Zhejiang Rural Water Supply and Sanitation Project (P133018)

Key Dates

Key Project Dates

- Bank Approval Date: 25-Sep-2014
- Effectiveness Date: 02-Feb-2015
- Planned Mid Term Review Date: 01-Dec-2017
- Actual Mid-Term Review Date: 20-Nov-2017
- 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

<table>
<thead>
<tr>
<th>Name</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress towards achievement of PDO</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Overall Implementation Progress (IP)</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

Implementation Status and Key Decisions
The progress towards achieving the Project Development Objective (PDO) has been satisfactory. The project has been entered the third year of implementation. To date, 84 subprojects are either in implementation or have been completed. A remaining approximately 41 subprojects are expected to begin construction by June 30, 2018. The project has already started to provide improved wastewater collection and treatment services to the residents of the participating small towns and villages.

**Risks**

**Systematic Operations Risk-rating Tool**

<table>
<thead>
<tr>
<th>Risk Category</th>
<th>Rating at Approval</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political and Governance</td>
<td>--</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Macroeconomic</td>
<td>--</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Sector Strategies and Policies</td>
<td>--</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Technical Design of Project or Program</td>
<td>--</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Institutional Capacity for Implementation and Sustainability</td>
<td>--</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Fiduciary</td>
<td>--</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Environment and Social</td>
<td>--</td>
<td>Moderate</td>
<td>Low</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>--</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Other</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Overall</td>
<td>--</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

**Results**

**Project Development Objective Indicators**

<table>
<thead>
<tr>
<th>Number of people in rural areas provided with access to Improved Water Sources under the project (Number, Custom)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>Value</td>
</tr>
<tr>
<td>Date</td>
</tr>
</tbody>
</table>
### Female population (Number, Custom Breakdown)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>27,105.00</td>
<td>39,249.00</td>
<td>200,000.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

### People provided with access to improved sanitation services (Number, Corporate)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>185,576.00</td>
<td>369,297.00</td>
<td>700,000.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>185,576.00</td>
<td>369,297.00</td>
<td>700,000.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

### Female population (Number, Custom Breakdown)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>93,692.00</td>
<td>184,650.00</td>
<td>350,000.00</td>
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<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2017</td>
</tr>
</tbody>
</table>

**Overall Comments**

**Intermediate Results Indicators**
### Piped household water connections that are benefiting from rehabilitation works undertaken by the project (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
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</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>5,113.00</td>
<td>7,282.00</td>
<td>45,000.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

### New household sewer connections constructed under the project (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
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<td>13,630.00</td>
<td>32,475.00</td>
<td>95,000.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>534.00</td>
<td>1,068.00</td>
<td>4,049.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

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

<table>
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<tr>
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<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>534.00</td>
<td>1,068.00</td>
<td>3,984.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
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</tbody>
</table>
### Anren WWTP (Tones/year, Custom Breakdown)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>33.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

### Badu WWTP (Tones/year, Custom Breakdown)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>23.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
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</table>

### Xiaomei WWTP (Tones/year, Custom Breakdown)

<table>
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<tr>
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<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>9.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>NA</td>
<td>less than 1</td>
<td>less than 1</td>
<td>less than 1</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
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</tbody>
</table>
### Ratio of production cost of water supply per cubic meter over the tariff charge per cubic meter (Fuyang Water Company) (Text, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>Less than 1</td>
<td>less than 1</td>
<td>less than 1</td>
<td>Less than 1</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>less than 1</td>
<td>less than 1</td>
<td>less than 1</td>
<td>less than 1</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>less than 1</td>
<td>less than 1</td>
<td>less than 1</td>
<td>less than 1</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>less than 1</td>
<td>less than 1</td>
<td>less than 1</td>
<td>less than 1</td>
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</tbody>
</table>
### Number of staff training days in project financed training and TA activities (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
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<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>1,575.00</td>
<td>2,037.00</td>
<td>570.00</td>
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<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
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### Number of O&M management plans prepared and implemented (Number, Custom)

<table>
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<tr>
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<th>Baseline</th>
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<th>Actual (Current)</th>
<th>End Target</th>
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<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>None</td>
<td>Completed</td>
<td>Completed</td>
<td>Completed</td>
</tr>
<tr>
<td>Date</td>
<td>22-Aug-2014</td>
<td>30-Jun-2017</td>
<td>31-May-2018</td>
<td>31-Dec-2020</td>
</tr>
</tbody>
</table>

**Overall Comments**

**Data on Financial Performance**

**Disbursements (by loan)**

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan/Credit/TF</th>
<th>Status</th>
<th>Currency</th>
<th>Original</th>
<th>Revised</th>
<th>Cancelled</th>
<th>Disbursed</th>
<th>Undisbursed</th>
<th>Disbursed</th>
</tr>
</thead>
<tbody>
<tr>
<td>P133018</td>
<td>IBRD-84240</td>
<td>Effective</td>
<td>USD</td>
<td>200.00</td>
<td>200.00</td>
<td>0.00</td>
<td>69.23</td>
<td>130.77</td>
<td>35%</td>
</tr>
</tbody>
</table>

**Key Dates (by loan)**
**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.