

2017

THE KYRGYZ REPUBLIC
Ministry of Agriculture, Food processing and Land Improvement
Department of Water Resources and Land Improvement
Project Progress Report № 2: implementation of
“Agricultural Productivity and Nutrition Improvement”
2nd quarter 2017
Project Grant: GAFSP TF0A0645





Kyrgyz Republic

**Ministry of Agriculture, Food Industry
and Land Improvement**

Department of Water Resources and Land Improvement

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

Project Progress Report No. 2

Quarter II, 2017

PIU Director

Beishekeev K.K.

July 2017

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

AGRICULTURE PRODUCTIVITY AND NUTRITION IMPROVEMENT PROJECT

Total Project Cost:	USD 38,00 mln.
Donor:	Global Agriculture and Food Security Program
Grant Amount:	USD 38,0 mln.
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:	July 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

The PDO level results indicators for the project are:

- (i) average percentage increase in crop production for WUAs (with completed I&D 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 services.

The total Project cost is USD 38,00 mln., from which the Grant amount makes USD 38, 00 mln.

The Project consists of 4 Components:

- (i) Rehabilitation and Modernization of I&D Infrastructure;
- (ii) Agricultural Consultancy Services;
- (iii) Scale-up nutrition interventions;
- (iv) Project Management.

The Project duration is 5 (five) years, starting from September 2016.

At present, the Project is selecting and mobilizing international and national specialists, and majority of works done within a short period of time for the following components.

Component 1: Rehabilitation and Modernization of Irrigation and Drainage Infrastructure.

This component finances:

- (i) civil works for the rehabilitation and modernization of the irrigation and drainage schemes with existing command area about 60,000 ha managed by approximately 30 WUAs and Unions of WUAs (UWUAs);
- (ii) provision of essential maintenance equipment to WUAs and UWUAs;
- (iii) rehabilitation of off-farm irrigation infrastructure, and water intake structures for around 300 WUAs for measurement of water delivered;
- (iv) limited rehabilitation works on critical off-farm I&D structures managed by the DWRLI.

Survey and status of WUAs selected for rehabilitation. Selection of WUAs for rehabilitation, the PIU staff specified the special rating for WUAs, in accordance with the World Bank criteria and based on following criteria:

- i) state of off-farm irrigation infrastructure,
- ii) general level of ISF collection,
- iii) annual WUAs budget in comparison with the average oblast indicators,
- iv) costs of repair works in WUAs budget,
- v) size of irrigated command area.

Since the onset of the Project, 56 WUAs were reviewed based on the WUAs database, of which a detailed survey conducted in 9 WUAs. The following is taken into account:

- Maximum score based on selection criteria;
- Existing border issues;
- Availability of water in the source;

- The list excludes WUAs, where irrigation carried out from wells or through water pump-station;
- Presence of complex technical problems and excessive unit costs.

As of June 1, 2017, 9 WUAs were researched and a form developed to introduce it to the IDA for revision and follow-up approval. Of which, 5 WUAs located in the north and 4 in the south of the country.

Name of WUAs	Oblast	Rayon
1. "Bereke S" WUA	Talas	Manas
2. "Kara-Bura" WUA	Talas	Kara-Bura
3. "Belsovkhov" WUA	Issyk-Kul	Jety-Oguz
4. "Toktomush" WUA	Naryn	Jumgal
5. "SKHM" WUA	Chui	Moskovskiy
6. "Gauyan" WUA	Batken	Kadamjay
7. "Taimonku" WUA	Jalalabad	Nooken
8. "Kur-Tash" WUA	Osh	Aravan
9. "Jylaldy-Uzgen" WUA	Osh	Uzgen

Engineering solution Design and Design Supervision

Design and survey activities and technical supervision of construction were carried out in the south by the Southern Design Group, in the north - by the Design Engineers.

The Projects were developed on the basis of perspective plans for each oblast and rayon, when WUA ready for rehabilitation works. If necessary, Oblast Rehabilitation Groups were assisted by specialists of oblast and rayon support units.

Since the Project onset, design works were completed for 9 WUAs.

Information on the design works status is given in Annex A, Tables 5 and 6.

10 Design Engineers were engaged into design development and estimates documentation for Project sites. Fully developed design and estimation documentations are the subject of revision by the Technical Council of respective Basin Administration of Water Resources in each Oblast and an independent technical expert. After the expert conclusion, the design multi copied and tenders for rehabilitation works announced.

WUA «Bolkuldok-Suu»

In accordance with the schedule of design works, a field survey of WUA "Bolkoldok-Suu" irrigation network was carried out, a preliminary defective act composed and scope of preliminary rehabilitation works determined, on the basis of which the Form #1, for IDA's perusal, was developed.

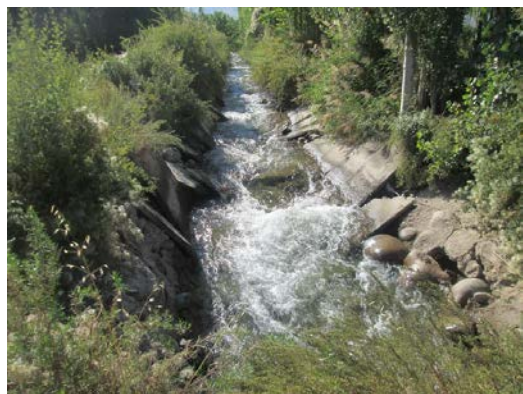
WUA "Bolkoldok-Suu" is located within the territory of ail aymak (AA) named after Berdike Baatyr of Talas oblast, 10 km away the Talas city, the service area of which is 1881 hectares.

WUA "Bolkoldok-Suu" takes in water from the off-farm canal Chon (Besh-Tash river system). The off-farm canal Chon is in good condition, lined with precast reinforced concrete L-shape blocks, water problems not registered. The length of canal 580 m, designed water flow 6.0 m³/sec, canal's suspended area 3230 hectares. The headwater intake structure of canal Chon that takes the water from the Besh-Tash river is in working order.

The WUA "Bolkoldok-Suu" on-farm system includes canal: Atagozu, Chon Aryk, X-1, X-1-1, X-1-2 and Kara-Dobo. The WUA irrigation system includes 1 Night Storage reservoir (NSR) with available storage 90,000 m³.

The total length of canals 53,7 km, from which 30 km in earth bed and 23.7 km in precast lined concrete. Service area 1881 ha.

In accordance with the Form No.1, to be submitted to the IDA, this subproject includes construction of 3 water outlets, 1 water separator, 1 bridge crossing and monolithic concrete lining of WUA on-farm canal outstretching for 1.6 km.



WUA "Bolkoldok-Suu" on-farm canal «Chon-Aryk»

WUA «Umetaly»

In accordance with the schedule of design works, a field survey of WUA "Umetaly" irrigation network was carried.

WUA's «Umetaly» location is within Almaly AA of Kemin rayon, Chu oblast. Serviced area 2175 ha.

WUA «Umetaly» takes in water from two off-farm “Chechey” and “Kalmak-Suu” canals. Off-farm canal “Chechey” is in good condition, whereas condition of Kalmak-Suu canal considered as very poor. Both canals are on the balance of Kemin RVK, both of them built in 1970, and lined with L-shape blocks. The total length of canal “Umetaly” 20.6 km and supplies water on WUA “Umetaly” irrigable lands, the tail end of which excessively degraded and L-shape blocks either disintegrated or overturned. Failed lining of the canal hinders water flow and results in sedimentation. Approximately 560 ha of command areas of the canal are not supplied with irrigation water. The Project envisions full replacement of failed L-shape blocks with new ones.

The total length of on-farm canals is 47.9 km, of which 18.85 km lined and 29 km in earth bed, built between 1966-1968. On-farm canals are in unsatisfactory condition, some parts of irrigated lands are gradually overgrown with reeds. And the reason of which is unsatisfactory condition of irrigation network, where excessive water losses are the matter of fact, resulting in either water shortage, or, in certain areas, inundation.

The Project provides reworking of degraded concrete lining, replacement of disintegrated L-shape blocks, installation of missing shutter-gates and rehabilitation the metal structures missing parts, restore destroyed hydro-technical structures (HTS (distribution facilities, pipe crossings, water outlets, etc.)) and concrete lining of earth bed canals.



WUA «Umetaly» on-farm canals

WUA «Bash-Keltebek»

In accordance with the design works schedule, in 2016 a field survey of the irrigation network of the WUA "Bash-Keltebek" was carried out.

In cooperation with the WUA "Bash-Keltebek" representatives, Kazybek AA's officials, oblasts's and rayon's WUAs support unit representatives, the head water intake facility on the Bash-Keltebek canal of the Bash-Keltebek river system, on-farm canals and NSRs were examined.

The irrigation system of WUA "Bash-Keltebek" abstracts the water from the river system Bashkeltebek, irrigation area of which is 1685 ha, as well as from the river system Chet-Keltebek, irrigation area 704 ha. The total number of WUA's lands 2389 hectares.

While examining the technical state of on-farm WUA "Bash-Keltebek" network, it was established that the canals are in unsatisfactory condition, require reconstruction and installation of necessary HTS.

The head water intake structure on the river Bash-Keltebek require reconditioning. The initial part of Bash-Keltebek canal is 2.7 km long, lined with L-shaped blocks. In some areas canal's floor disintegrated, in some other locations L-blocks compressed into ground and broken. The remaining part of canal, stretching out for 4 km, is covered with P-4 concrete slabs. More than 60% of the concrete slabs are destroyed and require replacement. NSR #1 is commanded by canal Bash-Keltebek and, at the moment, is out of order. There is necessity to repair the water outlet and increase the dam's height.

The Kytatark canal takes water from the Chet-Keltebek river system. There is no head sluice-regulator on canal Kytatark. At present, the water intake into the canal is carried out via temporary operating water-catching spurs from the soil. Spurs and dams of the canal that abstract the water are being seriously impacted by floods and, as matter of fact, there is necessity to build a head lock-regulator. Zhabyke Canal, located within Chet-Keltebek river system, commands two NSRs and both of them in non-operable condition, there are no water outlets, dams are destroyed, the water supply canals are lined of L-shaped blocks and all blocks are destroyed. It is necessary to restore the destroyed dams and water outlets.

Surveys and discussions resulted to a common opinion on the need for rehabilitation of on-farm canals and structures. After rehabilitation done, farmers will receive the required amount of water and, consequently, crop yields will increase. The planned rehabilitation activities will enable the canal's water flow within required amount, control water metering and ensure water distribution.

WUA «Tasma-Karanar»

In accordance with the schedule of works, a field survey of the Tasma-Karanar WUA irrigation network of was carried out, a defective act was composed and preliminary volumes of rehabilitation works were determined, on the basis of which the Form for IDA #1 is in the process

of development. In the second quarter of 2017, a detailed design was carried out, execution of which within 40% completion for the IDA Form # 2.

The service area of WUA Tasma-Karanar located within the territory of Karakol AA, Ak-Suu rayon of the Issyk-Kul Oblast. The territory is located in the eastern part of the Issyk-Kul basin, 25 km from the regional center of the city of Karakol, from the rayon's center Teploklyuchenka - 15 km. The nearest railway station "Balykchy" 250 km. Distance to Bishkek - 420 km.

Command area 1198 ha and fully irrigated, length of on-farm irrigation network 11.98 km, from which 4 km lined with concreted and 8 km earth bed.

Proposed rehabilitation facilities on the WUA "Tasma-Karanar" irrigation system

Hydro-technical structures:

structures	off-farm canals, number	on-farm canals, number
distribution structures	4	
water discharge	23	49
pipe crossing		16
hydropost	10	
conjugation structure		11
bridge	4	
TOTAL:	41	76

The project envisages following types of rehabilitation works

#	Name of the objects and types of rehabilitation works	measure unit	number
	earth works:	m ³	28023
	concrete lining works:	m ³	488
	prefabricated cast concrete:	m ³	1445



«Karakolskiy» on-farm canal



«Nizhniy Kunduy P-1-2» on-farm canal

Bulk water supply canal «Komsomolskiy»

In accordance with the schedule of works in the 2nd quarter of 2017, a survey was conducted and the design of part of Komsomolskiy off-farm canal system, for the installation of water-metering equipment (WME) was started.

The project provides for rehabilitation of outdated hydroposts with installation of WME - 6 units, construction of new hydroposts 9 units including installation of WME, mechanical cleaning of the existing off-farm drainage 6 km.



Off-farm collector K-1 HM62+00

*the main hydropost on bulk water supply canal
Komsomolskiy HM0+78*

WUA «Kur-Tash»

In accordance with the schedule of works, the development of working documentation and drawings of the subproject "Rehabilitation of the WUA" Kur-Tash irrigation system" in Aravan rayon, Osh oblast, was completed the Form #2 developed and to be submitted to IDA, which resulted in the permission to conduct a tender.

In accordance with the Form, to be submitted to IDA, No. 2, this subproject provides construction of 29 water outlets, 2 cross-structures, 1 protective dam, 2 guide walls, 4 hydroposts, 5 distribution wells, 7 turning and water cushion wells. In addition, it is planned to build 3 cross-bridges, 7 pipe crossings, 1 culvert, 3 aqueducts, 2 conjugations of a concrete section with earth bed canals, lining with monolithic concrete WUA irrigation network - 16.2 km.

Preparation of WUA's certification documentation (agreement on repayment of 25% of the rehabilitation loan, certificates of command areas, etc.) was completed, a meeting was held with the WUA "Kur-Tash" zonal representatives, who selected the final version of rehabilitation of WUA irrigation system and agreed on repayment of 25% of the rehabilitation credit.

At present, the working documentation and technical drawings of the subproject are under consideration by the State Expertise Department of the State Agency for Architecture, Construction and Housing and Communal Services, who will issue a decision on the compliance of the working documentation and drawings with the basic requirements of building codes and regulations.



Topographic imaging of WUA «Kur-Tash» on-farm canals

WUA «Jylaldy-Uzgen»

In accordance with the schedule of works, the development of working documentation and drawings of the subproject "Rehabilitation of the WUA "Jylaldy-Uzgen" irrigation system of Uzgen rayon, Osh oblast, was completed the Form #2 developed and to be submitted to IDA, which resulted in the permission to conduct a tender.

In accordance with the Form, to be submitted to IDA, No. 2, this subproject provides construction of 1 culvert, 2 head-works, 12 water discharges, 1 hydropost "fixed bed", 11 pipe-crossings, 1 distribution well, 2 water discharges, 2 transition sections and mechanized cleaning of WUA's 1.6 km irrigation network.

Preparation of WUA's certification documentation (agreement on repayment of 25% of the rehabilitation loan, certificates of command areas, etc.) was completed, a meeting was held with the WUA "Jylaldy-Uzgen" zonal representatives, who selected the final version of rehabilitation of WUA irrigation system and agreed on repayment of 25% of the rehabilitation credit.

At present, the working documentation and technical drawings of the subproject are under consideration by the State Expertise Department of the State Agency for Architecture, Construction and Housing and Communal Services, who will issue a decision on the compliance of the working documentation and drawings with the basic requirements of building codes and regulations.



Topographic imaging of WUA «Jylaldy-Uzgen» on-farm canals

WUA«Taimonku»

In accordance with the schedule of work and on the basis of topographic survey data in the current quarter, the development of working drawings and calculation of construction works volume of was carried out on:

On-farm canals Taimonku:

- Road's longitudinal profile from hundred-meter point (HM) 0+00 till HM 82+15
- Crossing profile from HM0+00 till HM82+15
- Road layout from HM0+00 till HM82+15
- Drop structures on HM8+63, 12+96, 21+79, 26+25, 28+81, 41+97, 66+83
- Crossing bridges on HM18+52
- Crossing bridge, combined with canal's water inlet on HM 67+47
- Cross structure from drop structure on HM45+41
- Double-ended water discharge from drop structure on HM32+53, 38+90
- Double-ended water discharge on HM25+50, 64+74
- Single-ended water discharge with drop-structure on HM58+13
- Water discharge structure on HM62+26.

WUA "Taimonku" is located within 55.0 km from the city of Jalal-Abad, Sakalda AA, Nooken rayon of Jalal-Abad oblast. The peculiarity of this WUA is that the main on-farm canal Taimonku performs transit function - it transports water from on-farm canal Pravaya Vetka to off-farm canals of the 2nd order. Earth bed canal Taimonku gravel-pebble embedded that results on significant filtration losses of water, often almost half of the water taken is lost. The total length of on-farm canals is 57.0 km, of which 3.0 km in concrete lining, the remaining 54.0 km in earth bed.



Topographic imaging of WUA «Taimonku» on-farm canals

WUA «Sulayman-Suu»

In accordance with the schedule of works, the topographic imaging of following irrigation canals within the subproject «Rehabilitation of WUA's "Sulayman-Suu" irrigation network, Ala-Buka rayon, Jalal-Abad oblast was carried out on:

- Off-farm canal Bayastan.
- Off-farm canal Chardana.
- On-farm canal Jajalkul.
- On-farm canal Janysh.

Based on topographic survey in the current quarter, the development of working drawings and calculation of construction works volume, on the following canals were carried out:

1. on-farm canal Jalalkul (head-work):

- Stream deflector from hundred-meter point (HM)0+00 till HM0+85
- Water intake port from HM1+14
- Desilter port on HM1+14
- Off-take canal (rectangular cross-section) from HM1+14 till HM1+51
- Off-take canal (trapezoidal cross-section) from HM1+51 till HM2+67
- Hydropost on HM1+73

2. on-farm canal Janysh:

- Longitudinal and crossing profiles from HM0+05 till HM5+91
- Crossing bridge on HM1+58
- Water discharges on HM1+55, 5+89

3. on-farm canal Kotormo:

- Longitudinal and crossing profiles from HM0+12 till HM15+43
- Pipe-crossing on HM6+97
- Water discharges with pipe-crossing on HM0+07, 11+48
- Water discharges on HM2+67, 14+18

4. on-farm canal Kyrgyzzaryk:

- Longitudinal and crossing profiles from HM0+00 по HM21+49
- Bridge on HM6+08
- Water discharges on HM4+76, 13+75
- Water discharges with pipe-crossing on HM6+84, 8+06, 16+64, 18+61
- Hydropost "fixed bed" on HM0+30
- Turning well with water discharge on HM11+71
- Water distribution well on HM21+49



Topographic imaging of WUA «Sulayman-Suu» on-farm canals

WUA «Gauyan»

In accordance with the schedule of works, the development of working documentation and drawings of the subproject "Rehabilitation of the WUA's "Gauyan" irrigation system of Kadamjay rayon, Batken oblast, was completed the Form #2 developed and to be submitted to IDA, which resulted in the permission to conduct a tender.

In accordance with the Form, to be submitted to IDA, No. 2, this subproject provides construction of 20 water outlets, 3 hydroposts, 4 stilling basins, 4 turning wells, 3 cushion wells, 2 bridge crossings, 4 pipe crossings, 1 steep flume, 3 drop structures, 1 aqueduct, 3 transition sections, 2 tail regulators and concrete lining of 14.404 km of WUA's irrigation network.

Preparation of WUA's certification documentation (agreement on repayment of 25% of the rehabilitation loan, certificates of command areas, etc.) was completed, a meeting was held with the WUA "Gauyan" zonal representatives, who selected the final rehabilitation version of WUA's irrigation system and agreed on repayment of 25% of the rehabilitation credit.

At present, the working documentation and technical drawings of the subproject are under consideration by the State Expertise Department of the State Agency for Architecture, Construction and Housing and Communal Services, who will issue a decision on the compliance of the working documentation and drawings with the basic requirements of building codes and regulations.



Topographic imaging of WUA «Gauyan» on-farm canals

WUA “Kosh-Kol”

In accordance with the schedule of works and on the basis of topographic survey data in the current quarter, the development of working drawings and calculation of construction works volume were carried out on:

On-farm canal P-1 (1st option):

- Longitudinal profile from hundred-meter point (HM)6+55,45 to HM50+02,03
- Crossing profile from HM4+76,45 till HM50+02,03
- Head water outlet from bypass canal
- Water settling area
- Water inlet canal (water settling area)
- Drop structure on HM6+55,45
- Drop structure on HM18+43,24
- Turning well on HM19+04,84
- Hydropost «fixed bed» on HM7+11,45

At present, an agreement is being negotiated with members of WUA "Kosh-Kol" concerning rehabilitation loan repayment of 25%, preparation of WUA certification documentation (crops irrigation regimes, certificates of command areas, information on the local building materials quarry, etc.).



Field survey of WUA «Kosh-Kol» on-farm canals

IDA Supervisory Mission

In June 2017, the IDA Supervisory Mission members visited one of the largest artificial reservoirs of the country - the Papan reservoir, as well as the main bulk water supply canal Aravan-Ak-Buura, which receives water from the reservoir for water users of Kara-Suu and Aravan rayons.



IDA Mission members on Papan reservoir and Aravan-Ak-Buura canal

The IDA Supervisory Mission members visited the head water intake structure in WUA Sultan-Naz, Kara-Suu rayon of Osh oblast, located on the Mady-Say river and built to feed Otuz-Adyr off-farm canal. In addition, they visited the experimental local field farm to familiarize themselves with the technology of growing raw cotton in plastic tunnels. In the WUA's office, the IDA

mission members discussed cropping pattern with WUA's management, taking into account needs of the local and foreign agricultural production markets, after the Kyrgyz Republic entered the Euro-Asian Economic Union (EAEU).



Field visit of IDA Mission members to WUA «Sultan-Naz»

The IDA Mission members have also met with WUA "Myrza-Suu", Bazar-Korgon rayon, Jalal-Abad oblast members, the Council members and WUA directorate, familiarized themselves with recently rehabilitated canals and structures. The WUA's management informed the IDA mission members that in early 2013 the WUA "Myrza-Suu" teamed up with the WUA "Toichubek-Chek", in order to jointly solve the main problem WUAs encounter with - the acute shortage of irrigation water due to filtration losses on the two main water canals Seydikum and Toichubek.



IDA Mission members in WUA «Myrza-Suu»

In WUA "Taimonku", Nookan rayon of Jalal-Abad Oblast, the IDA Mission members met with the local Council members and WUA Directorate, discussed current issues concerning the on-farm irrigation network, leading to an acute shortage of irrigation water and water supplies from underground wells. Moreover, the IDA Mission members paid attention on selling agricultural products, especially cotton, which is the dominant culture of the WUA, also gave their recommendations on the growing of high-value crops, after rehabilitation completed, such as vegetables, melons, fruit, berries, etc.



Sub-projects under construction

7 rehabilitation contracts, transferred with the project "Additional financing for the Second On-Farm Irrigation Project", are currently covered by the APNIP.

Detailed information on each contract in monetary terms and in physical units, according to regional engineers, is given in Annex A, Tables 1 to 4.

The description of each object under construction by regions is presented in this report hereinafter

**Rehabilitation of on-farm irrigation network in WUA "Kashka-Suu 4878
Jety-Oguz rayon, Issyk-Kul oblast, Contract OIP -2 AF/NCB-11**

Contractor: LLC "Avtotransstroy"
Cost of works: 41 346 379 KGS;
Revised cost: 47 619 171 KGS
Period of construction: 01.10.14 – 31.03.17

Works on the subproject have started in October 2014. As of July 1, 2017 the implementation amounted to 47 049,6 million KGS or 99 % of the total cost of works. Civil works were completed with compliance of Calendar works schedule.

In the first quarter of 2017, the works for the installation of flumes LR-40 were carried out at the canal Tuyuk An-3. 182 flumes were mounted and excavation works were carried out under the flumes.

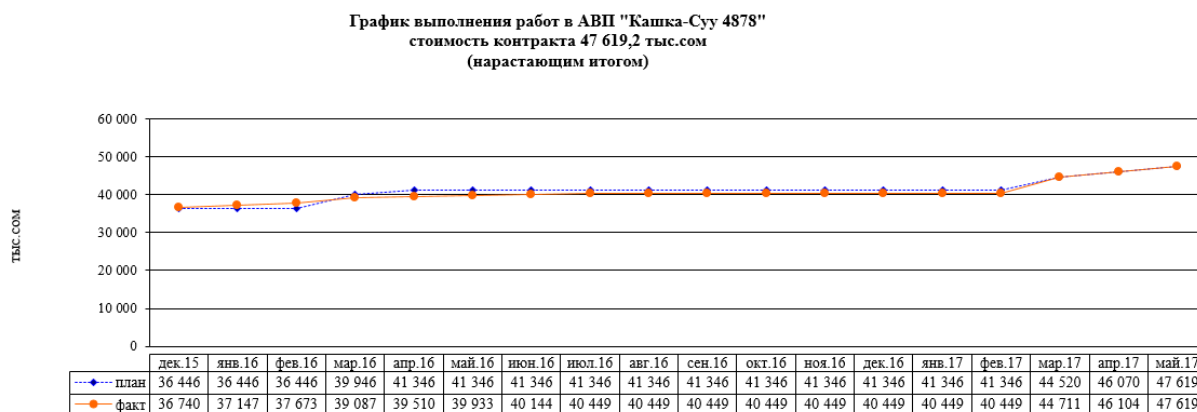
In the second II quarter of 2017, the following works were carried out on the subproject:

1. Mounting of flumes and concrete works on on-farm canal Tuyuk-An were carried out.
2. Mounting of flumes in the amount of 55 units was carried out on on-farm canal Tuyuk-An Right branch #3.
3. Mechanized cleaning of night storage reservoir.
4. Replacement of 10 units of gates was carried out on off-farm canal Cheke-Chavar.

There was a working commission on subproject WUA Kashka-Suu 4878 on May 23, 2017.

Works performance by months from the beginning of construction is shown in the graph below.

The schedule of works in the WUA "Kashka-Suu 4878". The contract (cumulative) cost is 47,619.2 thousand KGS (in blue – planned; in orange - actual)



Works performance in financial terms and physical units under each subproject are given in tables below.

1. Cost (KGS)

#	Name of canal	Contract cost	Cost on estimated indicator 1	Cost on estimated indicator 2	Completed since the beginning of the implementation	% of implementation
	On-farm network					
1	Canal Tuyuk-An	15 178 259	16 267 417	18 831 103	18 831 103	100%
2	Canal Kavak	205 746	205 746	269 348	269 348	100%
3	Canal Usup Bayloo	205 406	286 961	315 743	315 743	100%
4	Canal Cheke-Chavar	195 674	195 674	195 674	195 674	100%
5	Right branch of Cheke Chavar canal #1	205 406	205 406	205 406	205 406	100%
6	Right branch of Cheke Chavar canal #2	335 153	335 154	335 154	335 154	100%
7	Canal Sokur Kuduk	125 748	71 658	71 658	71 658	100%
8	Canal Sadovoe	8 819 514	6 227 783	6 227 783	6 227 783	100%
9	Left branch of Cheke Chavar canal # 1	151 316	151 316	151 316	151 316	100%
10	Left branch of Cheke Chavar canal # 2	226 974	226 974	226 974	226 974	100%
11	Canal Galushkin	4 035 756	2 685 068	2 700 317	2 700 317	100%
12	Canal Galushkin -1	260 075	2 000 406	2 000 406	2 000 406	100%
13	Canal Galushkin -2	335 683	1 408 618	1 408 619	1 408 619	100%
14	BSR canal	205 646	151 216	151 216	151 216	100%
15	Canal Kun-Chygysh	4 440 653	4 507 612	4 571 215	4 571 215	100%
16	Canal Asan Bayloo	75 658	75 658	75 658	75 658	100%
17	Canal Kara-Suu	378 290	378 290	378 290	378 290	100%
18	Canal Tuyuk-An, right branch #3			3 133 634	3 133 634	100%
19	Mechanical cleaning of night storage reservoir	2 317 549	2 317 549	2 361 366	2 361 366	100%
	Total for on-farm network	37 698 506	37 698 506	43 610 880	43 610 880	100%
	Off-farm network					
20	Canal Chake-Chavar	3 197 873	3 197 873	3 558 291	3 558 291	100%
	Total for off-farm network	3 197 873	3 197 873	3 558 291	3 558 291	100%
	Primary collateral	450 000	450 000	450 000	450 000	100%
	Total for the subproject	41 346 379	41 346 379	47 619 171	47 619 171	100%

2. Materials

#	Name of canal	Earthworks, m ³			Concrete and reinforce concrete works, m ³		
		Planned	Actual	%	Planned	Actual	%
	On-farm network						
1	Canal Tuyuk-An	11472	11472	100%	1090	1090	100%
2	Canal Kavak	116	116	100%	5,8	5,8	100%
3	Canal Usup Bayloo	116	116	100%	8,7	8,7	100%
4	Canal Cheke-Chavar	44	44	100%	59,3	59,3	100%
5	Right branch of Cheke Chavar canal #1	118	118	100%	8,8	8,8	100%
6	Right branch of Cheke Chavar canal #2	2326	2326	100%	85,7	85,7	100%
7	Canal Sokur Kuduk	15	15	100%	6,9	6,9	100%
8	Canal Sadovoe	3166	3166	100%	321,5	321,5	100%
9	Left branch of Cheke Chavar canal # 1	15	15	100%	3,0	3,0	100%
10	Left branch of Cheke Chavar canal # 2	15	15	100%	6,2	6,2	100%
11	Canal Galushkin	2213	2213	100%	157,2	157,2	100%
12	Canal Galushkin -1	2038	2038	100%	90,8	90,8	100%
13	Canal Galushkin -2	919	919	100%	65,8	65,8	100%
14	BSR canal	30	30	100%	3,2	3,2	100%
15	Canal Kun-Chygysh	6510	6510	100%	177,8	177,8	100%
16	Canal Asan Bayloo	15	15	100%	1,6	1,6	100%

#	Name of canal	Earthworks, m ³			Concrete and reinforce concrete works, m ³		
		Planned	Actual	%	Planned	Actual	%
17	Canal Kara-Suu	75	75	100%	8	8	100%
18	Canal Tuyuk-An, right branch #3	3913	3913	100%	109,1	109,1	100%
19	Mechanical cleaning of night storage reservoir	39773	39773	100%	10,8	10,8	100%
	Total for on-farm network	72889	72889	100%	2220,2	2220,2	100%
	Off-farm network						
20	Canal Chake-Chavar	700	700	100%	499	499	100%
	Total for off-farm network	700	700	100%	499	499	100%
	Total for the subproject	73 589	73 589	100%	2719,2	2719,2	100%

3. Structures

#	Name of canal	Water outlets, units			Pipe crossings, units		
		Planned	Actual	%	Planned	Actual	%
	On-farm network						
1	Canal Tuyuk-An	19	19	100%	7	7	100%
2	Canal Kavak	2	2	100%	1	1	100%
3	Canal Usup Bayloo	2	2	100%	1	1	100%
4	Right branch of Cheke Chavar canal #1	2	2	100%	1	1	100%
5	Right branch of Cheke Chavar canal #2	3	3	100%	2	2	100%
6	Canal Sokur Kuduk	1	1	100%			
7	Canal Sadovoe	6	6	100%	2	2	100%
8	Left branch of Cheke Chavar canal # 1	2	2	100%			
9	Left branch of Cheke Chavar canal # 2	3	3	100%			
10	Canal Galushkin	5	5	100%	1	1	100%
11	Canal Galushkin -1	2	2	100%	2	2	100%
12	Canal Galushkin -2	3	3	100%	2	2	100%
13	BSR canal	2	2	100%			
14	Canal Kun-Chygysh	5	5	100%	3	3	100%
15	Canal Asan Bayloo	1	1	100%			
16	Canal Kara-Suu	5	5	100%			
17	Mechanical cleaning of night storage reservoir	1	1	100%			
	Total for on-farm network	64	64	100%	22	22	100%
	Off-farm network						
18	Canal Chake-Chavar	5	5	100%			
	Total for off-farm network	5	5	100%			
	Total for the subproject	69	69	100%	22	22	100%

**Rehabilitation of on-farm irrigation network in WUA "Alagoz-Kaba",
Ton rayon, Issyk-Kul oblast, Contract OIP-2 AF/NCB-17 Lot #1**

Contractor: LLC "LOI"
Cost of work: 30 150 639 KGS;
Revised cost: 34 715 285 KGS
Period of construction: 12.03.15 – 20.05.17

Works on the subproject were started in March 2015. Under the Lot #1 for WUA "Alagoz-Kaba", rehabilitation works are carried out on the canal "Chon" and "Chon feeding". As of July 1, 2017 the implementation amounted to 34 715,3 million KGS or 100 % of the total cost of works.

Due to unfavorable weather conditions in the 1st quarter of 2017, no works were carried out on the subproject.

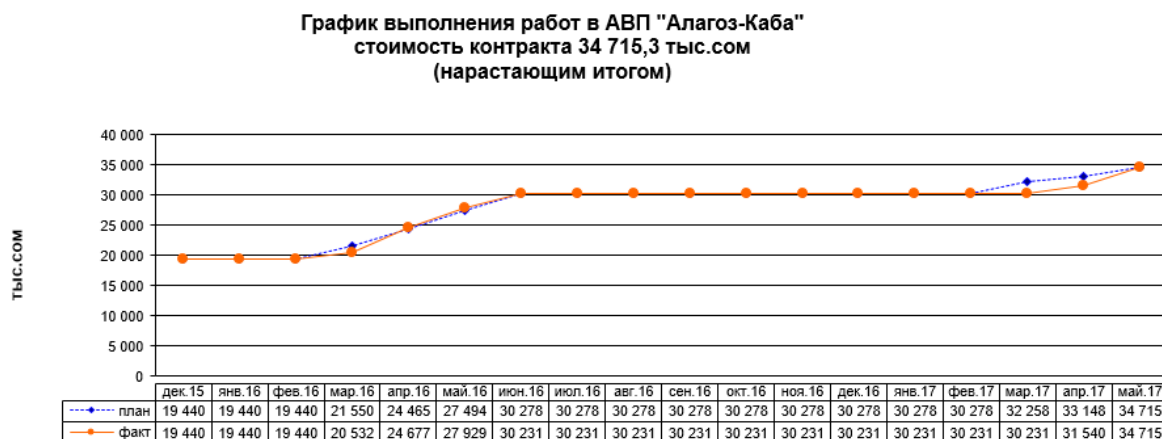
In the second II quarter of 2017, the following works were carried out on the subproject:

1. Installation of 39 outlet works, concrete and reinforced concrete works were carried out on on-farm canal Chon.

There was a working commission on subproject in WUA Alagoz-Kaba Lot #1 on May 24, 2017.

Works performance by months from the beginning of construction is shown in the graph below.

The schedule of works in the WUA "Alagoz-Kaba". The contract (cumulative) cost is 34,715.3 thousand KGS (in blue – planned; in orange - actual)



Works performance in financial terms and physical units under each subproject are given in tables below.

1. Cost (KGS)

#	Name of canal	Cost on estimated indicator 1	Cost on estimated indicator 2	Completed since the beginning of the implementation	% of implementation
	On-farm network				
1	Canal Chon (feeding) from HM 0+00 to HM 6+06	2 947 229	2 947 229	2 947 229	100%
2	Canal Chon from HM 6+06 to HM 61+08	26 281 010	30 812 090	30 812 090	100%
	Primary collateral	922 400	955 966	955 966	100%
	Total for the subproject	30 150 639	34 715 285	34 715 285	100%

2. Materials

#	Name of canal	Earthworks, m ³			Concrete and reinforce concrete works, m ³		
		Planned	Actual	%	Planned	Actual	%
	On-farm network						
1	Canal Chon (feeding) from HM 0+00 to HM 6+06	1346	1346	100%	283,2	283,2	100%
2	Canal Chon from HM 6+06 to HM 61+08	33014	33014	100%	4052,4	4052,4	100%
	Total for the subproject	34360	34360	100%	4335,6	4335,6	100%

3. Structures

#	Name of canal	Water outlets, units			Bridge crossings, units		
		Planned	Actual	%	Planned	Actual	%
	On-farm network						
1	Canal Chon (feeding) from HM 0+00 to HM 6+06	1	1	100%			
2	Canal Chon from HM 6+06 to HM 61+08	61	61	100%	4	4	100%
	Total for the subproject	62	62	100%	4	4	100%

Rehabilitation of on-farm irrigation network in WUA "Alagoz-Kaba", Ton rayon, Issyk-Kul oblast. Contract OIP -2 AF/NCB-17 LOT #2

Contractor: LLC "Tenechim"
 Cost of works: 22 284 988 KGS;
 Revised cost: 25 577 008 KGS
 Period of construction: 13.03.15 – 10.05.17

Works on the subproject were started in March 2015. As of July 1, 2017 the performance amounted to 25 451,9 million KGS or 99,5 % of the total cost of works.

In the 1st quarter of 2017, works were not carried out due to unfavorable weather conditions.

In the 2nd quarter of 2017, works on on-farm canals X-14, Bar-Bulak right branch and on off-farm canal Ala-Goz were carried out.

Works performance by months from the beginning of construction is shown in the graph below.

The schedule of works in the WUA "Alagoz-Kaba". The contract (cumulative) cost is 25,577.0 thousand KGS (in blue – planned; in orange - actual)



Works performance in financial terms and physical units under each subproject are given in tables below.

1. Cost (KGS)

#	Name of canal	Cost on estimated indicator # 3	Completed since the beginning of the implementation	% of implementation
	On-farm network			
1	Canal Ak-Kyrchoo	2452541	2452541	100%
2	Canal from X-1 to X-13	9239369	9239369	100%
3	Canal X-14 upstream inspection path	1736783	1736783	100%
4	Canal X-14 downstream	883636	883636	100%
5	Canal X-14 right branch	406774	406774	100%
6	Canal X-14 left branch	406774	406774	100%
7	Canal Bar-Bulak right branch	1088280	1088280	100%
8	Canal Bar-Bulak left branch	1930043	1923797	99,7%
9	Canal Kok	1595873	1595870	100%
10	Canal U-1	297314	297314	100%
11	Canal U-2	309039	309039	100%
	Total for on-farm network	20346426	20340177	99,9%
	Off-farm network			
1	Off-farm canal Ala-Goz	4 089 782	3 970 964	97%
	Total for off-farm network	4 089 782	3 970 964	97%
	Primary collateral	1 140 800	1 140 800	100%
	Total for the subproject	25 577 008	25 451 941	99,5%

2. Materials

#	Name of canal	Earthworks, m ³			Concrete and reinforce concrete works, m ³		
		Planned	Actual	%	Planned	Actual	%
	On-farm network						
1	Canal Ak-Kyrchoo	2032	2032	100%	104	104	100%
2	Canal from X-1 to X-13	893	893	100%	808,6	808,6	100%
3	Canal X-14 upstream, inspection path	35	35	100%	35,3	35,3	100%
4	Canal X-14 downstream	90	90	100%	76,6	76,6	100%
5	Canal X-14 right branch	3430	3430	100%	102,5	102,5	100%
6	Canal X-14 left branch	4850	4850	100%	107,4	107,4	100%
7	Canal Bar-Bulak right branch	60	60	100%	58	58	100%
8	Canal Bar-Bulak left branch	150	150	100%	177,5	176,9	99,7%
9	Canal Kok	140	140	100%	18,6	18,6	100%
10	Canal U -1	32	32	100%	26,6	26,6	100%
11	Canal U -2	36	36	100%	32	32	100%
	Total for on-farm network	11748	11748	100%	1547,1	1546,5	99,9%
	Off-farm network						
1	Canal Alagoz –Kaba	2 661	2 661	100%	468,8	454,7	97%
	Total for off-farm network	2 661	2 661	100%	468,8	454,7	97%
	Total for the subproject	14 409	14 409	100%	2 015,9	2 001,2	99,5%

3. Structures

#	Name of canal	Water outlets, units			Other structures, units		
		Planned	Actual	%	Planned	Actual	%
	On-farm network						
1	Canal Ak-Kyrchoo	16	16	100%			

#	Name of canal	Water outlets, units			Other structures, units		
		Planned	Actual	%	Planned	Actual	%
2	Canal from X-1 to X-13	110	110	100%			
3	Canal X-14 upstream, inspection path	4	4	100%			
4	Canal X-14 downstream	2	2	100%			
5	Canal X-14 right branch	0	0				
6	Canal X-14 left branch	0	0				
7	Canal Bar-Bulak right branch	17	17	100%			
8	Canal Bar-Bulak left branch	20	20	100%			
9	Canal Kok	4	4	100%	2	2	100%
10	Canal U -1	7	7	100%			
11	Canal U -2	6	6	100%			
	Total for on-farm network	186	186	100%	2	2	100%
	Off-farm network						
1	Canal Ala-Goz				2	1	50%
	Total for off-farm network				2	1	50%
	Total for the subproject	186	186	100%	4	3	75%

Rehabilitation of on-farm irrigation network in WUA "Ak-Bulak-Suu"
Alamudun rayon, Chui oblast, Contract OIP -2 AF/NCB-15

Contractor: LLC "LOI"
Cost of works: 30 426 120 KGS
Revised cost: 33 792 276 KGS
Period of construction: 01.10.14 – 10.05.17.

Construction of the subproject was started in November 2014. As of July 1, 2017, performance of the subproject "Rehabilitation of the irrigation network of the WUA Ak-Bulak-Suu" amounted to 33 792 276 KGS or 100% of the total cost of works. Civil works were completed with compliance of Calendar works schedule. In current quarter the performance was 634 051 KGS.

In the 1st quarter of 2017, rehabilitation works were carried out on the following canals: X-4-5, X-2-3, X-5-6, X-4-4, X-5-2, X-5-1. 15249 m³ of earthworks were carried out, 2565,9 m³ gravel bed was laid, 2563,9 m³ cast-in-situ concrete was laid. The quality of the work is satisfactory.

In the second II quarter of 2017, the following works were carried out on the subproject:

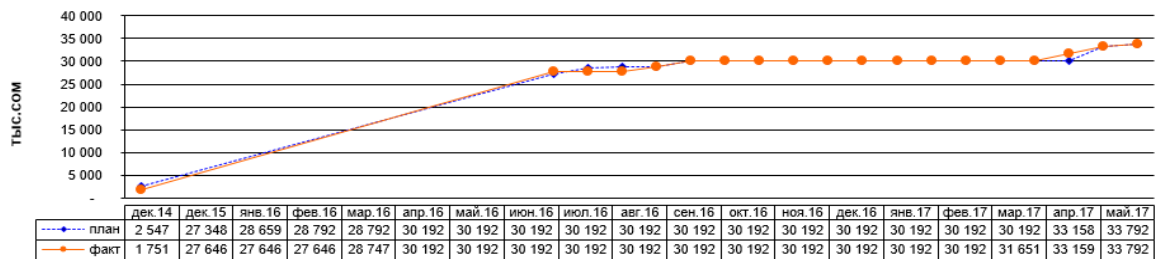
1. Laying of cast-in-situ concrete from HM 100+00 to HM 100+18 with length of 18 m, installation of 2 units of water outlets were carried out on on-farm canal X-4-4.
2. Installation of 4 units of outlet works from HM 0+30, HM1+70, HM3+30, HM4+50 were carried out on on-farm canal X-4-6.
3. Installation of outlet works from HM 0+30 was carried out on on-farm canal X-5-4.
4. Installation of 1 pipe crossing at HM 2+50 was carried out on on-farm canal X-5-7.

There was a working commission on subproject in WUA Ak-Bulak-Suu on May 26, 2017.

Civil works performance in WUA Ak-Bulak-Suu is shown in the graph below.

The schedule of works in the WUA "Ak-Bulak Suu ". The contract (cumulative) cost is 33,792.0 thousand KGS (in blue – planned; in orange - actual)

График выполнения работ в АВП "Ак-Булак-Суу"
стоимость контракта 33 792 тыс.сом
(нарастающим итогом)



Works performance in financial terms and physical units under each subproject are given in tables below.

1. Cost (KGS)

#	Main works	Cost according to engineering drawings	Cost according to engineering drawings	Cost according to engineering drawings #1	Performed since beginning of the implementation	% of implementation
	On-farm network					
1.	Canal X-2-1	275 951	275 951	237 796	237 796	100%
2.	Canal X-2-2	1 329 226				
3.	Canal X-2-3	447 864	447 864	436 294	436 294	100%
4.	Canal X-2-4	1 237 099				
5.	Canal X-4	2 038 335	6 823 829	7 011 897	7 011 897	100%
6.	Canal X-4-1	2 265 137	2 381 251	2 276 553	2 276 553	100%
7.	Canal X-4-1''	415 138	578 512			
8.	Canal X-4-2	155 563	155 563	155 563	155 563	100%
9.	Canal X-4-3	1 047 285	1 194 135	952 878	952 878	100%
10.	Canal X-4-4''	281 320	281 320	281 320	281 320	100%
11.	Canal X-4-4	3 379 422	3 379 422	3 896 770	3 966 469	102%
12.	Canal X-4-5	2 220 441	2 220 441	2 439 094	2 439 094	100%
13.	Canal X-4-6	1 340 787	1 340 787	1 549 906	1 549 906	100%
14.	Canal X-4-7	873 557	873 557	737 649	737 649	100%
15.	Canal X-5	1 202 928	3 427 294	3 409 508	3 409 508	100%
16.	Canal X-5-1	623 653	623 653	607 461	607 461	100%
17.	Canal X-5-2	371 868	371 868	353 677	353 677	100%
18.	Canal X-5-3	360 908	111 538	8 470	8 470	100%
19.	Canal X-5-4	213 917	213 917	142 142	142 142	100%
20.	Canal X-5-4-1	24 667	24 667	24 667	24 667	100%
21.	Canal X-5-5	175 047	175 047	49 119	49 119	100%
22.	Canal X-5-5-1	194 705	194 705	102 169	102 169	100%
23.	Canal X-5-5-2	13 338	13 338	13 338	13 338	100%
24.	Canal X-5-5-3	25 290	25 290	3 150	3 150	100%
25.	Canal X-5-6	3 295 883	3 295 883	3 511 352	3 511 352	100%
26.	Canal X-5-7	1 203 856	1 203 856	1 279 342	1 279 342	100%
27.	Canal X-1-1	1 090 405				
28.	Canal X-3-3	2 309 509	3 603 988	3 757 561	3 687 862	98%
	Total for on-farm network	28 413 099	33 237 676	33 237 676	33 237 676	100%
	Off-farm network					
29.	Canal R-1	1 458 421				
	Total for off-farm network	1 458 421				

#	Main works	Cost according to engineering drawings	Cost according to engineering drawings	Cost according to engineering drawings #1	Performed since beginning of the implementation	% of implementation
	Primary collateral	554 600	554 600	554 600	554 600	100%
	Total for the subproject	30 426 120	33 792 276	33 792 276	33 792 276	100%

2. Materials

#	Main works	Earthworks, m³			Concrete works, m³		
		Planned	Actual	%	Planned	Actual	%
On-farm network							
1.	Canal X-2-1	400	400	100%	129,3	129,3	100%
2.	Canal X-2-2	0	0		0	0	
3.	Canal X-2-3	213	213	100%	33,6	33,6	100%
4.	Canal X-2-4	0	0		0	0	
5.	Canal X-4	506	506	100%	144,3	144,3	100%
6.	Canal X-4-1	1122	1122	100%	260	260	100%
7.	Canal X-4-1''	340	340	100%	2,9	2,9	100%
8.	Canal X-4-2	41	41	100%	18	18	100%
9.	Canal X-4-3	520	520	100%	108,1	108,1	100%
10.	Canal X-4-4''	78	78	100%	0	0	
11.	Canal X-4-4	3680	3680	100%	379,6	379,6	100%
12.	Canal X-4-5	1010	1010	100%	221,7	221,7	100%
13.	Canal X-4-6	650	650	100%	152	152	100%
14.	Canal X-4-7	440	440	100%	62,3	62,3	100%
15.	Canal X-5	320	320	100%	70,4	70,4	100%
16.	Canal X-5-1	360	360	100%	50,2	50,2	100%
17.	Canal X-5-2	225	225	100%	31	31	100%
18.	Canal X-5-3	217	217	100%	31,2	31,2	100%
19.	Canal X-5-4	195	195	100%	19	19	100%
20.	Canal X-5-4-1	361	361	100%	9,1	9,1	100%
21.	Canal X-5-5	0	0		0	0	
22.	Canal X-5-5-1	361	361	100%	9,1	9,1	100%
23.	Canal X-5-5-2	0	0		0	0	
24.	Canal X-5-5-3	0	0		0	0	
25.	Canal X-5-6	3380	3380	100%	363	363	100%
26.	Canal X-5-7	630	630	100%	99,6	99,6	100%
27.	Canal X-1-1	0	0		0	0	
28.	Canal X-3-3	1273	1273	100%	193,6	193,6	100%
	Total for on-farm network	16322	16322	100%	2388	2388	100%
	Total for the subproject	16 322	16 322	100%	2 388	2 388	100%

3. Structures

#	Main works	Water outlets, units			Pipe crossings, units			Hydroposts, units		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
On-farm network										
1	Canal X-2-1	0	0							
2	Canal X-2-3	1	1	100%	1	1	100%			
3	Canal X-4	0	0		1	1	100%			
4	Canal X-4-1	7	7	100%						
5	Canal X-4-2	0	0		1	1	100%			
6	Canal X-4-3	3	3	100%						
7	Canal X-4-4''	13	13	100%						
8	Canal X-4-4	14	14	100%	2	2	100%			

#	Main works	Water outlets, units			Pipe crossings, units			Hydroposts, units		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
9	Canal X-4-5	6	6	100%						
10	Canal X-4-6	4	4	100%	1	1	100%			
11	Canal X-4-7	6	6	100%	1	1	100%			
12	Canal X-5	1	1	100%						
13	Canal X-5-1	3	3	100%	1	1	100%			
14	Canal X-5-2	3	3	100%	1	1	100%			
15	Canal X-5-3	2	2	100%						
16	Canal X-5-4	1	1	100%						
17	Canal X-5-4-1	1	1	100%	1	1	100%			
18	Canal X-5-5	1	1	100%						
19	Canal X-5-6	13	13	100%	2	2	100%			
20	Canal X-5-7	9	9	100%	1	1	100%			
21	Canal X-3-3	7	7	100%	1	1	100%	1	1	100%
	Total for on-farm network	95	95	100%	14	14	100%	1	1	100%
	Total for the subproject	95	95	100%	14	14	100%	1	1	100%

Rehabilitation of on-farm irrigation network in WUA "Taldy-Bulak"
Talas rayon, Talas oblast, Contract OIP -2 AF/NCB-13

Contractor: Consortium "Don"
Cost of works: 19 992 915 KGS
Revised cost: 22 345 800 KGS
Period of construction: 10.11.14 – 25.05.17.

Construction of the subproject was started in November 2014. As of July 1, 2017 the performance was 22 345,8 thousand KGS or 100 % of the total cost of works.

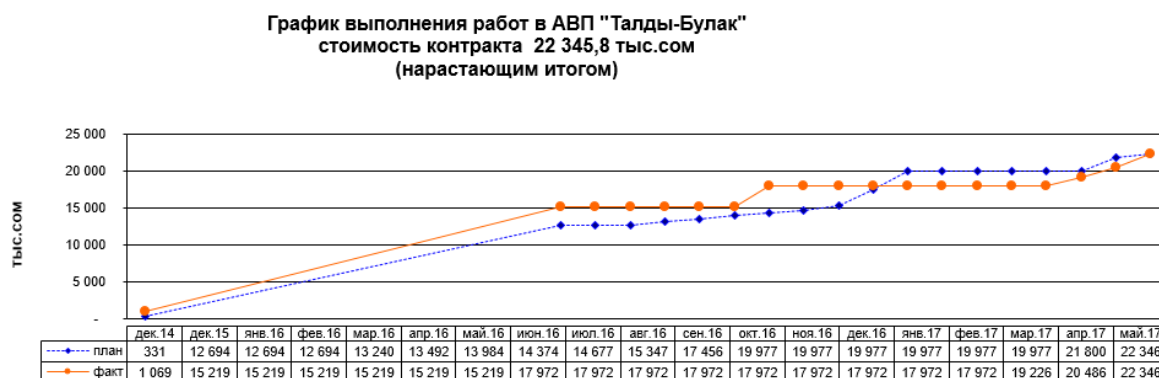
In the 1st quarter of 2017, rehabilitation works were not carried out due to unfavorable climatic conditions, low air temperature in January, abundant precipitation in February, with a cover of 0.2-0.5 meters, frequent precipitation in March.

In the second II quarter of 2017, the following works were carried out on the subproject:

1. Laying of cast-in-situ concrete with length of 3 m, installation of 3 units of water outlets, hydropost and 2 pipe crossings were carried out on on-farm canal Orto-Koshoi.
2. Laying of cast-in-situ concrete was carried out on on-farm canal Ak-Korgon.

Works performance by months is shown in the graph below.

The schedule of works in the WUA "Taldy-Bulak". The contract (cumulative) cost is 22,345.8 thousand KGS (in blue – planned; in orange - actual)



Works performance in financial terms and physical units under each subproject are given in tables below.

1. Cost (KGS)

#	Name of canal	Tender cost	Cost for a working project	Cost for a working project #2	Performed since the beginning of the implementation	% of implementation
	Primary collateral	330 575	330 575	330 575	330 575	100%
	On-farm network					
1	Canal Orto-Koshoy	8 031 126	8 031 126	8 510 426	8510426	100%
2	Canal Uch-Koshoy	5 154 649	5 154 649	5 841 806	5841806	100%
3	Canal Ak-Korgon	6 476 565	6 476 565	7 663 043	7663043	100%
	Total for on-farm canals	19 662 340	19 662 340	22 015 275	22015275	100%
	Total for the subproject	19 992 915	19 992 915	22 345 850	22 345 850	100%

2. Materials

#	Name of canal	earth works, m ³			Concrete and reinforced concrete works, m ³			Placed riprap, m ³		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	Canal Orto-Koshoy	8219,8	8219,8	100%	532	532	100%	697	697	100%
2	Canal Uch-Koshoy	2116	2116	100%	463	463	100%			
3	Canal Ak-Korgon	2663,2	2663,2	100%	697	697	100%	1	1	100%
	Total for the subproject	12999	12999	100%	1692	1692	100%	698	698	100%

3. Structures

#	Name of canal	Water outlets, units			Other structures, units			Hydroposts, units		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	Canal Orto-Koshoy	9	9	100%	7	7	100%	1	1	100%
2	Canal Uch-Koshoy	6	6	100%	5	5	100%			
3	Canal Ak-Korgon	7	7	100%	2	2	100%	1	1	100%
	Total for the subproject	22	22	100%	14	14	100%	2	2	100%

Rehabilitation of on-farm irrigation network in WUA "Jany-Aryk-SA" ***Nooken rayon, Jalal-Abad oblast, Contract OIP-2 AF/NCB-10***

Contractor: Consortium "Jalal-Abad SPMK"
 Cost of works: 39 232 119 KGS
 Revised cost: 41 980 178 KGS
 Revised cost (2): 45 071 686 KGS
 Revised cost (3): 47 738 578 KGS
 Period of construction: 01.07.14. – 25.05.17.

As of July 1, 2017, the performance on subproject was 46 251 183 KGS or 97% of the total cost of works. Civil works were completed with compliance of Calendar works schedule. In current quarter the performance was 3 086 257 KGS or 100% of works schedule

In the second II quarter of 2017, the following works were carried out on the subproject:

3. Laying of cast-in-situ concrete from HM 41+50 to HM51+94 with length of 1044 m, installation of water cushion at HM 48+79, water cushion and distribution pot at HM 52+78, pipe water outlets at HM 15+10, 21+00, 35+86, 41+30, 44+10, 50+57 were carried out on on-farm canal Kelechek.
4. Installation of 7 outlet works were carried out on on-farm canals P-2, P-3, P-4, P-5, P-6, P-7, P-8.
5. Installation of outlet works at HM 0+00 was carried out on on-farm canal Kulmat.
6. Installation of 2 units of outlet works was carried out on on-farm canal Jany-Kyshtak.

The subproject was put into operation by the WUA "Jany-Aryk SA" on the basis of an act of the State Acceptance Commission dated 25.05.2017 approved by the regional department of the State Inspectorate for Environmental and Technical Safety in the Mailuu-Suu city, Nookan and Bazar-Korgon rayons.



On-farm canal Kelechek

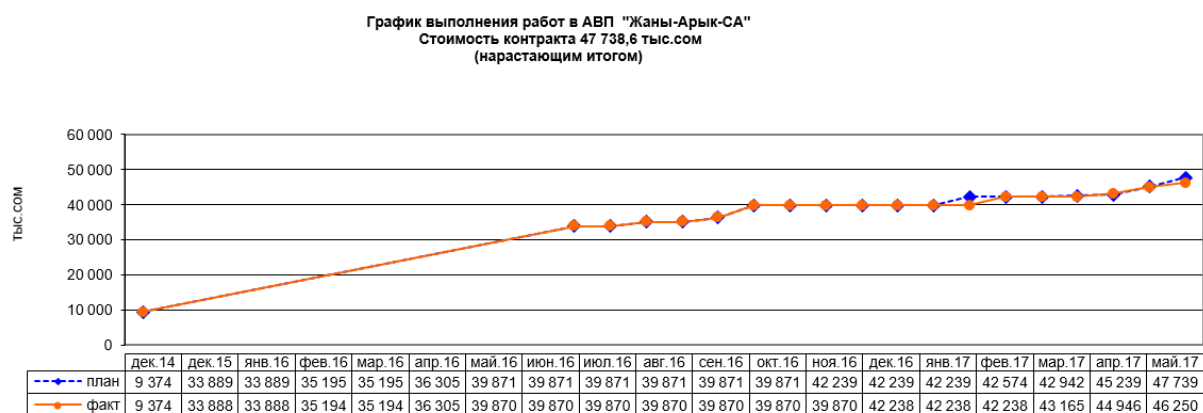
In the middle of June, 2017, the solemn opening ceremony of the on-farm canal Kelechek was held with the participation of the Prime Minister of the Kyrgyz Republic S. Jeenbekov, the Minister of Agriculture, Food Processing and Land Improvement N. Murashev, the Director General of the Department of Water Resources and Land Improvement K. Tashtanaliev and other officials. The ceremony was attended by heads of local self-government bodies, ordinary farmers and water users, representatives of rural intellectuals, dignitaries and aksakals. The solemn opening ceremony of the canal was widely covered in the mass media of the republic and had a great public response.



On-farm canal Kelechek opening ceremony

Works performance by months since the beginning of the construction is shown in the graph below.

The schedule of works performance in the WUA "Jany-Aryk-SA ". The contract (cumulative) cost is 47,738.6 thousand KGS (in blue – planned; in orange - actual)



Works performance in financial terms and physical units under each subproject are given in tables below.

1. Cost (KGS)

#	Name of canals	Tender cost	Cost for a working project # 1	Cost for a working project # 2	Cost for a working project # 3	Cost for a working project # 4	Performed since the beginning of implementation	% of implementation
	Primary collateral	395 400	395 400	470 182	470 182	470 182	470 182	100%
	Off-farm network							
1	PBMSK	1 788 754	1 788 754	1 788 754	2 009 241	4 458 177	4 458 177	100%
	Total for off-farm canals	17 88 754	17 88 754	1 788 754	2 009 241	4 458 177	4 458 177	100%
	On-farm network							
2	Canal Kelechek	336 87 830	33 687 830	36 143 317	38 761 681	38 761 681	38 761 681	100%
3	Canals P-2, P-3, P-4, P-5, P-6, P-7, P-8	170 986	170 986	170 986	170 986	170 986	170 986	100%
4	Canal Kulmat	6 661	6 661	6 661	6 661	6 661	6 661	100%
5	Canal Jany-Kyshtak	12 135	12 135	12 135	12 135	12 135	12 135	100%
	Total for on-farm canals	33 877 612	33 877 612	36 333 099	38 951 463	38 951 463	38 951 463	100%
	Contingencies 10% of rehabilitation expenses	3 566 637	3 566 637	3 812 185	4 096 070	4 340 964	2 838 543	65%
	Total for WUA	39 628 403	39 628 403	42 404 220	45 526 956	48 220 786	46 718 365	97%
	Rebate 1%	396 284	396 284	424 042	455 270	482 208	467 184	97%
	Total for the subproject	39 232 119	39 232 119	41 980 178	45 071 687	47 738 578	46 251 181	97%

2. Materials

#	Name of canals	earthworks, m ³			Concrete and reinforced concrete works, m ³			Gravel bed, m ³		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	Main canal PBMSK	6 662,8	6662,8	100%	266,6	266,6	100%	125	125	100%
2	Canal Kelechek	96 044	96044	100%	3 086,3	3086,3	100%	2988,4	2988,4	100%
		102 706,8	10 2706,8	100%	3 352,9	3352,9	100%	3113,4	3113,4	100%

<i>Total for the subproject</i>									
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3. Structures

#	Name of canals	Water outlets, units			Other structures, units			Hydroposts, units		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	Main canal PBMSK				2	2	100%			
2	Canal Kelechek	14	14	100%	15	15	100%	1	1	100%
3	Canal P-2, P-3, P-4, P-5, P-6, P-7, P-8	7	7	100%						
4	Canal Kulmat	1	1	100%						
5	Canal Jany Kyshtak	2	2	100%						
	<i>Total for the subproject</i>	24	24	100%	17	17	100%	1	1	100%

Rehabilitation of on-farm irrigation network in WUA “Myrza-Suu”, Bazarkorgon rayon, Jalal-Abad oblast, Contract OIP -2(AF)/NCB-14

<i>Contractor:</i>	<i>OJSC Bazarkorgonayilkurulush</i>
<i>Cost of works:</i>	<i>49 591 001 KGS</i>
<i>Revised cost:</i>	<i>50 542 856 KGS</i>
<i>Revised cost (2):</i>	<i>55 064 004 KGS</i>
<i>Period of construction:</i>	<i>01.10.14. – 28.04.17.</i>

As of July 1, 2017, the performance on subproject "Rehabilitation of the irrigation network of the WUA “Myrza-Suu” amounted to 54 697 781 KGS, or 99% of the total cost of works. Civil works were completed with compliance of Calendar schedule of works. In the current quarter, the performance was 2 458 530 KGS or 72,6%.

In the second II quarter of 2017, the following works were carried out on the subproject:

1. Grading of inspection path from HM 1+05 to HM33+20 with length of 3215 m was carried out on on-farm canal Seidikum.
2. Laying of cast-in-situ concrete from HM 14+50 to HM19+00 with length of 450 m, grading of inspection path from HM 0+00 to HM45+45 with length of 4545 m, installation of 1 pipe crossing, 1 water inlet into canal, 11 Cipoletti hydroposts were carried out on on-farm canal Toichubek.

The subproject was put into operation by the WUA Myrza-Suu on the basis of an act of the State Acceptance Commission dated 03.05.2017, approved by the regional department of the State Inspectorate for Environmental and Technical Safety in the Mailuu-Suu city, Nookan and Bazar-Korgon rayons.



Off-farm canal Levaya Vetka (before and after rehabilitation)



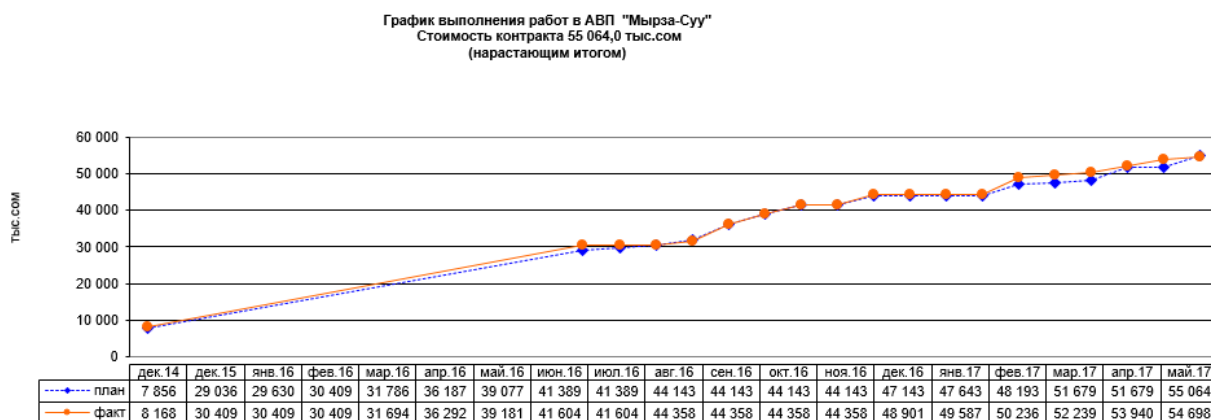
On-farm canal Seidikum



On-farm canal Toichubek

Works performance by months since the beginning of the construction is shown in the graph below.

The schedule of works performance in the WUA "Myrza-Suu ". The contract (cumulative) cost is 55,064.0 thousand KGS (in blue – planned; in orange - actual)



Works performance in financial terms and physical units under each subproject are given in tables below.

1. Cost (KGS)

#	Name of canals	Tender cost	Cost for a working project #1	Cost for a working project #2	Cost for a working project #3	Performed since the beginning of implementation	% of implementation
	Primary collateral	1 017 730	1 017 730	1 017 730	811 529	568 579	70%
	Off-farm network						
1	Main canal Levaya Vetka	1 220 957	1 220 957	2 553 292	2 644 742	2 644 742	100%
	Total for off-farm canals	1 220 957	1 220 957	2 553 292	2 644 742	2 644 742	100%
	On-farm network						
2	Canal Seydikum	24 705 666	24 705 666	24 749 093	27 174 782	27 174 782	100%
3	Canal Toychubek	22 646 648	22 646 648	22 222 741	24 432 951	24 309 678	99,5%
	Total for on-farm canals	47 352 314	47 3523 14	46 971 834	51 607 733	51 484 460	99%
	Total for the subproject	49 591 001	49 591 001	50542 856	55 064 004	54 697 781	99%

2. Materials

#	Name of canals	earthworks, m ³			Concrete and reinforced concrete works, m ³			Gravel bed, m ³		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	Main canal Levaya Vetka	1472,9	1472,9	100%	203,3	203,3	100%	198,5	198,5	100%
2	Canal Seydikum	50797	50797	100%	1819	1819	100%	1831	1831	100%
3	Canal Toychubek	39935,7	37162,1	93%	1896,3	1699,1	90%	1903,8	1735,5	91%
Total for the subproject		92205,6	89432	97%	3918,6	3721,4	95%	3933,3	3765	96%

3. Structures

#	Name of canals	Water outlets, units			Other structures, units			Hydroposts, units		
		Planned	Actual	%	Planned	Actual	%	Planned	Actual	%
1	Main canal Levaya Vetka	3	3	100%	1	1	100%	2	2	100%
2	Canal Seydikum	5	5	100%	9	9	100%			
3	Canal Toychubek	5	5	100%	18	17	94%	11	11	100%
Total for the subproject		13	13	100%	28	27	96%	13	13	100%

Component 2 Agricultural Advisory Services

This component envisages for both increased productivity of irrigated agriculture, and 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 envisages 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 US \$ 30,000 to implement agricultural development plans, administered by WUAs; (iv) additional advisory services for further knowledge dissemination to a broader group of beneficiaries; and (v) on-farm water management demonstrations, including drip irrigation.

A coordinator of agricultural advisory services was hired for this component, who has started to perform his duties within the terms of reference.

A terms of reference for an international consultant on improved productivity of irrigated agriculture was prepared and submitted to the World Bank for no objection. The following Terms of reference were developed: 1) advisory services for the preparation of agricultural production development plans, including the identification of advisory services, preparation of TOR and contract management, and 2) advisory services for the establishment and operation of demonstration plots and provision of training; these terms of references were submitted to the Department of Water Resources and Land Improvement for coordination.

Currently, terms of references are being prepared: for an international nutrition diversification consultant, for advisory services on social mobilization of local communities (with a focus on women), and on providing training services on household plots.

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 4^a Toktonaliev Street. The main PIU staff consists of 6 people. The PIU staff occupies 5 office rooms 104, 103, 105, 321.

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

Procurement

The project provides for the following types of procurement: consulting services; goods and works.

The procurement is conducted in accordance with the World Bank's Guidelines on Procurement under IBRD Loans and IDA Credits, May 2014.

Information on procurements for the 2nd quarter of 2017 is presented below.

Procurements of goods and works in the 2nd quarter of 2017 were not conducted.

Procurements of consultancy services

In the 2nd quarter the following types of procurement were made:

- **Agricultural advisory services Coordinator APNIP/C.4/CS/IC/58** Selection method IC (individual consultant). The announcement for this position was posted in the newspaper Vecherniy Bishkek on March 17, 2017. Based on the results of the bidding the contract was awarded to **Apasov R.T.**
- **Expert group Coordinator of the Food Security and Nutrition Council/agricultural and food processing specialist #APNIP/C.3/CS/IC/75.** Selection method IC (individual consultant). The announcement for this position was posted in the newspaper Vecherniy Bishkek on March 31, 2017. At the time of the deadline for the submission of CVs on April 14, 2017, 7 CVs were received. Based on the results of the bidding the contract was awarded to **Estebesov A.M.**
- **National Environmental specialist #APNIP/C.1/CS/Ind/77.** Selection method IC (individual consultant). The announcement for this position was posted in the newspaper Vecherniy Bishkek on May 5, 2017. At the time of the deadline for the submission of CVs on May 19, 2017, 11 CVs were received. Based on the results of the bidding the contract was awarded to **Neronova T.I.**

Financial Management

Accounting system. For financial management of the project, the PIU established accounting system based on the adapted software 1C, which is used for all accounting operations of the project and the creation of all financial reports, including interim Financial Monitoring Reports which are sent to the World Bank on a quarterly basis and are in line with the requirements of the Bank.

1C also creates a preliminary balance sheet at the end of each selected reporting year (month, quarter, year if necessary), which is checked by the financial manager to ensure the accuracy and completeness of accounting transactions. The software is installed in three accounting computers, a chart of project accounts has been developed, basic data has been introduced, daily, in the morning and in the evening, the 1C database is archived on computers in the accounting office and archived on an external hard drive on a weekly basis and stored in a safe.

The PIU has also developed and uses the Administrative and Financial Management Manual with procedures for budget planning, accounting and internal control, reporting and auditing. Procedures for internal control of financial expenses include division of responsibilities for approval of expenses, verification of bank reports with bank accounting, preparation and approval of payroll statements, and regular preparation of reports for various state organizations, as well as reports required under financing contracts.

The financial management and accounting is common to two projects implemented by the Department of Water Resources and Land Improvement: National Water Resources Management Project - Phase 1 and the Agricultural Productivity and Nutrition Improvement Project.

To conduct financial transactions under the project, the Ministry of Finance of the Kyrgyz Republic has opened the necessary accounts in the Central Operation Department of the OJSC Commercial Bank Kyrgyzstan.

Budget planning and execution.

The project budget for 2017 was signed by the Ministry of Finance of the Kyrgyz Republic for the amount of 5400 thousand US dollars, from this amount, in fact, 590,6 thousand US dollars have been used since the beginning of the year. The project budget for 2017 is planned taking into account the conducted and planned tenders for civil works, as well as the work program of consultants.

The execution of the project budget by years is shown in Table 1 below (in thousands of US dollars).

Table 1

Years		Planned budget	Actual execution	%	(+);(-)
2016		2000,0	541,5	27%	-1458,5
2017		5400,0	590,7	11%	-4809,3
Including	1st quarter 2017	1100,2	200,4	18%	-899,8
	2nd quarter 2017	1713,8	390,3	23%	-1323,5

Funding and use of funds

For the 1st half year of 2017, according to the GAFSP grant TF0A0645-KG, the withdrawal applications #2 and #3 were prepared for replenishment of the Designated Account for the amount of 963,4 thousand US dollars. All withdrawal applications for the amount of 963,4 thousand US dollars were approved by the World Bank and reimbursed.

Analysis of project financing by sources and use of funds at the end of Q2 2017 is given in the following table (in thousands US dollars).

Sources of funding and withdrawal of funds	Total funding for the project	Withdrawn funds from the project account by years			Withdrawn from the beginning of the project		Among them used for payments	
		2016	2017	2018	amount	% of total volume	amount	% to total volume
GAFSP Grant								
<i>Application for the initial advance payment</i>		2000,0			2000,0			
<i>Applications for replenishment</i>			963,4		963,4			
<i>Application for direct payments</i>								
Total for GAFSP Grant	38000,0				2963,4	8%	1132,2	3%
<i>Of which: are used to pay expenses</i>		541,5	590,7		1132,2		1132,2	

The analysis of the use of funds to pay expenditures by source and category of expenditure, cumulatively, is given in Table 3.

Table 3

Thousands US dollars

Expenditures by components and sources of financing	Total		
	Total amount for the project	Actual payments	% of use
Component 1. Rehabilitation and modernization of irrigation and drainage infrastructure	28000	1016,9	3,6%
Component 2. Agricultural Advisory Services	3500	2,1	0,06%
Component 3. Nutrition Improvements	4600	-	
Component 4. Project Management	1900	113,2	6%
Total of expenditures under the project	38000	1132,2	3%

Detailed data on the use of the Project funds are given in Annex B, tables PMR 1a and 1b. Also in the Annex are attached the bank statements on the project for the 2nd quarter of 2017.