



## Punjab Rural Sustainable Water Supply and Sanitation Project (P169071)

SOUTH ASIA | Pakistan | Water Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2021 | Seq No: 2 | ARCHIVED on 29-Jun-2022 | ISR52084 |

Implementing Agencies: Local Government Department, Government of Punjab, The Islamic Republic of Pakistan

### Key Dates

#### Key Project Dates

Bank Approval Date: 18-Jun-2021

Effectiveness Date: 25-Aug-2021

Planned Mid Term Review Date: 06-Jan-2025

Actual Mid-Term Review Date:

Original Closing Date: 30-Jun-2028

Revised Closing Date: 30-Jun-2028

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to provide equitable and sustainable access to safely managed water and sanitation and reduce child stunting.

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

No

### Components Table

Name

Project Management:(Cost \$16.90 M)

Water Supply and Sanitation Infrastructure Development:(Cost \$477.70 M)

Behavior Change and Capacity Development:(Cost \$16.10 M)

Service Delivery Improvement:(Cost \$42.30 M)

### Overall Ratings

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

### Implementation Status and Key Decisions

The project was declared effective on August 25, 2021. While there were some initial start-up delays, implementation has begun to gain momentum. The Punjab Rural Municipal Services Company (PRMSC) was licensed from the Securities and Exchange Commission of Pakistan (SECP) on October 07, 2021 and has become operationalized. The Project Management Implementation Unit has advertised a Request for Expression of Interest for the priority consultancy services for engineering design of the first package of water supply and sanitation infrastructure in 200 villages. Several critical procurements related to engineering design and behavior change campaigns are expected to be awarded in this calendar year.



## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Reduction in the incidence of stunting				
► Reduction in the incidence of stunting among children aged 0-3 (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	37.00	37.00	37.00	22.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2028
Comments:	Child stunting measured as height for weight (HAZ) among children 0-36 months, born in a program village, after the water and sanitation infrastructure is in place, as compared to similar age children born at the same time in program villages that have not yet received the infrastructure-under the randomized rollout of program villages in program tehsils. Total reduction expected is 40 percent.			

Number of beneficiaries provided safe drinking water in areas with high exposure to heat stress				
► Number of beneficiaries provided safe drinking water in areas with high exposure to heat stress and water scarcity (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6,000,000.00



Date	30-Jun-2021	01-Nov-2021	17-Jun-2022	30-Jun-2028
Comments:	6 million people in 2000 revenue villages provided with safe water for drinking			

Revenue Villages with wastewater treatment facilities that generate safe effluent				
▶ Number of Revenue Villages with wastewater treatment facilities that mitigate risk of fecal contamination of water resources in heat stressed and water-scarce areas by generating safe effluent (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2028
Comments:	Number of villages that have fecal sludge management solutions treating wastewater before disposal			

Percentage increase in water quality at point-of-use				
▶ Percentage of households that have WHO quality drinking water increase in water quality at point-of-use (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	35.00	35.00	35.00	75.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2028
Comments:	35% population has safe water at the point of use. This will increase to 75% within the project villages			

O&M costs covered through tariff collection				
▶ O&M costs covered through tariff collection (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2028
Comments:	O&M costs for running water and wastewater systems will be raised through household tariff. The remaining part will come through Tehsil budgets			

**Intermediate Results Indicators by Components**

Water Supply and Sanitation Infrastructure				
▶ Drinking water tested by a third-party on a quarterly basis, in all project schemes. (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2028
Comments:	Water quality of village tested at source and at point of use within the household			

#### Water Supply and Sanitation Infrastructure

► Waste effluent quality tested by a third-party on a quarterly basis, in all project schemes. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2028
Comments:	Effluent quality tested on a quarterly basis at the point of village discharge			

#### Behavior Change and Capacity Building

► Female Ambassadors of Change trained for social influencing and behavior change in every village (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2026
Comments:	Local village social mobilizers trained which includes 70% women			

#### Behavior Change and Capacity Building

► Behavior change trainings delivered in all project villages with women as the primary beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,000,000.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2027
Comments:	1 million women trained for various aspects			

► Reduction of gap between women and men in average time lost per year from routine activities due to waterborne and gastrointestinal diseases in the family (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	100.00	100.00	80.00



Date	31-Aug-2021	01-Nov-2021	17-Jun-2022	31-Mar-2028
Comments:	The indicator will measure the reduction of gap between women and men in terms of the time lost (days/year). The project baseline will capture the time lost in terms of 'days per year' for both men and women separately. The subtraction of the two times (days/year) will become the gap between the two genders, that will qualify as 100% value of this indicator. Similarly, project End-line will also measure the same gap between the two genders which will qualify as the end-target achieved by the project. The IO indicator aims to bring a 20% net reduction in the difference of time (days/year) between the two genders from baseline to end-target date.			
► Reduction of gap between women and men in average time spent with household workloads (including fetching water to the household) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	100.00	100.00	80.00
Date	31-Aug-2021	01-Nov-2021	17-Jun-2022	31-Mar-2028
Comments:	The indicator will measure the reduction of gap between women and men in terms of the average time spent (days/year) with household workloads (including fetching water). The project baseline will capture the time lost in terms of 'days per year' for both men and women separately. The subtraction of the two times (days/year) will become the gap between the two genders, that will qualify as 100% value of this indicator. Similarly, project End-line will also measure the same gap between the two genders which will qualify as the end-target achieved by the project. The IO indicator aims to bring a 20% net reduction in the difference of time (days/year) between the two genders from baseline to end-target date.			

Service Delivery Improvement				
► Village level staff employed for street cleaning/solid waste collection (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4,000.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Sep-2027
Comments:	Each village organisation or panchayat employs staff to clean streets and/or collect solid waste. The project will promote employing local women, where possible.			

Project Management				
► Digital open access MIS established for tracking fund flows, service delivery and project outcomes for all project villages (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2026
Comments:	A centralized MIS dashboard updating village-level data			

Project Management				
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▶ Customer service delivery complaints and grievances addressed within stipulated time (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	31-Dec-2027
Comments:	WSS Service Delivery Unit address complaints as tracked in the MIS			

Behavior Change and Capacity Building				
▶ Reduction in the incidence of diarrhea among children aged 0-5 (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	17.00	17.00	17.00	10.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	30-Jun-2028
Comments:	Diarrhea incidence measured over two-week period before each survey			
▶ Village Organizations created or strengthened to promote WASH-friendly community behaviors, led by a woman - 20% share increase compared to baseline (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	15-Mar-2021	01-Nov-2021	17-Jun-2022	30-Jun-2027
Comments:	The project will make an attempt that at least 50 percent of the members of all village organizations that are formed or strengthened are women in addition to increasing women-led VOs by 20% from baseline			

Number of households with metered water supply				
▶ Number of households with metered water supply (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	800,000.00
Date	31-Aug-2020	01-Nov-2021	17-Jun-2022	31-Mar-2028
Comments:	All households provided with meters			

## Performance-Based Conditions

### Data on Financial Performance



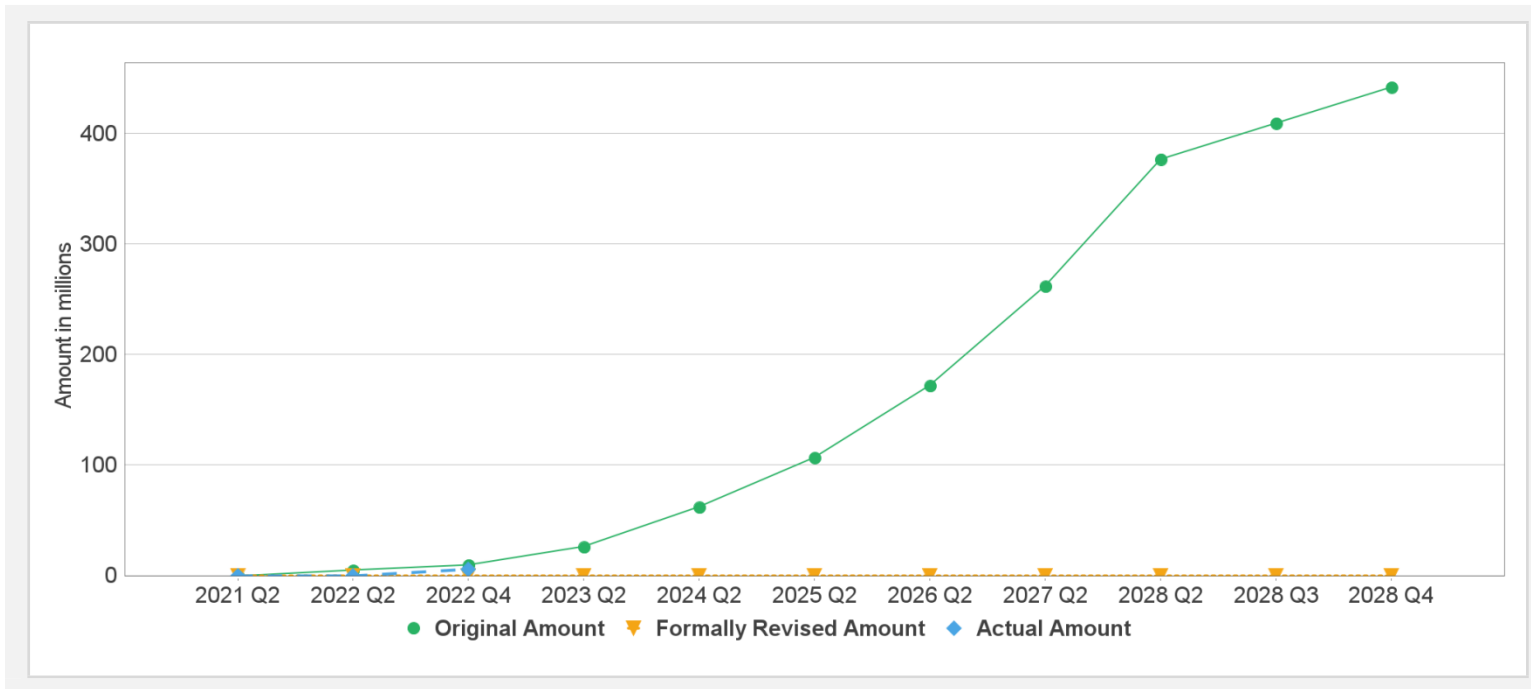
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P169071	IBRD-92670	Effective	USD	200.00	200.00	0.00	2.96	197.04	1.5%
P169071	IDA-69250	Effective	USD	242.40	242.40	0.00	3.00	224.96	1.3%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P169071	IBRD-92670	Effective	18-Jun-2021	25-Jun-2021	25-Aug-2021	30-Jun-2028	30-Jun-2028
P169071	IDA-69250	Effective	18-Jun-2021	25-Jun-2021	25-Aug-2021	30-Jun-2028	30-Jun-2028

**Cumulative Disbursements**



**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.

