



PK Sindh Water Sector Improvement Project Phase I (P084302)

SOUTH ASIA | Pakistan | Water Global Practice |
IBRD/IDA | Specific Investment Loan | FY 2008 | Seq No: 20 | ARCHIVED on 05-Jun-2017 | ISR28212 |

Implementing Agencies: Sindh Irrigation and Drainage Authority (SIDA), Government of Sindh

Key Dates

Key Project Dates

Bank Approval Date:18-Sep-2007

Effectiveness Date:26-Dec-2007

Planned Mid Term Review Date:31-Mar-2014

Actual Mid-Term Review Date:03-Feb-2014

Original Closing Date:30-Apr-2013

Revised Closing Date:31-Dec-2018

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The overarching project objective is to improve the efficiency and effectiveness of irrigation water distribution in three AWBs (Ghotlu, Nara and Left Bank), particularly with respect to measures of reliability, equity and user satisfaction. This would be achieved by: (a) deepening and broadening the institutional reforms that are already underway in Sindh; (b) improving the irrigation system in a systematic way covering key hydraulic infrastructure, main and branch canals, and distributaries and minors; and (c) enhancing long-term sustainability of irrigation system through participatory irrigation management and developing institutions for improving operation and maintenance of the system and cost recovery. The improved water management would lead to increased agricultural production, employment and incomes over some about 1.8 million ha or more than 30 percent of the irrigated area in Sindh, and one of the poorest regions of the country.

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

No

Components

Name

Component A: Community Development and Capacity Building:(Cost \$10.00 M)

Component B: Rehabilitation and Improvement of Irrigation and Drainage System:(Cost \$137.80 M)

Component C: Management Plans for Major Irrigation & Drainage:(Cost \$12.00 M)

Component D: Monitoring and Evaluation of the Project Impact and Environmental Management Plan:(Cost \$4.20 M)

Component E - Project Coordination, Monitoring, Technical Assistance and Training:(Cost \$11.00 M)

Overall Ratings

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

Implementation Status and Key Decisions

The project has made progress towards achieving its development objective and implementation is rated satisfactory. During the past six months the project has been devoted to progress the three large ICB contracts totaling about US\$90 million.

There is no cost overrun and no major environmental and social safeguards are encountered. Project implementation is in compliance with the legal covenants.





Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

► Efficiency: Evidence of increased channel conveyance efficiency of the distributary / minor canals, watercourses, farms, and reduced discharges of drainage water. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	The baseline M&E initial report based on farmers# perception survey indicates overall 52 % system#s conveyance efficiency: Detail is as below: - Distributaries and minors at 83% - Watercourses at 80% - Farms at 78% - overall at 52%	73%	73%	Evidence of efficiency improvement in 100 percent of distributaries



Date	31-May-2011	01-Nov-2016	15-May-2017	31-Dec-2018
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► **Reliability:** Ratio between actual amounts of water supplied to the project area and the demand/planned water supply for the project area on a ten-day, monthly, seasonal and annual basis. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Farmers# perception survey indicates overall 39.40 % reliability: 42.23 % during rabi and 39.24 % during kharif seasons.	59%	59%	Evidence of reliability improvement in 100 percent of distributaries
Date	31-May-2011	01-Nov-2016	15-May-2017	31-Dec-2018

► **Equity::** Evidence of improvements in water distribution between head and tail watercourses measured by the Delivery Performance Ratio (DPR). (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Farmers' perception survey indicates equity of distribution as: - Head watercourses at 52% - Middle watercourse at 40% - Tail watercourses at 27%	75%	75%	Evidence of equity improvement in 100 percent of distributaries
Date	31-May-2011	01-Nov-2016	15-May-2017	31-Dec-2018

► **User Satisfaction:** Improved user satisfaction with respect to water distribution practices, as shown in sample surveys conducted before and after project activities in each AWB. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Overall user staisfaction is reported at 48%. The detail by AWB includes: - Ghotki AWB 60% - Nara AWB 45% - Left Bank 48%	78%	78%	Evidence of user satisfaction improvement in 100 percent of distributaries
Date	31-May-2011	01-Nov-2016	15-May-2017	31-Dec-2018

Overall Comments



The value of the indicators remain the same as the previous ISR because the civil works have not been completed and the major irrigation season is on-going. PCMU has just mobilized a M&E consultant and have started to collect information on the ground. In the meantime, the FAO will also make an overall assessment of the water use under the technical assistance supported by the project.

Intermediate Results Indicators

► Component A: Number of Farmers Organizations (FOs) carrying out distributary canal level improvements and operation and maintenance(O&M) (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	369 FOs existed of which this project was to strengthen 269 FOs while remaining 100 are covered under Sindh OFWM	344.00	344.00	improved service by 100 percent of FOs
Date	31-Dec-2007	01-Nov-2016	15-May-2017	28-Feb-2015

► Component B: Number of main and branch canals, distributaries and minors improved. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3 main Canals (Ghotki, Nara and Fuleli) and 173 distributaries and minors	2 main & branch canals 101 distributaries	2 main & branch canals 101 distributaries	5 main & branch canals 128 distributaries
Date	31-Dec-2007	01-Nov-2016	15-May-2017	31-Dec-2018

► Component C: Feasibility study for rehabilitation of the Gudu barrage is completed. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	NA	completed	the first final draft completed and being revised	100 percent completed
Date	31-Dec-2007	01-Nov-2016	01-Nov-2016	31-Dec-2018



► Component D: Monitoring and evaluation of the Project Impact and supervision of the environment and social action plans is carried out adequately and reported through semi-annual and annual reports. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	NA	Complied with	Complied with	100 percent completed
Date	31-Dec-2007	01-Nov-2016	15-May-2017	31-Dec-2018

► Component E - Project Coordination, Monitoring, Technical Assistance implemented (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	NA	Complied with	Complied with	100 percent completed
Date	31-Dec-2007	18-Jun-2016	15-May-2017	31-Dec-2018

► Area provided with new/improved irrigation or drainage services (Hectare(Ha), Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,170,000.00	1,170,000.00	1,870,000.00
Date	31-Dec-2007	18-Jun-2016	15-May-2017	28-Feb-2015

▲ Area provided with improved irrigation or drainage services (Hectare(Ha), Corporate Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1,170,000.00	1,870,000.00
Date	31-Dec-2007	01-Nov-2016	25-May-2017	31-Dec-2018



▲ Area provided with new irrigation or drainage services (Hectare(Ha), Corporate Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,170,000.00	0.00	0.00
Date	31-Dec-2007	01-Nov-2016	15-May-2017	31-Dec-2018

▶ Operational water user associations created and/or strengthened (number) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	344.00	344.00	344.00
Date	31-Dec-2007	01-Nov-2016	15-May-2017	31-Dec-2018

▶ Water users provided with new/improved irrigation and drainage services (number) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	390,000.00	390,000.00	612,000.00
Date	31-Dec-2007	01-Nov-2016	15-May-2017	31-Dec-2018

▲ Water users provided with irrigation and drainage services - female (number) (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	500.00	500.00	2,300.00
Date	31-Dec-2007	01-Nov-2016	15-May-2017	31-Dec-2018

Overall Comments

The most of the indicators remain the same from the last ISR as civil works are still underway and irrigation season is on-going. The feasibility study for the Sukkur Barrage has been largely completed and is finalized with comments from the GoSindh and the Bank. The M&E consultants have been mobilized to collect data on the ground. The number of the female beneficiaries needs to be verified. The number for new irrigation area and improved area has been corrected.



Data on Financial Performance

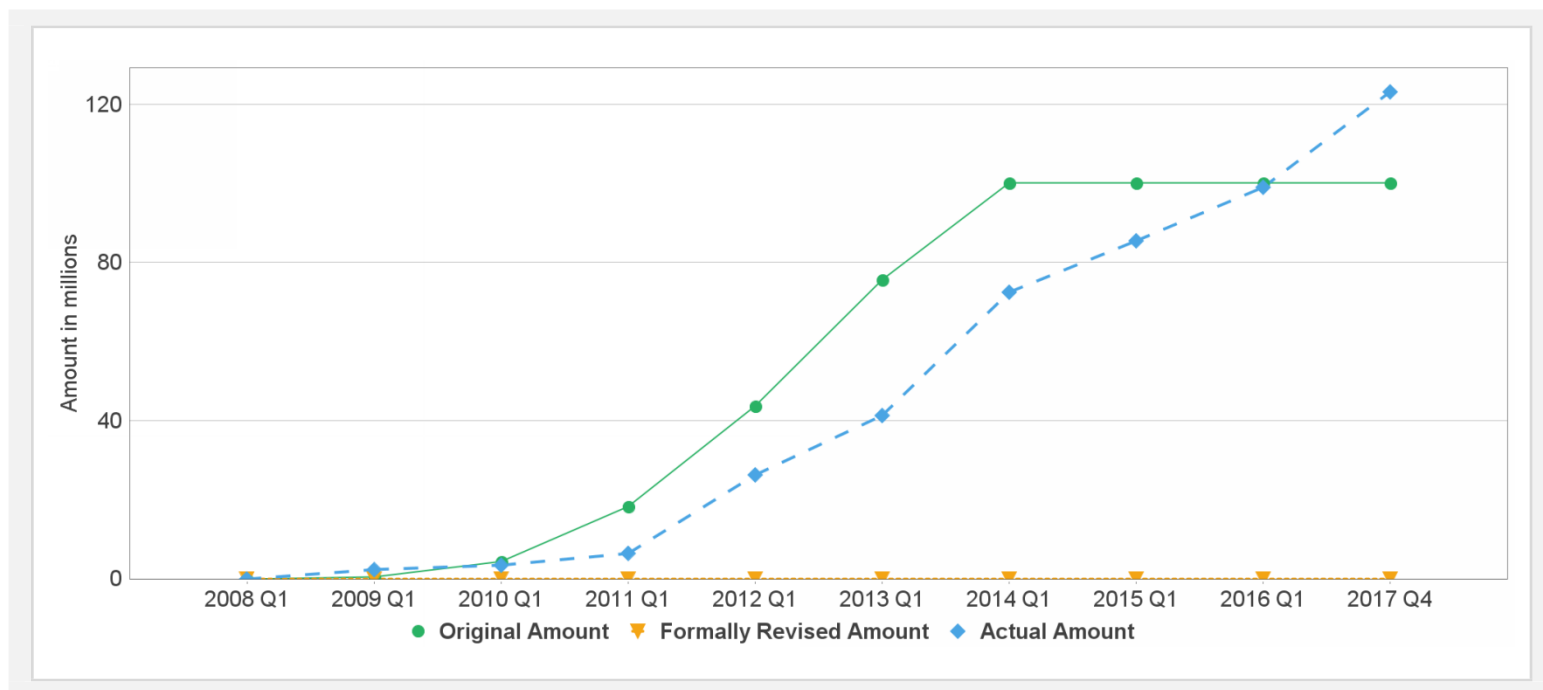
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P084302	IDA-43580	Closed	XDR	100.10	98.70	1.40	96.50	2.20	98%
P084302	IDA-55560	Effective	XDR	93.10	93.10	0.00	26.71	66.39	29%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P084302	IDA-43580	Closed	18-Sep-2007	05-Oct-2007	26-Dec-2007	30-Apr-2013	28-Feb-2015
P084302	IDA-55560	Effective	16-Dec-2014	11-Mar-2015	07-May-2015	31-Dec-2018	31-Dec-2018

Cumulative Disbursements



Restructuring History



Level 1 Approved on 16-Sep-2014 ,Level 2 Approved on 28-Sep-2014

Related Project(s)

P131325-PK Additional Financing for Sindh Water Sector Improvement Phase 1
