



Water Supply and Sanitation Improvement Project (P163876)

EAST ASIA AND PACIFIC | Cambodia | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2019 | Seq No: 5 | ARCHIVED on 27-Dec-2020 | ISR44453 |

Implementing Agencies: Ministry of Industry, Science, Technology & Innovation, Ministry of Public Works and Transport, Kingdom of Cambodia

Key Dates

Key Project Dates

Bank Approval Date: 28-Mar-2019

Effectiveness Date: 01-Aug-2019

Planned Mid Term Review Date: 15-Mar-2022

Actual Mid-Term Review Date:

Original Closing Date: 28-Jun-2024

Revised Closing Date: 28-Jun-2024

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective (PDO) is to increase access to piped water supply and improved sanitation services and strengthen the operational performance of service providers in selected towns and/or communes.

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

No

Components Table

Name

Component 1: Provincial water supply:(Cost \$32.00 M)

Component 2: Provincial sanitation improvement:(Cost \$25.50 M)

Overall Ratings

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

Implementation Status and Key Decisions

The Project was approved by the Bank's Board on March 28, 2019 and became effective on August 1, 2019. The project is implemented by the Ministry of Industry, Science, Technology & Innovation (MISTI) and Ministry of Public Works and Transport (MPWT), both of which have established their respective Component Management Units (CMU) that will be responsible for project implementation. The works on extending the water supply network in Saen Monourom town in Mondul Kiri province started in April 2020 and have completed 98% of physical works. The procurement processing of the key works packages for the sewerage improvement in Siem Reap city is expected to commence soon, although there is a delay compared to the planned schedule.



Risks

Systematic Operations Risk-rating Tool

| Risk Category | Rating at Approval | Previous Rating | Current Rating |
|--|--------------------------------------|-----------------------------------|-----------------------------------|
| Political and Governance | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |
| Macroeconomic | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |
| Sector Strategies and Policies | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |
| Technical Design of Project or Program | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |
| Institutional Capacity for Implementation and Sustainability | <input type="checkbox"/> Substantial | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |
| Fiduciary | <input type="checkbox"/> Substantial | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |
| Environment and Social | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |
| Stakeholders | <input type="checkbox"/> Low | <input type="checkbox"/> Low | <input type="checkbox"/> Low |
| Other | -- | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |
| Overall | <input type="checkbox"/> Substantial | <input type="checkbox"/> Moderate | <input type="checkbox"/> Moderate |

Results

PDO Indicators by Objectives / Outcomes

| Outcome 1: Increased access to piped water supply | | | | |
|---|---|-------------------|------------------|-------------|
| ▶ People provided with access to improved water sources through piped household water connections in target areas (Number, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 121.00 | 105,000.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | Since the physical work has advanced, only 26 house connections have been achieved by November 2020. The number of people benefitting from the water supply is calculated by multiplying the number of connections with the average household size. | | | |
| □ People provided with access to improved water sources through piped household water connections in target areas - Female (Number, Custom Breakdown) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 58.00 | 52,500.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |



| □ People provided with access to improved water sources through piped household water connections in target areas - Poor (Number, Custom Breakdown) | | | | |
|--|--|-------------------|------------------|-------------|
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 10,000.00 |
| Date | 31-Dec-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| ▶ Households with young children (under 2 years old) provided with access to improved water sources through piped household water connections (Number, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 12.00 | 2,000.00 |
| Date | 03-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | The indicator measures how the project could reach nutrition-sensitive households. | | | |

| Outcome 2: Increased access to improved sanitation services | | | | |
|---|-----------------------------------|-------------------|------------------|-------------|
| ▶ People provided with access to improved sanitation services through connection to sewer network in Siem Reap City (Number, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 27,000.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | Civil works have not yet started. | | | |
| □ People provided with access to improved sanitation services through connection to sewer network in Siem Reap City - Female (Number, Custom Breakdown) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 13,500.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |

| Outcome 3: Strengthened operational performance of service providers | | | | |
|---|---|-------------------|------------------|-------------|
| ▶ Selected water supply service providers supported by the Project achieving operational cost recovery (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 100.00 | 100.00 | 70.00 |
| Date | 20-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | This results indicator comes from the data for Mondul Kiri, Stoung, and Taing Krasaing utilities, which are currently supported by the project. | | | |



| ► Level of operational costs of Siem Reap Sewerage and Wastewater Treatment Plant Unit covered by revenue collected from customers (Percentage, Custom) | | | | |
|---|---|-------------------|------------------|-------------|
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 42.00 | 62.00 | 34.40 | 75.00 |
| Date | 20-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | This is based on financial data from January to September 2020, which is made available during the mission. Operating expenses included utilities, office supplies, maintenance, employees' incentive etc. | | | |

Intermediate Results Indicators by Components

| Component 1: Provincial Water Supply | | | | |
|--|--|-------------------|------------------|-------------|
| ► Length of water supply pipeline constructed (Kilometers, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 6.90 | 54.00 | 300.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | The result is reflected in the progress of report of contractor provided to MISTI. It is the network installed in Mondul Kiri in Phase I. | | | |
| ► Daily volume of water production capacity constructed (Cubic Meter(m3), Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 20,000.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | This indicator measures the additional amount of safe drinking water produced with project support. Development of water production facility will be done early 2022, thus there is no results reported yet during this ISR. | | | |
| ► Female staff working in the water supply providers supported by the Project in core roles (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 13.00 | 13.00 | 16.60 | 25.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |



| | | | | |
|--|--|-------------------|------------------|-------------|
| Comments: | For Mondul Kiri utility, female staff account for 2 out of 15 total staff (1 female staff increase from last mission). For Stoung utility, female staff reached 3 out of total staff of 17 (1 male staff increase from last mission). For Taing Krasaing utility, female staff is 2 out of total staff 10. | | | |
| ► Activities identified in joint action plan through social accountability framework for public water supply operators supported by the Project implemented (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 75.00 |
| Date | 03-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | ISAF not yet started. | | | |
| ► Female participants in community scorecards who provide service quality feedback to water supply service providers through social accountability framework (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 50.00 |
| Date | 03-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | ISAF not yet started. | | | |
| ► Villages provided with piped water supply under the Project covered by nutrition-sensitive behavior change communication campaign for water and sanitation (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 70.00 |
| Date | 20-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | Behavior Change Communication (BCC) package is at early stage of development. It will take sometimes for the package to be developed and it is expected that the package be ready for implementation in late 2021. Update will be provided in next ISR. | | | |
| ► Communes with identified joint interventions for water supply, sanitation and nutrition (Number, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 10.00 |
| Date | 01-Oct-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | Not yet implemented. This will be updated once the BCC work started. | | | |
| ► Mondul Kiri Waterworks and Stoung Waterworks achieve financial readiness to be made autonomous (Yes/No, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | No | No | No | Yes |



| Date | 20-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
|--|--|-------------------|------------------|-------------|
| Component 2: Provincial Sanitation Improvement | | | | |
| ► Sewer network constructed in Siem Reap City (Kilometers, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 60.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | Civil works not yet started | | | |
| ► Daily volume of wastewater collected and transported to wastewater treatment plant in Siem Reap City (Cubic Meter(m3), Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 87.50 | 564.00 | 8,000.00 |
| Date | 20-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | Average (m3/month) for the first 9 months of 2020. The number is only for waste from Vacuum Truck to WWTP. In 2019 average Daily Volume was 314.34 m3 (both pumping station and vacuum truck). Although the collection network has not yet developed under the project, this figure is from intercepting the sewer from the combined system. | | | |
| ► Activities identified in joint action plan through social accountability framework for Siem Reap Sewerage and Wastewater Treatment Plant Unit implemented (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 75.00 |
| Date | 01-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | ISAF not yet started | | | |
| ► Female participants in community scorecards who provide service quality feedback to Siem Reap Sewerage and Wastewater Treatment Plant Unit through social accountability framework (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 0.00 | 50.00 |
| Date | 03-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | ISAF not yet started | | | |
| ► A national wastewater development strategy (including a tariff policy for wastewater services) developed (Yes/No, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |



| | | | | |
|-----------|--|-------------|-------------|-------------|
| Value | No | No | No | Yes |
| Date | 20-Sep-2018 | 09-Jun-2020 | 09-Dec-2020 | 28-Jun-2024 |
| Comments: | Development of Tariff setting regulation for sanitation will start in 2021. Recruitment of consultants is ongoing. | | | |

Performance-Based Conditions

Data on Financial Performance

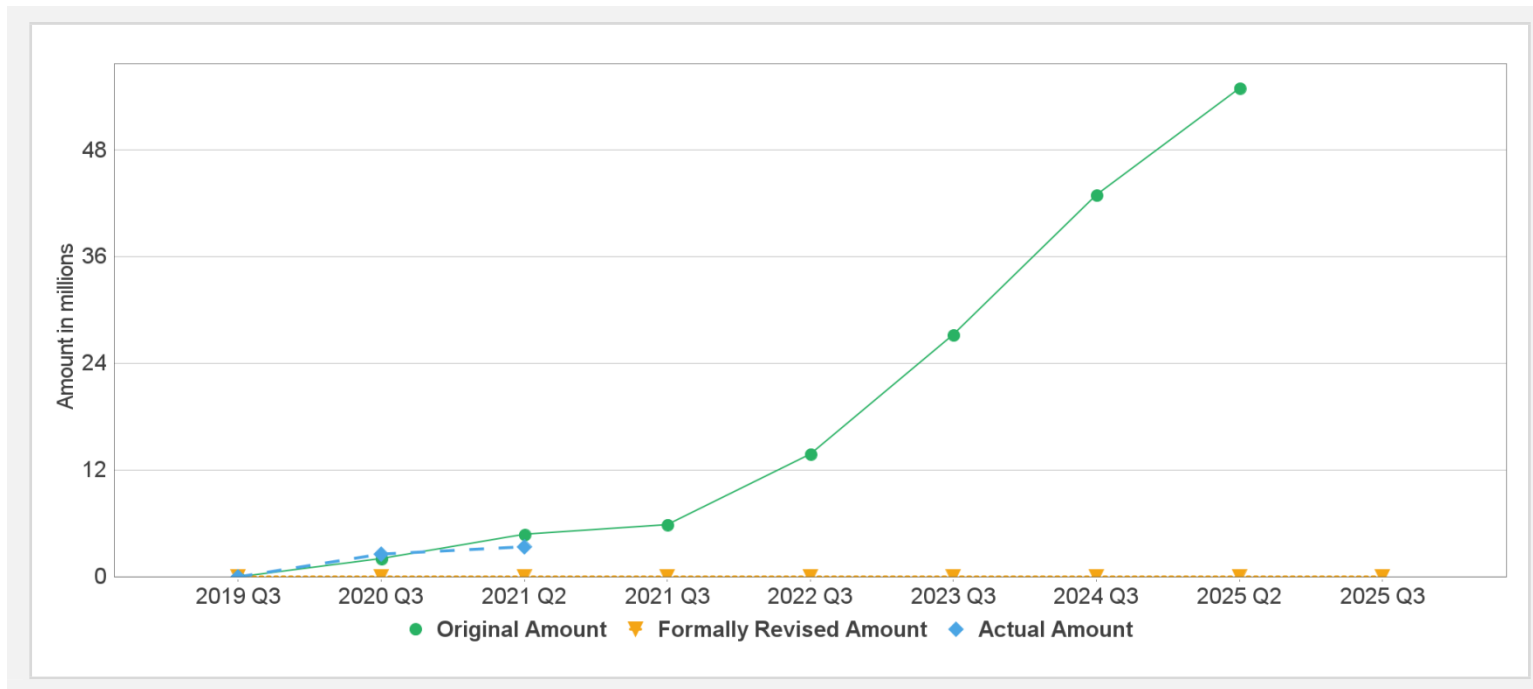
Disbursements (by loan)

| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | % Disbursed |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|-------------|
| P163876 | IDA-63860 | Effective | USD | 55.00 | 55.00 | 0.00 | 3.32 | 53.05 | 5.9% |

Key Dates (by loan)

| Project | Loan/Credit/TF | Status | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|-----------|---------------|--------------|--------------------|--------------------|-------------------|
| P163876 | IDA-63860 | Effective | 28-Mar-2019 | 10-Jun-2019 | 01-Aug-2019 | 28-Jun-2024 | 28-Jun-2024 |

Cumulative Disbursements





PBC Disbursement

| PBC ID | PBC Type | Description | Coc | PBC Amount | Achievement Status | Disbursed amount in Coc | Disbursement % for PBC |
|--------|----------|-------------|-----|------------|--------------------|-------------------------|------------------------|
|--------|----------|-------------|-----|------------|--------------------|-------------------------|------------------------|

Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.
