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# REPORT

on

## Water User Group Support Activities along IWRM Ferghana Project

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The task of water distribution among large number of water users, making WUA a sustainable, reducing transaction costs are vital challenges that WUAs face currently in Central Asia.

The project staff had observed the institutional gap between the WUA and farmers. The main question the project staff asked was “what are the alternative solutions that would allow farmer communities to mobilize the financial, in-kind and other resources such as participation, active involvement to support complicated water management procedures, governance of WUAs, gradual infrastructural improvements and increase financial self-sufficiency?”

In the current phase, the project decided to select institutionalized way of assisting farmers below WUA level to reduce this issues, which was establishing effective, democratic, participatory, user driven grass roots organization of farmers, e.g. water user groups (WUGs) along tertiary and below level canals.

Based on the SMID experience the guideline on importance and practical steps to establish WUGs is developed. The steps include: identification of problematic zones of WUA, where most water distribution problems occur; walk through survey of outlets; initial discussions with farmers of issues and observation for active water users; presentation of basic concepts of WUG; meeting with water users to elect WUG leader; follow up and training activities.

The project commenced the support of WUG initiatives. The key objective was to facilitate farmer participation in identifying disadvantaged infrastructures, designing and constructing process with minor non monetary support from the project (providing resources, means and materials) and major input from water users (in-kind, labor, local construction materials). The criteria for identification of needs for infrastructural improvements were that the structure had to be had the most severe conditions, the structure had to serve for interests of several WUGs (many water users) or mixture of problems such as rural communities (mahallas) and farmers, farmers that are under the command area of the structure had to be willing to take active part in improvement, and farmers that are applying for competition had to present the support from associated WUA and rural community members.

The selection committee was represented by WUA councils and directors and was democratic in nature. The selection process included announcement about the competition through associated WUAs, simple (a page) application forms, presentation of proposals by WUG leaders at the selection committee. The priority for the selection was given to those WUGs that were established by self initiative, e.g. formed by the initiative of water users themselves (or initiative by the appropriate WUA).

The selected WUGs and its water users were provided with training and technical assistance in designing, budgeting, planning and carrying out such infrastructural improvements. The whole process was participatory, consultative and transparent. Most of the technical assistances requested by WUGs were installation of regulating structures instead of measuring devices. The project supported 20 WUG initiatives (10 along AAC and 10 along KBC).

During the construction works, the project observed the great innovativeness and creativity from water user side to effectively use the resources provided and at the same time install simple cost effective structures but with higher degree of usefulness and effectiveness. Such innovations included:

1. Equipping metal gates with simple fixators, which allows WUG leader to close and open the gate and regulate the flow and fix the gate level at certain height;
2. Installing one measuring device (SANIIRI or Chipolletti) to measure flow rate at two regulated outlets at the same time;
3. Furnishing the regulated outlets with pipes of known sizes, which gives the possibility to calibrate the discharges using portable water measuring devices and indicating those discharge values at the fixators of the regulating devices;

The support of WUG initiatives resulted the greater participation of farmers; improved relationships between WUG and WUAs; increased confidence of WUAs to mobilize its own resources and water users for gradual infrastructural improvements; increased the awareness on WUGs and facilitated the establishment of other WUGs by the WUAs themselves; intensified the SMID activities; brought greater sense of ownership over the structures by the water users; decreased the number of conflicts; brought equity in water distribution; raised the prestige of WUA among WUGs; increased the operativeness of water management. Currently SMID activities are designed to support WUAs to establish own WUGs.

These are the key recommendations based on the project experience from last year:

1. The support shall be only to WUG(s) of problematic WUAs (which are not covered by donor supported rehabilitation projects);
2. The selection of WUGs must be jointly decided by WUA and SMID team which will have positive impact on SMID activities as well as increase trust in their WUA;
3. The priority must be given to those WUGs which are established by self initiative, active in paying ISF, that solve several issues like conflicts, water disputes between farmers and communities etc.;
4. After the selection the construction works must be monitored by specialists to attain appropriate quality (based on existing norms and rules of construction of such hydrostructures);

In general, the establishment of WUGs was instrumental in achieving the following results: water distribution improved and is became more participatory; the number of conflicts among farmers of the same water courses has reduced; the maintenance of the tertiary and lower outlets and the sense of ownership over those has improved; transaction costs of WUAs to distribute water over considerable number of farmers, to sign water agreements with each one and collection of fees from each has decreased; water users along the selected canals developed trustworthy relations among them and decisions are collectively agreed; the communication among the farmers of same canals has improved; a WUG, the leader of which is elected by farmers, develops locally relevant water turn schedules; water users cooperated to solve general to all agrotechnical issues (pest control, irrigation planning, crop rotation, land consolidation, reduced costs of production when ploughing, land leveling; active WUG leaders became members of WUA councils and participate in the decision making process, e.g. governance; water users delegate their right to get water to WUG leaders through power of attorney. WUG leader in its turn signs agreement with WUA on water delivery. Thus WUAs instead of signing agreement with hundreds of water users, which is currently unrealistic task, make water contracts with few WUG leaders. The WUA hydrotechnicians deliver water at the head gate of the tertiary canal from where WUG is responsible to allocate water among its water users. The innovation of the WUGs is that collection of information for water use plans are done more effectively and precise compare to the practice where WUA tries to calculate generalized water use plan for whole WUA.

The WUGs are an institutional base for introduction of volume based payments, which will stimulate the water saving sense among water users. WUGs are the key in WUA governance due to the fact that many farmers who own the land are often leases the land to the seasonal workers or neighboring farmers. So the farmers who are just owners or managers but not actual water users are not participants of the process. Therefore WUG leaders who deals with water issues daily has real knowledge of the situation which will be handy in determining the strategy and making decisions by the WUA councils. In other words the continuity of the participation process and sustainability of the WUAs are accomplished.

## APPENDIX 1. ANNOUNCEMENT ON CALL FOR COMPETITION AMONG WUG

### Attention! Attention! Attention!

#### Not monetary grants for WUGs!!!

IWMI along IWRM-FV project holds competition on financing 5-10 best WUGs initiatives

#### Conditions of the competition:

- The support will be offered only to WUGs. The groups consisting of several WUGs can also submit the application;
- Village and community settlements and WUAs can participate jointly for the decision water-distribution issues among themselves;
- The priority will be given for WUGs which have been created under the initiative of water-users (without participation of mobilizers) where there are internal rules on distribution of water inside the WUG and full harmony among water-users;
- The proposed initiatives should capture the following works: introduction water productivity methods and water-savings at all levels (1) on fields; (2) on tertiary outlets and (3) improvement of water distribution between WUGs;
- Realization, implementation (construction) should be carried out by water-users;
- Grants will cover only 50-70% of all expenses for cement and metal sheets and water-users should bring their labor, building and auxiliary materials (sand, rubble, tools, etc.);
- The outlets of the WUGs who have won in competition should be cleaned and prepared for construction by water-users;
- WUGs leaders that won grant should conduct the constant account of work execution under the planned schedule, and additionally:
  - Should promote transfer of the experience, at least, to one more WUG. Distribution of such experience is carried out independently by WUG water-users;
  - Social mobilizers will conduct monitoring the quality and fulfillment of works under the given grants and will give information to IWMI;
  - The total sum of the grant will make \$3000 on each pilot main canal which will be distributed between winners of competition. Thus, every winner WUG grant, depending on total winners of grants, can receive for realization of the initiative necessary materials and services for the sum of \$300.

#### WUG Criteria

WUG is a group, which:

- is created by water-users themselves for upholding the collective their interests in front of WUA on adequate and on-time delivery of water to their outlets or group of outlets and distributions of the received water between all water-users of the given outlet on principles of equity and openness;
- solves problems of the given outlet by a collective method by discussion and involving of all WUG water-users in process of water distribution and other common actions on their own outlet, including collective works on clearing, repair of the outlet, installation of the water-measuring devices;
- closely cooperates with WUA experts, participates in all meetings that are holding in WUA, meets with their own representatives in WUA Council for discussion existing problems of the given outlet;
- makes the schedule of water-distribution between water-users in close cooperation with their own water-users and provides general awareness and transparency of all such schedules during their direct fulfillment.

#### Requirements to competition participants:

- The WUG, as a rule, should be created in especially problematic zones from the point of water-distribution, conflicts, shortage of water view (on many sites of the existing project WUAs, such WUGs are already available);
- The WUG, as a rule, should be situated in the head of the tertiary outlet or lower order, i.e. where water-users can determine necessity for installation any water-measured constructions for improvement of water management inside WUG;
- Water-users and the leaders of the created WUGs should show real collective activity in the decision of the internal problems with water;

#### Assessment (evaluation) of the submitted initiatives

- For an assessment of the submitted applications and monitoring the execution of the works there will be created working commission of the competition consisting of the following representatives:

Project specialists (2)

Representative from CMO (1)

Representative from UWU (1)

Representatives from WUA- from WUA Council (1) and WUA directorate (1)

- IWMI will carry out an audit / assessment of the submitted WUG applications and their objects (a technical condition, socio-economic conditions, interview to water-users, visual inspection, etc.);
- The planned schedule of proposed works should be enclosed to applications for the grant which should be proved and protected by WUG representatives or their leaders;
- There will be given not monetary grant to all won WUGs in the form of necessary services and materials (cement, building materials, granting of mechanisms {technical equipment}, etc.);
- The monitoring behind a course of works under the grant application will be fulfilled by WUG leaders, the IWRM-FV project mobilizers and IWMI experts.

Terms of competition

- The applications for the competition are accepted during a month after the announcement of competition from July, 1 till August, 1, 2006.

- Winners of competition will be announced on August, 15, 2006.

Besides, there is encouraged the creation by water-users new WUGs under the decision of any available collective problems on their tertiary outlets. In this case leaders of such new WUGs, besides the application, there will be necessary to present the report certified by water-users on creation of WUG, with the indication of concrete outlet, its common irrigated area, the list of all WUG water-users with the sizes of their farms and also the list of the basic cultivated cultures and WUA names.

## **APPENDIX 2. STEPS OF WUG SUPPORT INITIATIVE**

### ***1-stage. Preliminary selection no more 10 applications from WUGs (potential winners of competition):***

As the owners of grants finally should become no more than 10 WUGs, the working commission created on places, should make careful selection such WUG in view of the criteria resulted below:

If the total number of the submitted applications from WUG on competition of the grant exceeds 10, it is necessary to make elimination of those applications which are not obviously satisfying to the purposes and conditions of the announced competition.

1. In particular, under all other equal conditions those applications which have not been signed by water-users are subject first to elimination.

2. Obviously, the applications that getting out announced financial frameworks of the proposed grant are subject to elimination. The preference will be given to the applications which are budgeted up to \$300.

3. At the further selection the preference is given those applications which by the opinion of the working commission members are most actual and really feasible within the framework of required budgets. For this purpose members of the working commission carry out a tentative estimation of applications for their urgency, feasibility and correctness of cost calculations on proposed works. As applications can frequently estimate the same amount of works on miscellaneous, the final estimation of works cost will be established in each concrete case by the authorized members of the working commission with departure to each concrete object/place and specification of cost and volume of works proposed in the application.

4. Further the preference should be given to applications of those WUGs which consist of not less than 10 water-users.

As a result of such multistage choice 10 or 12 most potential applications are left for the further consideration of the working commission.

### ***II stage. Detour and meetings with WUG water-users for definition of information reliability specified in the application.***

1. There will be worked out the schedule of the meetings with WUG and a visit to the outlets where the technical support is requested to make;

2. According to the made schedule, the field mobilizers will notify and agree with all successfully passed preliminary selection WUGs about the meeting on their outlets.

3. During the meeting, the leaders and members of WUGs should explain and show particularly what kinds and amounts of works are necessary on their outlets with the breakdown for those works which they undertake to execute and where they will need the help from the project.

4. Further the leader and members of WUGs together with the authorized members of the working commission do detour to all places of the outlet where WUG suggests carrying out works on improvement. During such detour,

- there is made the photo of the current condition of WUG object so that after end of proposed works it was possible evidently to compare the received effect;
- the authorized members of the working commission makes visual an estimation of the outlet and constructions condition, estimate feasibility and specify real cost of proposed works by detour and an exchange of opinions.

5. Thus it is necessary to pay attention on:

- A degree of collective action and organization of water-users;
- When WUG has been created;
- What results has reached WUG;
- What it is participation in WUA.

6. After such visiting objects all preliminary selected WUGs the working commission is going to hear once again the report of the authorized members of working group on results of trip and the carried out visual estimation on places and to make the final decision on delivery or refusal of the grant to this or that WUG with drawing up and signing of the corresponding report by all members of the working commission.

***III - stage. Specification of the sum of the grant and signing of the contract***

- Drawing up of the estimate;
- Signing the contract;

***IV - stage. Monitoring of performance of works and results***

- Scheduling the works execution and delivery of objects;
- Assistance from the field team in execution of works;
- There will be appointed responsible person on transfer of money resources and materials within the framework of the established sums under the contract;
- All deviations or the arisen problems, all course of works execution are fixed (documented) by a field team;
- The working commission detour and reception - delivery of objects is carried out;
- The photo of the handed over works is made and applied to the certificate of delivery of objects;
- Further the field team carries out monitoring after delivery of objects for supervision of support effect in the view of water-distribution improvements, reduction of conflicts number, the water-savings, increase of productivity and the most important sustainability of WUG;

### APPENDIX 3. PARTICIPATION, RESOURCES AND BUDGETS OF THE WUG COMPETITION

#### General information on participation of water users in WUG support initiative along AAC

	Water user groups	From Outlet	WUA	Irrigated area, ha	Number of water users in WUG	Area per water user, ha/farmer	Participated in WUG support initiative, people					
							From WUA	From ayil (mahalla)	From WUG	Neighbor WUG or outlet	Specialists (mobilizer)	Total
1	Alijan	Jenish	Isan	16,2	17	0,95	2	6	11	6	3	28
2	Talip	Jenish	Isan	26,3	26	1,01	2	12	14	3	2	33
3	Mazar-Arik	Sbros-2	Isan	21	60	0,35	3	18	6	3	2	32
4	Fidoyi	KD	Joypas	42	33	1,27	3	4	22	17	3	49
5	Zaravshan	Joypas	Joypas	23,3	16	1,46	2		9	3	2	16
6	Karabaev	Tash-Alish	Murza-Aji	35,6	28	1,27	1	6	13	4	3	27
7	Birlashgan-1	Kura	Jani-Arik	24,2	17	1,42	2	3	12	2	1	20
8	Birlashgan-2	Kura	Jani-Arik	17	10	1,70	2	3	6		1	12
9	Nasir	Kok-Dobo	Japalak	15,9	63	0,25	1	11	12		1	25
10	Aqil	Kok-Dobo	Japalak	33,9	105	0,32	1	7	18	2	1	29
	Total			25,5	38	1,00	19	70	123	40	19	271

#### Contributions on WUG support initiative along AAC

	Water user groups	From Outlet	WUA	Contributions, KGS[1]				In US dollars
				From water users	From project	From WUA	Total	
1	Alijan	Jenish	Isan	9514	11640	3996	25150	648,2
2	Talip	Jenish	Isan	9200	11640	3170	24010	618,8
3	Mazar-Arik	Sbros-2	Isan	9170	11640	2700	23510	605,9
4	Fidoyi	KD	Joypas	11700	11640	4300	27640	712,4
5	Zaravshan	Joypas	Joypas	9800	11640	1848	23288	600,2
6	Karabaev	Tash-Alish	Murza-Aji	8670	11640	2500	22810	587,9
7	Birlashgan-1	Kura	Jani-Arik	6900	11640	1100	19640	506,2
8	Birlashgan-2	Kura	Jani-Arik	8340	11640	600	20580	530,4
9	Nasir	Kok-Dobo	Japalak	7600	11640	780	20020	516,0
10	Aqil	Kok-Dobo	Japalak	8830	11640	920	21390	551,3
	Total			89724	116400	21914	228038	5877,3
	In dollars			2312,5	3000,0	564,8	5877,3	
	In percent			39,3	51,0	9,6	100	

[1] KGS – Kyrgyz som (rate was \$1.00 = 38.8 KGS)

#### Works and materials contributed to WUG support initiative along AAC

	Water user groups	From Outlet	WUA	Works and materials							
				Ground works, m3	Ground preparation, m3	Gravel, m3	Stone, m3	Cement, tons	Pipe, meter	Outlet gate, pieces	Water measuring device SANIIRI B-30, pieces
1	Alijan	Jenish	Isan	9	3	10	4	1,7		2	1
2	Talip	Jenish	Isan	11	2	8	4	1,7		2	
3	Mazar-Arik	Sbros-2	Isan	17	3	11	4	1,7		1	1
4	Fidoyi	KD	Joypas	11	3	10	6	2,5		3	3
5	Zaravshan	Joypas	Joypas	7	2	9	3	1,7		2	
6	Karabaev	Tash-Alish	Murza-Aji	5	2	10	8	1,7		2	
7	Birlashgan-1	Kura	Jani-Arik	6	3	10	4	1,7	4	1	
8	Birlashgan-2	Kura	Jani-Arik	5	3	5	4	1,7	4	1	
9	Nasir	Kok-Dobo	Japalak	9	2	9	3	1,7		1	
10	Aqil	Kok-Dobo	Japalak	6	2	10	3	1,7		1	
	Total			86	25	92	43	17,8	8	16	5



**General information on participation of water users in WUG support initiative along KBC in 2006**

№ №	Water user groups	From Outlet	WUA	Irrigated area, ha	Number of water users in WUG	Area per water user, ha/farmer	Participated in WUG support initiative, people					Total
							From WUA	From mahalla	From WUG	Neighbor WUG or outlet	Specialists (mobiler)	
1	Outlet №10	Outlet №10	Tochikobod	119	240	0,5	2	6	8	1	3	20
2	Outlet №11	Outlet №11	Tochikobod	115	230	0,5	2	4	12	2	3	23
3	Karokamar	Karokamar	Tochikobod	153	307	0,5	2	3	12	2	2	21
4	Outlet №3	Outlet №3	Madaniyat	125	250	0,5	2	4	15	1	3	24
5	Outlet №5	Outlet №5	Madaniyat	122	245	0,5	3	6	16	3	3	31
6	Outlet №8	Outlet №8	Madaniyat	103	208	0,5	1	2	8	-	2	13
7	Mulloqushbegi	Mulloqushbegi	Zarafshon	18	45	0,37	2	7	9	-	3	21
8	Outlet Hudgif-2	Outlet Hudgif-2	Zarafshon	101	373	0,37	2	4	8	-	4	18
9	Outlet Samchon	Outlet Samchon	Zarafshon	46	101	0,37	3	9	14	3	3	32
10	Outlet Somon	Outlet Somon	Zarafshon	46	104	0,37	2	4	10	-	2	18
	Total											221

**Works and materials contributed to WUG support initiative along KBC, Tajikistan**

№ №	Water user groups	From Outlet	WUA	Works and materials							
				Ground works, m3	Ground preparation, m3	Gravel, m3	Stone, m3	Cement, tons	Pipe, meter	Outlet gate, pieces	Water regulating device
1	Outlet №10	Outlet №10	Tochikobod	15,0	54,0	6,0	6,0	1,576	8,0	-	2
2	Outlet №11	Outlet №11	Tochikobod	40,0	120,0	12,0	12,0	3,120	-	-	-
3	Karokamar	Karokamar	Tochikobod	30,0	110,0	12,0	10,0	3,120	-	-	-
4	Outlet №3	Outlet №3	Madaniyat	12,0	60,0	10,0	7,0	1,425	-	-	3
5	Outlet №5	Outlet №5	Madaniyat	12,0	40,0	4,0	5,0	1,345	-	-	2
6	Outlet №8	Outlet №8	Madaniyat	30,0	80,0	12,0	5,0	1,425	-	-	2
7	Mulloqushbegi	Mulloqushbegi	Zarafshon	120,0	35,0	4,0	4,0	1,053	6,0	-	1
8	Outlet Hudgif-2	Outlet Hudgif-2	Zarafshon	4,0	35,0	4,0	4,0	1,314	-	-	-
9	Outlet Samchon	Outlet Samchon	Zarafshon	17,0	85,0	12,0	12,0	3,186	-	-	-
10	Outlet Somon	Outlet Somon	Zarafshon	20,0	50,0	12,0	7,0	1,936	-	-	1
	Total			300,0	609,0	88,0	72,0	19,500	14,0	-	11

**Contributions on WUG support initiative along KBC, Tajikistan**

№ №	Water user groups	From Outlet	WUA	Contributions, TJS			
				From water users	From project	From WUA	Total
1	Outlet №10	Outlet №10	Tochikobod	769,0	1121,0	-	1890,0
2	Outlet №11	Outlet №11	Tochikobod	1332,0	1049,0	-	2381,0
3	Karokamar	Karokamar	Tochikobod	1012,0	1052,0	-	2064,0
4	Outlet №3	Outlet №3	Madaniyat	672,0	1546,0	-	2218,0
5	Outlet №5	Outlet №5	Madaniyat	485,0	1026,0	-	1511,0
6	Outlet №8	Outlet №8	Madaniyat	740,0	1042,0	-	1782,0
7	Mulloqushbegi	Mulloqushbegi	Zarafshon	643,0	757,0	-	1400,0
8	Outlet Hudgif-2	Outlet Hudgif-2	Zarafshon	350,0	463,0	-	813,0
9	Outlet Samchon	Outlet Samchon	Zarafshon	1112,0	1062,0	-	2174,0
10	Outlet Somon	Outlet Somon	Zarafshon	792,0	930,0	-	1722,0
	Total			7907,0	10048	-	17955,0

Exchange rate \$1.00 (USD) = 3.34 Tajik somoni

#### APPENDIX 4. LIST OF WUGS ESTABLISHED BY THE PROJECT

##### WUG established along AAC

№	Name of WUA	Outlets	Name or number of WUG	Number of users	Irrigated area, ha	Name of the WUG leader
1.	Joypas	Joypas	Nishob	17	40,1	Atahanov Zakir
2.		Joypas	Yangi-Turmush	18	33,26	Aytibaev Islam
3.		Joypas	Besh kapa	10	41,82	Kyrgyzbaev Adyl
4.		Joypas	Zarafshon	7	23,33	Gafurov Kadyr
5.		Joypas	Baymurza	9	11	Baymurzaev Zahid
6.		Joypas	Sahibkiron	11	23,7	Yakubov Gafirjan
7.		Joypas	Jany-Kylym	19	27,4	Alimjanov Yuldash
8.		Discharge	Vodiy	8	42	Gaipov Shavkat
9.		Discharge	Sahibkar	23	35	Gazibaev Abdulaziz
10.		Discharge	Senobaza	19	21	Satybaldiev Habibillo
11.		Joypas	Kyran	13	17,3	Saliev Askar
12.		Joypas	Almazor	24	32	Madrahimov Karimberdi
13.		Joypas	Katta-Terek	7	34,3	Alimob Ibrohim
14.		Joypas	Mulhasil	16	14,8	Madiyarov Kudrat
15.		KD	Boston	21	57,26	Mirzabaev Shermahammad
16.		KD	Yangi-Aryk	13	27,12	Islamov Omotillo
17.		KD	Mahamadibrohim	7	17,56	Alimjanov Avaz
18.		KD	Ilgar	11	13,84	Tashlanov Tursunbay
19.		KD	Fidoiy	16	20,96	Tajibaev Kadyrmuhammad
20.		KD	Nasibullo	34	36,26	Abdulazizov Azillo
21.		KD	Kyuvet	26	32,99	Abitov Botirjan
22.		KD	Shamshad	13	11,31	Nomanov Torobay
23.	Murza-Ajy	Kairma-II	Ravot	87	118	Satyvaldiev Tolkun
24.		Kairma -II	Karabaev	31	35,6	Karabaev Tashtan
25.		Ak-Say	Ak-Say	51	43	Osmonov T.
26.		Bel-Suratash	Kungoy	37	42,2	Teshebaev K.
27.		Bel-Suratash	Darbaza	93	86	Ahunbaev Dildar
28.		Ak-Say	Kuu-Korgon	17	22	Nurmatob Kambar
29.		Kairma-II	Kyzyl-Bayrak	71	67	Yakubov Yuldashbay
30.		Kairma-II	Koshol-Dobo	83	94,06	Uraimov Zokir
31.		Kairma-II	Kyr-Aryk	73	67,45	Abdullaev Izatillo
32.	Japalak	Bak	Bak – 1	21	12ra	Chekirov Israil
33.		Bak	Bak – 2	34	16,3	Eshbaev Manas
34.		Sokolok	Sokolok –1	69		Majitov Tajibay
35.		Sokolok	Sokolok –2	73	30,94	Rakhmanov Kadyr
36.		Sokolok	Teeke	18	21,6	Kochkonov Sagyn
37.		Kok-Dobo	Nasyr	63	15,92	Kurbanaliev Nasyr
38.		Kok-Dobo	Akyl	70	33,95	Ysakov Akyl
39.		Kaerma	Sharkyratma	19	11,46	Kochkonov Kubatali
40.	Jany-Aryk	Kura	Birleshken-1	17	24,17	Myrzaliev Sadyk
41.		Kura	Birleshken - 2	10	17	Alanov Myrzali
42.		Kura	Kyrgyzstan	41	23	Karabaev Kh.
43.		Kanjyrga	Korgon	12	17	Mamirov Khalil
44.	Isan	Branch pipe-4	WUG 4-1	7	5,9	Bekmuratov Otkur
45.		Branch pipe-4	WUG 4-3	35	19,68	Kadyrov Imar
46.		Branch pipe-4	Joldubay	51	26,1	Toksonbaev Kochkor
47.		Jenish	Karim	63	47,30	Anarbaev Joldubay
48.		Jenish	Alijan	17	40,6	Ahmedjanov Karim
49.		Jenish	Apsalam	29	20,81	Jumabaev Alijan
50.		Jenish	Talip	68	49,39	Sayvaliev Apsalam
51.		Jenish	Altyn-Kazyk	13	26,33	Ibaydullaev Talip
52.		Jenish	Musa-Aji	9	13,09	Jolborsov Zulumbay
53.		Jenish	Kichi-Alay	17	10ra	Matysmanov Musa
54.		Jany-Jol	Altyn-Say	29	25	
55.		Discharge-3	Tash-Aryk	15	24,92	Musurmankulov Sabyr
56.		Jenish	Almalyk-Say	19	21,51	Amanov Jakyp
57.		Almalyk-Say	Taalay	13	30,08	Jusmammatob Jenish
58.		Jenish	Kapar	26	29,32	Jusubaliev Taalay
59.		Jenish	Osor-Aji	21	15,65	Mamatov Taalay
60.		Jenish	Kommunizm	11	22,43	Mamiev Taalay
61.		Discharge-3	Pahta-Aral	7	8,08	Khalikov Aydar
62.		Branch pipe-3	Tokur	18	9,06	Sadykov Bazarbay
63.		Branch pipe-2	Arstan	27	32	Halilov Arstan
64.		Branch pipe-4	GVP 4-2	19.67	29	Mirzaev Kubat
65.		Discharge-2	TTurgun	27	28	Arapbaev Almaz

**Information on the method of establishing WUG in the context of WUA**

№	Name of WUA	Total per WUA	Number of WUGs established with the help of mobilizers	Number of WUGs initiated by WUAs and water users
1.	Japalak	8	2	6
2.	Isan	20	9	11
3.	Joypas	22	8	14
4.	Murza-Ajy	9	4	5
5.	Jany-Aryk	4	1	3
6.	Shark Uvam	2	2	0
	<b>Sum</b>	<b>63</b>	<b>26</b>	<b>37</b>

**Information on WUGs established within Right Bank Canal System**

№	Name of WUA	Name of Outlet or water irrigation canal	Irrigated area, ha	WUGs	Name of WUG leader
1.	Shark-Uvam	Altibay	32,0	Ulugbek	Ganiev Salijan
2.		Branch pipe-4	11,0	Bobalashkar	Obidov Nabijan

**WUG established along SFC, Uzbekistan**

№	WUA	WUGs	Outlet	No of users	Irrigated area, ha	Name of WUG leader
1.	Omad Zilol	Dyuker	May	25	105	Turgunov S.
2.	Zilol Suv Fayzi	Dashtaryk	K-7	13	358	Sobirov K.
3.	Tolmozor chashmasi	Kayirma	Nayman	9	108	Ibragimov I.
4.		Nishtyak	Kukonkishlok	12	88	Zulfikorov N.
5.	Musajon Ismoilov	Abdurazakov	Abdurazakov	6	29,3	Yunusov Hamid
6.		Ayritom ota	Ayirim ota	6	70,5	Tuychiev Jamshid
7.		Arsif	Arsif	6	87,8	Hamidov Adham
8.	Hojibek Zoirjonobod	Burdokchilik-2	Burdokchilik-2	7	81	Ergashev Shahobiddin
9.		M. Ergashev	M. Ergashev	9	110	Shonazarov Imomnazar
10.		Burdokchilik-1	Burdokchilik-1	5	92	Sobirov Ulugbek
11.	Istikolol	Chumbogoch	Samahod-1	17	106	Mahamatov H.
12.	Tomchi kul	Kovunchi	Selgo	13	45,4	Yusupov K.
13.	M. Tojiboev	Mingtepa	K-6	25	115	Buronov T.
14.	Pahtakor	Yuvosh	Pahtakor	6	78	Hudoykulov I.
15.	Ma'shal	Shurkakir	Komunizm	17	23,6	Kayumov M.

**WUGs established along KBC**

№№	Name of WUA	Name of WUG	Irrigated area	Number of water users	Name of WUG leader
1.	Tochikobod	Outlet №7	41,44	83	Hasanov S.
2.		Outlet №9	148,14	296	Asorov S.
3.		Outlet №10	119,83	240	Kudusov Gaybullo
4.		Outlet №11	115,24	230	Aliev Rachab
5.		Outlet №12	102,55	205	Rahimov Tuychi
6.		Karokamar	153,52	307	Fozilov Muslim
7.	Madaniyat	Outlet №5	122,8	245	Primkulov Dustmurod
8.		Outlet №3	125,2	250	Valichonov Alibobo
9.		Outlet №8	103,91	208	Suyarkulov Hozratkul
10.		Outlet №6	129,63	259	Pulotov Egamkul
11.		Outlet №4	120,7	241	Nazarov Abduchalil
12.		Sarisang	58,2	118	Amonov Rauf
13.		Outlet №2	129	258	Abdulloev Mrizo
14.	Zarafshon	Outlet Yarmagz-1	16	41	Sharipov A.
15.		Outlet Hudgif-1	14,6	39	Karimov M.
16.		Outlet B. Hamdamov	59,9	151	Saidahmadov N.
17.		Outlet Yarmagz-2	50,7	120	Mahmadov M.
18.		Outlet Hudgif-2	101,5	373	Zokirov H.
19.		Outlet Samchon	46,1	101	Odinaev Ch.
20.		Outlet Sugd -1	20,2	47	Huchaev M.
21.		Outlet Somon	46,1	104	Gulov S.
22.		Outlet Sugd -2	23,6	51	Amonov A.
23.		Outlet Sugd-3	39,6	84	Ziyoyev N.
24.		Outlet Sayod	140,9	475	Nurov A.
25.		Outlet Chashma	76,5	193	Chumayev B.
26.		Outlet Yarm-1	17,6	43	Kurbonov R.
27.		Outlet Chuuldok-2	15	38	A'zamov Z.
28.		Outlet Leningrad-Chirik	26,1	61	Toshmatov P.
29.		Outlet Chuuldok-1	22	43	Saidov M.
30.		Outlet Sugd-4	21	42	Mirov S.
31.		Outlet Zarafshon	80,3	202	Nurov E.
32.		Outlet Chuuldok-3	47	103	Olimov M.
33.		Outlet Leningrad	105	381	Hasanov M.
34.		Outlet Yarm-2	45,6	100	Azizov M.
35.		Mullokushbegi	18	45	Mirov H.

