



## Guilin Integrated Environment Management (P133017)

EAST ASIA AND PACIFIC | China | Water Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 13 | ARCHIVED on 27-May-2021 | ISR46800 |

Implementing Agencies: People's Republic of China, Guilin PMO

### Key Dates

#### Key Project Dates

Bank Approval Date: 02-Feb-2015

Effectiveness Date: 29-Jun-2015

Planned Mid Term Review Date: 03-Dec-2018

Actual Mid-Term Review Date: 03-Dec-2018

Original Closing Date: 31-Dec-2020

Revised Closing Date: 31-Dec-2021

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed project objective is to improve the water and sanitation services in Guilin

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

No

### Components Table

Name

Water Supply:(Cost \$44.43 M)  
Wastewater Management:(Cost \$59.13 M)  
Sludge Management:(Cost \$3.94 M)  
Water Quality Monitoring and Pollution Management:(Cost \$0.98 M)  
Project Management and Supervision:(Cost \$1.00 M)

### Overall Ratings

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

### Implementation Status and Key Decisions

A project restructuring was approved in December 2020 to (a) extend the closing date by 12 months to December 31, 2021; (b) cancel a US\$15 million of the IBRD loan; (c) reallocate loan proceeds between disbursement categories; and (d) modify Results Framework. By the end of April 2020, the World Bank loan disbursement stands at US\$ 73.8 million (or 87% of total US\$85 million).

Under Component 1 Water Supply, construction of the water distribution network and pumping stations in Guilin city as well as AFD-funded Chengbei Water Treatment Plant Phase II are completed. Under Component 2 & 3: Wastewater Management and Sludge Management, upgrading



of 4 Wastewater Treatment Plants all also completed. Installation of sludge treatment facilities located in Shangyao and Yanshan WWTPs are completed, facility located in Beichong was delayed due to Covid-19 and will be completed in the second half of 2021.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

to improve water supply service				
▶ 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	225,026.00	255,009.00	248,000.00
Date	30-May-2014	30-Jun-2020	30-Apr-2021	31-Dec-2021
Comments:	This indicator measures the actual number of people in urban areas who benefited from improved water supply services that have been constructed under the project. Guidance on "improved water sources": Improved water sources include piped household connections (house or yard connections), public standpipe, boreholes, protected dug well, protected spring and rainwater collection. Hence, "Improved Water Sources" do not include, inter alia, water provided through tanker truck, or vendor, unprotected well, unprotected spring, surface water (river, pond, dam, lake, stream, irrigation channel), or bottled water. The definition of what is considered an 'improved water source' follows the UNICEF-WHO Joint Monitoring Program definition. Note that "Improved Water Sources" does not refer to the question of new versus rehabilitated water sources, but is the standard definition used to track progress on the Millennium			



Development Goals. Guidance on people with access: The data on the number of people provided with access can be estimated by TTLs by multiplying i) the actual number of piped connections with an estimate of the number of people per household connection; and/or ii) the actual number of community water points with an estimate of the number of people per community water point. The assumptions made regarding number of people per connection made should be carefully documented in the 'comments' section of the indicator when data is entered in the ISR. Guidance on urban classification: The classification should follow the official definition used in the country.

to improve sanitation service

► Volume(mass) of BOD pollution load removed by treatment plant under the project (Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	183.05	4,246.00	8,602.90
Date	30-May-2014	30-Jun-2020	30-Apr-2021	31-Dec-2021
Comments:	<p>This indicator measures the cumulative volume (mass) of Biological Oxygen Demand (BOD) pollution loads removed by the treatment plant supported under the project. Project support can include construction, expansion or rehabilitation of the treatment plant.</p> <p>The baseline value will be zero in where wastewater treatment has not yet been available. In the case where wastewater treatment has been available but is to be improved under the project, either with higher levels of treatment or rehabilitation of the existing treatment capacity, the baseline value will not be zero.</p>			

► Number of beneficiaries of the improved wastewater collection and treatment services under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	780,000.00	870,000.00	870,000.00
Date	30-May-2014	30-Jun-2020	30-Apr-2021	31-Dec-2021

### Intermediate Results Indicators by Components

Water Supply

► Number of newly added connections (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	72,589.00	82,261.00	80,000.00
Date	30-May-2014	30-Jun-2020	30-Apr-2021	31-Dec-2021

► Length of distribution pipe constructed (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	35.26	35.26	35.26
Date	30-May-2014	30-Nov-2020	30-Apr-2021	31-Dec-2021



► Increase in capacity of Chengbei WTP per day (Cubic Meter(m3), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	200,000.00	200,000.00	200,000.00
Date	14-May-2014	30-Nov-2020	30-Apr-2021	31-Dec-2021
► Build & operation of a cloud-based drinking water operation platform for smarter water service management in Guilin (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	14-May-2014	30-Nov-2020	30-Apr-2021	31-Dec-2021

Wastewater Management				
► Length of sewer network rehabilitated/constructed (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	25.50	40.00	40.00
Date	30-May-2014	30-Jun-2020	30-Apr-2021	31-Dec-2021
► No. of WWTPs upgraded to meet the improved effluent discharge standard (Class IA of GB18918-2002) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	4.00	4.00
Date	14-May-2014	30-Nov-2020	30-Apr-2021	31-Dec-2021

Sludge Management				
► Amount of sludge treated and disposed safely per day (water content 72%) (Metric ton, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	71.00	76.00	107.00
Date	30-May-2014	30-Jun-2020	30-Apr-2021	31-Dec-2021
Comments:	The current Unit of Measure in the PAD and ISR is a typo, it should be "Tones/day". Team will correct it during restructuring.			
► No. of sludge treatment facilities upgraded in WWTPs (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	2.00	3.00
Date	30-May-2014	30-Jun-2020	30-Apr-2021	31-Dec-2021

#### Project Management and Supervision

##### ► Client days of local training and local study tours (based on study/training/trip reports) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	809.00	954.00	1,000.00
Date	30-May-2014	30-Jun-2020	30-Apr-2021	31-Dec-2021

##### ► Percentage of grievances redressed satisfactorily (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	100.00	100.00	100.00
Date	14-May-2014	30-Nov-2020	30-Apr-2021	31-Dec-2021

### Performance-Based Conditions

#### Data on Financial Performance

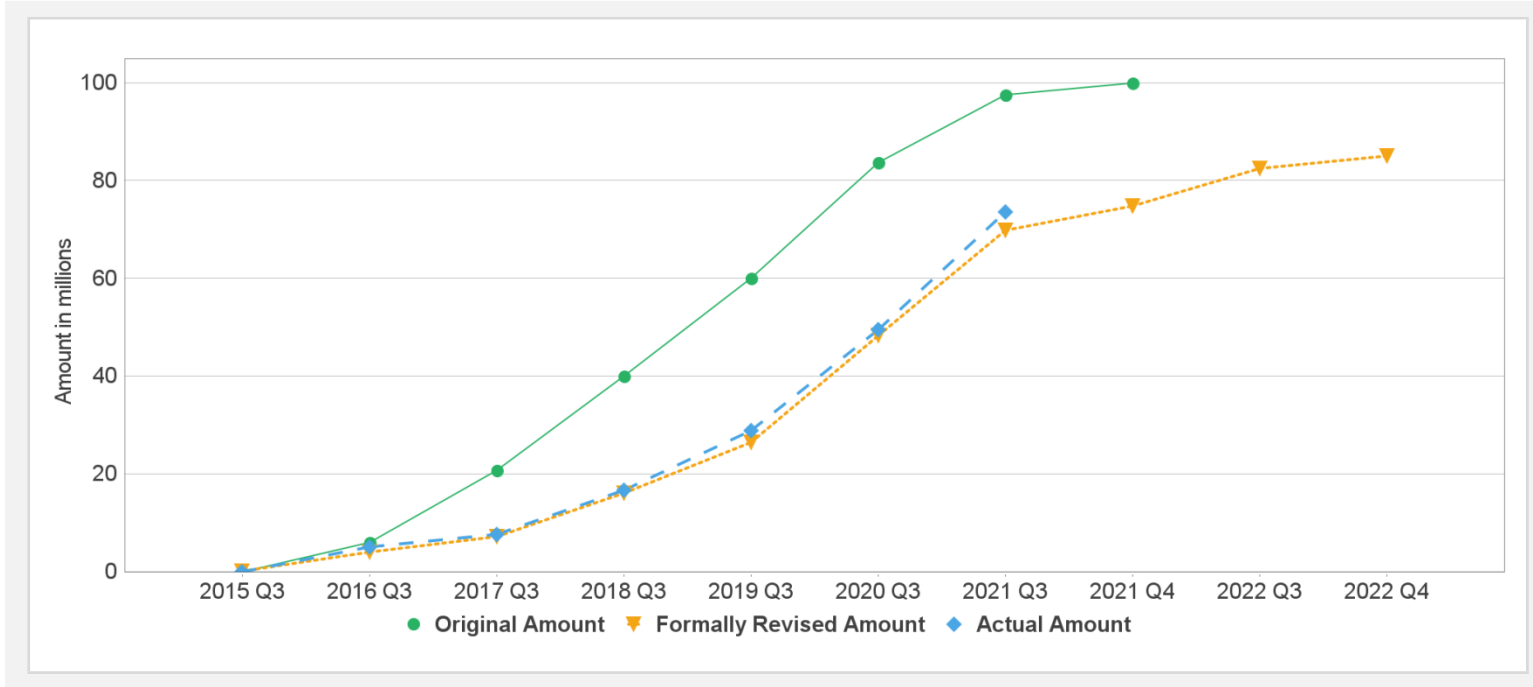
##### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133017	IBRD-84580	Effective	USD	100.00	85.00	15.00	73.79	11.21	87%

##### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133017	IBRD-84580	Effective	02-Feb-2015	01-Apr-2015	29-Jun-2015	31-Dec-2020	31-Dec-2021

### Cumulative Disbursements



**PBC Disbursement**

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

**Restructuring History**

Level 2 Approved on 20-Dec-2020

**Related Project(s)**

There are no related projects.