# Implementation Status & Results Tajikistan

# Municipal Infrastructure Development Project (P079027)

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Operation Name: Mu	nicipal Infrastructur	e Development Project (P07902	7) Project Stage:	Implementation	Seq.No: 14	Status: ARCHIVED	Archive Dat	e: 19-Jan-2014
		Country: Tajikistan		Approval FY:	2006			
Product Line: IBRD/ID	A	Region: EUROPE ANI	D CENTRAL ASIA	Lending Instr	ument: Specific	c Investment Loan		
Implementing Agency	(ies): Khochagii Man	nziliu Komunali (KMK)						
Key Dates								
Board Approval Date	19-Jan-2006	Original Closing Date 31-Aug	g-2011 Planne	d Mid Term Review Date	e 12-May-20	08 Last Archiv	ed ISR Date	23-Jun-2013
Effectiveness Date	12-Apr-2006	Revised Closing Date 31-Aug	g-2015 Actual	Mid Term Review Date	22-Sep-200	08		

### **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?

○ Yes ● No

## Component(s)

Component Name	Component Cost	
Municipal Infrastructure Rehabilitation	20.52	
Technical and Institutional Strengthening	4.69	
Implementation Support	4.75	

### **Overall Ratings**

		Previous Rating	Current Rating
Pro	ogress towards achievement of PDO	Satisfactory	Satisfactory
Ov	erall Implementation Progress (IP)	Moderately Satisfactory	Moderately Satisfactory
Ov	erall Risk Rating	Substantial	Substantial

### Implementation Status Overview

This ISR is based on the findings of a supervision mission held from December 2 - 9, 2013.

### OVERVIEW OF MIDP-AF PROGRESS TO DATE:

Progress towards achievement of PDO is satisfactory. The MIDP-AF in the amount of IDA Grant of SDR 7.7 million (US\$11.85 million equivalent) was approved by the Board of

Actual

√

√

✓

√

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√

√

√

Planned

Executive Directors on May 8, 2012 and was declared effective by IDA on September 5, 2012. The disbursed balance of the grant as of December 13, 2013 is USD 4.608 million (SDR 2.996 million), i.e. approximately 38.92% of total funding. Despite some initial delays, Project Management Consultants (PMC) and the Municipal and Communal Services Development Strategy Consultants were contracted and have started their assignments. Their mobilization is expected to significantly progress the implementation of both technical and institutional components under the project.

Location

Danghara

Danghara

Konibodom

Konibodom

Vose'

First Administrative Division

Vilovati Khatlon

Khatlon

Viloyati Khatlon

Not Entered

Not Entered

Public Disclosure Copy

Locations

Country

Tajikistan

Viloyati Khatlon Vose' Viloyati Sughd Istaravshan Viloyati Sughd Istaravshan Khatlon Kurgan-Tyube Viloyati Khatlon Qurghonteppa Not Entered Kofarnihon Not Entered Kofarnihon Khatlon KÅ-lob Viloyati Khatlon Kulob Not Entered Gharm Gharm Not Entered

# Results

**Project Development Objective Indicators** 

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
ncrease in the availability of water supply as		Percentage	Value	0.00	0.00	80.00
expressed in percentage of population having			Date	21-Apr-2006	12-Dec-2013	31-Aug-2015
at least 16 hours of water in both summer and vinter for Farkhor			Comments	baseline not applicable		
ncrease in the availability of water supply as		Percentage	Value	26.00	45.00	45.00
xpressed in percentage of population having t least 16 hours of water in both summer and			Date	21-Feb-2006	27-Jul-2012	31-Aug-2012
vinter for Vakhdat			Comments		Population with access to water services increased by 9283 people, or 19 %.	target does not change (not part of AF MIDP)
ncrease 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	19-Apr-2013	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 %.	
ncrease in the availability of water supply as		Percentage	Value	68.00	84.00	84.00
xpressed 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)
ncrease in the availability of water supply as		Percentage	Value	58.00	75.00	75.00
xpressed in percentage of population having t least 16 hours of water in both summer and			Date	21-Feb-2006	27-Jul-2012	31-Aug-2012
vinter 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)
ncrease in the availability of water supply as		Percentage	Value	13.00	45.00	45.00
xpressed 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)
ncrease 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 expressed in percentage of population having at least 16 hours of water in both summer and	Percentage	Value	24.00	44.00	44.00
		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 vaste collection services at least once a week		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
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
ercentage of population covered with solid vaste collection services at least once a week		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Istaravshan		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 vaste 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 vaste 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	12-Dec-2013	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	12-Dec-2013	31-Aug-2015
waste collection services at least once a week in Farkhor		Comments	baseline not applicable		

Improved solid waste management as percentage of population covered with solid waste collection services at least once a week in Vahdat	Percentage	Value	31.00	49.00	49.00
		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
		Comments			target does not change (not part of AF MIDP)
Improved solid waste management as	Percentage	Value	18.00	32.00	32.00
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 Gharm		Comments			target does not change (not part of AF MIDP)
Improved 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
in 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	12-Dec-2013	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	12-Dec-2013	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 consumption costs (as a percentage of total			Date	21-Apr-2006	12-Dec-2013	31-Aug-2015
operating costs) Farkhor			Comments	baseline not applicable		low energy use due to underperformance of the system. after rehabilitation more energy will be used
mproved efficiency of participating utilities as		Percentage	Value	35.00	4.35	20.00
measured by a reduction in energy			Date	21-Apr-2006	12-Dec-2013	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 wil be used
mproved efficiency of participating utilities as		Percentage	Value	16.00	10.72	10.72
neasured 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)
mproved 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 applicable (gravity is used); target does not change (not part of AF MIDP)
mproved 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
neasured by a reduction in energy consumption costs (as a percentage of total			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
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		, č	Date	26-Apr-2006	27-Jul-2012	31-Aug-2012
consumption costs (as a percentage of total 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	12-Dec-2013	31-Aug-2015
			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	12-Dec-2013	31-Aug-2015
			Comments	baseline not applicable		
Efficiency of water utilities, measured through		Text	Value	0.00		0.06
reduction of energy costs per unit of water produced in Farkhor			Date	21-Apr-2006	12-Dec-2013	31-Aug-2015
			Comments	baseline not applicable Unit of Measure = kWh/m3		at the beginning ICR
Decrease of number of households receiving		Percentage	Value	46.00	23.00	23.00
poor water quality (% of total population) 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	12-Dec-2013	31-Aug-2015
			Comments	baseline not available		

Decrease of number of households receiving	Percentage	Value	56.00	33.00	33.00
poor water quality (% of total population) in Istaravhsan		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
staravnsan		Comments		006 27-Jul-2012 31   Image:	target does not change (not part of AF MIDP)
Decrease of number of households receiving	Percentage	Value	51.00	28.00	28.00
poor water quality (% of total population) in /ose		Date	21-Apr-2006	12-Dec-2013	31-Aug-2015
vose		Comments			Network will be extended (current indicator will be used
Decrease of number of households receiving	Percentage	Value	83.00	49.00	49.00
poor water quality (% of total population) in Kanibodam		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
Cambodam		Comments			target does not change (not part of AF MIDP)
Decrease of number of households receiving	Percentage	Value	39.00	13.00	13.00
poor water quality (% of total population) in		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
Kulyab		Comments			target does not change (not part of AF MIDP)
Decrease of number of households receiving	Percentage	Value	28.00	11.00	11.00
boor water quality (% of total population) in		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
Kurgan Tube		Comments			target does not change (not part of AF MIDP)
Decrease of number of households receiving	Percentage	Value	6.00	3.00	3.00
poor water quality (% of total population) in Garm		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
Jann		Comments			target does not change (not part of AF MIDP)
Decrease of number of households receiving	Percentage	Value	16.00	5.00	5.00
poor water quality (% of total population) in /ahdat		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
vandat		Comments			target does not change (not part of AF MIDP)
ncrease in number of population satisfied with	Percentage	Value	56.00	75.00	75.00
water supply services (as % of total population)		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Danghara		Comments			target does not change (not part of AF MIDP)
ncrease in number of population satisfied with	Percentage	Value	13.00	36.00	36.00
water supply services (as % of total population)		Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Istaravshan		Comments			target does not change (not part of AF MIDP)

Increase in number of population satisfied with		Percentage	Value	13.00	35.00	35.00
water supply services (as % of total population) in Garm			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
Gain			Comments		27-Jul-2012   88.00   12-Dec-2013   ble   29.00   27-Jul-2012   69.00   27-Jul-2012   71.00   27-Jul-2012   59.00   27-Jul-2012   64.00   12-Dec-2013	target does not change (not part of AF MIDP)
ercentage of households reporting poor water		Percentage	Value	0.00	88.00	10.00
quality in Farkhor			Date	21-Apr-2006	12-Dec-2013	31-Aug-2015
			Comments	baseline not applicable		
ncrease in number of population satisfied with		Percentage	Value	8.00	29.00	29.00
vater supply services (as % of total population)			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Kanibudam			Comments			target does not change (not part of AF MIDP)
ncrease in number of population satisfied with		Percentage	Value	44.00	69.00	69.00
vater supply services (as % of total population)			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Kulyab			Comments			target does not change (not part of AF MIDP)
ncrease in number of population satisfied with		Percentage	Value	45.00	71.00	71.00
water supply services (as % of total population)			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Kurgan Tube			Comments			target does not change (not part of AF MIDP)
ncrease in number of population satisfied with		Percentage	Value	36.00	59.00	59.00
water supply services (as % of total population)			Date	21-Apr-2006	27-Jul-2012	31-Aug-2012
n Vahdat			Comments			target does not change (not part of AF MIDP)
ncrease in number of population satisfied with		Percentage	Value	40.00	64.00	70.00
vater supply services (as % of total population)			Date	21-Apr-2006	12-Dec-2013	31-Aug-2015
n Vose			Comments			network will be extended (current indicator will be used
ength 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 work supervised by the Ministry of Melioration and Water Resources

Number of people in urban areas provided with	$\times$	Number	Value	0.00		
access to Improved Sanitation under the			Date	05-Sep-2012	12-Dec-2013	31-Aug-2015
project			Comments	New indicator. Targets will be updated during mission in March 2014		
Number of people in urban areas provided with	$\times$	Number	Value	0.00		
access to regular solid waste collection under			Date	05-Sep-2012	12-Dec-2013	31-Aug-2015
the project			Comments	New indicator. Targets will be updated during mission in March 2014		
Number of people in urban areas provided with	X	Number	Value	0.00	189805.00	236864.00
access to Improved Water Sources under the project			Date	21-Apr-2006	12-Dec-2013	31-Aug-2015
			Comments			

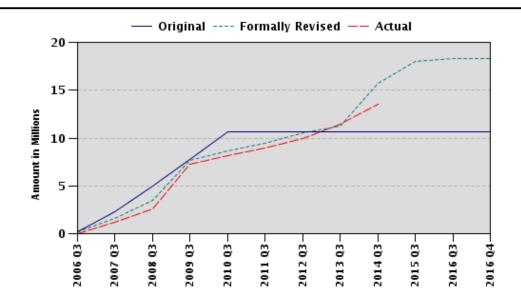
Intermediate Results Indicators										
Indicator Name	Core	Unit of Measure		Baseline	Current	End Target				
Piped household water connections that are benefiting from rehabilitation works undertaken by the project	X	Number	Value	0.00	89925.00	94805.00				
			Date	12-Apr-2006	12-Dec-2013	31-Aug-2015				
			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	12-Dec-2013	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	12-Dec-2013	31-Aug-2015				
			Comments							
Number of metered connections in Farkhor		Number	Value	0.00	0.00	3400.00				
			Date	21-Apr-2006	12-Dec-2013	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 kiosks (measured through the percentage of		Percentage	Value	0.00	0.00	50.00				
			Date	21-Apr-2006	12-Dec-2013	31-Aug-2015				
			Comments	baseline is not applicable						
electronic payments for ws and wws)										
Number of water utilities that the project is	$\mathbf{X}$	Number	Value	0.00	8.00	9.00				
supporting			Date	12-Apr-2006	12-Dec-2013	31-Aug-2015				
			Comments	baseline not applicable						

## Data on Financial Performance (as of 19-Dec-2013)

#### Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing D	ate I	Effectiveness Date	Original Closin	g Date Revised	Date Revised Closing Date 31-Aug-2012	
P079027	IDA-H2000	Closed	19-Jan-2006	21-Feb-2	2006	12-Apr-2006	31-Aug-2011	31-Aug		
P079027	IDA-H7690	Effective	08-May-2012	23-Aug-2	2012 (	05-Sep-2012	31-Aug-2015	31-Aug	2015	
Disbursements	s (in Millions)									
Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed	
P079027	IDA-H2000	Closed	XDR	10.60	10.5	7 0.	03 10.57	0.00	100.00	
					1					

# **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