



Zhejiang Rural Water Supply and Sanitation Project (P133018)

EAST ASIA AND PACIFIC | China | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 3 | ARCHIVED on 26-Nov-2015 | ISR21337 |

Implementing Agencies: Zhejiang Provincial Economic Information Center

Key Dates

Key Project Dates

Bank Approval Date:25-Sep-2014

Effectiveness Date:02-Feb-2015

Planned Mid Term Review Date:30-Jun-2017

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2020

Revised Closing Date:31-Dec-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed Project Development Objective (PDO) is to improve access to sustainable water supply and sanitation services in selected villages and towns in rural areas of Zhejiang Province.

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

No

Components

Name

Improving Water Supply and Sanitation:(Cost \$355.88 M)

Training and Capacity Building:(Cost \$2.50 M)

Project Management and Supervision:(Cost \$3.50 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory
Overall Risk Rating	● Substantial	● Moderate



Implementation Status and Key Decisions

Although the project just became effective on February 2, 2015, consolidated progress has been achieved towards achievement of the POD. To date, the works contracts of the project have been signed in a total value of RMB 119 million (US\$ 19 million) to improve water supply and sanitation in villages and rural towns, while additional goods and works contracts in a total value estimated at some RMB 320 million (US\$ 51 million) are under procurement. Out of 259 natural villages appraised under the framework approach, 127 villages have moved into the implementation stage, constructions are underway for sewer mains, household connections and treatment stations. The largest subproject, Fuyang WWTP phase IV (80,000m³/d new installation plus 60,000m³/d upgrading to Class 1A discharge standard), has entered bid evaluation stage and contracts are expected to be signed in November 2015. Meixi WWTP Phase II (10,000m³/d) in Anji County and Nandayang Water Treatment Plant Phase II (25,000m³/d) in Longquan City have also entered into the bid evaluation stage. The current operator of Meixi WWTP will look after the O&M of phase 2 plant under a public-private partnership (PPP) agreement. Fuyang Water Company has obtained environment acceptance certification in end October 2015 for Fuyang WWTP phase III. Fuyang District and Anji County have started preparing the next batch of the subproject in accordance with framework approach.

Apart from these consolidated implementation progress, the project has also made significant impacts to the establishment of local rural sewerage discharge code in Zhejiang. There was no national or provincial discharge code for rural sewerage discharge at the time of project preparation, the project recommended a rural domestic sewerage discharge limit based on the international best practice as well as experience and lessons learned from a variety of rural sanitation projects in China, including on-going Ningbo New Countryside Development Project. Through preparation and implementation of our project, as well as comparing it with a big scale province-wide rural sanitation improvement campaign, Zhejiang Province has realized that a realistic and achievable discharge code is critical to the sustainability of the investment, and has transformed our project discharge limit into a provincial discharge code (DB33/973-2015) regulating rural sewerage treatment in the province, effective since July 1, 2015. This is a significant achievement of the project and also an important milestone for the provision of sustainable rural sanitation service in Zhejiang and China.

The institutional design of the project, which is to assign professional water companies to look after O&M of rural sewerage treatment facilities, has also been recognized and replicated in Zhejiang. It has long been a tradition in the province that the village sewerage treatment should be implemented by the agricultural affairs office at different levels with very less attentions paid to the O&M. Again, like what has happened with the discharge code, the authorities have recognized our project institutional design and started replicating it. Tiantai County has requested the PIU to take over O&M of many other villages financed by the campaign, whose O&M were not carefully considered at the time of the construction. Zhejiang Province has recently issued an official document requesting all the village sewerage treatment facilities should be operated by the professional water companies.

The project is also piloting public engagement for rural sanitation improvement in Zhejiang. Since last mission of May 2015, Anji County and Fuyang District have started following team's suggestion to request contract supervision engineer (called Jianli in China) to enroll the villager representative formally into the day-to-day site supervision to make sure that technical specifications are fully complied with. This innovative approach, which hasn't been seen with the other projects by far, is considered better than the one that has been long time widely used by the campaign and other similar projects, which is to request the villager representative to directly engage into the construction supervision.

For the TAs, taking into account counties opinion of receiving more prompt and tailored technical assistance service on site, the team agreed with Zhejiang PMO's proposal of recruiting project management consultant firm for each county with specific terms of reference (TORs). The PMC will be working on site with the client. TORs have been prepared and agreed with the counties. The PMC will be procured through CQS and expected to be on board in Jan 2016. The contract would be renewed every year based on the performance. Zhejiang PMO will also recruit a small consultancy team in early 2016. It is believed that this decentralized project management TA will serve the project better.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Moderate	● Moderate



Macroeconomic	--	● Moderate	● Moderate
Sector Strategies and Policies	--	● Moderate	● Low
Technical Design of Project or Program	--	● Moderate	● Low
Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Moderate
Fiduciary	--	● Substantial	● Moderate
Environment and Social	--	● Moderate	● Low
Stakeholders	--	● Moderate	● Moderate
Other	--	--	--
Overall	--	● Substantial	● Moderate

Results

Project Development Objective Indicators

► Number of people in rural areas provided with access to Improved Water Sources under the project (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	220000.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▲ Female population (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	110000.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

► People provided with access to "improved sanitation facilities" under the proj. (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	290000.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017



▲ People provided with access to "improved sanitation facilities" - rural (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	290000.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▲ Female population (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	145000.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

Overall Comments

Intermediate Results Indicators

▶ Piped household water connections that are benefiting from rehabilitation works undertaken by the project (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	55000.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▶ New household sewer connections constructed under the project (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	31000.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017



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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	26.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▲ Fuyang WWTP (Phase 4) (Tones/year, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	0.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▲ Anren WWTP (Tones/year, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	16.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▲ Badu WWTP (Tones/year, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017



▾ Xiaomei WWTP (Tones/year, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▸ Ratio of production cost of water supply per cubic meter over the tariff charge per cubic meter (Anji Guoyuan Water Company) (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	NA	Data unavailable.	Data unavailable.	less than 1
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▸ Ratio of production cost of water supply per cubic meter over the tariff charge per cubic meter (Fuyang Water Company) (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Less than 1	Data unavailable.	Data unavailable.	Less than 1
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

▸ Ratio of production cost of water supply per cubic meter over the tariff charge per cubic meter (Tiantai Water Company) (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	less than 1	Data unavailable.	Data unavailable.	less than 1
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017



► Ratio of production cost of water supply per cubic meter over the tariff charge per cubic meter (Longquan Water Company) (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	less than 1	Data unavailable.	Data unavailable.	less than 1
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Aug-2017

► Ratio of production cost of water supply per cubic meter over the tariff charge per cubic meter (Longquan Rural Water Supply Station) (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	less than 1	0	0	less than 1
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

► Number of staff training days in project financed training and TA activities (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	570.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017

► Number of O&M management plans prepared and implemented (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Dec-2017



- Development and implementation of a simplified management information system in the ZPMO for daily project management (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	None	0	0	Completed
Date	22-Aug-2014	29-May-2015	29-May-2015	31-Aug-2017

Overall Comments

Data on Financial Performance

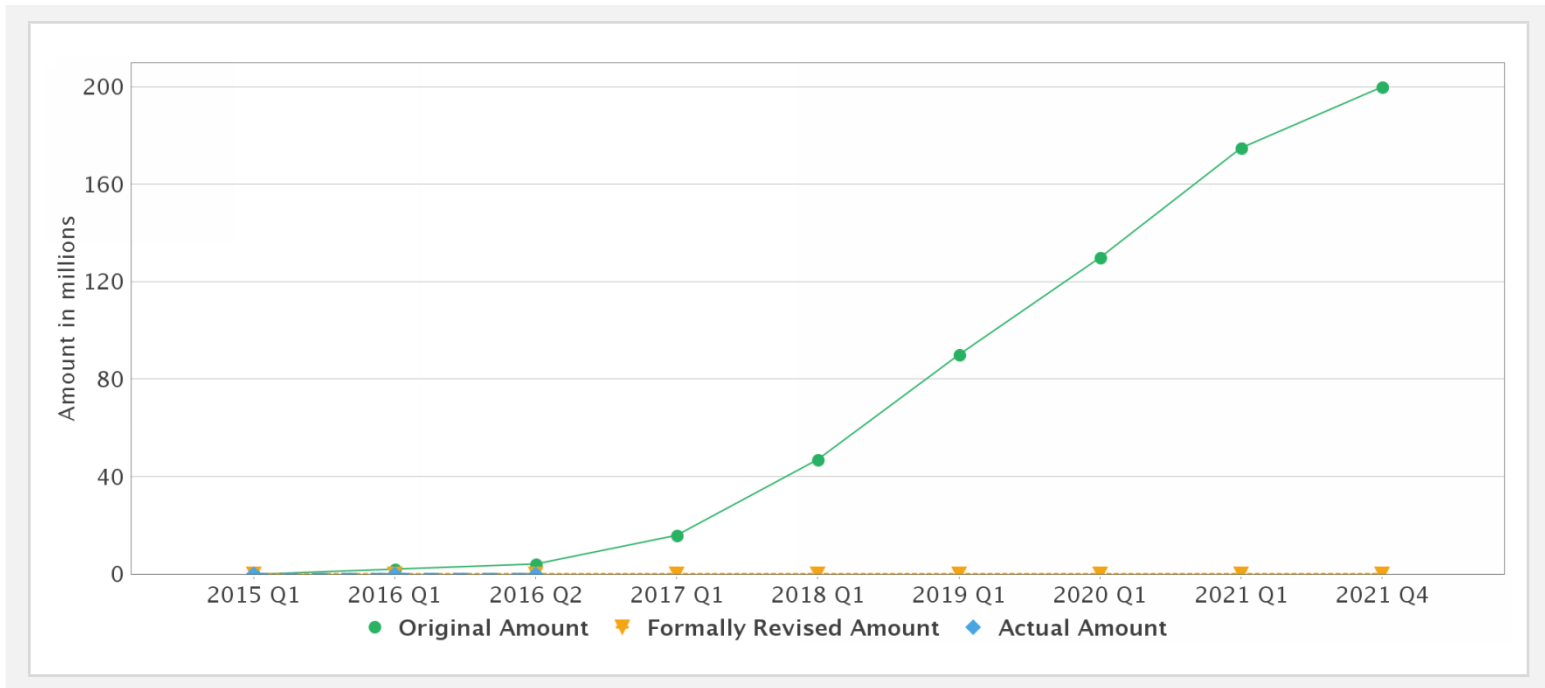
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P133018	IBRD-84240	Effective	USD	200.00	200.00	0.00	0.50	199.50	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133018	IBRD-84240	Effective	25-Sep-2014	25-Nov-2014	02-Feb-2015	31-Dec-2020	31-Dec-2020

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.