



Liberia Urban Water Supply Project (P155947)

AFRICA WEST | Liberia | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 13 | ARCHIVED on 27-Apr-2022 | ISR51029 |

Implementing Agencies: Republic of Liberia, Liberia Water and Sewer Corporation

Key Dates

Key Project Dates

Bank Approval Date: 24-Mar-2016

Effectiveness Date: 12-Apr-2017

Planned Mid Term Review Date: 08-Jan-2019

Actual Mid-Term Review Date: 01-Feb-2019

Original Closing Date: 30-Jun-2021

Revised Closing Date: 30-Jun-2023

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective (PDO) is to increase access to piped water supply services in the project area in Monrovia and improve the operational efficiency of LWSC.

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

No

Components Table

Name

Infrastructure Improvements:(Cost \$36.30 M)

Capacity Building:(Cost \$3.70 M)

Overall Ratings

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

Implementation Status and Key Decisions

The project is on track to achieve its development objectives, provided proactivity and intensive implementation support are maintained for the remaining 14 months of implementation. The additional financing to the project became effective in December 2019. Overall disbursement currently stands at 47%. The project supports infrastructure, capacity building and institutional interventions to respond to the Covid-19 pandemic. Pipelines have been extended to critical locations, public water points rehabilitated, water facilities improved (including installation of polytanks), and critical materials have been supplied to support operation.



Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Macroeconomic	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Fiduciary	<input type="checkbox"/> High	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Environment and Social	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Overall	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Results

PDO Indicators by Objectives / Outcomes

To increase access to piped water supply services in the project area in Monrovia				
▶ 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	29,428.00	53,948.00	82,500.00
Date	24-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
Comments:	The number of people benefiting from the rehabilitation and expansion of the water supply system and improvement from the service is expected to pick up with the progress in the construction works.			
◻ Female beneficiaries provided with access to Improved Water Sources under the project (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	44.00	51.20	44.00
▶ Number of people in urban areas already connected and provided with access to enhanced water supply services under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	29,428.00	13,335.00	70,625.00
Date	12-Dec-2018	31-Aug-2021	31-Mar-2022	30-Jun-2023
Comments:	The number of people benefiting from rehabilitation of the water supply system and improvement from the service is expected to pick up with the progress in the construction works. The result showed a decline as it is updated based on the improvement in service from NRW reduction, it will further be updated to include all the improvement the project brought to the services of existing customers.			
<input type="checkbox"/> Female beneficiaries already connected and provided with access to enhanced water supply services under the project (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	44.00	51.20	44.00
▶ Active connections per length of piping (kilometers) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	28.00	37.26	37.66	76.00
Date	24-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023

To improve the operational efficiency of LWSC.				
▶ Metering Ratio (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	49.00	66.00	66.00	90.00
Date	24-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
▶ Non-Revenue Water (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	80.00	71.00	71.00	55.00
Date	24-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023

Intermediate Results Indicators by Components

Infrastructure Improvements				
▶ Distribution and main lines constructed or rehabilitated under the project (Kilometers, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	86.50	98.80	95.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
► Water storage capacity constructed under the project (Cubic Meter(m3), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4,500.00
Date	12-Dec-2018	31-Aug-2021	31-Mar-2022	30-Jun-2023
Comments:	This Monrovia water storage capacity is expected to increase substantially with the completion of the Payseville service reservoir with a capacity of 1Million Gallon.			
► Public Kiosks/Standpipes Constructed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	61.00	61.00	110.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
► Bulk meters installed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	10.00	20.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
► New piped household water connections that are resulting from the project intervention (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,680.00	4,904.00	16,500.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
► Piped household water connections that are benefiting from rehabilitation works undertaken by the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,680.00	2,680.00	14,125.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023

Capacity Building



▶ Collection Efficiency (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	75.00	85.00	85.00	92.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
▶ Modern customer care system in place and functional (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
▶ Customer Grievances Resolved (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.00	92.00	92.00	85.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
▶ Number of district meter areas set up (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	4.00	7.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
▶ Public consultations carried out (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	4.00	12.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
▶ LWSC Staff trained (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	146.00	202.00	30.00
Date	01-Mar-2016	31-Aug-2021	31-Mar-2022	30-Jun-2023
Comments:	Capacity building activities have been carried out on non-revenue water techniques, leak detection training, GIS and financial audit. Procurement training was also conducted for the Procurement committee. This activity will continue up to the project completion. The number included the recent			



training provided on NRW including 41 staff in two groups and additional 35 meter readers and account officers trained by the NRW team.

► Female community facilitators and female water kiosks operators recruited under the project (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	19.00	19.00	40.00
Date	12-Dec-2018	31-Aug-2021	31-Mar-2022	30-Jun-2023

Performance-Based Conditions

Data on Financial Performance

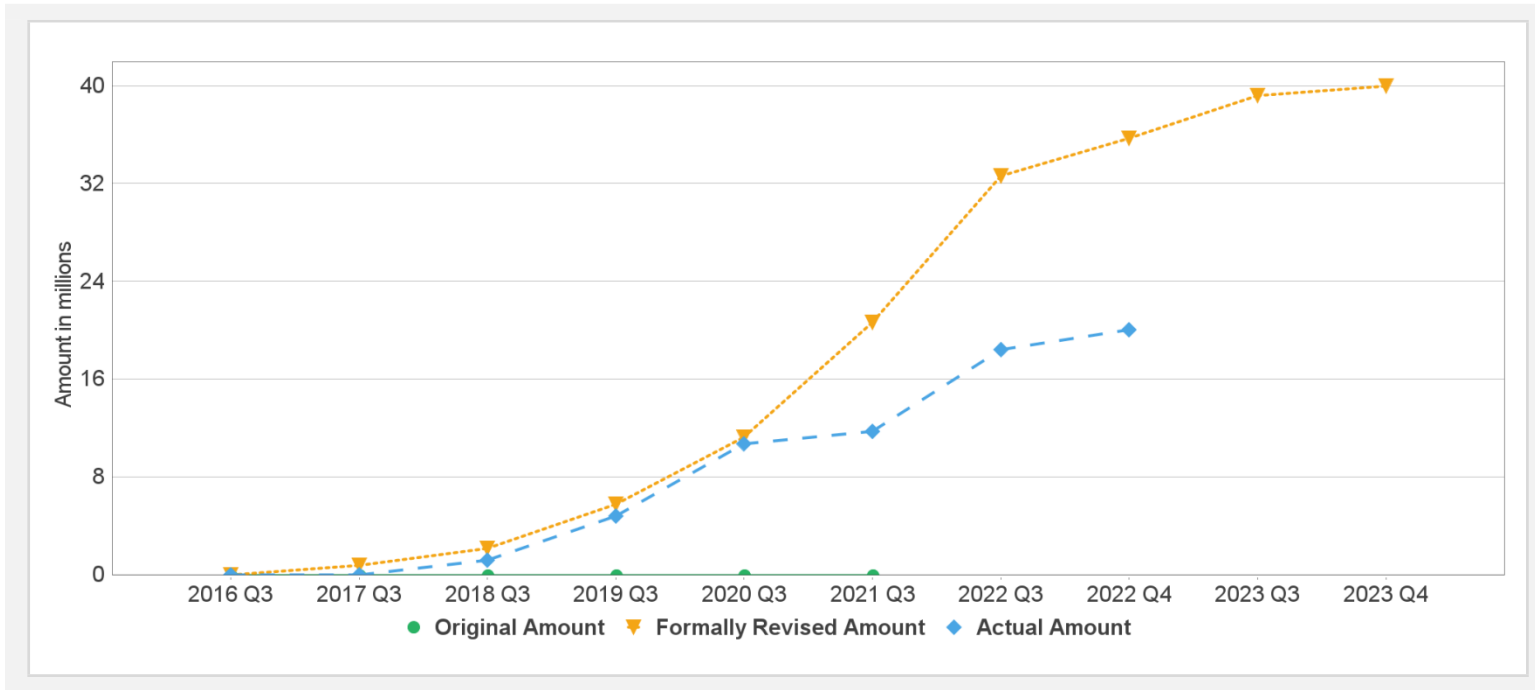
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P155947	IDA-57740	Effective	USD	10.00	10.00	0.00	9.23	0.88	91%
P155947	IDA-63840	Effective	USD	24.74	24.74	0.00	9.31	15.43	38%
P155947	IDA-D4870	Effective	USD	5.26	5.26	0.00	1.50	3.73	29%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P155947	IDA-57740	Effective	24-Mar-2016	27-Apr-2016	12-Apr-2017	30-Jun-2021	30-Jun-2023
P155947	IDA-63840	Effective	14-Jun-2019	19-Jul-2019	10-Dec-2019	30-Jun-2023	30-Jun-2023
P155947	IDA-D4870	Effective	14-Jun-2019	19-Jul-2019	10-Dec-2019	30-Jun-2023	30-Jun-2023

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

P169031-Liberia Urban Water Supply Project Additional Financing ,P169048-Liberia Urban Water Project AF