

**Implementation Status & Results  
Bangladesh  
Water Management Improvement Project (P040712)**

Operation Name: Water Management Improvement Project (P040712)	Project Stage: Implementation	Seq.No: 11	Status: ARCHIVED	Archive Date: 13-Dec-2012
Country: Bangladesh	Approval FY: 2008			
Product Line: IBRD/IDA	Region: SOUTH ASIA	Lending Instrument: Specific Investment Loan		
Implementing Agency(ies): Bangladesh Water Development Board, Ministry of Water Resources, Water Resources Planning Organization (WARPO)				

**Key Dates**

Board Approval Date	18-Sep-2007	Original Closing Date	30-Jun-2015	Planned Mid Term Review Date	Last Archived ISR Date	20-Mar-2012
Effectiveness Date	26-Nov-2007	Revised Closing Date	30-Jun-2015	Actual Mid Term Review Date	02-May-2011	

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

**The Project Development Objective (PDO) is to improve water resources management by improving infrastructure and institutions through rehabilitating damaged water infrastructure, piloting the role of local communities and enhancing the institutional performance of the Country's principal water institutions, particularly BWDB and WARPO.**

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

Yes     No

**Component(s)**

Component Name	Component Cost
System Improvement and Management Transfer (SIMT)	10.70
O&M Performance Improvement (OMPI)	5.00
Institutional Improvement (a) BWDB; (b) WARPO; and (c) PCU	10.30
Flood Damage Rehabilitation (FDR) Works	59.00

**Overall Ratings**

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

**Implementation Status Overview**

Since the last mission several key agreed actions have been completed and as a result, progress is moderately satisfactory. This includes the approval of the Revised DPP, the extension of the Flood Damage Rehabilitation (FDR) consultancy contract, and the selection of a contractor for the critical Sirajganj Hard Point (SHP) works. With these actions now

in place, the project can move forward in earnest in implementing the various components of the project. To date, good progress has been observed with the pilot program on participatory scheme management. Staffing has been improved at the zonal support pool levels and many extension officers (XOs) are now in place. Moreover, several works tenders associated with this program (being supported by local communities) are in the beginning stages of procurement. Environmental clearances for these works are in large part on track to be granted. Implementation of the FDR works is also progressing satisfactorily with several to begin this construction season. The SHP works will also start this season. Challenges with handling non-performing contracts remain. Finally, areas where progress continues to be slow include: finalization of the hydro-met and department-wide information technology tenders and consultancy proposals from WARPO. Plans to assess the efficacy of the National Water Management Plan (NWMP) and a review of the surface and groundwater conditions in the country were discussed with WARPO and a plan for moving forward agreed upon. Overall monitoring and evaluation may be strengthened.

**Locations**

Country	First Administrative Division	Location	Planned	Actual
Bangladesh	Not Entered	Sirajganj		
Bangladesh	Not Entered	Kalkini		
Bangladesh	Rajshahi Division	Badalgachi		
Bangladesh	Not Entered	Srinadi		
Bangladesh	Not Entered	Patghati		
Bangladesh	Rajshahi Division	Parulia		
Bangladesh	Not Entered	Manu River		
Bangladesh	Rajshahi Division	Mohananda River		
Bangladesh	Khulna Division	Madinabad		
Bangladesh	Rangpur Division	Khuniagachh		
Bangladesh	Borishal	Khepupara		
Bangladesh	Not Entered	Gobra		
Bangladesh	Not Entered	Ghaghat River		
Bangladesh	Dhaka Division	Dhaleswari River		
Bangladesh	Not Entered	Chingari		
Bangladesh	Not Entered	Naf River		
Bangladesh	Not Entered	Bhola		
Bangladesh	Rajshahi Division	Lalmonirhat District		
Bangladesh	Rangpur Division	Gaibandha District		

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Country	First Administrative Division	Location	Planned	Actual
Bangladesh	Rajshahi Division	Naogaon		
Bangladesh	Rajshahi Division	Chapai Nawabganj District		
Bangladesh	Dhaka Division	Tangail District		
Bangladesh	Dhaka Division	Gopalganj District		
Bangladesh	Dhaka Division	Madaripur District		
Bangladesh	Sylhet Division	Sylhet District		
Bangladesh	Chittagong	Chittagong District		
Bangladesh	Chittagong	Cox's Bazar District		
Bangladesh	Khulna Division	Magura District		
Bangladesh	Khulna Division	Narail District		
Bangladesh	Khulna Division	Bagerhat District		
Bangladesh	Khulna Division	Khulna District		
Bangladesh	Khulna Division	Satkhira District		
Bangladesh	Borishal	Patuakhali District		
Bangladesh	Rajshahi Division	Tanganmari		
Bangladesh	Borishal	Subidkhali		
Bangladesh	Rajshahi Division	Ranigram		
Bangladesh	Not Entered	Madhumati River		
Bangladesh	Rajshahi Division	Kalitola		
Bangladesh	Rajshahi Division	Poladanga		
Bangladesh	Rajshahi Division	Nama Nimgachi		
Bangladesh	Khulna Division	Betna River		
Bangladesh	Khulna Division	Kumarkhali		
Bangladesh	Khulna Division	Ghatakhali		
Bangladesh	Not Entered	Keraniganj		

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Bangladesh	Not Entered	Manda		
Bangladesh	Not Entered	Dhamoirhat		
Bangladesh	Not Entered	Kulaura		
Bangladesh	Not Entered	Jaintiapur		
Bangladesh	Not Entered	Gowainghat		
Bangladesh	Not Entered	Charfasson		
Bangladesh	Not Entered	Dewanganj		
Bangladesh	Not Entered	Islampur		
Bangladesh	Not Entered	Sarishabari		
Bangladesh	Not Entered	Kalihati		
Bangladesh	Not Entered	Raninagar		
Bangladesh	Not Entered	Manpura		
Bangladesh	Not Entered	Teknaf		
Bangladesh	Not Entered	Phulchhari		
Bangladesh	Not Entered	Madarganj		
Bangladesh	Not Entered	Patuakhali		
Bangladesh	Not Entered	Akkelpur		
Bangladesh	Not Entered	Assasuni		
Bangladesh	Not Entered	Bagerhat S.		
Bangladesh	Not Entered	Balaganj		
Bangladesh	Not Entered	Bauphal		
Bangladesh	Not Entered	Burhanuddin		
Bangladesh	Not Entered	Chitalmari		
Bangladesh	Not Entered	Dashina		
Bangladesh	Not Entered	Daulatkhan		

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Bangladesh	Not Entered	Debhata		
Bangladesh	Not Entered	Fakirhat		
Bangladesh	Not Entered	Gaibandha S.		
Bangladesh	Not Entered	Galachipa		
Bangladesh	Not Entered	Gopalganj S.		
Bangladesh	Not Entered	Kaliganj		
Bangladesh	Not Entered	Kotalipara		
Bangladesh	Not Entered	Koyra		
Bangladesh	Not Entered	Kutubdia		
Bangladesh	Not Entered	Lakshmipur S.		
Bangladesh	Not Entered	Lalmohan		
Bangladesh	Not Entered	Lohagara		
Bangladesh	Not Entered	Mollahat		
Bangladesh	Not Entered	Morrelganj		
Bangladesh	Not Entered	Nawabganj S.		
Bangladesh	Not Entered	Patuakhali S.		
Bangladesh	Not Entered	Rajnagar		
Bangladesh	Not Entered	Rajoir		
Bangladesh	Not Entered	Rampal		
Bangladesh	Not Entered	Satkhira S.		
Bangladesh	Not Entered	Shalikka		
Bangladesh	Not Entered	Shymnagar		
Bangladesh	Not Entered	Sreepur		
Bangladesh	Not Entered	Tala		
Bangladesh	Not Entered	Gaibanda		

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Bangladesh	Not Entered	Bhuapur	
Bangladesh	Not Entered	Tarakandi	
Bangladesh	Not Entered	Melandaha	

**Results**

**Project Development Objective Indicators**

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target		
A reduction in the level of damage to property and assets that is to the satisfaction of the communities in 60% of completed project schemes	<input type="checkbox"/>	Text	Value	BDT 79.9 Billion in total damage, 2007  BDT 4.9 Billion in damages to all embankments and water control structures, 2007  BDT 5559.2 Million in damages in 475 BWDB schemes, 2007  BDT 322.8 Million in damages in 39 WMIP sample project schemes, 2007	To be calculated at end of project	Less than baseline in 60% of completed project schemes		
			Date	01-Jul-2011			29-Nov-2012	30-Jun-2015
			Comments					
About 60% reduction in crop area damaged by floods/cyclones in 60% of project schemes starting 2014-15	<input type="checkbox"/>	Text	Value	Total of 186,883 ha fully damaged and 498,645 ha partially damaged, 2007  27,100 ha damaged in 23 WMIP sample project schemes, 2007	To be calculated at end of project	60% lesser than baseline in crop area in 60% of completed project schemes		
			Date	01-Jul-2011			29-Nov-2012	30-Jun-2015
			Comments					
About 60% of completed project schemes have WMOs functioning in accordance with their roles and responsibilities agreed upon in the management plan	<input type="checkbox"/>	Text	Value	22% of WMIP sample project schemes with WMOs	282 (out of target 289) WMO formed; 22 (out of target 23) WMA formed; 16,162 (out of 125,013) members enrolled.	WMOs in 60% of completed project schemes		
			Date	01-Jul-2011			29-Nov-2012	30-Jun-2015
			Comments				176 bank accounts open	

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**Intermediate Results Indicators**

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Successful completion of rehabilitation and improvements in 100% of targeted project schemes	<input type="checkbox"/>	Text	Value	Not applicable	Step 1-6 of PSM process completed for 15 schemes and step 7 started for 16 schemes	100% of targeted project schemes completed
			Date	01-Jul-2011	29-Nov-2012	30-Jun-2015
			Comments		This is includes both Component 1 & 2 and FDR schemes	
Signed agreement between BWDB and WMOs completed in 100% of project schemes	<input type="checkbox"/>	Text	Value	NA	Though WMOs have been mobilized and are involved in discussions with BWDB, no management agreements have yet been signed	100% of completed project schemes
			Date	01-Jul-2011	29-Nov-2012	30-Jun-2015
			Comments			
Timely completion of need-based O&M assessment and allocation of BWDB's O&M budget for 100% of completed project schemes	<input type="checkbox"/>	Text	Value	Compliance to need-based O&M assessment and allocation of BWDB's O&M budget	Not yet. This is the final stages of the PSM cycle. Most of the schemes (32) are just finalizing the engineering design and beginning implementation	100% of project schemes completed
			Date	01-Jul-2011	29-Nov-2012	
			Comments		The project is in the WMO mobilization stage and does not yet have a measurable outcome	
Compliance to participatory monitoring system in 100% of completed project schemes	<input type="checkbox"/>	Text	Value	WMO compliance to participatory monitoring system	Not started yet. Will only begin in final years of project.	80% of WMOs in completed project schemes
			Date	01-Jul-2011	29-Nov-2012	30-Jun-2015
			Comments		The project is in the WMO mobilization stage and does not yet have a measurable outcome	
BWDB's institutional reform plan completed by June 2011 and approved by December 2011	<input type="checkbox"/>	Text	Value	Not applicable	Draft Report on BWDB Organization setup and skill mix submitted on 5 September 2012; Draft report	BWDB's institutional reform plan completed by June 2011 and approved by December 2011

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					on career planning submitted on 15 October 2012	
			Date	01-Jul-2011	29-Nov-2012	30-Dec-2011
			Comments			
Following BWDB's approved institutional reform plan, new staffing plan completed and approved by June 2012	<input type="checkbox"/>	Text	Value	Not applicable	In process	HRD plan completed by December 2012
			Date	01-Jul-2011	29-Nov-2012	31-Dec-2012
			Comments			
Following Intermediate Indicator (5) and (6), HRD plan completed by December 2011	<input type="checkbox"/>	Text	Value	NA	In process	100% of target
			Date	01-Jul-2011	29-Nov-2012	30-Jun-2012
			Comments			
Updated NWRD database with enhanced data layers completed and disseminated	<input type="checkbox"/>	Text	Value	NWRD prepared in 2001 with 421 data layers and currently it consists of 824 data layers.	Completed	100% completion
			Date	31-Mar-2008	29-Nov-2012	30-Jun-2015
			Comments			
WARPO's institutional reform plan completed by June 2011 and approved by December 2011	<input type="checkbox"/>	Text	Value	Not applicable	Draft Final Report on Strengthening of Organization and institutional Development submitted	Completion by December 2011
			Date	01-Jul-2011	29-Nov-2012	30-Jun-2015
			Comments		Additional institution building activities agreed to after restructuring. Awaiting TORs.	
Successful completion of flood damage rehabilitation and improvement in 100% of target	<input type="checkbox"/>	Text	Value	NA	48 contracts completed and 10 substantially completed	100% of targeted project schemes completed
			Date	01-Jul-2011	29-Nov-2012	30-Jun-2013
			Comments	Total identified 90 contracts under this component	79 contracts awarded	

**Data on Financial Performance (as of 28-Nov-2012)**

**Financial Agreement(s) Key Dates**

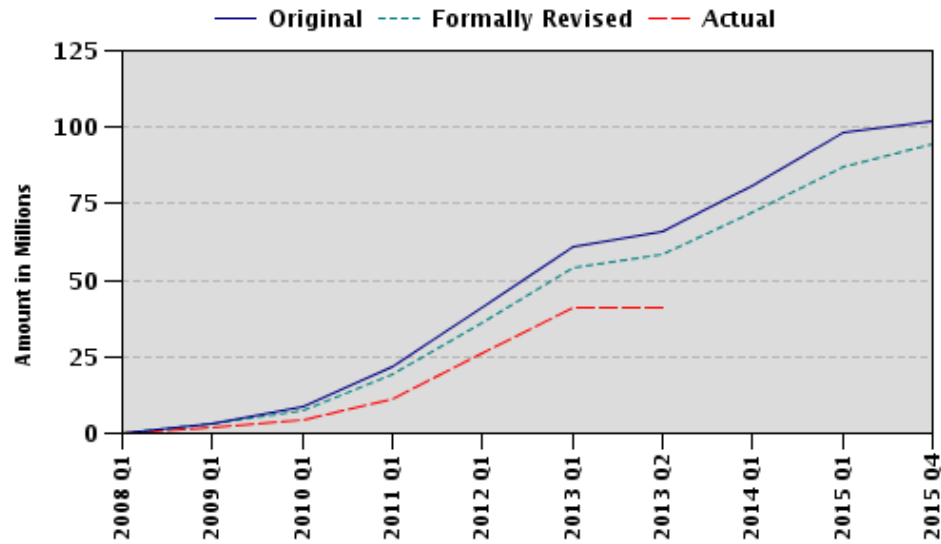
Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P040712	IDA-43590	Effective	18-Sep-2007	08-Oct-2007	26-Nov-2007	30-Jun-2015	30-Jun-2015
P040712	TF-94800	Effective	08-Oct-2007	08-Oct-2007	26-Nov-2007	30-Jun-2015	30-Jun-2015

**Disbursements (in Millions)**



Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P040712	IDA-43590	Effective	USD	102.26	94.18	8.08	38.09	58.09	40.00
P040712	TF-94800	Effective	USD	20.00	20.00	0.00	2.65	17.35	13.00

**Disbursement Graph**



**Key Decisions Regarding Implementation**

None

**Restructuring History**

Level one Approved on 15-Jul-2011

**Related Projects**

There are no related projects.