



Tajikistan Water Supply and Sanitation Investment Project (P177325)

EUROPE AND CENTRAL ASIA | Tajikistan | IBRD/IDA | Investment Project Financing (IPF) | FY 2022 | Seq No: 4 | Archived on 28-Jun-2024 | ISR01152

Implementing Agencies: Ministry of Energy and Water Resources, Project Management Unit "Municipal Infrastructure Development Project", State Unitary Enterprise "Khojagii Manziliyu Kommunalii"

1. OBJECTIVE**1.1 Development Objective**

Original Development Objective (Approved as part of Approval package on 22-Jun-2022)

The project development objective (PDO) is to improve access to safely managed water supply services in selected districts; and to strengthen the capacity of institutions in the water supply and sanitation sector for improved service delivery.

Has the Development Objective been changed since Board Approval of the Project Objective?

No

2. COMPONENTS

Name

Component 1 – Institutional Strengthening and Capacity Building (ISCB) of Water Sector Institutions:(Cost 3,000,000.00)

Component 2 - Water Supply and Sanitation Investments:(Cost 40,500,000.00)

Component 3 - Project Management and Monitoring:(Cost 1,500,000.00)

Component 4 - Contingent Emergency Response:(Cost 0.00)

3. OVERALL RATINGS

Name	Previous	Current
Progress towards achievement of PDO	● Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Moderate	● Moderate



4. KEY ISSUES & STATUS

4.1 Implementation Status and Key Decisions

The Water Supply and Sanitation Investment Project became effective on June 1, 2023, upon satisfying all the required effectiveness conditions. The project implementation suffered from delays in hiring of the key project implementation personnel and delayed commencement of the key procurement activities. With staffing of both agencies completed, the project is expected to pick on its implementation pace, with the first packages of works in Dusti district to commence before the end of 2024.

5. SYSTEMATIC OPERATIONS RISK-RATING TOOL

Risk Category	Rating at Approval Approval Package - 23 Jun 2022	Last Approved Rating ISR Seq. 03 - 22 Dec 2023	Proposed Rating
Political and Governance	● Moderate	● Moderate	● Moderate
Macroeconomic	● Moderate	● Moderate	● Moderate
Sector Strategies and Policies	● Substantial	● Substantial	● Substantial
Technical Design of Project or Program	● Moderate	● Moderate	● Moderate
Institutional Capacity for Implementation and Sustainability	● Moderate	● Moderate	● Substantial
Fiduciary	● Moderate	● Moderate	● Substantial
Environment and Social	● Substantial	● Substantial	● Substantial
Stakeholders	● Moderate	● Moderate	● Moderate
Overall	● Moderate	● Moderate	● Moderate



6. RESULTS

6.1 PDO Indicators by PDO Outcomes

Improve access to safely managed water supply services in selected districts								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
People provided with access to safely managed water supply services (Number (Thousand))	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	250.00	Nov/2027
	Comments on achieving targets		Safely-managed water supply services are defined in line with the definition of the SDG 6.1 along the aspects of “improved water source which is accessible on premises, available when needed (that is, households are able to access sufficient quantities of water when needed) and compliant with relevant national or local standards.” For the project purposes, the PDO indicator is defined as provision of “raw water or water after treatment (filtering, disinfection) meeting established quality and safety standards, and intended for drinking, preparation of food, other household needs, including personal hygiene and food processing through individual piped connections at the household level”. National standards of quality and safety are established by the relevant regulations issued by the Ministry of Health and Social Protection on acceptable level of chemical and microbiological composition, as well as perceived characteristics of water (taste, color, smell and temperature) that ensure its safety for the health of population.					
People provided with access to safely managed water supply services - Female (Number (Thousand))	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	125.00	Nov/2027
Time spent by women and girls on water fetching daily decreased (Percentage)	100.00	Mar/2022	100.00	24-May-2024	100.00	24-May-2024	30.00	Mar/2022
	Comments on achieving targets		Time spent on fetching is estimated as time (in minutes) spent on walking to the water source, queuing to collect water, collecting water and walking back to the household premises. When water is not piped to the home the burden of fetching it falls					



			disproportionately on women and children, especially girls. Therefore, when water is obtained by water-fetching, 'the availability of an acceptable quantity and quality of water for health, livelihoods, ecosystems and production' at the household level is dependent on the ability of household members to negotiate access to off-plot sources (Wutich, 2009; Stevenson et al., 2012; Diouf et al., 2014), carry sufficient quantities of water home (Geere et al., 2010a) and safely store it (Jagals, 2006).					
Share of the planned water samples for the target water supply systems compliant with the national water safety standards (Percentage)	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	95.00	Nov/2027
	Comments on achieving targets		The indicator requires the SES jointly with the local utilities to develop and agree on the sampling plan for each water supply system. Water samples then should be regularly tested (quarterly basis) from 2024 by the local department of SES and verified by the SES department at the regional level. Results of the water testing should be reported on the website of the target utility and disclosed on the boards installed at jamoats after completion of the test.					
Strengthen the capacity of institutions in the WSS sector for improved service delivery								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Water Supply and Wastewater Policy Unit established in the MEWR and operational (Yes/No)	No	May/2022	No	15-Dec-2023			Yes	Jul/2024
	Comments on achieving targets		A Water Supply and Wastewater Policy Unit will be established within the Ministry of Energy and Water Resources for implementation of policy-making, sector planning and monitoring functions in the water supply and wastewater sector, which shall be budgeted for and staffed as per the ToRs developed and acceptable to the Association.					
Target utilities in Khatlon region adopted improved operational and financial management and reporting systems and practices (Number)	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	2.00	Nov/2027
	Comments on achieving targets		Target utilities will be optimized and restructured following the assessment to be completed in the project. These utilities will be mandated for provision of safe water supply and wastewater services in the target area. Targeted water utilities (Balkhi and Dusti districts) will be established and supported with office equipment, financial and commercial systems. The project will also support access of the targeted water utilities to the WSW MIS and establishment of the appropriate communication and grievance redress mechanisms. As part of this indicator the target utilities should (i) develop an asset management plan; (ii)					



			have a performance improvement plan developed and under implementation; (iii) report on the key KPIs to the MIS; (iv) have billing systems in place and operational; (v) having tariff models developed and endorsed. The SUE KMK and other relevant authorities will develop a plan, satisfactory to the Association, to support the sustainability of the said water utilities.					
Water supply and wastewater services improvement roadmap endorsed for implementation (Yes/No)	No	May/2022	No	24-May-2024	No	24-May-2024	Yes	Feb/2025
	Comments on achieving targets		The roadmap should have a detailed costed action plan for establishment of appropriate WSW service models at the national and local level, setting clear requirements for restructuring of the existing models and their performance improvement plans.					

6.2 Intermediate Results Indicators by Components

Component 1 – Institutional Strengthening and Capacity Building (ISCB) of Water Sector Institutions								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Sector-wide Monitoring Information System (MIS) operational and reporting on key KPIs for target utilities (Yes/No)	No	May/2022	No	24-May-2024	No	24-May-2024	Yes	Nov/2027
	Comments on achieving targets		Design of the WSW MIS system will be finalized under the RWSSP. Procurement and installation of the MIS within the MEWR is included in the WSIP-1. The MIS will need to take into account agreed KPIs for water utilities, establish a link with the national Water Information System and ensure that climate adaptation aspects are embedded in the designed system. The WSW MIS will be operated by the WSW unit of the MEWR based on the reporting protocols to be established and approved.					
Utilities providing information on the KPIs to the sector MIS (Number)	0.00		0.00		0.00		4.00	
	Comments on achieving targets		The sub-indicator defines the level of the MIS operationalization, with at least target utilities reporting to the MIS on established Key Performance Indicators.					
	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	4.00	Oct/2025



Tariff models for target water utilities developed and endorsed by the relevant authorities (Number)	Comments on achieving targets		Tariff models for target WSW service providers developed in consultation with the regulatory authority and local khukumats. Staff of the target utilities will need to be trained on the tariff methodology and involved in preparation of tariff model.					
Water quality testing labs in targeted water utilities and in the local SES branches regularly conduct water quality tests and inform population about the test results (Yes/No)	No	Mar/2022	No	24-May-2024	No	24-May-2024	Yes	Oct/2025
	Comments on achieving targets		The project will support procurement of water quality testing equipment for the SES in three targeted locations (Dusti, Kushoniyon and Balkhi districts), Khatlon regional SES department and targeted water utilities by Yr3 of the project. The staff of the SES and targeted water service providers will be trained on sampling, testing, analysis and preparation of reports.					
Water supply and wastewater masterplan, that addresses climate change adaptation needs, developed for Khatlon region (Yes/No)	No	Mar/2022	No	24-May-2024	No	24-May-2024	Yes	Mar/2026
	Comments on achieving targets		The water supply and wastewater master plan for Khatlon region developed taking into account climate change standards and climate resilience of existing and future facilities and infrastructure.					
Component 2 - Water Supply and Sanitation Investments								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Total length of the Vakhsh bulk transmission pipeline replaced (Kilometers)	8.70	Dec/2024	0.00	24-May-2024	0.00	24-May-2024	50.00	Nov/2027
	Comments on achieving targets		Replacement of the main Vakhsh inter-district transmission pipeline will start under the ongoing RWSSP with 8.7 km envisaged for completion by December 2024 (Yr2), the WISP will continue replacement of the pipeline from RK1 to RK2 in Balkhi district (25.5km) until the connection point in Dusti district (16.5km).					
Length of the transmission pipeline replaced to improve supply of water to customers and reduce water loss in drought-	0.00	May/2022	0.00	24-May-2024	0.00	24-May-2024	16.00	Nov/2027
	Comments on achieving targets		Dusti district is considered to be one of the most drought-prone are in the country. The indicator is based on the length of the main transmission pipeline providing water supply to 2 target zones targeted in Dusti.					



vulnerable areas (Kilometers)								
New piped water supply connections resulting from the project interventions (Number (Thousand))	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	30.00	Nov/2027
	Comments on achieving targets		Individual piped water connections include those of households, budget organizations and social institutions, and which are metered and entered in the utility database.					
Number of social institutions with basic sanitation and hygiene facilities installed (Number)	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	50.00	Nov/2027
	Comments on achieving targets		Upgraded WASH facilities in schools and HCFs will need to meet criteria for basic access to sanitation under SDG 6.2 for safety, privacy and safe sewage disposal. Sanitation facilities also need to be accessible to people with disabilities, and have allocated facilities for menstrual hygiene management for female students and teachers.					
Number of schools with basic sanitation and hygiene facilities installed (Number)	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	30.00	Nov/2027
Number of healthcare facilities with basic and sanitation and hygiene facilities installed (Number)	0.00	Mar/2022	0.00	15-Dec-2023			20.00	Nov/2027
Number of people benefitting from training to improve water, sanitation and hygiene behaviour (Number (Thousand))	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	150.00	Nov/2027
Number of female beneficiaries of the training on water supply, sanitation and	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	75.00	Nov/2027



hygiene behaviour (Number (Thousand))								
Number of people with improved access to basic water supply services (Number (Thousand))	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	5.00	Nov/2027
	Comments on achieving targets		The indicator measures number of rural people that cannot be connected to centralized water supply network and will have to continue relying on decentralized water supply solutions with access to water supply services upgraded to "basic" as per definition of the SDG6.1.					
Component 3 - Project Management and Monitoring								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Number of KMK, MEWR, PMU and water utilities staff benefitting from trainings (Number) (Number)	0.00	Mar/2022	2	24-May-2024	2	24-May-2024	300.00	Feb/2027
	Comments on achieving targets		The training plan will be prepared as part of the POM, and updated on annual basis to cover operational, M&E, procurement, financial management trainings of the MEWR, SUE KMK, PMU and target utilities.					
Number of female staff provided with trainings (Number)	0.00	Mar/2022	1	24-May-2024	1	24-May-2024	50.00	Nov/2027
Share of project beneficiaries who report that the project has established effective engagement processes (Percentage)	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	90.00	Feb/2027
	Comments on achieving targets		The indicator will measure satisfaction of beneficiaries with the engagement processes established under the project. Engagement processes are designed to serve two objectives - ensure local demands and concerns are accounted for during the project design and improve accountability in provision of services. Overall satisfaction of beneficiaries (households in project zones) with the established engagement processes, namely with community mobilization for access to information, involvement of WASH committees in BCC campaign and development of self-reporting beneficiary feedback mechanism, beneficiary satisfaction surveys and development of formal GRM mechanisms for utilities and project separately.					
	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	50.00	Feb/2027

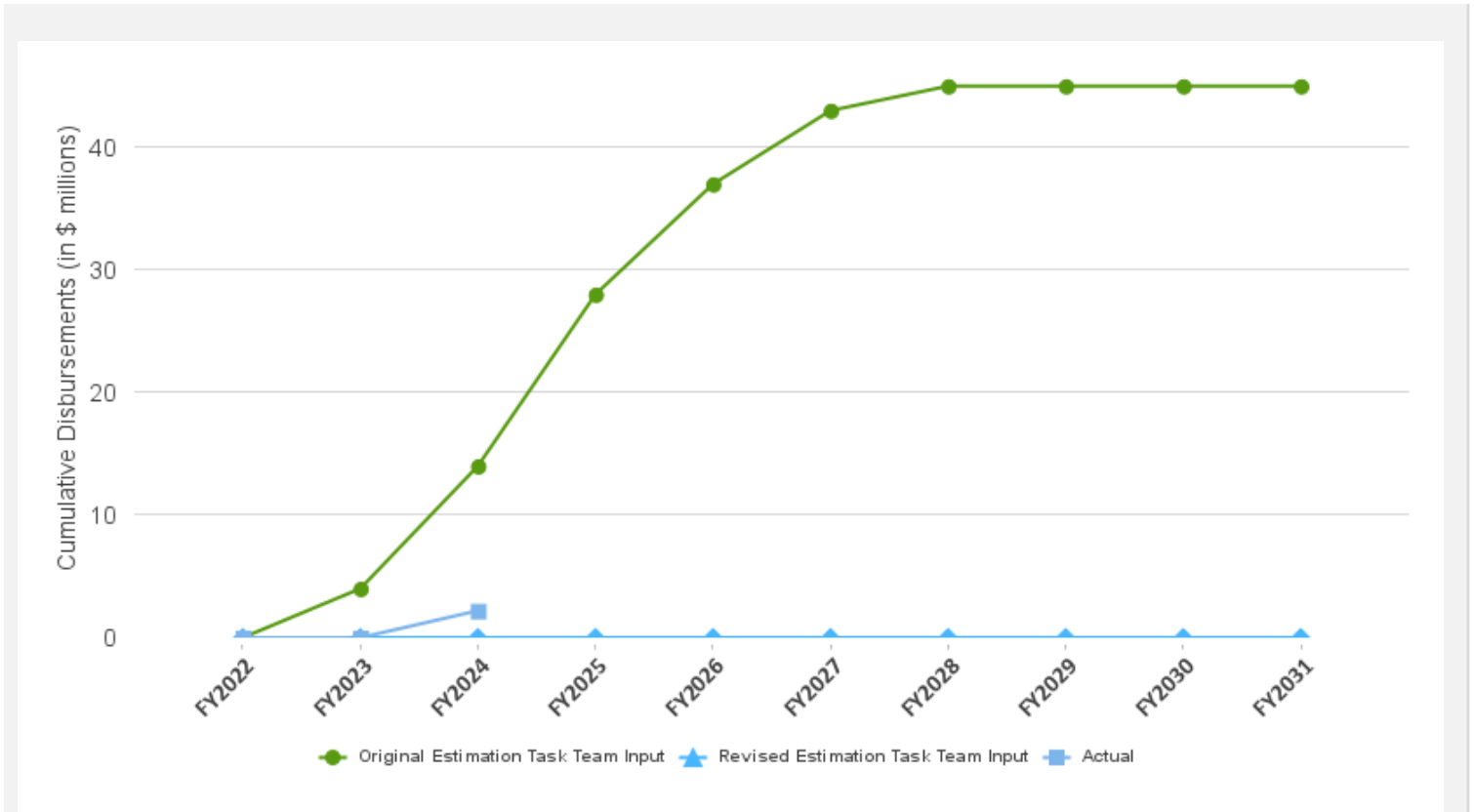


Number of junior professionals hired as interns by the target utilities (Number)	Comments on achieving targets		Junior professionals will be hired by the MEWR, SUE KMK and target utilities as interns for 3-6 months period and paid small benefits as part of the operating costs. These interns will be engaged and trained on implementation of the project-related tasks. Interns will need to complete a feedback form upon completion of their internship.					
Number of female junior professionals hired as interns (Number)	0.00	Mar/2022	0.00	24-May-2024	0.00	24-May-2024	25.00	Feb/2027



7. DATA ON FINANCIAL PERFORMANCE

7.1 Cumulative Disbursements



7.2 Disbursements (by loan)

Loan/Credit/TF	Status	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
IDA-E0950	Effective	45.00	45.00	0.00	2.20	42.12	4.89%

7.3 Key Dates (by loan)

Loan/Credit/TF	Status	Approval	Signing	Effectiveness	Orig. Closing	Rev. Closing
IDA-E0950	Effective	23-Jun-2022	03-Oct-2022	01-Jun-2023	30-Nov-2027	30-Nov-2027

8. KEY DATES



Key Events	Planned	Actual
Approval	23-Jun-2022	23-Jun-2022
Effectiveness	15-Feb-2023	01-Jun-2023
Mid-Term Review No. 01	09-Jun-2025	
Operation Closing/Cancellation	30-Nov-2027	

9. RESTRUCTURING HISTORY

10. ASSOCIATED OPERATION(S)

There are no associated operations