

**2017**

**THE KYRGYZ REPUBLIC**

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

**Department of Water Resources and Land Improvement**

**Project Progress Report № 3: implementation of**

**“Agricultural Productivity and Nutrition Improvement”**

**3d 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. 3**

*Quarter III, 2017*

**PIU Director**

**Beishekeev K.K.**

**October 2017**

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

**AGRICULTURE PRODUCTIVITY AND NUTRITION IMPROVEMENT PROJECT**

<b>Total Project Cost:</b>	<b>USD 38,00 mln.</b>
<b>Donor:</b>	<b>Global Agriculture and Food Security Program</b>
<b>Grant Amount:</b>	<b>USD 38,0 mln.</b>
<b>Date of Signing:</b>	<b>March 18, 2016</b>
<b>Effectiveness Date:</b>	<b>September 14, 2016</b>
<b>Implementing Agency</b>	<b>Department of Water Resources and Land Improvement</b>
<b>Project Implementation Period:</b>	<b>6 years</b>
<b>Project Completion Date:</b>	<b>July 30, 2022</b>

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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

### **Индикаторы результативности ЦРП**

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 (USD 28 mln.);
- (ii) Agricultural Consultancy Services (USD 3.5 mln.);
- (iii) Scale-up nutrition interventions (USD 4.6 mln.) and
- (iv) Project Management (USD 1.9 mln.).

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 (USD 28 mln.).***

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 October 1, 2017, 10 WUAs were surveyed and a IDA form II developed to introduce it to the World Bank for revision and follow-up approval. Of which, 5 WUAs located in the north and 5 in the south of the country.

<b>Name of WUAs</b>	<b>Oblast</b>	<b>Rayon</b>
1. Bereke S WUA	Talas	Manas
2. Kara-Buura WUA	Talas	Kara-Buura
3. Belsovkhov WUA	Issyk-Kul	Jety-Oguz
4. Toktomush WUA	Naryn	Jumgal
5. SHM WUA	Chui	Moskovsky
6. Gauyan WUA	Batken	Kadamjay
7. Taimonku WUA	Jalal-Abad	Nookan
8. Kur-Tash WUA	Osh	Aravan
9. Jylaldy-Uzgen WUA	Osh	Uzgen
10. Sulayman-Suu WUA	Jalal-Abad	Ala-Buka

### ***Engineering solutions***

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 development of the projects was carried out as the WUA was prepared for selection according to the criteria of the World Bank, based on the survey, economic analysis and expressed WUA's desire to conduct rehabilitation works. From the beginning of the project implementation, design works were completed for 10 WUAs.

Information on the design works status is given in Annex A, Tables 1 and 2.

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. The project is subject to technical expertise by an independent expert: - State Agency for Architecture, Construction, Housing and Utilities under the Government of the Kyrgyz Republic (SAACHU). After the expert conclusion of SAACHU, tenders for rehabilitation work are announced.

For the preparation of design estimates in accordance with the schedule of design work, field surveys of on-farm irrigation systems in the following WUAs were carried out:

#### **Bash-Keltebek WUA**

Together with representatives of the WUA “Bash-Keltebek”, representatives of Kazybek ayil district, representatives of oblast and rayon WUA Support Units, the head water intake facility on the Bashkeltebek canal from the Bashkeltebek river system, on-farm canals and Night Storage Reservoirs were surveyed.



The irrigation system of the WUA “Bash-Keltebek” takes water from the system of the Bashkeltebek River to irrigate area of 1685 hectares. Also, this system takes water from the system of the river Chetkeltebek to irrigate area of 704 hectares. Total irrigated area of the WUA represents 2389 hectares.

When examining the technical condition of the on-farm network of the WUA “Bash-Keltebek”, it was found that the canals are in unsatisfactory condition, require reconstruction and equipping with the necessary hydraulic structures.

The head water intake facility on the Bashkeltebek River needs repair. The initial part of the Bashkeltebek canal is 2.7 km long, lined with L-shaped blocks. At some sites the bottom of the canal is destroyed, in different places the L-shaped blocks were drafted and broken. The rest of the canal is covered with P-4 slabs for 4 km. More than 60% of the slabs are destroyed and require replacement. The Night Storage Reservoir number 1 is downstream of the Bashkeltebek canal. At the moment, this NSR is out of work. It is necessary to repair the water outlet and increase the canal bank.

The Kytataryk canal takes water from the Chet-Keltebek river system. There is no head cross-regulator on the Kytatark channel. At present, water intake into the canal is carried out by means of temporary Gibb’s groin from the local soil. During the flood, when water intake is carried out in the Kytatarik canal, spurs and banks are destroyed. It is necessary to build a head cross-regulator. As a result of the survey and discussion, a common opinion was adopted on the need for rehabilitation of on-farm canals and structures. After the rehabilitation, farmers will receive the required amount of water and, accordingly, crop yields will increase. The planned rehabilitation measures will allow passage through the canal of the required amount of water, establish water records, ensure water distribution.



*The aqueduct across the Kara-Coin River*



*Head water intake facility on the Bashkeltebek River*

### **Toktomush WUA**

In the third quarter of this year, a discussion of design estimates with WUA representatives and a clarification of the volumes of works on canals and structures under rehabilitation, was held.

As a result of the discussion, a common opinion was adopted on the need for the construction of a head structure and a settler on the canals Janyaryk and Cholok, a topographic survey of the object was carried out and design and estimate documentation is currently being developed.

### **Kur-Tash WUA**

Development of working documentation and drawings of the subproject “Rehabilitation of the irrigation system of the WUA Kur-Tash in Aravan rayon of the Osh oblast” was completed, the IDA Form No.2 was developed, which resulted in the permission to conduct a tender.

In accordance with the IDA Form No.2, this subproject provides the following works:



- concrete lining of 16,151 km
- 29 overflow spillways
- 2 cross-regulators
- 1 protecting dike
- 2 guide walls
- 4 hydroposts
- 5 distribution wells
- 7 turning wells and water cushions
- 3 crossing bridges
- 7 pipe-crossings
- 1 inverted syphons
- 3 aqueducts
- 2 intersections of the concrete section with an earthen canal.

Preparation of WUA certification documents (agreement on the reimbursement of 25% of the rehabilitation loan, certificates of command areas, etc.) was completed, a meeting was held with zonal representatives of the WUA Kur-Tash, who selected the final option of rehabilitation of the WUA irrigation system, voted for the reimbursement of 25% of the amount of the rehabilitation loan. In addition, the deputies of the Too-Moyun Ayil Kenesh voted for the guarantee of the ayil okrug before the Government, i.e. if the WUA does not reimburse 25% of the loan amount, payments will be made from the local budget.



*Zonal representatives of WUA "Kur-Tash" rehabilitation option*



*Deputies of Too-Moyun ayil kenesh vote for choose a ayil okrug's guarantee*

## **Taimonku WUA**

The development of working documentation and drawings of the subproject “Rehabilitation of irrigation system of the WUA Taimonku in Nookan rayon of the Jalal-Abad oblast” was completed, the IDA No.2 developed.

In accordance with the IDA Form No.2 this subproject provides the following works:

- concrete lining of 8,069 km
- 6 cross regulators
- 7 overflow spillways
- 3 water cushions
- 7 weirs
- 3 turning wells
- 2 transition segments
- 1 outlet structure

- 2 crossing bridges.

Preparation of WUA certification documents (agreement on the reimbursement of 25% of the rehabilitation loan, certificates of command areas, etc.) was completed, a meeting was held with zonal representatives of WUA Taimonku who chose the final option for rehabilitation of the WUA irrigation system, voted for reimbursement of 25% of the amount of rehabilitation loan.



*Zonal representatives of WUA "Taimonku" vote for the rehabilitation option*

### **Sulaiman-Suu WUA**

Development of working documentation and drawings of the sub-project “Rehabilitation of the irrigation system of the WUA Sulaiman-Suu in Ala-Buka rayon of the Jalal-Abad oblast” was completed, the IDA Form No. 2 developed.

In accordance with the IDA Form No.2 this subproject provides the following works:

- concrete lining of 11,563 km
- 1 head structure
- 1 water intake structure
- 1 distributing facility
- 39 overflow spillways
- 1 aqueduct
- 3 distributing wells
- 5 turning wells
- 6 hydroposts
- 6 pipe-crossings
- 2 crossing bridges.

The preparation of WUA certification documents (agreement on the reimbursement of 25% of the rehabilitation loan, certificates of command areas, etc.) was completed, a meeting was held with zonal representatives of the WUA Sulaiman-Suu, who selected the final option of the rehabilitation of the WUA irrigation system, voted for the reimbursement of 25% of the amount of rehabilitation loan





*Topographical survey of on-farm canals of the WUA Sulaiman-Suu*

### **Kurshab-Arzybek WUA**

A survey of the irrigation network of the WUA Kurshab-Arzybek in the Uzgen rayon of the Osh oblast was carried out, a deficiency act was drawn up and the scope of rehabilitation works was determined.

The WUA Kurshab-Arzybek is located 40.0 km from the regional center of Osh, in the territory of the Kurshab ayil okrug of Uzgen rayon of the Osh oblast. The total length of the on-farm canals is 53.26 km in the earthen channel, so there are significant losses of water for filtration, as a result, 383 hectares of irrigated land are not watered, and lining with monolithic concrete is required. Due to a shortage of funds, most of the water discharge facilities, water measurement facilities, bridges and tubular crossings are in a faulty condition.

Currently, the IDA Form No.1 is being developed on the basis of a deficiency act and the initial documentation of the WUA.



*Survey of on-farm canals of the WUA Kurshab-Arzybek*

### **Kyrk-Bulak WUA**

A field survey of the irrigation network of the Kyrk-Bulak WUA was carried out, a deficiency act was drawn up and preliminary scope of rehabilitation works were determined, on the basis of which the IDA Form No. 1 developed.

In accordance with the IDA Form No.1 this subproject provides the following works:

- concrete lining of 8,359 km
- 36 overflow spillways

- 2 distribution wells
- 1 inverted syphon
- 4 overchutes
- 8 crossing bridges.

The WUA Kyrk-Bulak is located in 50.0 km from the rayon center Isfana in the territory of the Katran ayil okrug of Leilek rayon of the Batken oblast. The peculiarity of this WUA is that it takes water from the off-farm Teshik canal for its further delivery into on-farm canals Teshik-1 (by gravity flow) and Teshik-2 (using the Teshik pumping station). The total length of on-farm canals is 17.90 km, of which 12.30 km in L-shaped blocks, 4.90 km in reinforced concrete trays, 0.40 km in steel pipes, and the remaining 0.30 km in earth canal.

Because of the prolonged operation, reinforced concrete trays and L-shaped blocks are worn, as a result, technical losses of water are observed. Difficult water distribution due to faulty water outlets. Mudflow check facilities do not provide the passage of mudflows. Difficult transportation due to emergency condition of bridges-crossings.



*Inspection of on-farm canals of the WUA Kyrk-Bulak*

Also, under the NWRMP-1, 6 pilot systems were identified, in which the rehabilitation work will be carried out on the following systems:

### **BTC Off-Farm Canal**

The design estimates for the subproject “Rehabilitation of the Main Big Talas Canal and collector-drainage network in Cholponbai Aiyl Aimak of the Kara-Buura rayon of the Talas region” were prepared. The following works are envisaged under this subproject:

1. Control and measurement facilities to be installed at the wire-weight gauge HM258 + 00 and at the R-18 pipe branch providing the water to the Mol-Bulak WUA of Cholponbay ayil aymak, i.e. to command area of 1967 hectares, between the Bakai-Ata and Kara-Buura rayons, from the Big Talas Canal. This contributes to the improvement of water resources management on this canal and the adoption of operational decisions.
2. To increase the capacity of the canal from HM76 + 52 to HM82 + 77 (625m), an increase in the construction height of the canal, construction of 2 new facilities on this site, rehabilitation of aqueducts and canal ducts are envisaged.



3. The project provides for mechanized drainage washing for 7.7 km and a drainage excavation for 220 m.



*Big Talas Canal*

### **Sovkhozny Off-Farm Canal**

The control and measurement facilities will be installed on Sovkhozny Off-Farm Canal, in particular, on branches of off-farm and on-farm canals.

### **Komsomolsky Main Canal**

The design estimates for the subproject “Rehabilitation of the Komsomolsky Main Canal in Ak-Suu and Tyup rayons of the Issyk-Kul Oblast” are prepared.

On the Komsomolsky Canal, the project provides for rehabilitation of old gauging stations (hydroposts) with installation of 8 control and measurement facilities, construction of 9 new gauging stations including installation of instrumentation, construction of 7 overflow spillways, mechanized cleaning of existing off-farm drainage of 4.4 km and construction of 3 cross regulators and 1 hydropost.



*The section of the Komsomolsky Canal for the designed gauging station on the border of the WUA Jayylma-Shapak and HM 78 + 78*



*Off-farm water collector C-1 HM 62+00*

### **Shakaftar Off-Farm Canal of Ala-Buka RVK**

In accordance with the Terms of Reference for the development of project documentation issued by the Department of Water Resources and Land Improvement of the Kyrgyz Republic, a field survey and topographic survey of the off-farm canal Shakaftar in Ala-Buka district of Jalal-Abad oblast was carried out jointly with specialists from Ala-Buka RVK.

The off-farm canal Shakaftar is located 285.0 km from the city of Jalal-Abad, and managed by the Ala-Buka RVK. It takes water from the river Sumsar-Sai with the help of the head water intake

facility. The canal was built in 1973, the total length of the canal is 13.9 km, of which 9.4 km in concrete lining, the remaining 4.5 km in the earthen canal. The command area is 1110 hectares, the maximum capacity is 3.0 m<sup>3</sup>/sec. The Shakaftar canal irrigates lands of the ayil okrugs of 1-May, Kok-Serek and Kok-Tash in Ala-Buka rayob and Sumsar village council of the Chatkal rayon.

The capacity of the Shakaftar canal is reduced because of its regular siltation by bottom sediments from the Sumsar-Sai river, as a result, there is an acute shortage of irrigation water for water users in the Ala-Buka and Chatkal rayons.

To combat the penetration into the Shakaftar canal of bottom sediments from the Sumsar-Sai river, sub-project provides for the construction of a head sediment tank (settler) from HM2 + 47.10 to HM2 + 87.10 with a hydraulic flushing to 5.0 m<sup>3</sup>/s of water. The project provides for the construction of a settler made of monolithic reinforced concrete of rectangular cross-section with a variable depth from 0.5 to 3.0 m and a width of 5.0 m (the first option), as well as a trapezoidal section (the second option) with a cantilever discharge into the Sumsar-Sai river through a gallery of a closed type. In addition, the location of the settler has been changed from the original version for its more efficient operation.



*Topographical survey of the Shakaftar off-farm canal*

### ***Subprojects under construction***

7 rehabilitation contracts were concluded for 6 subprojects which will be transferred from the project “Second On-Farm Irrigation Project, Additional Financing” to the APNIP project.

Out of 7 contracts that are transferred from the OIP-2 AF, 6 contracts have been completed, 1 contract has not been completed (WUA Alagoz-Kaba, Lot #2 - OsOO “Tenechim”)

Description of the object under construction for WUA Alagoz-Kaba, Lot # 2, is presented in this report below.

### ***“Rehabilitation of the on-farm irrigation network in the WUA Alagoz-Kaba in Ton rayon, Issyk-Kul oblast, Contract OIP-2 AF/NCB-17 LOT No. 2***

<i>Contractor:</i>	OsOO Tenechim
<i>Cost of work:</i>	KGS 22 284 988;
<i>Revised cost:</i>	KGS 25 577 008
<i>Period of construction:</i>	13.03.15 – 20.11.17

Work on the site began in March 2015. An analysis of the work performed at this site revealed that the contract organization OsOO Tenechim lags far behind the approved schedule of work due to poor work organization and dishonest attitude.

The Project Implementation Unit repeatedly reminded of the backlog of the work schedule and sent a letter of notification of imposing fines in accordance with clause 46.1 of the terms of the contract. The management of the contractor organization undertook to complete the rehabilitation work by 20.11.2017. Currently, the site is not being rehabilitated. The PIU believes that the reason for not completing the rehabilitation work is negligence and non-compliance of the contractor organization. PIU prepares documents for inclusion of this organization in the “black list”, for further non-admission to tender.

### ***Completed subprojects***

As of the reporting date, the rehabilitation of the on-farm irrigation network in 5 WUAs, which are transferred from the OIP-2 AF project, is completed, of which: 3 subprojects in the northern region and 2 subprojects in the southern region.

The list of WUAs in which the rehabilitation works are completed is presented in Table 1.1



Table 1.1

#	Oblast, WUA name	Rayon	Ayil Okmotu	WUA irrigated area (ha)	Terms of construction, date		Initial cost of the contract, KGS	Actual cost (including price adjustment), KGS	Deviation of actual cost from the initial one %
					Beginning	Completion			
	ISSYK-KUL								
1	Kashka-Suu 4878	Jety-Oguz	Jety-Oguz	3 360	01.10.14	20.05.17	41 346 379	47 618 874	115%
2	Alagoz-Kaba, Lot # 1	Ton	Ak-Terek	1 963	12.03.15	20.05.17	30 150 639	34 775 274	115%
	CHUI								
3	Ak-Bulak-Suu	Alamedin	Ala-Archa	1 816	01.10.14	26.05.17	30 379 276	33 790 636	111%
	TALAS								
4	Taldy-Bulak	Talas	Taldy-Bulak	1 229	10.11.14	25.05.17	19 992 915	22 325 097	112%
<b>4</b>	<b>Total for the northern region</b>			<b>8 368</b>			<b>121 869 209</b>	<b>138 509 881</b>	<b>114%</b>
	JALAL-ABAD								
1	Myrza-Suu	Bazar-Korgon	Seydikum	2 215	01.10.14	30.04.17	49 591 001	54 697 789	111%
2	Jany-Aryk SA	Nooken	Burgondu	1 856	01.07.14	25.05.17	39 232 119	46 250 374	118%
<b>2</b>	<b>Total for the southern region</b>			<b>4 071</b>			<b>88 823 120</b>	<b>100 948 163</b>	<b>114%</b>
<b>6</b>	<b>Total for the project</b>			<b>12 439</b>			<b>210 692 329</b>	<b>239 458 044</b>	<b>114%</b>

Under the completed contracts, the actual cost of construction works as a whole for the project increased by 14% of its initial value. This is due to the fact that:

- For some contracts, during the construction process, changes occurred in the project that took into account additional scope of work or the replacement of one type of work with another at the request of the WUA.

An increase of 14% from the design estimates is permissible within the scope of the World Bank authorization.

All changes in the cost of contracts are coordinated with WUAs, PIU and IDA.

Totally, 89.8 km of irrigation canals were repaired under completed contracts, 1 NSR was cleaned, 20 gauging stations and 421 facilities were constructed, water availability of irrigated land was increased on an area of 12,439 hectares. Detailed information on the physical volume of rehabilitation for each sub-project is given in Annex A, Table 3 and 4.

### ***Protection of the environment***

In order to ensure compliance of the proposed project with the principles and practice of environmental management and the requirements of the environmental protection policy, the requirements of the legislation of the Kyrgyz Republic, as well as the World Bank policy on environmental safety measures, the following activities were carried out during the 3rd quarter of this year.

- 1) Survey of WUAs to be rehabilitated:
  - ✓ WUA “Kara-Buura” in Kara-Buura rayon of the Talas oblast;
  - ✓ WUA “Bolkuldok-Suu” in Talas rayon of the Talas oblast;
  - ✓ WUA “Kur-Tash” in Aravan rayon of the Osh oblast;
  - ✓ WUA “Taimonku” in Nookan rayon of the Jalal-Abad oblast;
  - ✓ WUA “Toktomush” in Jumgal rayon of the Naryn oblast.



*Water distributing site of the Taimonku WAU*



*Jany-Aryk Canal of the Toktomush WUA*

During the survey, it was identified:

- I. In WUA Taimonku, near the water distributing site, there are residential buildings. Therefore, rehabilitation work can have a negative impact on residents living nearby: noise, dust. The environmental management plan will provide for mitigation measures and some supervision over the rehabilitation by the contractor.
- II. In the area of location of other WUAs there are no residential buildings. Therefore, rehabilitation works will not affect the quality of atmospheric air in residential buildings.
- III. Most of the territories of the WUAs under rehabilitation are densely planted with tree and shrub vegetation, which will need to be cut down during rehabilitation. In this

regard, deforestation of tree and shrub vegetation will be coordinated with environmental authorities, where required.

- 2) Environmental management plans (EMPs) for the following WUAs have been developed:
  - a. WUA Kur-Tash in Aravan rayon of the Osh oblast;
  - b. WUA Taimonku in Nookan rayon of the Jalal-Abad oblast;
  - c. WUA Kara-Buura in Kara-Buura rayon of the Talas oblast;
  - d. WUA Toktomush in Jumgal rayon of the Naryn oblast.
- 3) In order to inform water users, representatives of farms, ayil okmotu, population and farmers about the environmental impact during the rehabilitation work within the project, the public awareness activities were conducted in the following WUAs:
  - a. WUA Kur-Tash in Aravan rayon of the Osh oblast;
  - b. WUA Taimonku in Nookan rayon of the Jalal-Abad oblast;
  - c. WUA Toktomush in Jumgal rayon of the Naryn oblast.

All participants of public hearings supported the implementation of the project. Based on the results of public hearings, minutes were drawn up and signed by the participants.



*Public hearings in Aviz village, WUA Kurt-Tash, Aravan rayon, Osh oblast*



*Public hearings in Arimjan village, WUA Taimonku Jalal-Abad oblast*

## **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.

For this component, in May this year, a coordinator of agricultural advisory services was hired, who began 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. To date, the World Bank has approved the terms of reference for an international consultant (MC) on improved productivity of irrigated agriculture, and a tender has been organized for the selection of the MC. The following Terms of reference were developed, approved with the DWRLI and sent to the WB for No Objection: 1) advisory services for the preparation of agricultural production development plans, including the preparation of TOR and contract management for advisory services; 2) advisory services for the establishment and operation of demonstration plots and provision of training; and 3) social mobilization and the formation of Self-Help Groups (SHG) in villages (mainly consisting of women), as well as training services for SHG on household plots.

At the same time, draft budgets for all advisory services are agreed upon with the Project Procurement Plan, which also undergo the approval procedure with DWRLI and WB.

### **Component 3            Nutrition Improvements**

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

There will be a parallel implementation of four sub-components: (i) community-based nutrition education program; (ii) the provision of nutritional supplements; (iii) diversification of the diet through improved cultivation of agricultural services on household plots; and (iv) better coordination at the national level in the implementation of food security and quality nutrition activities.

For this component, in September this year, a coordinator of agricultural advisory services was hired, who began to perform his duties within the terms of reference.

Since this component is implemented jointly with the Ministry of Health, in partnership with the United Nations Children's Fund (UNICEF), the World Food Organization (WFP), the Rural Health Committees, meetings were held to organize cooperation for joint work.

Surveys on nutrition organization for 2016-2017, technical specifications, purchases of iron preparations with folic acid for children, plans for 2018-2019, a protocol on ANU of MHKR (prevention of iron deficiency anemia in pregnant women, features of nutrition) were reviewed.

Terms of references were prepared for: 1) an international consultant on the diversification of nutrition, which is sent to the World Bank for No Objection; 2) for a training company that is for approval by the DWRLI.

Within the framework of the component, a coordinator of the Expert Group on Food Security and Nutrition as a working body of the Coordinating Council for Food Security and Nutrition under the Government of the Kyrgyz Republic was hired to analyze the implementation of the Food Security and Nutrition Program for 2015-2017 (Decree of the Government of the Kyrgyz Republic of September 4, 2015, No. 618), as well as to develop proposals to improve the coordination of actions of all partners and stakeholders in this area. The technical assignments were prepared for the specialists of the group, which are in the process of approval by the World Bank.

## **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<sup>a</sup> Toktonaliev Street. The main PIU staff consists of 6 people.

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.

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

The presented memorandums (aide memoires) contain the main discussions and conclusions of the 2nd IDA Mission. The fulfillment of the planned activities for the 2nd Supervision Mission of IDA is given in Table 4.1.

### **4.1 Public awareness about project activities**

In order to inform and improve the awareness of all stakeholders about the activities of the project “Agricultural Productivity and Nutrition Improvement” (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 about the activities of the project “Agricultural Productivity and Nutrition Improvement” (APNIP), the draft communication strategy is currently being developed as a tool through which all the information work of this project and the project “National Water Resources Management - Phase 1” 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 systems; (iii) providing insight to decision-makers on the benefits of ongoing projects.

At the same time, the main promise for public awareness remain the conditions created for the implementation of projects 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 throughout the country, that contributes to agricultural productivity and labor increase, food security, nutrition-food and rural life stability.

In order to achieve the above objectives, the following tasks will be performed: (i) delivering key messages to target groups and informing stakeholders about activities undertaken under the APNIP and NWRMP-1 (objectives, beneficiaries' opportunities and benefits, achieved and expected results); (ii) creating new and strengthening existing bilateral communication mechanisms with two target groups.

The primary target groups are: the population and WUAs in 60 aiyl aymaks (AA), not yet rehabilitated; (ii) vulnerable families, women and children; (iii) WUA management bodies (Council, Directorate, Dispute Resolution Commission, Audit Commission); (iv) SHG (women's self-help groups); (v) government bodies (Government, profile ministries and commissions of the Jogorku Kenesh, regional, district state administrations, local authorities).

To support the implementation of projects, information work should also be carried out with the secondary target group - civil society and the media, which can also act as communication channels. In relation to each stakeholder, in accordance with the objectives, the instruments and mechanisms of interaction were identified, and an action plan was developed, the implementation of which will be carried out in subsequent reporting periods.

In the third quarter of 2017, work was carried out to inform the public about project activities, in particular, with representatives of regional WUA Support and Development Units and WUAs themselves. The project is also constantly working on highlighting the most important events held under the project “Agricultural Productivity and Nutrition improvement” on the project website - [www.apnip.kg](http://www.apnip.kg), site of the Department of Water Resources and Land Improvement - [www.water.kg](http://www.water.kg), and also on the website of the Ministry of Agriculture, Food Processing and Land Improvement of the Kyrgyz Republic - [www.agroprod.kg](http://www.agroprod.kg).

But, in view of the recent launch of the project, the main activities (seminars, training courses, public hearings, field visits) for the components have not yet begun in the framework of this project and the information work on the project is proceeding slowly.

According to the approved schedule, articles for the WUAs magazine “Vestnik” from regional WUA SDU for the 3rd quarter were provided, materials for the 22d issue of the magazine were prepared. The collected materials were sent to the printing house for replication and then distributed among the regions.

Also during the reporting period, work was carried out to increase the awareness of stakeholders through the publication of articles on the activities carried out under the APNIP on the sites of the project, DWRLI and MAFPLI. In particular, 2 articles are posted on the website of the project, 2 articles on the website of the DWRLI and 1 article on the website of the MAFPLI.

Consolidated Table of the information campaign of the project for the 3rd quarter of 2017 in the context of DWRLI and oblasts is given below.

Name of organization	TV	Radio	Magazine “Vestnik”	Central press	Oblast press	Rayon press	“Sun-Omur- Bulagy”	Internet
MAFPLI								1
DWRLI								2
WUA Union								
Chui								
Batken								
Osh								
Talas								
Naryn								
Jalal-Abad								
Issyk-Kul								
Oblast WUA S&DU								
PIU			22-d edition					2
<b>Total for the Republic</b>			<b>1 edition</b>					<b>5</b>

Currently, work is under way to post news materials and photo reports on the project Web-site, work is under way to collect materials from regional WUA S&DUs for the 23d issue of the



magazine “Vestnik”. Work is underway to prepare materials for the publication of desktop 3-tiered calendars, diaries, information posters on the activities of the project for 2018.

Work is also under way to organize a seminar on the launch of the project. The seminar is planned to be held in November 2017 with the participation of all interested parties in the project implementation. A draft program and a preliminary list of participants were prepared and sent for consideration and approval by the bank. Along with preparation for the seminar, work is being done on preparing a booklet on project activities in Kyrgyz, Russian and English, an information poster on the project in Kyrgyz and Russian languages, as well as presentations on the current status of ongoing work under the project.

The ongoing project implementation activities have close feedback with key beneficiaries. In particular, the PIU receives positive feedback from beneficiaries about the seminars, training courses, public hearings, awareness of interested parties through published articles in magazines, booklets, information posters and websites. Such activities carried out by the project are positively reflected in the activities of water user associations related to the water use, operation and maintenance of the irrigation infrastructure 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” WUA magazine), booklets, information posters and other materials produced by PIU. In addition, they receive a lot of information, through the information material posted on the Websites of the project, DWRLI and MAFPLI. All these activities are positively reflected in the work of water user associations of the country.

#### **4.2 Legal aspects of PIU activities**

The following work has been carried out on legal issues: a draft resolution of the Government of the Kyrgyz Republic “On measures to ensure the reimbursement of State borrowed funds by Associations of water users and unions of water user associations re-credited by the Government of the Kyrgyz Republic under the APNIP”. At present, the Draft Resolution is at the stage of signing by the Government of the Kyrgyz Republic (Note: this resolution was signed on October 5, 2017, No. 649).

#### **4.3 Procurement**

The project provides for the following types of procurement: advisory services, goods and work.

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 3rd quarter of 2017 is presented below.

##### **4.3.1. Procurements of advisory services**

In the third quarter of 2017, according to the procurement plan, the PIU was to carry out procurement of advisory services in the following categories (*Annex B*):

- ✓ The TOR for the Expert Group on food security was sent for NO to the World Bank on July 13, 2017. The NO from the World Bank was not received (*NO received only on October 25, 2017, the Bid will be announced on November 3, 2017*).
- ✓ International consultant on improved productivity of irrigated agriculture, NO for TOR is not received from the World Bank. (*NO was received from the World Bank on October 2, 2017, a Bid was announced, the deadline for the submission of CVs is October 27, 2017*).
- ✓ M&E Coordinator, the tender was announced on September 15, the deadline for submitting the CVs is September 29, 2017, the evaluation stage of the CVs is underway.

*In fact, in the 3rd quarter the following types of procurements were made:*

- **Coordinator for nutrition improvement (Component 3) No. APNIP/C.4/CS/IC/57.** Selection method IC (individual consultant). The announcement for this position was posted in the newspaper “Slovo Kyrgyzstana” on June 2, 2017. As a result of the tender, the contract was awarded to **Mrs. S. Bozova**.
- **PIU Deputy Director No. APNIP/C.4/CS/IC/78.** Selection method IC (individual consultant). The announcement for this position was posted in the newspaper “Vecherniy Bishkek” on July 21, 2017. The applicants were 15 people, but since according to the results of the evaluation of the CVs, no one meets the qualification requirements, it was decided not to award a contract to anyone. The revised TOR is sent for NO to the World Bank.

#### ***4.3.2. Procurement of goods***

*In fact, in the 3rd quarter of 2017, the following types of procurement of goods were made:*

- **Cars procurement.** The contract **APNIP/C.1/G/S/01** of August 2, 2017 was awarded to ABM Auto OsOO, for the amount of KGS 4.350.000.

#### ***4.3.3. Procurement of works***

In the third quarter of 2017, according to the procurement plan, the PIU was to carry out procurement of works in the following categories (*Annex B*):

- ✓ The rehabilitation of the irrigation system of the WUA Belsovkhoz in the Jety-Oguz rayon of the Issyk-Kul oblast was held on September 22, 2017, currently it is in the evaluation stage.
- ✓ The rehabilitation of the irrigation system of the WUA Bereke-S in Manas rayon of the Talas oblast was carried out on October 6, 2017, currently it is in the evaluation stage.
- ✓ The tenders were announced for the rehabilitation of the irrigation system of the WUA Gauyan, the deadline for submission of bidding documents is November 15, 2017; and WUA Kur Tash, the deadline for submission of bidding documents is November 14, 2017.

*In fact, in the 3rd quarter of 2017, the following types of procurement of works were made:*

- **Procurement of works to repair the DWRLI building.** The announcement on this tender was placed in the newspaper “Slovo Kyrgyzstana” on July 19, 2017. The contract **APNIP/C.1/CW/S/26** of August 21, 2017 was awarded to “Tylen and Bai” OsOO for the amount of KGS 4.150.920.

## 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, 928,2 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 project of the budget for the 3rd quarter of 2017 was approved by the Ministry of Agriculture, Food Processing and Land Improvement of the Kyrgyz Republic, agreed with the Ministry of Finance of the Kyrgyz Republic in the amount of 1,585.7 thousand US dollars (Annex C).

The execution of the project budget by years is shown in Table 1.2 below (in thousands of US dollars).

*Table 1.2*

Years		Planned budget	Actual execution	%	(+);(-)
2016		2000,0	541,5	27%	-1458,5
2017		5400,0	928,2	17%	-4471,8
Including	1st quarter 2017	1100,2	200,4	18%	-899,8
	2nd quarter 2017	1713,8	390,3	23%	-1323,5
	3d quarter 2017	1585,7	337,5	21%	-1248,2

### Funding and use of funds

For the 9 months of 2017, according to the GAFSP TF0A0645-KG Grant, applications No. 2, 3, 4 for replenishment of the Special Account in the amount of 1388.85 thousand US dollars were

issued. All applications for 1388.85 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 Q3 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 amount	Сумма	% to total amount
<b>GAFSP Grant</b>								
<i>Application for the initial advance payment</i>		2000,0			2000,0			
<i>Applications for replenishment</i>			1388,8		1388,85			
<i>Application for direct payments</i>								
<b>Total for GAFSP Grant</b>	<b>38000,0</b>				<b>3388,85</b>	<b>8,9%</b>	<b>1469,73</b>	<b>3,9%</b>
<i>Of which, are used to pay expenses</i>		541,5	928,19		1469,73		1469,73	

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

Table No. 3

Thousand 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	28 000,00	1 276,24	4,56%
Component 2. Agricultural Advisory Services	3 500,00	3,08	0,09%
Component 3. Nutrition Improvements	4 600,00	4,53	0,10%
Component 4. Project Management	1 900,00	185,88	9,78%
<b>Total of expenditures under the project</b>	<b>38 000</b>	<b>1 469,73</b>	<b>3,87%</b>

Detailed data on the use of the Project funds are given in Annex C, tables PMR 1a and 1b. Also in this Annex are attached the bank statements on the project for the 3<sup>d</sup> quarter of 2017.

A significant delay in budget execution is the backlog of procurement for rehabilitation work, a backlog in hiring an international consultant on improved irrigated farming productivity and an international nutrition diversification specialist, and hiring consulting companies.

Table 4.1

**STATUS OF AGREED ACTIONS (CONTAINED IN THE AIDE MEMOIRE OF THE SECOND IDA MISSION UNDER APNIP) AS OF OCTOBER 1, 2017**

	Agreed actions	Progress status/Comments	Date	Responsible
<b><i>Component 1. Rehabilitation and modernization of irrigation and drainage infrastructure</i></b>				
1.	Revision of the implementation plan for the first batch of 9 WUAs.	Currently, out of 9 WUAs prepared for the tender, a tender for 2 WUAs (Belovkhoz, Bereke-S) has been announced and bids are being evaluated, the announcement for 3 WUAs (Gauyan, Kur-Tash and SHM) will be published in October, and for the remaining 4 WUA tenders will be announced before the end of the year.	July 24, 2017	PIU
2.	As for the contracts in which the alleged defects were identified, DWRLI will present an inventory and an action plan for the elimination of these defects	With regard to 6 WUAs moving from OIP-2 AF and completed within the framework of APNIP, rehabilitation works were completed in 5 WUAs in the 3rd quarter of this year, and for the WUA “Alagoz-Kaba”, Lot No. 1 (sub-project) is completed, and Lot No. 2 (rehabilitation works) is not completed, due to an unfair attitude of the contractor OsOO “Tenechim”.	July 24, 2017	PIU
3.	Provide staffing schedule for engineers	<p>The staffing schedule for the PIU engineers is presented in the procurement plan, and the following specialists are provided:</p> <ol style="list-style-type: none"> <li>1. Coordinator-Chief Engineer - 1 person.</li> <li>2. Regional engineer for the South - 1 person.</li> <li>3. Regional engineer for the North - 1 person</li> <li>4. Engineers for the design of irrigation systems - 10 people. (4 people in the North, 6 people in the South)</li> <li>5. Engineers-estimators - 2 people.</li> </ol> <p>Engineers for technical supervision – depending on rehabilitated facilities.</p> <p>Technical requirements have been prepared for them with a detailed description of roles and responsibilities including a mechanism of reporting and responsibility, and these ToRs are sent for No Objection to the World Bank. To date, approval has been received for the engineering</p>	July 31, 2017	PIU

	<b>Agreed actions</b>	<b>Progress status/Comments</b>	<b>Date</b>	<b>Responsible</b>
		coordinator and the regional engineer for the south. The engineers for the design of irrigation systems has been transferred from the OIP-2 AF to the APNIP. The Engineers for Technical Supervision will be recruited as contracts for rehabilitation are awarded. To date, there is no approval from the WB for the ToR for the regional engineer for the North and for 2 estimators.		
4.	The contract management plan for rehabilitation work detailing contract management procedures	The PIU is currently developing a contract management plan that will describe the contract management procedures in accordance with the Kyrgyz Legislation and the World Bank's Procurement Guidelines.	July 31, 2017	PIU
5.	Provide IDA-II Forms and tender documents for 7 additional WUAs (1 batch) to the Bank	Out of the 7 additional WUAs (1 batch), 3 forms of IDA-II have been completed, including WUAs “Sulaiman-Suu” and “Taimonku” which were translated and sent to the World Bank in the beginning of October. Regarding WUA “Jylaldy-Uzgen”, the form of IDA-II is completed, however, in accordance with the Budget Code of the Kyrgyz Republic, it is not eligible to receive a loan because the WUA is in arrears on previous loans. This WUA makes all efforts to early repayment of debt, in case of loan repayment, a tender for rehabilitation works will be announced.	August 8, 2017	PIU
6.	Publication of information on the tender for the implementation of works in 9 WUAs (Batch 1).	The tender for WUA Belovkhoz was announced in the media in August, and for the WUA Bereke-S, the announcement was made in September. For WUAs “Kur-Tash”, “Gauyan” and “CHM”, tenders will be announced in October this year, and for the remaining WUAs the tenders will be announced before the end of this year.	August 30, 2017	PIU
7.	Provide Forms of IDA-I for 14 WUAs to the Bank (Batch 2).	For 5 WUAs: “Tasma-Karanar”, “Bash-Keletebek”, “Bolkuldok-Suu”, “Kirk-Bulak” and “Kurshab-Arzybek”, the calculation of the economic analysis is in the process. As for the WUA “Umetaly”, the IDA Form-I is being completed and translated and will be sent at the end of October or early November. The IDA Form-I for the WUA “Jany-Turmush” was developed, but, during the IDA mission, the head of the village Council refused to do rehabilitation work and for this reason, the rehabilitation work in this WUA is suspended before the decision will made. The WUA “Kosh-Kol” for today refused to rehabilitate. As for the remaining WUAs, works are underway.	August 30, 2017	PIU

	<b>Agreed actions</b>	<b>Progress status/Comments</b>	<b>Date</b>	<b>Responsible</b>
8.	Start of work in 9 WUAs (Batch 1)	The tender was announced for 2 WUAs (“Belsovkhoz” and “Bereke-S”) and the bids are being evaluated. As for the WUA “Belsovkhoz”, the contract will be awarded until the end of October.	September 1, 2017	PIU
9.	Beginning of development of detailed subprojects for 14 WUAs (Batch 2) after approval of IDA-I forms by the Bank	This work will be carried out after the approval of the IDA Form-I by the World Bank	August 1, 2017	PIU
10.	Completion of the works under OIP-2 AF	For 6 WUAs moving from OIP-2 AF, works are completed in 5 WUAs, and for the WUA “Alagoz-Kaba”, Lot No. 1 is completed, and Lot No. 2 is not completed.	July 30, 2017	PIU
<b>Component 2. Agricultural advisory services</b>				
1.	Completion and sending of the ToR for supporting organizations to the Bank	ToR is being finalized according to the WB's comments.	July 24, 2017	PIU
2.	Completion and sending of the ToR for International Experts to the Bank	Completed	July 24, 2017	PIU
3.	Completion and sending to the Bank of the ToR for the provider of services for demonstrating the on-farm management of water resources	Completed	July 24, 2017	PIU
4.	Completion of the work plan and budget for component	In the process of adjustment, in connection with the movement of time frames and the adjustment of budget indicators.	July 24, 2017	PIU
5.	Signing a contract with a supporting organization	The contract will be concluded after the TOR has been approved and the tender is conducted.	September 30, 2017	PIU
6.	Hiring under the contract of the international expert	Tender announced in October.	September 30, 2017	PIU
7.	Hiring a provider of services for demonstrating the on-farm management of water resources	ToR is sent to the World Bank for No Objection.	September 30, 2017	PIU
<b>Component 3. Nutrition Improvements</b>				
1.	Completion and sending to the Bank of ToR for an international specialist in diversification of the diet	This ToR was finalized in coordination with the Ministry of Health of the Kyrgyz Republic and the DWRLI and sent to the World Bank for approval	July 24, 2017	PIU
2.	Hiring under the contract of the Nutrition Coordinator	The contract is concluded on August 14, 2017	July 24, 2017	PIU



	<b>Agreed actions</b>	<b>Progress status/Comments</b>	<b>Date</b>	<b>Responsible</b>
3.	Completion and sending to the Bank of ToR for members of the Expert Group	All ToRs for experts were finalized and sent on September 14, 2017 to the WB.	July 30, 2017	Head of EG /PIU
4.	Hiring under the contract of the International Diversification Specialist	The ToR for an international specialist on diet diversification is not approved by the World Bank.	September 30, 2017.	PIU
5.	Completion of the work plan and budget for component	The work plan is drawn up on a quarterly basis, is coordinated with the Ministry of Health of the Kyrgyz Republic and approved by the DWRLI and the budget for 2018 is drawn up.	September 30, 2017.	Nutrition Coordinator/PIU
6.	Follow-up with the Ministry of Health for the purchase of iron-folic acid and micronutrient powder as part of the SWAp-2 project and the distribution mechanism in the target areas of the APNIP.	The Coordinator of Component 3 is a member of the working group of the Ministry of Health of the Kyrgyz Republic on procurement and technical specifications for preparations of iron with folic acid. Currently, the need for Gulazik and iron preparations with folic acid in the selected 9 sites is being determined.	July - September 2017	Nutrition Coordinator
<b><i>Subcomponent 3.3 Households Nutrition Improvement through Home Gardening</i></b>				
1.	Finalization and sending to the Bank of ToR for Organizations for Social Mobilization (OSM)	Completed.	July 24, 2017	Coordinator for Agriculture/PIU
2.	Finalization and sending to the Bank of the ToR for the Training Organization	Completed.	July 24, 2017	Coordinator for Agriculture/PIU
3.	Completion of the work plan and budget for the subcomponent	In the process of adjustment, in connection with the movement of time frames and the adjustment of budget indicators.	July 24, 2017	Coordinator for Agriculture/PIU
4.	Completion of ToR for the International Diversification Specialist	ToR is sent to the World Bank for No Objection	July 24, 2017	PIU
5.	Contracting the Organization for Social Mobilization (OSM)	Contracting OSM is planned at the end of November this year.	September 30, 2017.	PIU
6.	Contracting Training Organization	The hiring of the Training Organization is planned after the approval of the WB for TOR is received.	September 30, 2017.	PIU
<b><i>Subcomponent 3.4. Strong coordination at the national level in matters of food safety and quality food ensuring</i></b>				
1.	Completion of ToR for the remaining staff of the Expert Group to assist the Secretariat of the Council on Food Safety and Nutrition	All ToRs for experts were finalized and sent on September 14, 2017 to the WB.	July 30, 2017	Head of EG /PIU
<b><i>Component 4. Project Management</i></b>				

	<b>Agreed actions</b>	<b>Progress status/Comments</b>	<b>Date</b>	<b>Responsible</b>
1.	Hiring a Deputy Director responsible for the APNIP	An evaluation report was submitted to the World Bank, with a proposal for a retender and a revised ToR for the deputy director for approval. On October 26, 2017, approval for ToR was obtained.	August 30, 2017.	PIU
2.	Hiring of other key specialists	Coordinators for components 2 and 3 are hired, as well as the coordinator for the expert group of the CFSN. On October 23, 2017, an approval was received for the ToR for coordinator for engineering issues, and for 2 experts from the expert group of the CFSN	August 30, 2017.	PIU
3.	Hiring a M&E Coordinator and a M&E Specialist under the contract	A tender for a M&E Coordinator has been announced, the bids are being evaluated.	August 30, 2017.	PIU
4.	Simplify and systematize M&E activities in order to clearly reflect the linkages between OIP-2 AF, APNIP and NWRMP-1 and NWRMP-2 (in preparation) and ensure consistency of data and information in various project reports and studies	Completed.	August 30, 2017.	PIU
5.	Conduct an inventory of M&E products, data and information, and create a digital library on M&E.	Completed.	August 30, 2017.	PIU
6.	Ensuring the participation of women in community meetings and decision-making processes related to the project activity.	PIU is working to involve and participate women in WUA council meetings, as well as in decision-making processes related to project activities. Draft ToRs have been developed for the creation of self-help groups mainly for women, in 300 villages of the republic.	On a regular basis	PIU
7.	Monitoring of women's participation in project activities and, in particular, in trainings, which should be reflected in the results framework.	PIU continuously monitors the participation of women and men in all seminars and training courses in the framework of ongoing projects. As part of the ongoing project, this work will be carried out as training activities are conducted throughout the project implementation period.	On a regular basis	PIU
8.	Ensure wide dissemination of information about community meetings and WUAs among various groups of the population.	PIU on a regular basis will be widely disseminated information about community meetings, in particular WUAs, SHGs and various groups of the population through printed publications (the magazine "Vestnik", booklets, information posters), information is also disseminated through project websites, DWRLI, MAFPLI, a social network, training courses, etc.	On a regular basis	PIU
9.	Ensuring the participation of various groups of the population, especially youth, vulnerable groups, men and women, in community meetings. The preparation	PIU is working to ensure the participation of various groups of the population at various project activities, in particular seminars and training courses. Within the framework of the APNIP, work will be strengthened to ensure the participation of young people, vulnerable groups, men and	On a regular basis	PIU

	<b>Agreed actions</b>	<b>Progress status/Comments</b>	<b>Date</b>	<b>Responsible</b>
	and maintenance of the minutes of these meetings, in order to demonstrate the participation of the community	women in community meetings. During the meetings of communities or meetings, minutes will be kept, reflecting the participation of communities, according to the results, reports will be produced with an emphasis on the % of involvement of the above-mentioned population groups.		
10.	Ensuring active involvement of the community in preparation of agricultural development plans.	Farmers of 30 WUAs will be actively involved in the development of agricultural development plans, members of neighboring 30 WUAs will be involved in demonstrating the implementation of plans.	On a regular basis	PIU
11.	Collection of relevant data on satisfaction of beneficiaries under the attitude survey (pool).	This work will be carried out on a regular basis.	On a regular basis	PIU
12.	Monitoring and recording all complaints addressed at the level of the Project Grievance Mechanism, their classification and tracking as they were considered.	Complaints addressed to the PIU are registered on a regular basis in the register of complaints, followed by monitoring the execution of the complaint or appeal. Also, the database on the GM is being updated, this database will be updated on a regular basis.	On a regular basis	PIU
13.	PIU ensures avoidance of impacts or minimization of the impact of resettlement on human settlements zones (HSZ)	According to the policy of the World Bank 4.12 "Forced Resettlement", PIU, in the design of rehabilitation works, will work to avoid impact or minimize the impact of resettlement on HSZ.	On a regular basis	PIU
14.	The PIU monitors that the impact of resettlement does not occur before the resettlement tools are prepared, approved by the Bank and published by the Bank and PIU;	PIU will permanently monitor the impact of resettlement and until the resettlement tools are prepared by PIU, approved by the Bank and published by the Bank and PIU.	On a regular basis	PIU
15.	PIU organizes a working visit to Shakaftar and will present the results of a working visit to Shakaftar and to the Bank	Authorized PIU specialists visited the facility at Shekaftar MC and presented the results of the trip in the form of a report to the management of PIU and the Bank. Based on the results of the trip, it was recommended that the South PIU design group change the type of cleaning of the settler from mechanical to hydraulic type. Currently, the Southern Project Group is working on redesigning the settler at Shekaftar MC, PIU has also introduced to the Project Procurement Plan the construction of a settler and sent this PP for approval to the Bank.	July 30, 2017	PIU
16.	PIU will prepare an updated detailed plan for Shakaftar in Jalal-Abad (the schedule will be determined and based on a working visit to Shakaftar).	Updating the detailed plan for Shakaftar is not required, since the conditions specified in the previous DP are fully met.	August 30, 2017.	PIU

	<b>Agreed actions</b>	<b>Progress status/Comments</b>	<b>Date</b>	<b>Responsible</b>
17.	Preparation of Environmental Management Plans for each specific facility and each subproject, the implementation of which will be initiated; the conduct of local public consultation	<p>Environmental Management Plans for the following facilities have been developed:</p> <ol style="list-style-type: none"> <li>1) WUA «SHM» in Moskovsky rayon, Chui oblast;</li> <li>2) WUA “Belsovkhov” in Jeti-Oguz rayon, Issyk-Kul oblast;</li> <li>3) WUA “Bereke S” in Manas rayon, Talas oblast;</li> <li>4) WUA “Gauyan” in Kadamjay rayon, Batken oblast;</li> <li>5) WUA “Jylaldy-Uzgen” in Uzgen rayon, Osh oblast;</li> <li>6) WUA “Kur-Tash” in Aravan rayon, Osh oblast;</li> <li>7) WUA “Taymonku” in Nookan rayon, Jalal-Abad oblast;</li> <li>8) WUA “Toktomush” in Jumgal rayon, Naryn oblast.</li> </ol> <p>The EMP of the WUA “SHM” of the Moskovsky rayon of the Chui oblast was approved by the WB. The remaining 7 EMPs are sent for approval to the World Bank, for which comments have been received. The EMP is being finalized taking into account the WB comments.</p> <p>The EMP for the WUA “Kara-Buura” of the Karabuura rayon of the Talas region is being finalized, the development of the Working Documentation has not been completed.</p> <p>In order to inform the public about the state of the environment during the project implementation, public consultations were held in the following WUAs:</p> <ol style="list-style-type: none"> <li>1) WUA “Belsovkhov” in Jeti-Oguz rayon, Issyk-Kul oblast;</li> <li>2) WUA «SHM» in Moskovsky rayon, Chui oblast;</li> <li>3) WUA “Kur-Tash” in Aravan rayon, Osh oblast;</li> <li>4) «WUA “Taymonku” in Nookan rayon, Jalal-Abad oblast;</li> <li>5) WUA “Bereke S” in Manas rayon, Talas oblast;</li> <li>6) WUA “Toktomush” in Jumgal rayon, Naryn oblast.</li> </ol> <p>At present, public hearings are being held for the WUA “Gauyan” of the Kadamjai rayon of the Osh oblast and the WUA “Jylaldy-Uzgen” in the Uzgen rayon of the Osh oblast.</p>	On a regular basis	PIU
18.	Before starting the bidding process for contracts for performance of work, the PIU must ensure that the	After the development of design estimates, which is approved by the World Bank, an environmental expert develops an EMP for each facility.	On a regular basis	PIU

	<b>Agreed actions</b>	<b>Progress status/Comments</b>	<b>Date</b>	<b>Responsible</b>
	bidding documents contain a technical section on the EMP for a particular facility.	After the development of the EMP, a public hearing takes place at each site, this work is ongoing.		
19.	When selecting irrigation schemes suitable for rehabilitation, the PIU should check whether the reservoirs are affected (with a dam height of less than 15 m). If this is confirmed, the PIU should take appropriate measures to strengthen the dam, including more thorough checks and safety measures	Rehabilitation of reservoirs, dikes and dams is not expected. In the event that a question arises on the rehabilitation of dikes and dams, PIU will take appropriate measures to strengthen dikes and dams.	On a regular basis	PIU
20.	Training in integrated pest management will be carried out within the framework of the project by the rural advisory services (RAS). Therefore, the PIU should consider the possibility in the next period to begin all the necessary preparatory / preliminary actions	The detailed work plans of the selected training companies for WUAs (component 2) and SHP (subcomponent 3.3) will include training on integrated pest management, plant diseases, using biological agents and organisms.	On a regular basis	PIU
<b><i>Potentially a new project</i></b>				
1	Completion of inventory and retrieval of missing data from selected donors		July 24, 2017	WB
2	Completion of the analysis of key sector problems		July 24, 2017	WB
3	Completion of the assessment of Kyrgyzstan's accession to the Eurasian Economic Union for agriculture		July 31, 2017.	WB
4	Completion of the identification of priority areas for investment		July 31, 2017.	WB
5	Identify areas for technical evaluation / assessment		July 31, 2017.	WB
6	Preparation of an agreed project concept	A concept note was prepared and a draft letter addressed to the World Bank from the Government of the Kyrgyz Republic. This note will be heard and discussed at a meeting of the Government Council on fiscal and investment policy of the Kyrgyz Republic.	September 15, 2017	WB /DWRLI