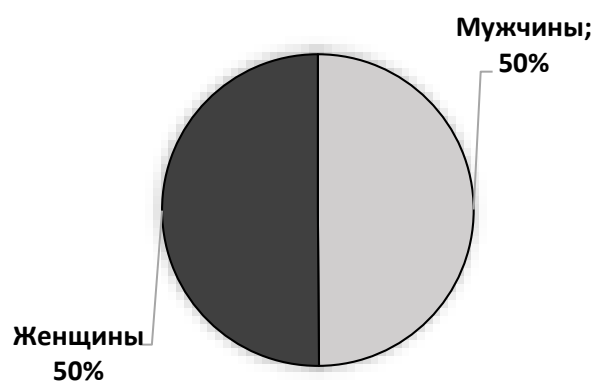
Out of people informed during the household rounds, 27 245 people of 18-49 years old (of which 48% men, 52% women), and 15 163 people of 12-17 years old (49,9% -men, 50,1% - women).

The gender ratio of those people informed as follows:

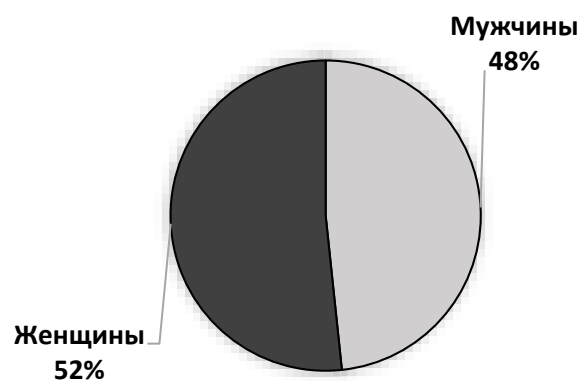
**ФОРМАЛЬНЫЕ И НЕФОРМАЛЬНЫЕ
ВСТРЕЧИ, 2 ФАЗА**



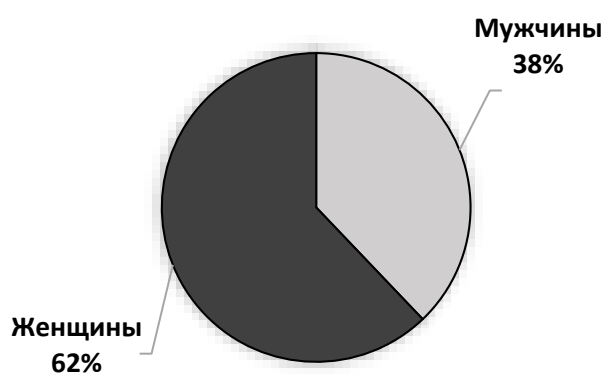
**ПОДВОРОВОЙ ОБХОД, ВОЗРАСТ 18-
49 ЛЕТ, 2 ФАЗА**



**ПОДВОРОВОЙ ОБХОД, ВОЗРАСТ 18-
49 ЛЕТ, 2 ФАЗА**



**ВСЕГО ПРОИНФОРМИРОВАНО, 2
ФАЗА**



The table shows the absolute data on the population coverage by volunteers in the context of pilot AAs of phase-1 on the topic "Prevention of anemia. Hand washing and clean toilets".

The total number of people informed by volunteers - 64 241 (of which 44% men, 56% women) of which 41 062 were covered during the household rounds, and 23 179 people were informed at formal and informal meetings.

Out of the number of people informed -4 062 were informed during the households rounds of adults -29 113 people from 18 to 49 years old, 11 949 -children aged 12 to 17 years old.

Out of 23 179 population informed at formal and informal meetings 33% - men and 67%- women.

The table shows the absolute data on the population coverage by volunteers in the context of pilot AAs of phase-1 on the topic "Anemia prevention. Hand washing and clean toilets".

The total number of people informed by volunteers - 108 430 (of which 38% men, 62% women) of which 42 408 were covered during the household rounds, and 66 022 people were informed at formal and informal meetings.

Out of the number of people informed -42 408 who were informed during the households rounds of adults -27 245 people from 18 to 49 years old, 15 163 -children aged 12 to 17 years old.

Out of 66 022 people informed at formal and informal meetings 31% - men and 69%- women.

In addition, 34 341 children under 5 years' old who live in the households covered by the awareness campaign in the pilot villages of phase 1 and 2, of which 14 131- children under 2 years old and 20 210 - children of 2-5 years old.

Data on the number of children in informed households, differentiated by Phase-1 and 2, are given below.

Monitoring visits of field coordinators and activists

	Rayons			Total	%
	Kemin	Ysyk Ata	Moskovsky		
1. How many people interviewed (households)	43	56	46	145	
2. How many people know about the project?	12	40	17	69	47,5
- complementary feeding	3	30	17	50	34,4
- Nutrition for pregnant women. junk food (unhealthy food)	2	0	31	33	22,7
- Anemia, clean hands	11	30	34	75	51,7
- storage of agricultural products	8	0	0	8	5,5
4 The information was helpful	15	40	24	79	54,4
5. How many people have applied in practice	11	39	15	65	44,8
6. How many people received IEM	11	39	15	65	44,8
7. How many people have confirmed that IEM is useful	11	39	15	65	44,8
7. How many people said that IEM are clear and understandable	11	39	15	65	44,8
9. How many people shared information with others	11	38	15	64	44
10 how many people had successful stories					

11. From whom information was received					
- GDG/FAP	3	12	1	15	10
- VHC	11	2	7	20	13,7
- volunteers	5	39	31	75	51,7
- other					

The monitoring of the **Issyk-Kul** region the following data were obtained:

	Rayons		Total	%
	Aksuu	Zhety-Oguz		
1. How many people interviewed (households)	65	30	95	
2. How many people know about the project?	27	22	49	51,5
- complementary feeding	5	11	16	16,8
- Nutrition for pregnant women. junk food (unhealthy food)	17	17	34	35,7
- Anemia, clean hands	17	17	34	35,7
- storage of agricultural products	34	9	43	45
4 The information was helpful	36	26	62	65
5. How many people have applied in practice	32	26	58	61
6. How many people received IEM	32	26	58	61
7. How many people have confirmed that IEM is useful	32	26	58	61
7. How many people said that IEM are clear and understandable	32	26	58	61
9. How many people shared information with others	32	26	58	61
10 how many people had successful stories				
11. From whom information was received				
- GDG/FAP	9	6	15	15,7
- VHC	58		58	61
- volunteers	3	27	30	31,5
- other		1	1	1

During monitoring in the Naryn oblast, the following data were obtained:

	Rayon				
	Aktalaa	Atbashy	Kochkor		
1. How many people interviewed (households)	12	18	11	41	
2. How many people know about the project?	8	17	6	31	75,6
- complementary feeding	2	1		3	7
- Nutrition for pregnant women. junk food (unhealthy food)	9	77 7		16	39
- anemia, clean hands	12	15	11	38	92,6
- storage of agricultural products		12	9	21	51
4 The information was helpful	9	12	11	32	78
5. How many people have applied in practice	6	11	11	28	68
6. How many people received IEM	7	11	11	29	71
7. How many people have confirmed that IEM is useful	7	11	11	29	71
7. How many people said that IEM are clear and understandable	7	11	11	29	71
9. How many people shared information with others	7	11	7	25	61
10 how many people had successful stories					
11. From whom information was received					
- GDG/FAP	1	8	1	10	24
- VHC	2	4		6	14,6
- volunteers	8	14	10	32	78
- other					

During monitoring in the Jalal-Abad oblast, the following data were obtained:

	Nooken				Total	%	Ala-Buka Rayon		Total	%
	Rayon									
	Sakaldy AA	Nooken AA	Dostuk AA	Burgo ndu			Ak - Korgon AA	Ak-Tam AA		
1. 1. How many people interviewed	35	30	33	34	132		30	36	66	

(households)										
2. How many people know about the project?	21	23	24	23	91	69	21	24	45	69
- complement ary feeding	9	17			26	19, 6	17	18	35	53
- Nutrition for pregnant women. junk food (unhealthy food)	11	11			22	16, 6	18	14	32	48
- anemia, clean hands	17	19	10	23	69	52	11	17	28	42
- storage of agricultural products			10	23	33	25				
4 The information was helpful	21	23	24	28	96	72, 7	30	24	54	81,8
5. How many people have applied in practice	21	20	24	28	93	70	18	24	42	63,6
6. How many people received IEM (Informational and educational materials)	21	21	21	25	88	66, 6	21	26	47	71
7. How many people have confirmed that IEM is useful	21	19	21	25	86	65	21	26	47	71
7. How many people said	19	19	11	25	74	56	18	26	44	66,6

that IEM are clear and understandable										
9. How many people shared information with others	16	20	21	11	68	21, 7	21	19	40	60
10 how many people had successful stories	7	5	13	13	38	34, 8	12	14	26	40
11. From whom information was received										
- GDG/FAP	9	7	13	10	39	29, 5	8	11	19	28
- VHC	10	12	8	12	29	22	11	9	20	28,7
- volunteers	3	3	5	6	17	12, 8	2	4	6	9
- other	-	1	-	-			1	-		0

In total, the activists covered 479 people in the household monitoring. This monitoring is carried out to assess and consolidate the knowledge received from volunteers during the household rounds, at formal and informal meetings. Monitoring also helps to cover more households.

During the monitoring in the **Kemin rayon, Chui oblast 43 people were interviewed**. Of these, families with pregnant women -3, families with children under 2 years old -16 people. Families included in 1000 days' program - -19 households. Out of 43 respondents, only 12 people have heard about the project. Based on the results of the survey on what topics the seminars were held the following responses were received:

- EBF and complementary feeding - 3 people.;
- Nutrition for mothers during the first 1000 days- 2 people;
- Anemia prevention and hand washing and clean toilets -11 people;
- Safe storage and preservation - 8 people.;
- On 3rd question: what keywords from the information you received do you remember: they answered that you need to wash your hands with soap;
- 4th question: Is this information useful to you? - 15 people replied “Yes”;
- 11 respondents are using the received information in practice, and they noted the IEM are useful and easy to learn;
- 11 people share information with other people

- Who do you get this information from? From the VHC volunteer -11 people, from the FAP health care worker -3 people, volunteers- 5 people, don't know- 24 people.

During the monitoring in the **Issyk-Ata rayon, Chui oblast** the number of interviewed -56 people. Of these, families with pregnant women, families with children under 2 years old -21 people. Families included in 1000 days' program -26 households. Out of 56 respondents, only 40 people (71,4%) have heard about the project. Based on the results of the survey on what topics the seminars were held the following responses were received:

- EBF and complementary feeding -30 people
- Mother's nutrition during the first 1000 days - 0 people;
- Anemia prevention and hand washing and clean toilets - 30 people;
- Safe storage and preservation - 0 people;
- On 4th question: Is this information useful for you? - 40 people replied "Yes"
- 39 respondents are using the received information in practice, and they noted that IEM are useful and easy-to-learn;
- 38 people shared information with other people;
- Who do you get this information from? From the VHC volunteer -2 people, from the FAP health care worker -12 people, from volunteers- 39 people.

During the monitoring Moscow rayon, Chui oblast, the number of interviewed- 46 people. Pregnant women- 1 person, children under 2 years old - 20 people, with coverage of 21 households. Only 17 people have heard about the project. Based on the results of the survey on what topics the seminars were held the following responses were received:

- EBF and complementary feeding -17 people;
- Mother's nutrition during the first 1000 days - 31 people;
- Anemia prevention and hand washing and clean toilets - 34 people;
- On 3rd question: what keywords from the received information do you remember: they answered that they need to wash their hands with soap;
- On 4th question: Is this information useful for you? - 24 people replied "Yes"
- 15 respondents are using the received information in practice, and they noted the IEM are useful and easy-to-learn;
- Who do you get this information from? from the VHC volunteers-7 people, from the FAP health care worker -1 person, from volunteers -31 people, from others - 5 people.

During the monitoring in the **Ak-Suu rayon, Issyk-Kul oblast** the total number of people interviewed is **65**. Pregnant women-11, mothers with children under 2 years old - 29 people. Families included in 1000 days' program - 40 households. Out of 65 respondents, only 27 people have heard about the project. Based on the results of the survey on what topics the seminars were held the following responses were received:

- EBF and complementary feeding -5 people.;
- Mother's nutrition during the first 1000 days - 17 people;
- Anemia prevention, hand washing and clean toilets -17 people;
- Safe storage and preservation - 34 people.;
- On 3rd question: what keywords from the received information do you remember: to eat more vegetables and fruits, pregnant women need to eat properly, hot meals 3 times and 2 snacks should be normal in pregnant woman's daily diet;
- On 4th question: Is this information useful for you? 36 people replied "Yes"

- 32 respondents are using received information in practice, and they noted the IEM are useful and easy-to-learn.
- Who do you get this information from? from the VHC volunteers -58 people, from the FAP health care worker -9 person, from volunteers-3 people, from others -0 people.
-

During the monitoring in the **Jety -Oguz rayon, Issyk-Kul oblast** the total number of people interviewed - **30 people**. Pregnant women-1, children under 2 years old - 10 people. Families included in 1000 days' program - 11 households. Out of 30 respondents, only 22 people have heard about the project. Based on the results of the survey on what topics the seminars were held the following responses were received:

- EBF and complementary feeding -11 people.;
- Mother's nutrition for first 1000 days- 17 people;
- Anemia prevention. Hand washing and clean toilets- 17 people.;
- Safe storage and preservation - 9 people.;
- On 3rd question: what keywords from the received information do you remember: food pyramid; self adhesive sticker for children; to grow own vegetables and fruits, make compost;
- On 4th question: Is this information useful for you? - 26 people replied "Yes"
- 26 respondents are using the received information in practice, and they noted the IEM are useful and easy-to-learn;
- On 9 th question: good story - I started using freezing method;
- Who do you get this information from? from the FAP health care workers -6 people, from volunteers -27 people, from others -1 person.

During the monitoring in the **Ak-Talla rayon, Naryn oblast** the total number of interviewed -**12 people**. Families with pregnant women -3, families with children under 2 years old -6 people. Families included in 1000 days' program - -9 households. Out of 12 respondents, only 8 people have heard about the project. Based on the results of the survey on what topics the seminars were held the following responses received:

- EBF and complementary feeding - 2 people.;
- Mother's nutrition during the first 1000 days - 9 people;
- Anemia prevention and hand washing and clean toilets - 12 people;
- Safe storage and preservation - 0 people.;
- On 3rd question: what keywords from the received information do you remember: to wash hands with the soap
- On 4 th question: Is this information useful for you? 9 people replied "Yes"
- 6 respondents are using the received information in practice, and they noted that IEM are useful and easy-to-learn. 7 people shared the information with other people
- Who do you get this information from? from the VHC volunteer -2 people, from the FAP health care worker -1 people, from volunteers - 8 people.

During the monitoring in the **Kochkor rayon, Naryn oblast** the total number of people interviewed is 11 people. Pregnant women -2, children under the 2 years old- 8 people. Families included in 1000 days' program - 10 households. Out of 11 respondents, only 6 people have heard about the project. Based on the results of the survey on what topics the seminars were held the following responses were received:

- EBF and complementary feeding -0 people.;
- Mother's nutrition during the first 1000 days -0 people.;
- Anemia prevention. Hand washing and clean toilets- 11 people.;

- Safe storage and preservation - 9 people.;
- On 3rd question: what keywords from the received information do you remember: hands should be washed with soap, the hands need to be washed before breastfeeding;
- On 4 th question: Is this information useful for you? 11 people replied “Yes”
- 7 respondents are using the received information in practice, and they noted that IEM are useful and easy-to-learn.
- On 9 th question: good story - I use freezing method for bell peppers and strawberries
- Who do you get this information from? from the FAP health care worker - 1 person, from volunteer’s person- 10 people.

During the monitoring in the **At-Bashy rayon, Naryn oblast 18 the total number of people interviewed is 18 people**. Pregnant women -3, children under 2 years old - 4 people. Families included in 1000 days’ program - 7 households. Out of 18 respondents, only 17 people have heard about the project. Based on the results of the survey on what topics the seminars were held the following responses received:

- EBF and complementary feeding -1 person.;
- Mother’s nutrition for first 1000 days- 7 people.;
- Anemia prevention. Hand washing and clean toilets- 15 people.;
- Safe storage and preservation - 12 people.;
- On 3rd question: what keywords from the received information do you remember: to wash hands using the soap;
- On 4 th question: Is this information useful for you? 12 people replied “Yes”;
- 11 respondents are using the received information in practice, and they noted the IEM are useful and easy-to-learn;
- On 9 th question: good story - mothers started giving dried fruits to children instead of sweets, stopped drinking tea immediately after eating.
- Who do you get this information from?

from FAP health care workers - 8 people, from VHC members - 4 people, from volunteers - 14 people

Summary:

1. The availability of handouts on EBF, complementary feeding for children of 6 - 24 months of age and motivation materials provides a significant help in awareness raising informing the population on all topics.
2. Equipping activists and volunteers with attributes with the project's symbols (t-shirts, sleeveless jacket, bags, banners and cases for them) has a positive impact on their work, they are recognizable and acquire interest in the project.
3. Providing activists with a training package, thematic modules, information materials (IEM), handouts such as flipcharts, markers, stickers helps to clearly and easily deliver information.
4. The enthusiasm and interest in Project activists’ work of Phase-1, 2, is increasing.
5. Conducting round tables with the participation of AO heads and FPC/FPG/FAP heads gave the advantages in the work.
6. Problems with the venue of seminars lead to difficulties (no heating in the building, no facilities for full-fledged seminars, lack of premises, etc.).
7. Difficulties in population mobilization during the seasonal works (spring time and fall time).
8. Weak motivation of volunteers working in awareness raising campaigns, frequent rotation of volunteers.
9. Activists are facing the problems in delivering handouts for volunteer's trainings (heavy bags, sometimes they deliver the handouts for 2 trainings in 1 day).

10. Most of the health workers who have been trained in component 3.1.1. have now become volunteers in the pilot villages. Good cooperation with the VHC.
11. Strengthening work with the media, drawing up a communication plan.
12. Continuous cooperation with PIY3 (Republican center for health promotion), IOΦ PIY3 (Republican center for health promotion in South branch).
13. Conducting the awareness raising campaign jointly with AO, Local authorities, FPC/FDG, FAP, schools.
14. Creating a VHC where no IG, as the VHC volunteers are more organized.

AVHC's recommendations for the development of women's child nutrition activities for the future.

1. The increase in tariffs of transport costs.
2. Conducting competitions, promotions with motivational materials, prizes.
3. Conducting seminars at the AA level with participation of AO health care workers, components -1,2,3, specialists, VHC and local public organization.
4. Close cooperation with the local media, TV broadcasting of nutrition videos clips on regular basis, activists' and FCs interviews on topics: sharing with good news, project results, sharing experiences between FCs, methodological advisory engagement.
5. To improve the collection of forms 1 and 2
6. To attract representatives and heads of AO, youth, aksakals (elders), intellectuals, state officials, religious, schools, women, etc.) to work improvement.
7. Allocate traveling bags on rollers with the project's logo for activists.
8. Increasing the number of VHC members in villages, using VHC as a stable channel for transmitting information on nutrition issues; motivation of VHC volunteers.
9. Preserving and maintaining the potential of trained trainers (coaches) for the organization and finding funds for their further motivation.
10. Motivation for volunteers: incentive prizes, letters of appreciation, etc.
11. Briefings (informational meetings) aimed at increasing the potential of rural areas on rational and diverse family nutrition.
12. Round tables with participation of AO, FPG, RHC heads, imams, pre-school institutions, principals, FAP health care workers, village heads, activists of local communities.
13. Video broadcasting at FDGs/FAPs, schools, nursery schools.
14. To better inform household members and target beneficiaries, use nutrition IEM (booklets or brochures on EBF, complementary and harmful (unhealthy) food, adolescent girl's nutrition, calendars for pregnant women on a varied diet, anemia prevention, sanitation and hygiene, etc.).
15. To better inform household members and target beneficiaries to use nutrition IEM (booklets or brochures on EBF, complementary and harmful (unhealthy) food, nutrition for adolescent girls, calendars for pregnant women on a varied diet, anemia prevention, sanitation and hygiene, etc.).



Result indicators:

1 Percentage of targeted beneficiaries participating in nutrition improvement campaigns at households-. In the Q-1, 2020, the total number of informed people by activists of the Phase-1 and 2 on the module "Anemia prevention and hand washing" is 172 671. The total number of population residing at 60 pilot AA- 765 840. The number of the beneficiaries is 272517 or 35% from total population. The number of activists trained-2 276 ,155 VHCs and 39 Initiative Groups were established, of which 2 202 (97%) women and 74 (3%) men. Coverage of households 26 355.

76 332 target beneficiaries were covered under the module "Anemia prevention and hand washing" out of total population - 765 840 residing in 60 pilot AAs,

1. Adolescent girls-13 520;
2. Women of reproductive age - 28471;
3. Children under 5 years old -34 341.

The coverage of beneficiaries for the Q-1, 2020 under the module Anemia prevention and hand washing" is out of 35% beneficiaries who residing in 60 pilot AA-28%.

Food supplements provision.

The world Bank approved the purchase of iron preparation for children and women residing in 60 pilot AAs and started the procurement process through the UNICEF purchasing department:

- 1) IFA for pregnant women, teenage girls and women of reproductive age;
- 2) Vitamin mineral supplements with iron for children 6-24 months.

This purchase will provide 115 000 women of target project beneficiaries, the residents of pilot AAs (hereinafter AA), of which 20 000- pregnant women, 15 000 - adolescent girls, 80 000- woman of reproductive age; vitamin and mineral supplement with iron for children 6-24 months of age will provide 30 000 target beneficiaries, children under 2 years. The IFA for anemia prevention in women, according to the Order of MoH KR # 1029 as of November 5, 2019, has approved and entered in the special list of drugs permitted to be imported without state registration, as part of the National List of Vital and Essential Drugs and Medical devices, approved by KR Government Decree #374 as of 6.06.2018, due to the fact that on the territory of the Republic there is no IFA in the dosage recommended for the anemia prevention KR/CP, IDA (MoH KR order # 392 as of 8.07.2015, #167, dated March 5, 2016), KP "Prenatal and postnatal assistance" (order of MoH KR # 243 as of 04.04.2018) block-diagram of "Healthy children supervision (under 18 years old) at the level of primary health care" (order of MoH KR # 33 as of 23.01.2019).

Taking into account the high prevalence of iron-deficiency anemia among the population (37,8% - pregnant women and 34.2% - WRA, 42.6% - children), latent iron deficiency (41% of women), folate deficiency (42% of non-pregnant women); low level of supplementation in children and pregnant women; based on the resolution of the round table "Issues of anemia prevention in children and women", held on December 3, 2019, with the participation of the working group and development partners, the APNIP recommended the purchase of iron with folic acid for adolescent girls, pregnant women, and women of reproductive age; for children of 6-24 months, make a purchase of vitamin and mineral supplements with iron, since taking children's iron drops or iron syrup presents difficulties in calculating the dose for parents, an open bottle loses its effectiveness with the passage of short time; it has a high cost, a high risk of overdose of the drug due to the lack of proper skills for measuring the necessary dose in mothers and a measuring spoon.

On this assumption, these purchases are recommended to be made through UNICEF, since there is a verified suppliers list, the drugs with appropriate certification, a reasonable price and the optimal dosage.

The State Water Resources Agency under the Government of the Kyrgyz Republic sent a letter to the MoH KR as of 18.03.2020, requesting the following:

- assisting and inclusion in List of Vital and Essential Drugs vitamin-mineral iron supplementation for 6-24 months;

- the permission to include in the special drugs list permitted to be imported without state registration of vitamin and mineral supplement with iron for children 6- 24 months, given the high level of IDA in children (42,6%), and also on the basis of normative documents of the MoH to prevent anemia- KR/CP, IDA (MoH KR order №392 as of 8.07.2015 G., #167, as of March 5, 2016), CP "Prenatal and postnatal assistance" (MoH KR order # 243 as of 04.04.2018), the Block diagram of "Healthy children observation 0-18 years old at primary health care level" (MoH KR order # 33 as of 23.01.2019);
- relief from customs duty; (duty free)
- provision of storage and distribution through primary health care organizations (regional and rayon Family Practice Centers) of vitamin and mineral supplements with iron for children from 6 to 24 months, iron preparation with folic acid for women, adolescent girls and women of reproductive age, target beneficiaries of the project.

Awareness-raising campaign activities.

- 1 Replicating of new PIU IEM (cards, brochures, posters, leaflets etc.) which will be distributed among trained health care workers and beneficiaries of the component;
- 2 Round table "Review and planning of development of new information and educational videos on nutrition of children, adolescent girls and women»;
- 3 Holding a round table on the theme "Improving the health of children and women through proper nutrition" in Osh, Jalal-Abad, Batken and Chui oblasts in order to achieve the development of the project through informing and involving key persons of local authorities, activists of VHC, and health care workers of pilot AAs;
- 4 The videos on the following topics were prepared:
 - "Anemia free children",
 - "Dear Teenage girls - your beauty and health are in your hands!",
 - "Protect yourself and your baby from anemia during pregnancy!"
- 5 Participation in regional TV programs on nutrition and anemia prevention in children and women;
- 6 Conducting a competition among pilot AA households and selecting households for the title of "Best project household";
- 7 Publishing information about project events in social networks (Instagram, Facebook, PIU website);
8. Work on the mobile application "Salamat " with the Agahan Foundation.





Plans and problems.

- Difficulties in collecting an analysis of the validity of forms of nutrition and anemia counseling by health professionals.
- Registering the counseling mothers with children under 2 years old, 2 -5 years old, pregnant, breastfeeding women and adolescent girls, in forms developed by project, with subsequent delivery to the project for analysis and mentors.
- To improve the quality of service delivery, IYCF trainings for all health workers of neighboring AA (which not under the project), the on-the-job training will be conducted with following supervising and assessing the knowledge of health workers.
- Training mentors for follow-up and mentoring on nutrition and anemia prevention programs.

- Providing practical assistance in the registration of medical documentation, conduct an internal audit of forms #112 on the IYCF and medical cards of pregnant women.
- To search for the possibility of providing FMC/FDGs with equipment for demonstrating videos on IYCF to the visitors.
- To arrange broadcasting on local TV channels on issues of breastfeeding, proper nutrition and prevention of anemia.
- The regular publication on nutrition and anemia in the local mass media in each oblast.

Recommendations and proposals

- Jointly with the MHKR to find resolutions on the responsibility of local health organizations for the collection and transfer of forms filled out by health workers during outpatient appointments, to take into account the number of consultants on the CDH, nutrition and anemia issues.
- To accelerate the procurement and subsequent free distribution of iron and folic acid preparations for the prevention of anemia in adolescent girls, pregnant and breastfeeding women in pilot and neighboring AA.
- To initiate TOT on tools and techniques, for preparation of mentoring visits, as part of the follow-up, trained healthcare workers to invite key persons as participants, from the FMC and FGP serving the targeted and neighboring AAs.

Subcomponent 3.3. Improved household nutrition through domestic gardening.

This subcomponent will primarily target the most vulnerable walks of life to improve year-round household nutrition and dietary consumption from domestic gardens. The Project will finance: (i) identification of the most vulnerable and interested households; (ii) participatory rapid assessment (PRA) of problems, needs and interests of households and options for household plot improvement; (iii) establishment of women's SHG's public seed fund (PSD) where they do not exist; (iv) a detailed technical assessment of current agronomic and production practices on household plots, including soil testing; (v) technical advisory services for individual households, including development of household plot production guidelines and demonstration materials, and household demonstration plots; (vi) a fund for basic equipment.

1. **Social mobilization.** For 2020, by the PF ADI (Public Fund Agency of Development Initiative) for social mobilization 369 SHGs were formed from total number - 2754 mobilized farmers, of which 2488 -women. In the southern region, 777 farmers from Osh and Batken oblasts under the Project, and 1977 farmers from the Chui, Naryn and Issyk-Kul oblasts under the Project. Since January, by information meetings and orientation trainings for rural activists have been held PF ADI in areas where rural activists have gained knowledge about methods and approaches to social mobilization, planning and reporting, etc.

Request collection from SHG members of 3rd batch, seeds and small sized equipment demands analysis. Technical specifications of the seeds of the requested crops have been compiled and an application for seeds has been submitted to the PIU. Communication is underway with the training component of the project, they presented data on the SHG for planning the training program in 2020. on 21.01.2020, the staff of the PIU took part in a coordination meeting of regional coordinators of the PF ADI, discussed the issues of reporting groups on project indicators, the process of delivery and transfer of IGO.

2. **Trainings.** PF TAIC and AAS Jalal-Aabad Training companies held a ToT for trainers in March. Data on SHG members and procured seeds processed; The first informational meetings were held with the SHG members of each region; training groups were formed according to the seeds received from the project; training plans and schedules have been developed; information and training materials for trainings are being prepared.

In the southern region, trainers of AAS Jalal Abad in March conducted training on the module IPM-1 (1-training on integrated production management), this training includes topics on soil preparation, seedling preparation, sowing. IPM-2 trainings are planned from the beginning of April. However, in connection with the COVID-19 emergency situation, the recommendation of the MoH KR on the postponement of mass events, and social distance, training companies were recommended to review the training plans. AAS in Jalal Abad, in remote mode, developed a plan to shoot and distribute a series of video classes on IPM-2 for the transition to remote training of SHG members in the southern region. The videos are viewed in the PIU and PF the ADI, after the meeting and discussion quickly being added, we're testing a TV presentation training material to create training groups Whatsapp and YouTube. IPM-2 training in the South is scheduled for 10.04.2020. The company's trainers were mobilized, and the selection of demo plots among farmers- by SHG members in the remote mode. Similar work is being done by the PF TAIC training SHG of the Northern region.

3. **Purchase of certified seeds.** The PIU management reviewed and approved the application of PF ADI the requested list of seeds of vegetable and grain forage crops. 21.01.20 the opening of bidding proposals. Contracts with the winners of the tender - for vegetable seeds: Tomatoes, cucumbers, bell pepper, carrots, sweet beet, white cabbage - with IPM. Raimbekov, for spring barley-with ZOA "Eldan Atalyk" concluded 12.02.20. According to the project requirements, a contract was signed with DASI (Department for Agricrops Seeds Inductry) of the MAFPLI for laboratory analysis of the quality of seeds purchased by the project. From 14.02.20 to 03.03.2020 the selection of seeds samples of vegetable and grains for a full analysis of seed quality to nominated staff of DASI. The analysis results are provided in the PIU on 28.02.2020, 02.03.2020, 17.03.2020. Spring barley seeds were delivered to the Chui and Naryn oblasts with sampling by specialists of the rayon offices of DEAC for re-analysis from each batch delivered to the appropriate rayon of the oblast, at the location of the SHG. Results of repeated analyses obtained by the PIU. Spring barley seeds were delivered to the members of the SHG on time. Vegetable seeds were also delivered to the SHG of the southern region on time, in the SHG of the Batken oblasts, farmers received the first seedlings. According to the results of laboratory analysis, all seeds purchased by the project meet the quality requirements, with the exception of table beet seeds, which showed less than 80% germination. Unfortunately, beet seeds were excluded from the list of purchased seeds for SHGs 2020. As a result, the project purchased only 2020 kg of vegetable seeds with a total cost of KGS 3 334 180, and 65 750 kg of spring barley seeds with a total cost of KGS 1 520 925.

4. **Purchase of small size-equipment.** In 2020, small-sized equipment will be presented to SHG members 2-3-streams of the project. The work on collecting applications, analyzing and evaluating them started in December 2019. In January 2020, PF ADI has submitted to the PIU an application and technical specifications for the first batch of purchased small-sized equipment:

- drip irrigation systems (0,03 ha without water tank) -561 units;
- Plastic tunnel for seedlings – 2087 units;

- Plastic tunnel (greenhouses) (32 KVM) with polycarbonate film – 10 units;
- Plastic tunnel (greenhouses) (32 KVM) with polycarbonate film – 43 units;

The opening of bids was held on 18.02.2020, and the contract with the winning company was signed on 06.03.2020. The delivery of equipment by the company was planned for the end of March, 2020. The supplier started manufacturing tunnel greenhouses after signing the contract. However, due to an emergency in the Republic, the plan for the delivery of small sized equipment to the rayons needs to be reviewed with the supplier. Currently, the technical specifications for the second batch of small sized equipment purchases are being prepared by PF ADI. SHG members requested tillers, grain grinders, mowers, knapsack sprayers.

5. **WB mission.** From March 2 -12, 2020, WB mission work. During this period, the PIU organized a trip to the oblasts by the Mr. David Lugg the curator of the sub-component, accompanied by the coordinator and the national coordinator of PF ADI G. Sabyr. Workshops were held on progress and status of sub-component 3.3 with the GWP support specialist, meetings with the participation of facilitating companies, and with an expanded staff of the PIU on indicators and progress. Written and oral data and reports on the project status were provided.

Component 4. Project management

This Component will provide funding for staffing and the work of a small project implementation unit within the structure of the Department of Water Resources and Land Improvement, which will be responsible for the ongoing management, administration and coordination of the APNIP, including procurement and financial management.

The PIU office is located in Bishkek, in the building of DWRLI, at 4a Toktonaliev Street. The main PIU staff consists of 21 people.

The allocated funds for this component will cover the payment of consultancy services for the PIU specialists, auditing the project, payment for the M&E study, payment for other short-term local consultants, procurement of office equipment for PIU, as well as operating costs of PIU.

During the project implementation, 3 World Bank IDA Supervision Missions were conducted.

4.1 Public awareness on project activities

In order to inform and improve the awareness of all stakeholders on activities of the “Agricultural Productivity and Nutrition Improvement Project” (APNIP), it is planned to strengthen information

work on the following project components: (I) rehabilitation and modernization of drainage and irrigation infrastructure; (ii) agricultural advisory services; (iii) nutrition improvements.

In order to effectively inform stakeholders on activities of the Project, the communication strategy is developed as a tool through which all the information work of this project will be implemented. The main objectives of informing according to the communication strategy will be: I) strengthening the positive opinion on projects as socio-economic projects, contributing to the improvement of living standards of the population and strengthening of confidence among the population in their implementation; ii) providing an understanding of the need for repayment by recipients of technical loans for the rehabilitation of irrigation schemes;

iii) providing insight to decision-makers on the benefits of ongoing projects.

At the same time, the main message for public awareness remain the conditions created for the implementation of subprojects to improve the efficiency of water resources management, provision of irrigation services to water users, increase agricultural productivity and food security, as well as adequate nutrition for the rural population in certain areas nationwide that contributes to agricultural productivity and labor increase, food security, nutrition-food and rural life stability in rural areas.

During Q1- 2020, the public outreach campaign performed related to the Project activities, in particular for representatives of WUA RSU and WUAs themselves, regional VHC members, workers of health promotions sells (corner), FAP's workers of target AAs and project beneficiaries.

The communication and public relations specialist is constantly working to highlight the most important events held within the project components by posting information on the following sites: project website – <http://apnip.water.gov.kg>, website of the State Water Resources Agency under the Government of the Kyrgyz Republic (SWRAGKR) – <https://water.gov.kg> и [Facebook - fb.com/nwrmp.apnip](https://www.facebook.com/nwrmp.apnip).

For the Q-1, 2020, 18 articles were published on the project's website, 21 articles were published on the Facebook page, and 2 articles were published on the SWRA website.

In addition to articles, the project's website and Facebook page included: Documentary film "on food security of the Kyrgyz Republic" which reflects the results of the activities of the Ministry of agriculture, food industry and land improvement of the Kyrgyz Republic. The film was commissioned by the Ministry, as part of the APNIP project, with financial support from the Global program on agriculture and food security (GAFSP), which is administered by the world Bank. The film prepared in support of the State program on food security and nutrition for 2019-2023; the Video story in the "Health & beauty" TV show, Talas television on the measures to prevent anemia in children, pregnant women and women of childbearing age about proper nutrition, but also on activities under component 3 "Nutrition improvements"; a Video story on KTRK and ElTR channel on purchased small sized equipment. WUA "Umetaly" of Kemin rayon, Chui oblast in the framework of the APNIP project, funded by the GAFSP, the administrated by World Bank, purchased small-sized equipment with a grant of USD 30 000. This equipment will be used to increase the crop yield of WUA member- farmers.

During the reporting period, an article was published in the national newspaper "At the end of the week", under the headline "Water for agriculture" #7 dated January 24, 2020, and the following articles covering the activities of the project and its components were published in the state official newspaper "Erkin Too".

1. "Erkin Too" newspaper issue #7 (3079) dated January 24, 2020.

3. "Erkin Too" newspaper issue #29 (3101) dated March 20, 2020.



As part of component 3 "measures to improve the quality of food", 3 round tables were held on January 27, 2020 in Batken oblast, January 30, 2020 in Osh oblast and February 19, 2020 in Chui oblast on the topic: "Толук баалуу тамактануу аркылуу эне жана баланын ден соолугун колдоо" (in kyrgyz) "Support for the health of mothers and children through proper nutrition" with information support of local media (print and interviews on TV). The program "Den-sooluk" of Batken TV shows a video story about 1000 days of a child's life and the mother and child health protection day in the Kyrgyz language. A meeting was held with the heads of regional TV channels regarding cooperation and future plans.

During the reporting period, 3 videos were developed and filmed on the topics anemia in children, anemia in adolescent girls and anemia in pregnant women. These videos are posted on the project's website and page. They are being broadcast on regional and national TV channels free of charge.

During the reporting period was replicated IEM (books and manuals) component 3: nutrition and anemia prevention for the population and health workers of pilot AA APNIP project and printed materials of the PIU for lot #1 under contract APNIP/C. 3/G/S/05-11/L1 and made the labels and self adhesive stickers APNIP for lot #2 under contract APNIP/C. 3/G/S/05-11/L2.

In the table below the list of printed matireals and q-ty.

№	Наименование товара	Язык	Общее количество
Лот 1			
1.	Брошюра «Прикорм»	Кыргызский язык	50000
		Русский язык	5000
2.	Буклет «Предупреждение анемии»	Кыргызский язык	50000
		Русский язык	5000
3.	Буклет «Исключительно грудное вскармливание»	Кыргызский язык	50000
4.	Плакат «Разнообразное питание»	Кыргызский язык	10000
		Русский язык	2000
5.	Календарь квартальный (Трёхязычный) АРНИР	Кыргызско-русский язык	1000
6.	Перекидной настольный календарь АРНИР	Кыргызско-русский язык	500
7.	Методические указания по управлению, эксплуатации и техническому обслуживанию внутрихозяйственных ирригационных и дренажных систем АВП	Русский язык	200
8.	Руководство для фасилитаторов	Русский язык	200
9.	Распечатка приказа МЗ КР с блок схемой по наблюдению за здоровьем детей	Русский язык	1000
10.	Распечатка 80 штук фотографий овощей, фруктов и продуктов питания	Русско-кыргызский язык	30
Лот 2			
№	Наименование товара	Язык	Общее количество
1.	Табличка с надписью «АРНИРтин үлгүлүү үйү»	Кыргызский язык	500
2.	Самоклейки АРНИР для оборудования, орг. техники, мебели и др.	Английский язык	1200

Due to the epidemiological situation of COVID-19 in the world and the Kyrgyz Republic, the released materials were not delivered to the oblasts. They will be delivered to their destination after the emergency restrictions are lifted.

Feedback with Project beneficiaries

The ongoing project implementation activities have close feedback with key beneficiaries. In particular, the PIU receives positive feedback from beneficiaries about the workshops, training courses, public hearings, informing and awareness of stakeholders through published articles in magazines, booklets, information posters and websites and Facebook page. Similar activities carried out by the project are positively reflected in the activity of water user associations in the issues of water use, operation and maintenance of the irrigation infrastructure, health rural comities and other areas of activity. In addition, the beneficiaries actively use the rich experience in the exchange of knowledge when visiting WUAs of other regions. They receive the information necessary for daily activities by means of printed products ("Vestnik vodnogo khozyaistva"), booklets, information posters and other products produced by PIU. Moreover, they receive a lot of information, through the information material posted on the Project websites, SWRA Facebook page. All these activities are positively reflected in the work of water users' associations of the country and other targeted organizations of the project.

4.2 Social aspects in Project's activities

The social aspect of the Project is one of the important area, where the Project will strengthen the emphasis on gender, conflict awareness and social sustainability within each component.

The social responsibility of the Project relies upon the inclusion of women, the unemployed and persons with disabilities, who are at greater risk of accessing information, inclusion in the list of beneficiaries and providing of opportunities for participation in public labors.

The main directions of the Project in terms of social development include: the implementation of the World Bank Policy OP 4.12 "Forced Resettlement", the Grievance Redress Mechanism (GRM), gender and conflict awareness, the increased involvement of citizens in the project.

Grievance redress mechanism (GRM):

Problems and risks of the project can lead to grievances, so to ensure quick review, analysis and response to grievances and appeals received from communities or others, the Project appointed a communications and public relations specialist who is responsible for social safeguards, in particular for the organization and coordination of the GRM process, including monitoring the filing and review of grievances, the development of documents on the feedback of beneficiaries with grievances and letters, as well as for overseeing the implementation of the policy/PDP.

The integrated GRM at the Project level was established prior to the project start, and the GRM mechanisms were developed under the OIP-2, which also applies to APNIP. The manuals and modes of operation of the mechanism are described in detail in APNIP "Forced Resettlement".

In order to increase the efficiency and effectiveness of the GRM", and, in accordance with the recommendation, in the World Bank's Aide Memoire, the PIU maintains a register of grievances received and appeals and responses to them.

All requests and complaints when received are registered in the PIU register book of requests and complaints, with the assignment of a serial number, indicating the date of receipt, the addressee's full name, the type of issues raised and who was unsubscribed the letter for execution.

For the Q-1, 2020, the PIU received 2 complaints:

1. Complaint № 37 dated March 10, 2020 from a resident of the Katran village, Leylek raton, Batken oblast, A. O. Ashirbayev, concerning the allocation of land for the construction of a canal in the WUA "Kyrk-Bulak". The PIU specialists, together with representatives of the WUA and AA, clarified the boundaries of the applicant's land plot and drew up a Protocol on the spot. The issue related to the allotment of land from the applicant was resolved on the spot.
2. Complaint # 38 dated March 23, 2020 from the Director of the WUA "Tasma-Karanar", AK-Suu rayon of Issyk-Kul oblast regarding the work of the hired agricultural consultant. Letter ref# 277 dated April 2, 2020 was sent to the addressee.

There were no other appeals and complaints regarding this project. However, there is a constant monitoring of received appeals and complaints to the PIU.

In addition, when conducting public hearings to disclose information about the social and environmental impact of the project on the environment and on the population, the hearing participants are given detailed information about the complaint mechanism and that the WUA has established logs for public appeals. The Minutes of Public hearings of EMPs are available on the Project website, (<http://apnip.water.gov.kg>) in «**Public consultations**» section.

Public hearings on social issues were not held during the reporting period.

In Q-1 2020, during the mid-term review mission of the world Bank, the mission visited some target WUAs in the southern and Northern regions of the project. In the southern region, the

mission visited WUA “Kurtash”, Aravan rayon, Osh oblast, WUA “Kyrk-Bulak”, Leylek rayon, Batken oblast, WUA “Kurshab-Arzybek”, Uzgen rayon, Osh oblast, WUA “Obi-Haet”, Bazar-Korgon rayon, Jalal-Abad oblast, as well as WUA in the Northern region as WUA “Kara-Kungoi Ukok Suu”, Kochkor rayon, Naryn oblast and WUA “Umetaly”, Kemin rayon, Chui oblast areas.

For the WUA "Kyrk-Bulak", Leylek rayon, Batken oblast, it was recommended to draw up a detailed action plan for the allocation of land from farmers, which will reflect detailed information about rehabilitated canals, types of work, the number of farmers-water users affected by the project, the status of land affected by the project, private land shares and PAP land, the size and HMs (picket) of the allocated land plots, etc.

In addition, it was instructed to suspend rehabilitation work on pickets HM7+54 to HM34+40 with a length of 2686 meters until clarification of the circumstances on farmers' land issues.

For the remaining WUAs, the world Bank mission members were recommended to place an updated GRM (complaint handling matrix) on the project's stands, indicating the contact details of the WUA, and to work closely with the WUA management to manage received complaints and complaints related to the project's activities.

According to the results of the mission, the project management has sent employees of the PIU: Deputy Director, Engineering Coordinator for North, a lawyer and expert on social issues in WUA "Kyrk-Bulak" for implementation of the recommendations of the mission of the world Bank.

During the period from March 17 to March 20, 2020, PIU staff conducted a detailed assessment to identify land/plots that may be affected by the project. The assessment was conducted jointly with the Director, Chairman, land specialist of the WUA, zonal representatives and members of the WUA, deputies, as well as the head of the Katran AA.

During the assessment, the type and nature of potential impacts associated with the project activities were clarified on-site. There was a meeting of all interested parties, where each representative of the WUA and expressed their views.

2 tables were completed during the field assessment: 1 Results of social due diligence of WUA "Kyrk-Bulak" for the 1st component; 2. List of impacts (actual and potential).

Based on the assessment, 10 additional PAPs were identified to 5 previous PAPs who voluntarily transfer their agricultural land plots for free (there is a list of 10 paps and applications for voluntary transfer of land to WUAs). During the trip to Batken oblast, it was not possible to specify the size of land plots of 5 previous owners. In this regard, the PIU asked the WUA Director to clarify their land plots and provide data to the PIU after the situation related to the spread of coronavirus infection in the Republic has improved.

4.3 Procurements

Component 4: Project management.

Procurements

1. Total progress.

- Technical Supervision Engineer, rehabilitation of WUA "Khoja-Aryk" irrigation system, Nookat rayon, Osh oblast;
- Technical Supervision Engineer, Rehabilitation of WUA "Talaa-Bulak" irrigation system, Aktala rayon, Naryn oblast;
- Technical Supervision Engineer, Rehabilitation of WUA "Ten-Alysh" irrigation system, Kara-Kulja rayon, Osh oblast.

- Rehabilitation of WUA “Ten-Alysh” irrigation system, Kara-Kulja rayon, Osh oblast
- Technical Supervision Engineer, Rehabilitation of WUA "Khoja-Aryk" irrigation system, Nookat rayon, Osh oblast;
- Rehabilitation of WUA "Talaa-Bulak" irrigation system, Aktala rayon, Naryn oblast.
- Procurement of informational materials - Replicating of ready made IEM (books and manuals).
- The procurement of plastic tunnels and irrigation dripping system.
- The procurement of vegetable and grain crops seeds.
- Selection of Regional engineering coordinator (north)
- Selection of WUA Agricultural Development Specialist
- Selection of agricultural economist
- Selection of nutrition improvement specialist
- Data entry to STEP program
- Updating the Procurement plan
- Addition to company contracts for goods and consulting services
- Preparation of agreed Labor contracts for PIU employees.
- Work on small grants.

2. Best practices and examples, lessons learned.

Component 1: Rehabilitation and Modernization of Irrigation and Drainage Infrastructure (US\$ 28.0 million).

- Re(construction) of WUA “Mol-Bulak” irrigation system, - Kara-Kuldja rayon, Osh oblast № APNIP/C.1/CW/NCB/23. NCB procurement method (national competitive bidding). Announcement of December 4, 2019 was published in the newspaper “Slovo Kyrgyzstana”, the deadline for submission of proposals was Thursday, January 09, 2020. By the proposals submission deadline - 2 proposals submitted. The contract was signed with “Brick” LLC on March 20, 2019, for the amount of KGS 39 310 144,00.
- Rehabilitation (major repair) of WUA “Hodja-Aryk” irrigation system, Nookat rayon, Osh oblast № APNIP/C.1/CW/NCB/24. The announcement of January 7, 2020 was published in the “Slovo Kyrgyzstana” newspaper, the deadline for proposals submission was February 28, 2020. As of the final date of submission of proposals, 7 proposals were submitted. It is at the stage of evaluating bids.
- Rehabilitation of WUA “Talaa-Bulak” irrigation system, Ak-Talaa rayon, Naryn oblast № APNIP/C.1/CW/NCB/21. The announcement of February 14, 2020 was published in the newspaper “Slovo Kyrgyzstana”, the deadline for submission of proposals was March 13, 2020. As of the final date of submission of proposals, 6 proposals were submitted. It is at the stage of evaluating bids.

- Technical Supervision Engineer for construction of rehabilitation of WUA “Ten-Alysh” irrigation system, Kara-Kuldja rayon, Osh oblast, № APNIP/C.1/CS/ IC/ 44. IC selection method (individual consultant) The bidding commission decision to award a contract to: Ibraim M.K. Contract amount KGS 1 152 000,00.
- Regional Engineering Coordinator for north № APNIP/OC/CS/IC/17. IC selection method (individual consultant) The bidding commission decision to award a contract to B. Usenov Contract amount -KGS 748 200,00.
- Technical Supervision Engineer for construction of WUA, Rehabilitation of WUA "Hodja-Aryk" irrigation system, Nookat rayon, Osh oblast, № APNIP/C.1/CS/ IC/ 45. IC selection method (individual consultant) Currently at the selection stage.
- Technical Supervision Engineer for construction of WUA “Talaa-Bulak" irrigation system, Akalaa rayon, Naryn oblast, APNIP/C.1/CS/ IC/ 42. IC selection method (individual consultant) Currently at the selection stage.

Component 2: Agricultural consulting services (US\$ 3.5 million).

- Agriculture Development Specialist in WUA № APNIP/C.4/CS/IC/80-1. IC selection method (individual consultant) The bidding commission decision to award a contract to Y. Orozalieva Contract amount - KGS 781 200,00
- Agriculture Development Specialist in WUA № APNIP/C.4/CS/IC/90-1. Selection method (direct selection). Contract awarded to M. Torobekov Contract amount - KGS 716 100,00.

Component 3: Nutrition Improvements (US\$ 4.6 million).

- **Seeds purchase of vegetable and grain-crops-APNIP/C.3/G/S/04-3/RT1;**

Selection method - Shopping. The contracts signed with following companies:

- vegetable seeds delivery (tomatoes, cucumbers, white cabbage, bell pepper, carrots, onions, red beets) - IE Uran Raimbekov in the amount of KGS 3 565 180, 00
- Delivery of grain seeds (barley) - “APK Eldan Atalyk” LLC in the amount of KGS2 1 520 925,00.

- **Purchase of small size-equipment for SHG (dripping irrigation system and plastic tunnels) APNIP/C.3/G/S/03-4**

Selection method - Shopping. The contract signed with “Narke LTD” LLC, amounted in KGS 13 829 595,00.

- **Selection of companies for the tender "Replication of ready-made information and educational materials (books and manuals) » APNIP/C.3/G/S/05-11**

Selection method - Shopping. The contracts signed with following companies:

- Лот №1 - “Kirland” LLC at the amount of KGS 1 350 130,00;
- Лот №2 - “Airis Press” LLC at the amount of KGS 84 000,00.

- **Nutrition improvement specialist № APNIP/OC/CS/IC/10-1.**

IC selection method (individual consultant) The tender commission decided to award the contract to Ch. Karypbekova Contract amount - KGS 613 800,00

Component 4. Project management (total cost US\$ 1.9 million).

- **Agricultural economist № APNIP/OC/CS/IC/28.** IC selection method (individual consultant) The bidding commission decided to award the contract to Davletaliev B. Contract amount -KGS 613 800,00

3. Problems and upcoming issues.

Poor quality of tender documents by suppliers which makes it much more difficult to evaluate and further contract monitoring. Delays in design engineers work (delay in the DED preparation) which leads to delays in the works procurement.

4. Recommendations and proposals.

To conduct training for Tender board on tender proposal evaluation by Procurement department.

5. Plan for the next Quarter

- Construction works procurement, as the DED is prepared
- Selection of construction engineer
- The selection of goods Suppliers (company) under component -3

4.4 Legal aspects

In order to ensure that WUAs and UWUAs repay the loans re-credited by the Government of the Kyrgyz Republic under the “Agricultural Productivity and Nutrition Improvement Project” in accordance with KR Government Decree # 649, as of 5.10 2017, drafts of Additional Agreements to Credit Return Agreement have been elaborated and agreed with with the State Budget Management Agency (SBMA) under MoF KR.

In Q-1, 2020, 15 additional agreements to the credit agreement for technical crediting, 4 credit agreements for financing construction works, and 2 suretyship contracts with the heads of local self-government bodies were signed. When signing the contracts, the WUAs management was informed about the credit repayment mechanism, in accordance with Resolution № 649, as of 5.10 2017.

The list below introduces the credit contracts and agreements were signed under the Project:

- ✓ Rehabilitation works- 21;
- ✓ additional agreement on rehabilitation works -1;
- ✓ Technical credits – 32;
- ✓ additional agreement on technical credit – 28;
- ✓ Surety agreements – 19.

All stressed above agreements/contracts were sent to SBMA MoF KR for further administration.

STATUS OF AGREED ACTIONS (REFLECTED IN AIDE MEMOIRE OF THE ISM JUNE 10-20, 2019 APNIP)

AS OF DECEMBER march 31, 2020

	Activities	Performance status/Remarks	Responsible	Due date
	Component 1.			
1	Review outstanding activities and prepare implementation plan for 2019.	<p>The rehabilitation program includes 30 WUAs, currently of which: in 16 rehabilitation works are carried out, in 3 WUAs rehabilitation works are completed. A contract was awarded to WUA Ten-Alysh, tenders were announced to WUAs: Khoja-Aryk and Talaa-Bulak. Detailed design is carried out for 6 WUAs. On WUA "Aliya-Orositel", in Q-1, 2020 on-farm WUA canals were inspected on the basis of which the Deficiency Act is drawn up. Also, in the Q-1, 2020, the selection of WUA "Sohil" of the southern region for rehabilitation works.</p> <p>On 6 pilot systems: The rehabilitation works have been completed in the following 4 pilot systems: BTK, Sovkhozny, Komsomolsky, Levaya Magistral, and rehabilitation works are being carried out in 2 other pilot systems (AAKB, Kozho-Kaiyr).</p>	PIU	Tuesday, July 30, 2019
2	To develop a revised work plan for WUAs, in oblasts where progress is less than in the original schedule.	Calendar schedules were revised for WUAs: "SHM", "Tasma-Karanar", "Belsovkhoz O" - lot №1, "Toktomush", "Kyrk-Bulak".	PIU, Contractors	Tuesday, July 30, 2019
3	Speed up engineering surveys and studies for remaining WUAs.	By the end of 2019, design estimate documentation (DED) for the "Khoja-Aryk", "Tilla-Suu" WUAs has been prepared.	PIU	October 30, 2019
4	Speed up the study of the remaining objects and choose a replacement for the dropped-out objects (Zhylaldy Uzgen, Bolkulduk and Kara Bura), design and bidding	carrying out the detailed design on WUA "AK-Marcha", "SHAB" and "Sary-Tor".	PIU	October 2019

	Activities	Performance status/Remarks	Responsible	Due date
5	To start the implementation of the 300 water measurement structures	According to preliminary negotiations with the members of WB mission in 2018, the decision was taken to cancel the installation of water metering structures due to low workload, and inability to find a Contractor for these workloads.	PIU	Friday, August 30, 2019
Component 2.				
A.	Agricultural Development Plans			
6	To finalize monitoring tool for ADPs	The tool was developed and approved by the World Bank, as of 04.07.2019.	PIU	Sunday, June 30, 2019
7	To provide complete list of WUAs - both project WUAs and neighboring WUAs - to FOs	On March 26, 2019 the list of target WUAs was sent to all FOs. And on 15.05.2019 - the list including neighboring WUAs was submitted to FOs.	PIU	Wednesday, July 10, 2019
8	Annexes for equipment usage for first group of WUA.	Documents on O&M of agricultural machinery and equipment have been developed and approved by the World Bank, and for remaining WUAs by DWRLY Commission under ADP approval.	FO	Wednesday, July 10, 2019
9	To finalize Annexes of Revolving Seed and Fertilizer Funds for first batch of WUAs	The mechanism of Revolving Seed and Fertilizer fund has been developed and is a ADP Annex for all WUAs.	FO	Wednesday, July 10, 2019
10	To complete cash contribution arrangements for the first batch of WUAs	The cash contribution arrangements were completed for 15 WUAs.	WUA/FO	Wednesday, July 10, 2019
11	To sign grant agreements for WUAs with finalized ADPs	24 grant agreements were signed with 24 WUAs.	WUA/PIU	Tuesday, July 30, 2019
12	To designate PIU Procurement Officer to work with WUAs on small grants	PIU Procurement Specialist was selected, who will be in charge of procurement procedure for small grants.	PIU	Wednesday, July 10, 2019
13	To start program of regular WUA monitoring by PIU staff and hold monthly coordination meetings	The ongoing monitoring of WUAs, including on-site visits. Coordinative meetings will be held on a regular basis.	PIU/FO/WUA	Monday, July 15, 2019
14	Initiate the purchase of seeds, fertilizers, agricultural equipment, etc. for WUAs	It is initiated jointly with WUA working groups and facilitating organizations (DCLM and CAIC), submitted to the WUA General Meeting and approved.	PIU/WUA/FO	Friday, August 30, 2019
15	To initiate contract prolongations for FO	Based on the results of the coordinative meetings dated 30.07.2019, 12-13.11.2019 and the proposals received, alternative	PIU/FO	Monday, September 30, 2019

	Activities	Performance status/Remarks	Responsible	Due date
		way was found: to hire two ADP specialists (north-south) with developed ToRs for them and approval by WB. The contract with a north specialist was signed on 08.01.2020, and an contract with south specialist was signed in February of 2020.		
16	To conduct workshop devoted to lessons learned	The workshop was held on 28.11.2019 with the participation of the international consultant S. Martinov, representatives of the target WUAs, FO government bodies, and WB.	PIU	Wednesday, October 30, 2019
B.	On-Farm Demonstration Program			
17	To initiate contract prolongation for Implementing Organization	This issue is under consideration and study. Soon to be resolved.	PIU/TAIC	Monday, September 30, 2019
Subcomponent 3.3				
18	To provide complete list of WUAs under the project and neighboring WUAs - to SMO and TOs.	A complete list of WUAs under the project and neighboring WUAs, submitted to SMO and TOs.	PIU	Wednesday, July 10, 2019
19	To start program of regular monitoring of WUAs by PIU staff and hold monthly coordination meetings	The ongoing monitoring of WUAs, including on-site visits. Coordination meetings are held on a regular basis.	PIU/FO/WUA	Monday, July 15, 2019
20	To summarize training survey data and soil survey information for Bank	Soil analyzes are carried out at WUA farmers' lands for the presence of NPK, soil structure, and moisture capacity. Dynamic data track before and after the harvest. Integrated data are used in the training of SHG member as teaching aids. However, in view of the importance of knowledge of soil properties as a basis for development, it is proposed to hire a competent organization to train farmers in the rules of agrochemical soil inspection, selective collection and analysis of soil samples, and compiling agrochemical maps of field plots.	PIU	Tuesday, July 30, 2019
21	To complete the procurement of small-sized equipment for SHG 2018.	in 2018 SHG was provided with small-sized equipment. At the SHG level a tunnel greenhouse with a polycarbonate coating - 4 pcs., a tunnel greenhouse with a polyethylene coating - 7 pcs., an electric drying stove - 85 pcs. At household level: drip irrigation	PIU	Friday, August 30, 2019

	Activities	Performance status/Remarks	Responsible	Due date
		system - 533 pcs., individual greenhouse - 1568 pcs.		
22	To start the procurement of small-sized equipment for SHG 2019.	The 3rd batch of SHG mobilization has began. Upon completion of new SHG, the members of 2nd and 3rd batches will identify their needs (number and types of equipment). Processing of applications, monitoring of the market, prices and further formation of technical specifications for each type of equipment is carried out in the November-December. To establish technical specifications for small sized equipment in January 2020. Procurement - planned in March 2020	PIU	Friday, August 30, 2019
23	To initiate contract prolongations for SMO	To return to this issue following the results of the completion of work and contracts - AIR 31.01.2021, TAIC 23.03.202, AAS Jalal-Abad 26.03.2021	PIU	Monday, September 30, 2019