ne World Bank

Report No: ISR8010

# Implementation Status & Results Tajikistan

# Municipal Infrastructure Development Project (P079027)

Operation Name: Municipal Infrastructure Development Project (P079027)	Project Stage:	Implementation	Seq.No: 12	Status: ARCHIVED	Archive Date:	26-Dec-2012
Country: Tajikistan		Approval F	Y: 2006			

Product Line: IBRD/IDA Region: EUROPE AND CENTRAL ASIA Lending Instrument: Specific Investment Loan

Implementing Agency(ies): Khochagii Manziliu Komunali

## **Key Dates**

Board Approval Date	19-Jan-2006	Original Closing Date 31-Aug-2011	Planned Mid Term Review Date	12-May-2008	Last Archived ISR Date 03-Mar-2012
Effectiveness Date	12-Apr-2006	Revised Closing Date 31-Aug-2015	Actual Mid Term Review Date	22-Sep-2008	

## **Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The development objective of MIDP is to improve the availability, quality and efficiency of delivery of basic municipal services to the population of the towns which participate in the project.

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

# Component(s)

Component Name	Component Cost
Municipal Infrastructure Rehabilitation	12.50
Technical and Institutional Strengthening	1.50
Implementation Support	2.50

## **Overall Ratings**

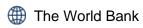
	Previous Rating	Current Rating
Progress towards achievement of PDO	Satisfactory	Satisfactory
Overall Implementation Progress (IP)	Satisfactory	Satisfactory
Overall Risk Rating		Substantial

# **Implementation Status Overview**

This ISR is based on the findings of a supervision mission held from October 29 - November 3, 2012.

#### **OVERVIEW OF PROGRESS TO DATE:**

The implementation of the Municipal Infrastructure Development Project (MID) is satisfactory. The Project fully completed its third phase investment program and was closed as



planned on August 31, 2012. The disbursed balance of the grant as of November 1, 2012 is USD 16.271 million (SDR 10.562 million), i.e. approximately 99.64% of total funding. All outcome indicators have been met and in many cases the achieved values exceeded the targets.

The Additional Financing to MIDP (MIDP-AF) in the amount of SDR 7.7 million (US\$11.85 million equivalent) in the form of IDA Grant was approved by the Board of Executive Directors on May 8, 2012. The Government took necessary steps to quickly meet conditions of Effectiveness per the Financing Agreement (FA) signed in August 2012 and the project was declared effective by IDA on September 5, 2012 without delays. The MIDP-AF was also used as the vehicle for retroactive financing up to SDR1.22 million aimed to help the Ministry of Land Reclamation and Water Resources (MLRWR) in preparation for anticipated excessive spring flooding in 2012. The required materials were procured and works have been carried out. Technical, fiduciary and safeguards audit for procurement and use of the materials required for flood protection measures by the MLRWR has been contracted and is under way. It is expected that the report will be submitted to IDA in December 2012 for review to meet agreed retroactive financing disbursement conditions for this component.

#### Locations

Country	First Administrative Division	Location	Planned	Actual
Tajikistan	Viloyati Khatlon	Vose'		✓
Tajikistan	Viloyati Khatlon	Vose'		
Tajikistan	Viloyati Sughd	Istaravshan		✓
「ajikistan	Viloyati Sughd	Istaravshan		
ajikistan	Khatlon	Kurgan-Tyube		✓
Fajikistan	Viloyati Khatlon	Qurghonteppa		
ajikistan	Not Entered	Kofarnihon		✓
<sup>-</sup> ajikistan	Not Entered	Kofarnihon		
ājikistan	Khatlon	KÅ-lob		✓
ājikistan	Viloyati Khatlon	Kulob		
ajikistan	Not Entered	Gharm		✓
Гаjikistan	Not Entered	Gharm		
「ajikistan	Khatlon	Danghara		✓
ajikistan	Viloyati Khatlon	Danghara		
ajikistan	Not Entered	Konibodom		✓
- ajikistan	Not Entered	Konibodom		

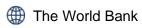
#### Results

## **Project Development Objective Indicators**

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Increase in the availability of water supply as		Percentage	Value	0.00	0.00	80.00
expressed in percentage of population having at least 16 hours of water in both summer and			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
winter for Farkhor			Comments	baseline not applicable		
Increase in the availability of water supply as	$\top$	Percentage	Value	26.00	45.00	45.00
expressed in percentage of population having at least 16 hours of water in both summer and			Date	21-Feb-2006	27-Jul-2012	31-Aug-2012
winter for Vakhdat			Comments		Population with access to water services increased by 9283 people, or 19 %.	target does not change (not part of AF MIDP)
Increase in the availability of water supply as		Percentage	Value	6.00	32.00	70.00
expressed in percentage of population having			Date	21-Feb-2006	27-Jul-2012	31-Aug-2015
at least 16 hours of water in both summer and winter for Vose			Comments		Population with access to water services increased by 7020 people, or 26 %.	
Increase in the availability of water supply as		Percentage	Value	68.00	84.00	84.00
expressed in percentage of population having			Date	21-Feb-2006	27-Jul-2012	31-Aug-2012
at least 16 hours of water in both summer and winter for Rasht (Garm)			Comments		Population with access to water services increased by 1481 people, or 16 %.	target does not change (not part of AF MIDP)
Increase in the availability of water supply as		Percentage	Value	58.00	75.00	75.00
expressed in percentage of population having			Date	21-Feb-2006	27-Jul-2012	31-Aug-2012
at least 16 hours of water in both summer and winter for Kurgun Tyube			Comments		Population with access to water services increased by 12223 people, or 17 %.	target does not change (not part of AF MIDP)
Increase in the availability of water supply as		Percentage	Value	13.00	45.00	45.00
expressed in percentage of population having			Date	21-Feb-2006	27-Jul-2012	31-Aug-2012
at least 16 hours of water in both summer and winter for Kulyab			Comments		Population with access to water services increased by 28160 people, or 32 %.	target does not change (not part of AF MIDP)
Increase in the availability of water supply as		Percentage	Value	2.00	17.00	17.00
expressed in percentage of population having			Date	21-Feb-2006	27-Jul-2012	31-Aug-2012
at least 16 hours of water in both summer and winter for Kanibadam			Comments		Population with access to water services increased by 7237 people, or 15 %.	target does not change (not part of AF MIDP)



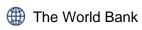
Increase in the availability of water supply as		Percentage	Value	24.00	44.00	44.00
expressed in percentage of population having at least 16 hours of water in both summer and			Date	22-Feb-2006	27-Jul-2012	31-Aug-2012
winter for Istravshan			Comments		Population with access to water services increased by 12410 people, or 20 %.	target does not change (not part of AF MIDP)
ncrease in the availability of water supply as		Percentage	Value	60.00	79.00	79.00
expressed in percentage of population having at least 16 hours of water in both summer and			Date	22-Feb-2006	27-Jul-2012	31-Aug-2012
winter for Dangara			Comments		Population with access to water services increased by 4120 people, or 19 %.	target does not change (not part of AF MIDP)
mproved solid waste management as		Percentage	Value	38.00	58.00	58.00
percentage of population covered with solid			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
waste collection services at least once a week in Danghara			Comments		the share of population covered with these services has increased by 20% or by 1 345 people.	target does not change (not part of AF MIDP)
mproved solid waste management as		Percentage	Value	73.00	87.00	87.00
percentage of population covered with solid waste collection services at least once a week in Istaravshan			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments		the share of population covered with the services has increased by 14% or by 7 816 people.	target does not change (not part of AF MIDP)
mproved solid waste management as		Percentage	Value	21.00	45.00	45.00
percentage of population covered with solid waste collection services at least once a week			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Kulyab			Comments			target does not change (not part of AF MIDP)
mproved solid waste management as		Percentage	Value	38.00	75.00	75.00
percentage of population covered with solid waste collection services at least once a week			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Kurgan Tube			Comments			target does not change (not part of AF MIDP)
mproved solid waste management as		Percentage	Value	35.00	35.00	50.00
percentage of population covered with solid waste collection services at least once a week			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
n Vose			Comments			
mproved solid waste management as		Percentage	Value	0.00	0.00	90.00
percentage of population covered with solid			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
waste collection services at least once a week in Farkhor			Comments	baseline not applicable		



mproved solid waste management as		Percentage	Value	31.00	49.00	49.00
percentage of population covered with solid waste collection services at least once a week			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
in Vahdat			Comments			target does not change (not part of AF MIDP)
mproved solid waste management as		Percentage	Value	18.00	32.00	32.00
percentage of population covered with solid			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
waste collection services at least once a week n Gharm			Comments			target does not change (not part of AF MIDP)
mproved solid waste management as		Percentage	Value	58.00	77.00	77.00
percentage of population covered with solid waste collection services at least once a week			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Kanibodam			Comments			target does not change (not part of AF MIDP)
Efficiency of water utilities measured through		Percentage	Value	65.00	13.00	13.00
unaccounted for water in Dangara			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Efficiency of water utilities measured through		Percentage	Value	60.00	56.00	56.00
unaccounted for water in Vahdat			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Efficiency of water utilities measured through		Percentage	Value	65.00	58.00	58.00
unaccounted for water in Rasht (Garm)			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Efficiency of water utilities measured through		Percentage	Value	58.00	17.00	17.00
unaccounted for water in Kanibadam			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Efficiency of water utilities measured through		Percentage	Value	67.00	18.40	18.40
unaccounted for water in Kulyab			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Efficiency of water utilities measured through		Percentage	Value	60.00	56.00	56.00
unaccounted for water in Kurgan-Tube			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)



Efficiency of water utilities measured through	Percentage	Value	62.00	24.00	24.00
unaccounted for water in Istaravshan		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
		Comments			target does not change (not part of AF MIDP)
Efficiency of water utilities measured through	Percentage	Value	60.00	54.00	52.00
unaccounted for water in Vose		Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
		Comments			
Efficiency of water utilities measured through	Percentage	Value	0.00	91.00	50.00
unaccounted for water in Farkhor		Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
		Comments	baseline not applicable		
mproved efficiency of participating utilities as	Percentage	Value	0.00	4.62	15.00
measured by a reduction in energy		Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
consumption costs (as a percentage of total operating costs) Farkhor		Comments	baseline not applicable		low energy use due to underperformance of the system. after rehabilitation more energy will be used
Improved efficiency of participating utilities as	Percentage	Value	35.00	4.35	20.00
measured by a reduction in energy		Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
consumption costs (as a percentage of total operating costs) in Vose		Comments			the use of energy is low at the moment due to underperfromance. after rehabilitation more energy will be used
mproved efficiency of participating utilities as	Percentage	Value	16.00	10.72	10.72
measured by a reduction in energy		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
consumption costs (as a percentage of total operating costs) in Vakhdat		Comments			target does not change (not part of AF MIDP)
Improved efficiency of participating utilities as	Percentage	Value	17.00	0.00	0.00
measured by a reduction in energy		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
consumption costs (as a percentage of total operating costs) in Garm (Rasht)		Comments		This indicator is not applicable (gravity is used)	This indicator is not applicabl (gravity is used); target does not change (not part of AF MIDP)
Improved efficiency of participating utilities as	Percentage	Value	15.00	3.07	3.07
measured by a reduction in energy		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
consumption costs (as a percentage of total operating costs) in Kurgan Tube		Comments			target does not change (not part of AF MIDP)

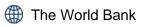


Improved efficiency of participating utilities as		Percentage	Value	9.00	0.05	0.05
measured by a reduction in energy			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
consumption costs (as a percentage of total operating costs) in Dangara			Comments		This indicator is not applicable (gravity is used)	This indicator is not applicable (gravity is used); target does not change (not part of AF MIDP)
Improved efficiency of participating utilities as		Percentage	Value	16.00	0.91	0.91
measured by a reduction in energy consumption costs (as a percentage of total			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
operating costs) Kulyab			Comments		This indicator is not applicable (gravity is used)	This indicator is not applicable (gravity is used); target does not change (not part of AF MIDP)
Improved efficiency of participating utilities as		Percentage	Value	25.00	11.47	11.47
measured by a reduction in energy consumption costs (as a percentage of total			Date	26-Apr-2006	27-Jul-2012	31-Aug-2012
operating costs) Kanibadam			Comments			target does not change (not part of AF MIDP)
Improved efficiency of participating utilities as		Percentage	Value	15.00	3.88	3.88
measured by a reduction in energy consumption costs (as a percentage of total			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
operating costs) Istravshan			Comments			target does not change (not part of AF MIDP)
Financial efficiency of the water utilities,		Percentage	Value	0.00	1.00	1.00
measured through revenue to operating costs ratio in Vose			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
Tallo III Vose			Comments	baseline not applicable		
Financial efficiency of the water utilities,		Percentage	Value	0.00	0.39	1.10
measured through revenue to operating costs ratio in Farkhor			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
			Comments	baseline not applicable		
Efficiency of water utilities, measured through		Text	Value	0.00	0.07	0.06
reduction of energy costs per unit of water produced in Farkhor			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
produced in Familie.			Comments	baseline not applicable Unit of Measure = kWh/m3		at the beginning ICR
Percentage of households reporting poor water		Percentage	Value	46.00	23.00	23.00
quality in Danghara			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Customers rating of water supply services,		Percentage	Value	0.00	31.00	80.00
expressed as percentage of customers rating the services as satisfactory in Farkhor			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
and doi video as satisfactory in r antitor			Comments	baseline not available		



Percentage of households reporting poor water		Percentage	Value	56.00	33.00	33.00
quality in Istaravhsan			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Percentage of households reporting poor water		Percentage	Value	51.00	28.00	28.00
quality in Vose			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
			Comments			Network will be extended (current indicator will be used
Percentage of households reporting poor water		Percentage	Value	83.00	49.00	49.00
quality in Kanibodam			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Percentage of households reporting poor water		Percentage	Value	39.00	13.00	13.00
quality in Kulyab			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Percentage of households reporting poor water		Percentage	Value	28.00	11.00	11.00
quality in Kurgan Tube			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Percentage of households reporting poor water		Percentage	Value	6.00	3.00	3.00
quality in Garm			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Percentage of households reporting poor water		Percentage	Value	16.00	5.00	5.00
quality in Vahdat			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Customers rating of water supply services,		Percentage	Value	56.00	75.00	75.00
expressed as percentage of customers rating he services as satisfactory in Danghara			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
The services as satisfactory in Danghara			Comments			target does not change (not part of AF MIDP)
Customers rating of water supply services,		Percentage	Value	13.00	36.00	36.00
expressed as percentage of customers rating			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
the services as satisfactory in Istaravshan			Comments			target does not change (not part of AF MIDP)

Customers rating of water supply services,		Percentage	Value	13.00	35.00	35.00
expressed as percentage of customers rating the services as satisfactory in Garm			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Percentage of households reporting poor water		Percentage	Value	0.00	88.00	10.00
quality in Farkhor			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
			Comments	baseline not applicable		
Customers rating of water supply services,		Percentage	Value	8.00	29.00	29.00
expressed as percentage of customers rating			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
the services as satisfactory in Kanibodam			Comments			target does not change (not part of AF MIDP)
Customers rating of water supply services,		Percentage	Value	44.00	69.00	69.00
expressed as percentage of customers rating			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
the services as satisfactory in Kulyab			Comments			target does not change (not part of AF MIDP)
Customers rating of water supply services, expressed as percentage of customers rating the services as satisfactory in Kurgan Tube		Percentage	Value	45.00	71.00	71.00
			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Customers rating of water supply services, expressed as percentage of customers rating the services as satisfactory in Vahdat		Percentage	Value	36.00	59.00	59.00
			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
			Comments			target does not change (not part of AF MIDP)
Customers rating of water supply services,		Percentage	Value	40.00	64.00	70.00
expressed as percentage of customers rating			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
the services as satisfactory in Vose			Comments			network will be extended (current indicator will be used)
Length of river embankment rehabilitated by		Meter(m)	Value		0.00	4500.00
he government to mitigate risks associated			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
with 2012 Spring flooding			Comments	baseline not applicable		subject to completion of works supervised by the Ministry of Melioration and Water Resources



Number of people in urban areas provided with Number Value 0.00 access to Improved Sanitation under the 05-Sep-2012 05-Sep-2012 31-Aug-2015 Date project New indicator. Targets will be Comments updated during mission in March 2013 Number of people in urban areas provided with Number Value 0.00 access to regular solid waste collection under 05-Sep-2012 05-Sep-2012 31-Aug-2015 Date the project Comments New indicator. Targets will be updated during mission in March 2013 Number of people in urban areas provided with 0.00 Value 189805.00 236864.00 Number access to Improved Water Sources under the Date 21-Apr-2006 27-Jul-2012 31-Aug-2015 project Comments

Intermediate Results Indicators						
Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Piped household water connections that are benefiting from rehabilitation works undertaken by the project	X	Number	Value	0.00	89925.00	94805.00
			Date	12-Apr-2006	27-Jul-2012	31-Aug-2015
			Comments	baseline not applicable		
Improved community water points constructed or rehabilitated under the project	X	Number	Value	0.00	1612.00	1702.00
			Date	12-Apr-2006	27-Jul-2012	31-Aug-2015
			Comments	baseline not applicable		
New piped household water connections that are resulting from the project intervention	$\times$	Number	Value	0.00	18568.00	19618.00
			Date	12-Apr-2006	27-Jul-2012	31-Aug-2015
			Comments			
Number of metered connections in Farkhor		Number	Value	0.00	0.00	3400.00
			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
			Comments	baseline is not applicable		
Improvement of collection in DVKs (Kurgan- Tube and Kulyab)due to introduction of payment system through mobile electronic		Percentage	Value	0.00	0.00	50.00
			Date	21-Apr-2006	27-Jul-2012	31-Aug-2015
kiosks (measured through the percentage of electronic payments for ws and wws)			Comments	baseline is not applicable		
Number of water utilities that the project is	X	Number	Value	0.00	8.00	9.00
supporting			Date	12-Apr-2006	27-Jul-2012	31-Aug-2015
			Comments	baseline not applicable		



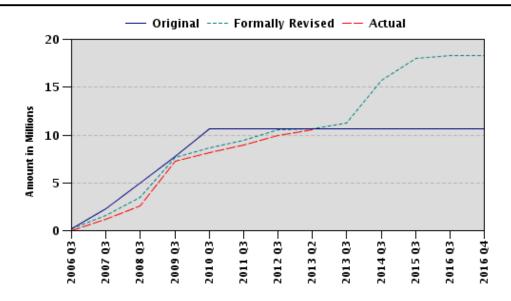
Data on Financial Performance (as of 20-Nov-2012)

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P079027	IDA-H2000	Closed	19-Jan-2006	21-Feb-2006	12-Apr-2006	31-Aug-2011	31-Aug-2012
P079027	IDA-H7690	Effective	08-May-2012	23-Aug-2012	05-Sep-2012	31-Aug-2015	31-Aug-2015

## **Disbursements (in Millions)**

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P079027	IDA-H2000	Closed	XDR	10.60	10.60	0.00	10.58	0.02	100.00
P079027	IDA-H7690	Effective	XDR	7.70	7.70	0.00	0.00	7.70	0.00

## **Disbursement Graph**



# **Key Decisions Regarding Implementation**

There are no decisions for disclosure.

# **Restructuring History**

Level one Approved on 11-Jul-2011, Level two Approved on 23-Feb-2012

# **Related Projects**

P127130-ADDITIONAL FINANCING MUNICIPAL INFRASTRUCTURE