



## Zhuzhou Brownfield Remediation Project (P147381)

EAST ASIA AND PACIFIC | China | Environment & Natural Resources Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 4 | ARCHIVED on 24-Dec-2017 | ISR30493 |

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

## Key Dates

## Key Project Dates

Bank Approval Date:31-Mar-2016

Effectiveness Date:13-Sep-2016

Planned Mid Term Review Date:16-Sep-2019

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2021

Revised Closing Date:31-Dec-2021

## Project Development Objectives

Project Development Objective (from Project Appraisal Document)

<p>The project development objective is to reduce public exposure to contaminated land in the Project Area using risk-based remediation approaches.</p>

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

No

## Components

Name

Component 1: Remediation of contaminated plots:(Cost \$137.43 M)

Component 2: Associated treatment and disposal works:(Cost \$46.80 M)

Component 3: Capacity building and knowledge management:(Cost \$8.23 M)

Component 4: Project Management, monitoring and evaluation:(Cost \$20.98 M)

Contingencies:(Cost \$21.19 M)

Interest during construction, front-end fees and commitment fees:(Cost \$10.18 M)

## Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory



Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial

## Implementation Status and Key Decisions

Overall project implementation is delayed, but since the project is still at an early stage and the causes for the slow start are being resolved, the project is still expected to achieve its objectives with only minor shortcomings. Two of the major initial civil works and the key consulting contract Project Management Consultant have been contracted. The first tranche of disbursement has been made.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### Project Development Objective Indicators

► People in the Project Area with reduced potential risk of exposure to contaminated land. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6,237.00
Date	31-Aug-2015	15-Jun-2017	15-Dec-2017	31-Dec-2021


**► Contaminated land managed or dump sites closed under the project (Hectare(Ha), Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	284.00
Date	31-Aug-2015	--	15-Dec-2017	31-Dec-2021

**► Direct project beneficiaries (Number, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	262,000.00
Date	31-Aug-2015	15-Jun-2017	15-Dec-2017	31-Dec-2021

**▲ Female beneficiaries (Percentage, Custom Supplement)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00

**► Share of people living in the Zhuzhou's Quingshitang core industrial area indicating that sufficient information is available regarding the area's remediation process and grievance redress mechanism (Percentage, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	31-Aug-2015	15-Jun-2017	15-Dec-2017	31-Dec-2021

**► Verified remediation works implemented per risk-based design (Hectare(Ha), Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	273.00



Date	31-Aug-2015	15-Jun-2017	15-Dec-2017	31-Dec-2021
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## Overall Comments

## Intermediate Results Indicators

- Project sites in the Zhuzhou's Qingshitang core industrial area remediated and meet contamination levels based on their intended future land use (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	31-Aug-2015	15-Jun-2017	15-Dec-2017	31-Dec-2021

- People trained in contaminated site remediation (Number (Thousand), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200.00
Date	31-Aug-2015	15-Jun-2017	15-Dec-2017	31-Dec-2021

- Environmental monitoring reports publicly disclosed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	31-Aug-2015	15-Jun-2017	15-Dec-2017	31-Dec-2021



► Industrial or municipal solid waste reduced or recycled under the project (Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,100,000.00
Date	31-Aug-2015	15-Jun-2017	15-Dec-2017	31-Dec-2021

► Project activities related to relocation of manufacturing sites and compensation of workers fully comply with national standards (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	31-Aug-2015	--	15-Dec-2017	31-Dec-2021

► Updated spatial zoning plan for Qinghuitang Core Area tailored to remediation concepts and brownfield redevelopment requirements (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Spatial zoning plan does not take into account site investigation and risk assessment results	--	Spatial zoning plan does not take into account site investigation and risk assessment results	Spatial zoning plan updated taking in consideration risk assessment and cost effectiveness
Date	31-Aug-2015	--	15-Dec-2017	31-Dec-2021

Overall Comments

## Data on Financial Performance

### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
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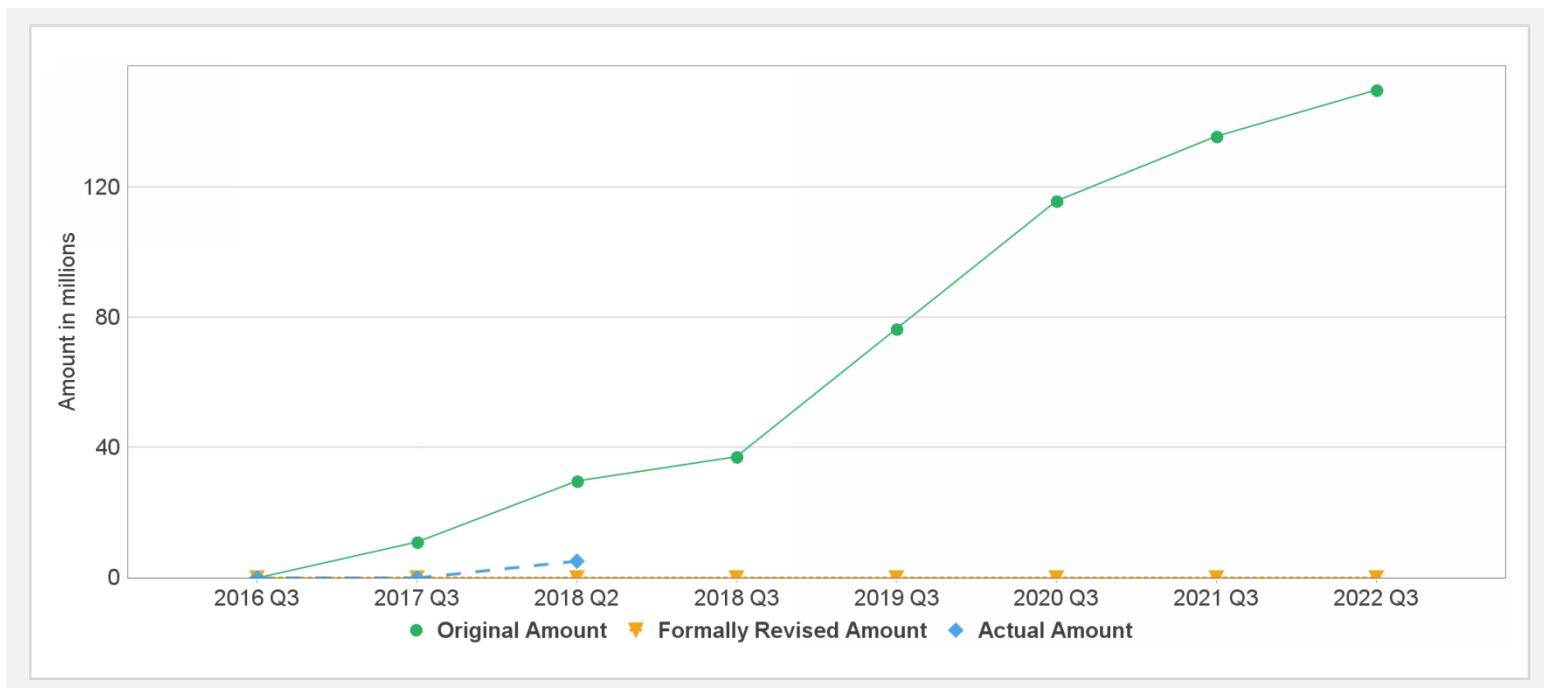


P147381	IBRD-85870	Effective	USD	150.00	150.00	0.00	5.38	144.63	<div style="width: 4%; height: 10px; background-color: green;"></div>	4%
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**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P147381	IBRD-85870	Effective	31-Mar-2016	01-Jun-2016	13-Sep-2016	31-Dec-2021	31-Dec-2021

**Cumulative Disbursements**



**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.