



## Lusaka Sanitation Project (P149091)

AFRICA EAST | Zambia | Water Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 14 | ARCHIVED on 25-Oct-2021 | ISR48657 |

Implementing Agencies: Lusaka Water and Sewerage Company, REPUBLIC OF ZAMBIA

**Key Dates****Key Project Dates**

Bank Approval Date: 22-May-2015

Effectiveness Date: 17-Jun-2016

Planned Mid Term Review Date: 15-Oct-2018

Actual Mid-Term Review Date: 22-Oct-2018

Original Closing Date: 31-Dec-2020

Revised Closing Date: 31-Oct-2022

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to increase access to sanitation services in selected areas of Lusaka and strengthen LWSC's capacity to manage sanitation services.

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

No

**Components Table**

Name

Sewerage Improvements:(Cost \$44.11 M)

On-site Sanitation:(Cost \$11.76 M)

Institutional Strengthening:(Cost \$7.55 M)

Unallocated

Project Preparation Advance:(Cost \$1.74 M)

Cash compensation:(Cost \$0.24 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Moderately Unsatisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Unsatisfactory
Overall Risk Rating	<input type="checkbox"/> Low	<input type="checkbox"/> Low

**Implementation Status and Key Decisions**

Overall project implementation has continued to progress. For sewage, all of the Year 1 investments have been completed and handed over to Lusaka Water and Sewerage Company for operation. On the network expansion along Kafue Road, 5.97 km of gravity sewers, 4.9 km of force main, 3 pump stations and 99 house connection chambers were completed. On the network expansion and upgrade in Emmasdale and Chaisa, a total of 26.03 km of gravity sewers and 725 house connection chambers were completed. Sewerage works in Industries and Kanyama is advancing. A total of 225 household connections have been achieved to date. The construction of On-Site Sanitation (OSS) facilities is progressing extremely well, with a total of 3062 OSS facilities have been completed and handed over to the households. COVID-19 related limitations have continued to



cause some delays but active measures have been instituted with relative progress registered over the last few months. Activities under the institutional strengthening component are on track.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Increase access to sanitation services in selected areas of Lusaka				
▶ People provided with access to "improved sanitation facilities" under the proj. (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	33,318.00	56,466.00	90,000.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
☐ People provided with access to "improved sanitation facilities" - urban (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	33,318.00	56,466.00	90,000.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022



► People with access to improved fecal sludge management services (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	94,320.00	170,874.00	230,000.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
Comments:	These results numbers reflect cumulative progress through August 2021.			
► Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	127,638.00	227,340.00	320,000.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Dec-2020
☐ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	63,819.00	113,670.00	50.00

Strengthen the Lusaka Water and Sewerage Company (LWSC)'s capacity to manage sanitation services				
► Percentage of sewer blockage complaints addressed within 48 hours (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	28.00	98.00	96.00	100.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
Comments:	The calculation of this indicator has been corrected, thus reflecting the significant increase from the baseline in this AM. This is a non-cumulative indicator.			

### Intermediate Results Indicators by Components

Sewerage Improvements				
► New household sewer connections constructed under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	139.00	225.00	3,000.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022



► Length of sewer rehabilitated and newly constructed (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	55.00	60.40	108.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022

On-site Sanitation				
► Improved onsite sanitation facilities constructed under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,683.00	3,062.00	3,500.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
► 1 Fecal sludge management facilities constructed and used (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not constructed/used	Not constructed	Not constructed	Used
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
► Volume of BoD5 removed by fecal sludge treatment plants supported by the project (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	105.00
Date	20-May-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022

Institutional Strengthening				
► O&M Manual for FSM developed and in use (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
► Revenue collection efficiency (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	79.00	61.00	82.00	85.00



Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Dec-2020
<b>► Number of sewer blockages per 100 km of network (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	57.00	54.00	74.00	52.00
Date	01-Jul-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
Comments:	The sharp rise in this reporting period is due to a big number of blockage complaints reported, coming from Kaunda square where construction of main works in the sewer network under AfDB financing are going on.			
<b>► Integrated MIS established and used (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	20-May-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
<b>► FSM unit established (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	20-May-2015	31-Jan-2021	11-Oct-2021	31-Oct-2022
<b>► Annual average score on the FSM performance scorecard (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	128.00	88.00	70.00
Date	20-May-2015	30-Oct-2020	11-Oct-2021	31-Oct-2022

## Performance-Based Conditions

### Data on Financial Performance

#### Disbursements (by loan)

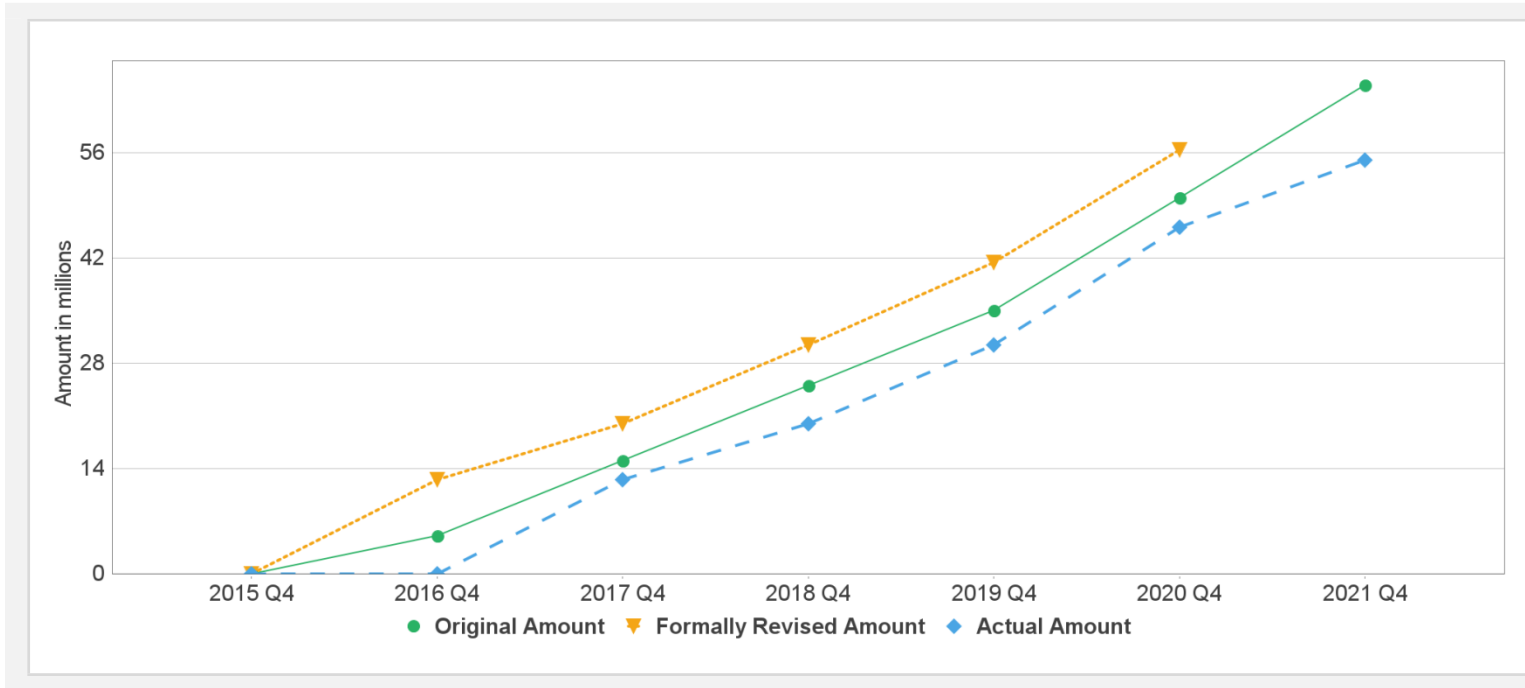
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P149091	IDA-56460	Effective	USD	65.00	65.00	0.00	55.02	10.97	83%



**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P149091	IDA-56460	Effective	22-May-2015	17-Mar-2016	17-Jun-2016	31-Dec-2020	31-Oct-2022

**Cumulative Disbursements**



**PBC Disbursement**

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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**Restructuring History**

Level 2 Approved on 31-Mar-2020 ,Level Approved on 19-Aug-2020

**Related Project(s)**

There are no related projects.