



Second Ethiopia Urban Water Supply and Sanitation Project (P156433)

AFRICA | Ethiopia | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 6 | ARCHIVED on 27-Dec-2019 | ISR39797 |

Implementing Agencies: Federal Democratic Republic of Ethiopia, Water Development Commission at Ministry of Water, Irrigation and Electricity

Key Dates

Key Project Dates

Bank Approval Date: 31-Mar-2017

Effectiveness Date: 04-Aug-2017

Planned Mid Term Review Date: 30-Sep-2020

Actual Mid-Term Review Date: 13-Dec-2019

Original Closing Date: 07-Jul-2023

Revised Closing Date: 07-Jul-2023

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the project is to increase access to enhanced water supply and sanitation services in an operationally efficient manner in Addis Ababa and selected Secondary Cities.

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

No

Components

Name

Component 1: Sanitation and water supply services improvements in Addis Ababa:(Cost \$260.00 M)

Component 2: Sanitation and water supply services improvement in secondary cities:(Cost \$241.00 M)

Component 3: Project management & institutional strengthening:(Cost \$4.00 M)

Overall Ratings

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

Implementation Status and Key Decisions

The Project continues progressing at a steady pace to fulfil the institutional organization, staffing and capacity building requirements at the pre-investment step of the project.

- Addis Ababa Component: The construction of the Kality Wastewater Treatment Plant (WWTP) has been completed. The WWTP is operating at 50% of its full treatment capacity of 100,000m³/day. AAWSA hired an operator for Kality WWTP, completed sewerage works, enabled over 45,000 household connections, of which 11,000 new household connections, to sewerage and signed the contract for the feasibility study and design of the Eastern Catchment WWTP and sewer line projects, which will provide the bidding documents for the Eastern Catchment WWTP Design-Build-Operate (DBO) contract and sewer line Design-Bid-Build (DBB) contract by end June 2020.



AAWSA advanced the procurement process for the Performance-Based Contracting (PBC) for Non-Revenue Water (NRW) reduction, which is at prequalification stage.

- Secondary Cities Component: The project supports improvement of water supply and sanitation services in 22 secondary cities. The consultancies for city-wide inclusive sanitation (CWIS) plans and designs are finalized for five cities (Mekele, Adama, Dire Dawa, Bahir Dar and Hawassa), have initiated in Adigrat and are well advance in the remaining 16 cities. The WDC and participating utilities identified, through rapid assessments, "non regrettable investment" to be financed through the project in all cities. The WDC is preparing bidding documents for the construction of fecal sludge treatment plants (FSTP) the first five cities (Adama, Bahirdar, Diredawa, Hawassa and Mekelle) and public latrines in all cities.
- All the beneficiary utilities have engaged Project coordinators and FM Specialists. However, completing hiring and/or assignment of the missing key staff, including procurement, social and environmental safeguards and M&E specialists is critical to address implementation delays in some secondary cities.

An early Mid-Term Review (MTR) of the project was carried out from Dec 2 to 13, 2019 as a proactive measure to assess the project performance, review project design, and made practical recommendations to accelerate implementation, building on lessons and forward-thinking institutional arrangements which have come into place after effectiveness, such as the establishment of the WDC, the restructuring of the AAWSA, and a clearer public sanitation mandate for secondary city utilities.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	● High	● High	● High
Macroeconomic	● Moderate	● Moderate	● Moderate
Sector Strategies and Policies	● Substantial	● Moderate	● Moderate
Technical Design of Project or Program	● Substantial	● Moderate	● Moderate
Institutional Capacity for Implementation and Sustainability	● Substantial	● Substantial	● Substantial
Fiduciary	● Substantial	● Substantial	● Substantial
Environment and Social	● Substantial	● Substantial	● Substantial
Stakeholders	● Substantial	● Substantial	● Moderate
Other	● Moderate	● Moderate	● Substantial
Overall	● Substantial	● Substantial	● Substantial

Results

PDO Indicators by Objectives / Outcomes

increase access to water supply and sanitation services in Addis Ababa and the 22 secondary cities

►People in urban areas whose excreta are safely managed under the project (Number, Custom)

Baseline

Actual (Previous)

Actual (Current)

End Target



Value	0.00	357,500.00	365,438.00	2,762,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Addis Ababa (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	357,500.00	365,438.00	495,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Secondary cities (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,267,000.00
Date	30-Mar-2017	31-Oct-2018	03-Dec-2019	07-Jul-2023
▶Number of people in urban areas provided with access to Improved Water Sources under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	150,822.00	152,094.00	623,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Addis Ababa (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	154,000.00
Date	30-Mar-2017	31-Oct-2018	03-Dec-2019	07-Jul-2023
▲Secondary Cities (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	150,822.00	152,094.00	469,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▶Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	508,322.00	517,532.00	3,385,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	50.00	50.00	50.00



improve water supply and sanitation services operational efficiency in Addis Ababa and the 22 second				
► Operation cost coverage ratio (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.04	1.11	1.09	1.29
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲ Addis Ababa (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.04	0.96	0.94	1.29
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲ Secondary cities (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.09	1.39	1.39	1.34
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
► Savings from NRW interventions under the project (Cubic meters/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10,841,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲ Addis Ababa (Cubic meters/year, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6,680,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲ Secondary cities (Cubic meters/year, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4,161,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023

Intermediate Results Indicators by Components

Component 1: Sanitation and water supply services improvements in Addis Ababa



►New Sewer Connections constructed under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	70,455.00	11,317.00	55,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
Comments:	Following the advice of the previous mission, AAWSA is conducting a sewerage connection survey using its meter readers. At 85% of completion, the survey found that a total of 45,396 sewerage connections have been enabled in the Kality catchment as a result of the Project, of which 11,317 are new connections. Previously reported figures for this indicator were estimated based on the agreed assumptions of water consumption, as AAWSA did not yet have a completed baseline.			
▲Residential (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	54,955.00	9,619.00	50,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲commercial (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	15,500.00	1,698.00	5,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
►Improved Wastewater collection, transport and disposal capacity under the project M3/day (Cubic Meter(m3), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	31,000.00	50,000.00	223,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
Comments:	The completion of the connection of the 28km trunk sewer line with the 17.3km western wing sewer line has allowed additional inflow of sewage to the Kality WWTP of approx. 31,000m3/day, which is now operating at around 40 percent of its capacity.			
▲Addis Ababa (Cubic Meter(m3), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	31,000.00	50,000.00	80,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Secondary Cities (Cubic Meter(m3), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	143,000.00
Date	30-Mar-2017	31-Oct-2018	03-Dec-2019	07-Jul-2023



►Participating cities that have prepared and implemented an integrated urban sanitation management plan under the project. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	5.00	23.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Addis Ababa (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Secondary Cities (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	5.00	22.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
►People trained to improve hygiene behavior/sanitation practices under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	180.00	234,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲People trained to improve hygiene behavior/sanitation practices - female (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	162.00	117,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
►Number of public and communal latrines constructed under the project and providing service (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
Comments:	Identification and clearance of sites for provision of communal latrines for low-income areas and for public latrines are underway with 20 sites identified in Addis Ababa			
▲Addis Ababa (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023



▲Secondary cities (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	800.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023

Water supply and operational efficiency improvement in Addis Ababa and Secondary cities

▶New piped household water connections that are resulting from the project intervention (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	14,906.00	17,261.00	61,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023

Comments: A total of 38,361 connections (21,094 at baseline and 17,261 additional new connections) have benefited from the Project intervention in Dire Dawa.

▲Addis Ababa (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	17,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023

▲Secondary Cities (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	14,906.00	17,261.00	44,000.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023

▶Participating utilities that have established/ are using NRW data management system (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	23.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023

▲Addis Ababa (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023

▲Secondary Cities (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	0.00	0.00	22.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
►Collection Efficiency of participating utilities (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	81.00	52.50	80.00	95.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
Comments:	Based on the compiled baseline data for SCs as of EFY 2010			
▲Addis Ababa (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	87.00	44.00	80.00	95.00
Date	30-Mar-2017	31-Oct-2018	03-Dec-2019	07-Jul-2023
▲Secondary Cities (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	81.00	78.70	79.00	95.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
►Number of participating utilities with updated business plan (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9.00	5.00	23.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
Comments:	Based on the compiled baseline data for AA and SCs as of EFY 2010, 5 utilities (Mekele, Adama, Assela, Shashemene) have a working business plan. For AA a business plan exists but needs updating as it will be outdated in the next year. In the previous ISR, it was reported as 9 but following the initial assessment of WDC to utilities the figure is revised to 4. WDC is under preparation of TOR to update utilities respective Business plan.			
▲Addis Ababa (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Secondary Cities (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9.00	5.00	22.00



Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
Project management & institutional strengthening				
▶Trained PMU staff at Federal, regional and town level under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,933.00	3,869.00	12,350.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲Addis Ababa (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	648.00	2,614.00	1,400.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▲MoWIE, Regional Water bureaus and Secondary Cities (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,255.00	1,255.00	10,950.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
▶Number of participating utilities in secondary cities that have assigned a unit responsible for sanitation services (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	20.00	22.00	22.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
Comments:	All utilities have now established the sanitation structures under the utilities.			
▶Grievances registered related to delivery of project benefits that are actually addressed (%) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	83.00	83.00	85.00
Date	30-Mar-2017	17-May-2019	03-Dec-2019	07-Jul-2023
Comments:	Out of 36 grievances recorded in AA and DD 30 (about 83%) have been addressed while the remaining are under process. In AA a total of 22 Grievances have been registered (6 HH in related with 18km sewer line construction and 16 in relation with Kality WWTP). Of these 17 grievances (77%) have been addressed while remaining 5 are under process. For SCs, this indicator is reported from DD. Accordingly, out of 14 grievances recorded 13 have been addressed while 1 is partially addressed and the utility is under process to fully respond to the grievance.			



Data on Financial Performance

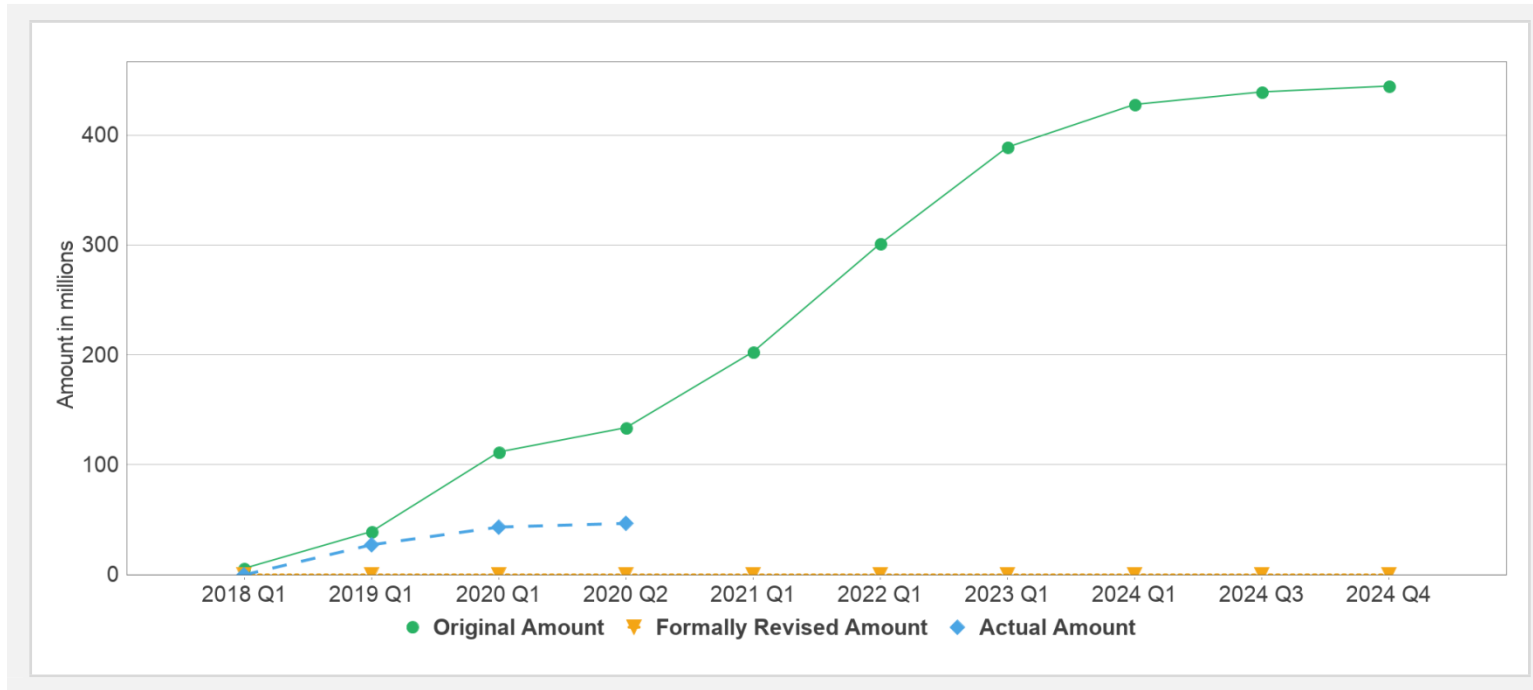
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P156433	IDA-60070	Effective	USD	320.00	320.00	0.00	46.84	280.17	14%
P156433	IDA-60080	Effective	USD	125.00	125.00	0.00	0.31	124.69	0.3%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P156433	IDA-60070	Effective	31-Mar-2017	07-Apr-2017	04-Aug-2017	07-Jul-2023	07-Jul-2023
P156433	IDA-60080	Effective	31-Mar-2017	07-Apr-2017	04-Aug-2017	07-Jul-2023	07-Jul-2023

Cumulative Disbursements





Restructuring History

Level 2 Approved on 22-Dec-2017

Related Project(s)

There are no related projects.
