



China-Qinghai Xining Water Environment Management Project (P133116)

EAST ASIA AND PACIFIC | China | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 14 | ARCHIVED on 28-Jun-2021 | ISR46974 |

Implementing Agencies: PEOPLE'S REPUBLIC OF CHINA, Xining Municipal Government

Key Dates

Key Project Dates

Bank Approval Date: 25-Sep-2014

Effectiveness Date: 16-Feb-2015

Planned Mid Term Review Date: 01-Jun-2017

Actual Mid-Term Review Date: 28-Jul-2017

Original Closing Date: 31-Dec-2019

Revised Closing Date: 30-Jun-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to reduce water pollution and pilot potential sustainable reuse of wastewater in Xining Municipality.

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

No

Components Table

Name

Construction of Stormwater and Wastewater Collection Systems:(Cost \$139.80 M)
Comprehensive Stormwater Management and River-Bank Environmental Restoration:(Cost \$35.90 M)
Integrated Gully and Canal Improvement:(Cost \$28.70 M)
Wastewater Reuse:(Cost \$1.80 M)
Project Management and Capacity Building:(Cost \$31.30 M)

Overall Ratings

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

Implementation Status and Key Decisions

Based on the M&E performance indicators updated May 31, 2020, the PDO outcome indicators show that: (a) the direct project beneficiaries reached 0.365 million which already exceeded the target of 0.319 million (114%); (b) the removed BOD pollution load reached 1,202 tons/year exceeding the target of 727 tons/year (165%); (c) the removed COD pollution load reached 2,862 tons/year exceeding the target of 1,767 tons/year (162%); (d) the reduced TSS load to rivers reached 1,096 tons/year exceeding the target of 985 tons/year (111%); and (e) the reused treated wastewater reached 1,289 tons/year exceeding the target of 868 tons/year (148%). The above shows that all PDO indicators have been exceeded. The latest progress for implementing each of the five project components is as follows:

- A. Construction of Wastewater Collection System: All project engineering works have been fully completed except for very small amount of tail-in works (e.g. cleaning up a few construction sites and growing missing grass to cover remaining soil-land, etc..). The construction of



the Jin-Yi-Lu Bridge and Bin-He-Xi-Lu Bridge, which was completed 70% and 80% by the last supervision mission in December 2020, respectively, have now been fully completed.

- B. Comprehensive Storm-water Management and River-Bank Environmental Restoration: The completed investment reached 100% (including quality-guarantee funds). The construction of works has been fully completed with good quality and outcomes.
- C. Integrated Gully and Canal Improvement: The construction of works has been fully completed with good quality and outcomes.
- D. Promotion of Treated Wastewater Reuse: The project activities under this component have been fully completed with good quality and outcomes: (1) The treated wastewater has been transported with pipelines across the river to the reuse sites through the completed Jin-Yi-Lu Bridge. Because of this good progress, the PDO target or amount of wastewater reuse has been fully met; and (2) All three studies, namely the study on wastewater reuse, the study on the impact of the reused water quality on the irrigation and landscape areas; and the study on drainage of water-logging areas in Xining City, have been completed and passed the government-organized review and acceptance. The study reports were finalized based on the comments received.
- E. Project Management and Institutional Capacity Building: All project activities have been completed and reached the original objectives planned for this component.

The ICR mission is tentatively planned in August/September 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"/> Low	<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"/> Low	<input type="checkbox"/> Low
Other	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Overall	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low

Results

PDO Indicators by Objectives / Outcomes

PDO Indicators				
	Baseline	Actual (Previous)	Actual (Current)	End Target
► 1. Direct project beneficiaries (Number, Custom)				



Value	0.00	337,000.00	365,000.00	319,000.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019
► 2. 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	1,202.00	1,202.00	727.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019
► 3. Volume(mass) of COD pollution load removed by treatment plant under the project (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,862.00	2,862.00	1,767.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019
► 4. Reduction of TSS flowing into river system per year (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,096.00	1,096.00	985.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019
► 5. Volume of treated wastewater reused (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	873.00	1,289.00	868.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019
Comments:				

Intermediate Results Indicators by Components

Construction of Stormwater and Wastewater Collection Systems				
► 6. Rainwater and wastewater collected by the completed collection system per day (annual mean) (Cubic Meter(m3), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	29,960,000.00	29,960,000.00	29,730,000.00



Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019
► 7. Reduction of NH3-N load flowing into the river systems (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	251.00	251.00	151.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019

Comprehensive Stormwater Management and River-Bank Environmental Restoration				
► 8. Decrease of soil erosion flowing into river system per year (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,072.00	3,072.00	2,880.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019
► 9. Decrease of storm run-off per year (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	531,000.00	531,000.00	390,000.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019

Integrated Gully and Canal Improvement				
► 10. Percentage of gully and canal improvement (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019
► 11. Percentage of environmental and sanitation facilities installation along gully and canal (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019

Wastewater Reuse				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019



▶ 12. Percentage of TA progress (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	81.00	100.00	100.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019

Project Management and Capacity Building				
▶ 13. Number of PMO staff trained (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	372.00	494.00	158.00
Date	31-Dec-2014	17-Dec-2020	20-Jun-2021	31-Dec-2019

Performance-Based Conditions

Data on Financial Performance

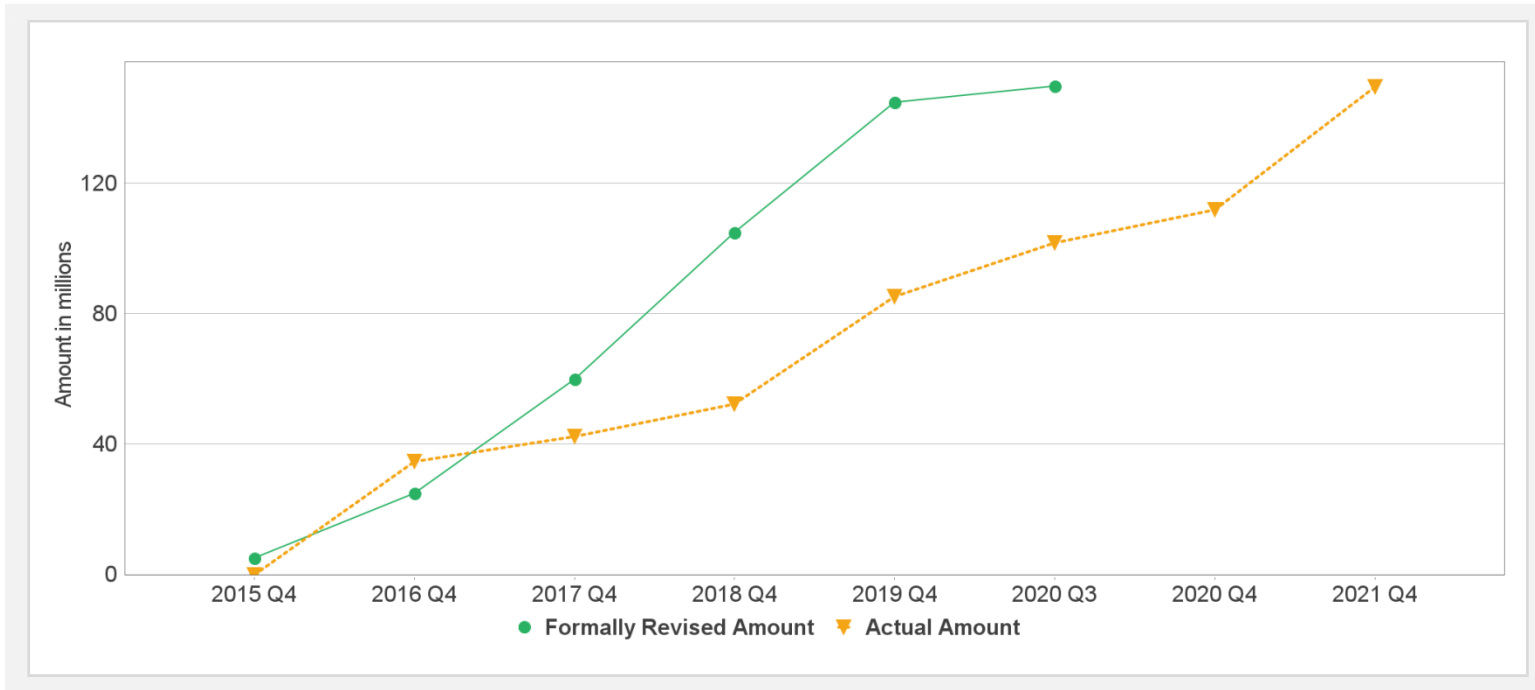
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133116	IBRD-84230	Effective	USD	150.00	150.00	0.00	150.00	0.00	100%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133116	IBRD-84230	Effective	25-Sep-2014	28-Nov-2014	16-Feb-2015	31-Dec-2019	30-Jun-2021

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-Dec-2019

Related Project(s)

There are no related projects.