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Implementation Status & Results
China
Zhejiang Qiantang River Basin Small Town Environment Project (P116656)

Operation Name: Zhejiang Qiantang River Basin Small Town Environment Project (P116656) | Project Stage: Implementation | Seq.No: 3 | Status: ARCHIVED | Archive Date: 11-Mar-2013

Country: China | Approval FY: 2011

Product Line: IBRD/IDA | Region: EAST ASIA AND PACIFIC | Lending Instrument: Specific Investment Loan

Implementing Agency(ies):

Key Dates

Board Approval Date	20-Jan-2011	Original Closing Date	31-Dec-2016	Planned Mid Term Review Date		Last Archived ISR Date	06-Oct-2012
Effectiveness Date	06-May-2011	Revised Closing Date	31-Dec-2016	Actual Mid Term Review Date			

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To improve access to sustainable urban environmental infrastructure in selected cities, districts and towns in the Qiantang River Basin

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

○ Yes ◉ No

Component(s)

Component Name	Component Cost
Water Supply and Distribution	35.64
Wastewater Collection and Treatment	158.03
Solid Waste Management	20.32
Institutional Strengthening and Training	2.00

Overall Ratings

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

Implementation Status Overview

Overall, project implementation progress is satisfactory. With the successful trail operation of two water treatment plants constructed in Zhuji City and Wucheng District, safe drinking water is now being provided to about 178,000 people, surpassing the 2012 target of 172,000 people. To expand wastewater collection and treatment capacity , the wastewater treatment plants in Youbu Town, Qujiang District and Jianshan Town are about 90% complete, and the associated wastewater collection networks are under construction. To

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increase the number of people served with sanitary solid waste collection and disposal, implementation of sanitary landfill in Meicheng Town is progressing well with completion scheduled for March 2013. Sustainability of the project assets is being promoted through technical assistance to (a) support the provincial and local project management offices and project implementing agencies, and (b) to prepare operation and maintenance (O&M)action plans and financial projections for the participating cities and districts.

Locations

Country	First Administrative Division	Location	Planned	Actual
China	Zhejiang Sheng	Zhuji		
China	Zhejiang Sheng	Youbu		
China	Zhejiang Sheng	Yangxi		
China	Zhejiang Sheng	Yangcunqiao		
China	Zhejiang Sheng	Tangxi		
China	Zhejiang Sheng	Sandu		
China	Zhejiang Sheng	Pan'an Xian		
China	Zhejiang Sheng	Paitou		
China	Zhejiang Sheng	Meicheng		
China	Zhejiang Sheng	Longyou Xian		
China	Zhejiang Sheng	Jianshan		
China	Zhejiang Sheng	Jiande Shi		
China	Zhejiang Sheng	Dayang		
China	Zhejiang Sheng	Caota		
China	Zhejiang Sheng	Baisha		
China	Zhejiang Sheng	Anhua		
China	Zhejiang Sheng	Jiangtang		
China	Zhejiang Sheng	Xiaya		
China	Zhejiang Sheng	Shenfan		
China	Zhejiang Sheng	Chengbei		
China	Zhejiang Sheng	Shenze		

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Country	First Administrative Division	Location	Planned	Actual
China	Zhejiang Sheng	Wangjiajing		
China	Zhejiang Sheng	Datang'an		
China	Zhejiang Sheng	Wucheng Qu		
China	Zhejiang Sheng	Jiangnan		
China	Zhejiang Sheng	Qujiang		

Results

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Number of people in urban areas provided with access to Improved Water Sources under the project	☒	Number	Value	60000.00	178000.00	360000.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments			
Direct project beneficiaries	☒	Number	Value			
			Date			
			Comments		Not available.	
Female beneficiaries	☒	Percentage Sub Type Supplemental	Value			
Nutrient load reduction (Nitrogen(N)) achieved under the project	☒	Tones/year	Value		0.00	239.00
			Date		29-Oct-2012	31-Dec-2016
			Comments		Treatment plants are under construction.	
Industrial and municipal waste disposal capacity created under the project	☒	Metric ton	Value	0.00		210000.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		Sanitary landfill is under construction.	
Voume(mass) of COD pollution load reduction achieved under the project	☒	Tones/year	Value		0.00	3745.00
			Date		29-Oct-2012	31-Dec-2016
			Comments		The treatment plants are under construction.	

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Number of water utilities that the project is supporting	☒	Number	Value	0.00	2.00	2.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments			
People served with potable water supply in project areas	☐	Number	Value	60000.00	178000.00	360000.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments	Core Indicator	The YR2 target of 172,000 was exceeded by 6,000.	
Wastewater: Amount of COD reduced (tons/ year)	☐	Number	Value	0.00	0.00	3745.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments	Core Indicator	The WWTPs are about 90% complete and results will likely begin in 2013 if the associated networks are also completed	
Wastewater: Amount TN reduced (tons/year)	☐	Number	Value	0.00	0.00	239.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments	Core Indicator	The WWTPs are about 90% complete and results will likely begin in 2013 if the associated networks are also completed	
Wastewater: Amount TP reduced (tons/year)	☐	Number	Value	0.00	0.00	45.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments	Core Indicator	The WWTPs are about 90% complete and results will likely begin in 2013 if the associated networks are also completed	
Solid Waste: # of people served with sanitary solid waste collection and disposal	☐	Number	Value	0.00	0.00	175000.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		The landfill is still under construction and is expected to be operational in March 2013	
Institutional: Number of agreed O&M plans operationalized (cumulative)	☐	Number	Value	0.00	0.00	6.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		The plans are under preparation by the project	

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					companies and project management consultant.	
Financial: Number of project areas with tariffs/ user fees introduced (cumulative)	☐	Number	Value	7.00	8.00	11.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		Longyou began to collect wastewater tariff in 2012.	

Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Water Supply: % of potable water connections to households: Zhuji City	☐	Percentage	Value	30.00	79.00	95.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		Construction of remaining pipelines is ongoing.	
Water Supply: % of potable water connections to households: Wucheng District	☐	Percentage	Value	0.00	100.00	95.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		EOP target also exceeded.	
Water Supply: % of full costs covered by water supply tariffs: Zhuji City	☐	Percentage	Value	80.00	80.00	100.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		No change til YR3 (2013)	
Water Supply: % of full costs covered by water supply tariffs: Wucheng District	☐	Percentage	Value	0.00	0.00	100.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		No change til YR3 (2013)	
Wastewater: % of wastewater collected and treated: Jiande City	☐	Percentage	Value	0.00	61.00	85.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		2012 Year end target is 55.	
Wastewater: % wastewater collected and treated: Qujiang District	☐	Percentage	Value	0.00	0.00	80.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		2012 Year end target is 60. WWTP is under construction.	
Wastewater: % of wastewater collected and treated: Lanxi City, Youbu Town	☐	Percentage	Value	0.00	0.00	70.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		2012 Year end target is 30. WWTP and collection pipelines are under construction.	

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Wastewater: % of wastewater collected and treated: Pan'an County Jianshan Town	☐	Percentage	Value	0.00	0.00	65.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		No change till YR3	
Wastewater: % wastewater collected and treated: Pan'an County Shenze District	☐	Percentage	Value	0.00	0.00	30.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		No change til YR3	
Wastewater: % wastewater collected and treated: Pan'an County Yunshan District	☐	Percentage	Value	0.00	0.00	75.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		2012 Year end target is 50. Collection pipelines are under construction.	
Wastewater: % wastewater collected and treated: Tonglu County Jiangnan Town	☐	Percentage	Value	0.00	0.00	75.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		2012 Year end target is 50. Construction of sewers delayed due to land acquisition.	
Wastewater: % wastewater collected and treated: Longyou County	☐	Percentage	Value	0.00	0.00	85.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		2012 Year end target is 60. Road and associated sewers is under construction.	
% of O&M treatment cost covered by wastewater tariffs: Jiande City	☐	Percentage	Value	0.00	90.00	100.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments			
% of O&M treatment cost covered by wastewater tariffs: Qujiang District	☐	Percentage	Value	0.00	0.00	90.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		Not available	
% of O&M treatment cost covered by wastewater tariffs: Lanxi County Youbu Town	☐	Percentage	Value	0.00	0.00	70.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		Not Available	
% of O&M treatment cost covered by wastewater tariffs: Pan'an County Jianshan Town	☐	Percentage	Value	0.00	0.00	70.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		Not Available	
Cumulative number of open solid waste dumps closed in Jiande City	☐	Number	Value	0.00	0.00	3.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016

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			Comments		Closure of sites is expected to be commenced in 2014.	
% of solid waste collected and disposed at a sanitary landfill in Jiande City	☐	Percentage	Value	0.00	0.00	90.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		Landfill construction is ongoing	
% of O&M cost covered by solid waste user fees in Jiande City	☐	Percentage	Value	0.00	0.00	20.00
			Date	31-Dec-2009	29-Oct-2012	31-Dec-2016
			Comments		No change til YR3	

Data on Financial Performance (as of 09-Jan-2013)

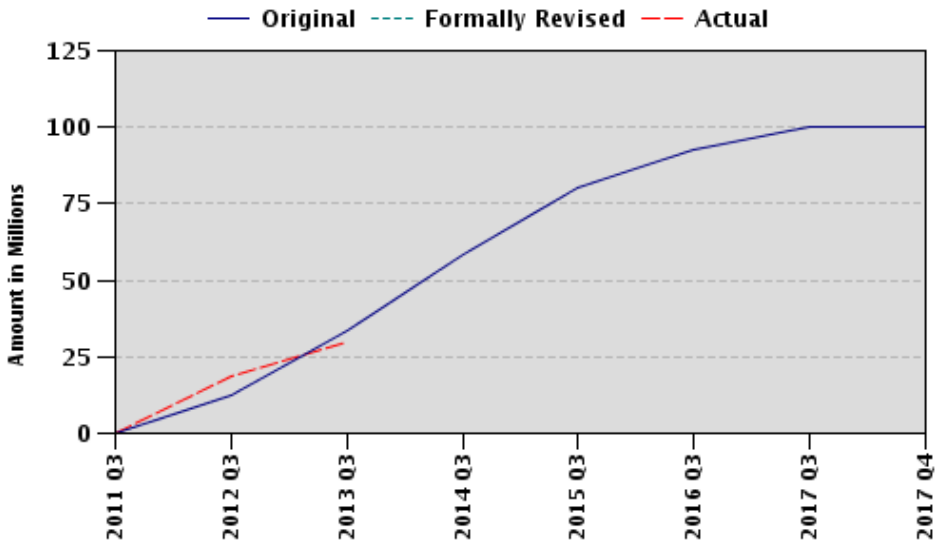
Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P116656	IBRD-80010	Effective	20-Jan-2011	03-Mar-2011	06-May-2011	31-Dec-2016	31-Dec-2016

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P116656	IBRD-80010	Effective	USD	100.00	100.00	0.00	30.00	70.00	30.00

Disbursement Graph



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Key Decisions Regarding Implementation

Client should submit O&M action plans and financial projections based on the operational framework established by the project consultants before March 31, 2013. The next mission is tentatively scheduled for April 2013.

Restructuring History

There has been no restructuring to date.

Related Projects

There are no related projects.

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