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Implementation Status & Results

Nicaragua

NI Greater Managua Water and Sanitation (PRASMA) (P110092)

Operation Name: NI Greater Managua Water and Sanitation (PRASMA) (P110092) | Project Stage: Implementation | Seq.No: 11 | Status: ARCHIVED | Archive Date: 12-Apr-2013

Country: Nicaragua | Approval FY: 2009

Product Line: IBRD/IDA | Region: LATIN AMERICA AND CARIBBEAN | Lending Instrument: Specific Investment Loan

Implementing Agency(ies): ENACAL

Key Dates

Board Approval Date	16-Dec-2008	Original Closing Date	28-Feb-2014	Planned Mid Term Review Date	10-Oct-2011	Last Archived ISR Date	23-Dec-2012
Effectiveness Date	11-May-2009	Revised Closing Date	28-Feb-2014	Actual Mid Term Review Date	26-Sep-2011		

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project's Development Objective is to increase access to reliable* water and sanitation services to the population of the greater Managua region.

***Reliable water is defined as piped potable water with adequate pressure and continuity of at least 16 hours per day, 7 days per week.**

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

○ Yes ◉ No

Component(s)

Component Name	Component Cost
Coverage Extension and Improvement for WSS in Low-Income Neighborhoods	20.00
Improvement of Water Supply and Efficiency in Selected Areas	15.00
Institutional Strengthening and Project Monitoring and Evaluation	5.00

Overall Ratings

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

Implementation Status Overview

The Project's implementation has continued to advance since the last supervision mission (September 2012), however progress on key procurement processes has not been as fast as expected and important challenges remain for 2013. ENACAL and the Bank team have committed to work together to accelerate these procurement processes as soon as possible.

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The Project is scheduled to close in early 2014, and a possible extension of closing date will be discussed with the Bank, Enacal and the Ministry fo Finance as soon as key contracts of the Project are formalized, in order have a precise clarity of the implementation time needed. In parallel to this time constraint, the Project also faces a budget restriction due to the fact that certain procurement processes obtained much higher bids than the estimated costs. The Bank team reviewed the Project portfolio during the mission and, in order to preserve funds for the most essential activities, agreed on the elimination of certain processes (namely, the strategic study for Managua Water Sources, supervision of works (which will be directly carried out by Enacal, with support from specialized individual consultants) and sewerage works in Zona 7 were eliminated, along with minor goods purchases and communications activities.

In terms of general Project implementation, as of January 2013, US$ 25.43 M had been disbursed and documented with the Bank, and the disbursement rate was of 59.85% for the Grant and 68.74% for the Credit. The disbursements are expected to peak up as soon as key procurement processes are adjudicated.

Locations

Country	First Administrative Division	Location	Planned	Actual
Nicaragua	Departamento de Managua	Tipitapa		
Nicaragua	Departamento de Managua	Managua		
Nicaragua	Departamento de Managua	Ciudad Sandino		

Results

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Number of additional beneficiaries with access to reliable water supply in the targeted neighborhoods.	☐	Number	Value	0.00		150000.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments		N/A. Update pending receipt of DANF report for 2012. scope: Todo Managua	This indicator will be measured by an ex-post survey at the end of the project. This indicator is likely to change given the changein budget to the project.
Number of additional beneficiaries with access to improved sanitation services in the targeted neighborhoods.	☐	Number	Value	0.00	21462.00	120000.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments		The reduction in the value with respect to the previous calculation is due to the fact that this calculation counts only those connections built and which households connected to (with a current connection rate estimated at	This indicator will be measured by an ex-post survey at the end of the project.This indicator is likely to change given the change in budget to the project.

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					only 50% but expected to rise), rather than just connections built. Scope: 27 barrios + Bello Amanecer + Lomas de Guadalupe	
Increased ENACAL's cost recovery ratio.	☐	Number	Value	0.81	0.62	1.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments			

Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
New piped household water connections that are resulting from the project intervention	☒	Number	Value	0.00	12776.00	1410.00
			Date		31-Jan-2013	28-Feb-2014
			Comments		Scope of Indicator 1.1 (new and rehabilitated) is 27 barrios and does not include the 1500 rehabilitated connections from Camino deBolas. This core indicator for new connections therefore equals indicator 1.1, as there are currently no rehabilitated connections financed by the Project in the 27 barrios.	
Piped household water connections that are benefiting from rehabilitation works undertaken by the project	☒	Number	Value	0.00	1500.00	8949.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments		Rehabilitated connections are from the Camino de Bolas emergency project (corresponding to 6000 beneficiaries).	
Number of water utilities that the project is supporting	☒	Number	Value	1.00	1.00	1.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments		ENACAL (PIU) is the water utility supported.	
1.1 Number of additional new or rehabilitated water connections in the targeted neighborhoods.	☐	Number	Value	0.00	12776.00	15000.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments		scope 27 barrios	Given the case of misprocurement and

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						cancellation of works in the 9 neighborhoods, ENACAL estimates that with the work done in Ciudad Sandino, about 10,300 new connections will be established for water.
1.2 Number of additional new or rehabilitated sewer connections in the targeted neighborhoods.	☐	Number	Value	0.00	17406.00	30000.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments		Scope: 27 barrios + Bello Amanecer + Lomas de Guadalupe	Given the case of misprocurement and cancellation of works in the 9 neighborhoods, ENACAL estimates that with the work done in Ciudad Sandino, about 21,700 new connections will be established for sanitation. This end target value may need to be changed at MTR.
1.3 Percentage of beneficiaries in low-income settlements.	☐	Percentage	Value		80.00	50.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments	Not applicable	Scope: 27 barrios + Bello Amanecer + Lomas de Guadalupe	
2.1 Number of connections in targeted neighborhoods with at least 16 hours of daily service.	☐	Number	Value	123280.00		40000.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments	Number revised by PIU during May 2012 supervision mission	NA. Updated value is pending submission of DANF report for 2012. Scope: zonas 1 y 2	
2.2 Increase in percentage of operational micro-metering in the targeted neighborhoods.	☐	Percentage	Value	14.00	14.00	70.00
			Date	14-Nov-2008	31-Jan-2012	28-Feb-2014
			Comments	Note: because Project Restructuring will change this indicator to 'volume of water measured' (in order to simplify the indicator and improve its accuracy), this baseline value will also change, to approximately 25,529,440 m3.	Not updated - To simplify calculation and improve indicator accuracy, this indicator will be changed to 'volume of water measured'during Project Restructuring. Current volume of water measured (per semester) is 40,853,099m3.	This target will also be modified following Project Restructuring.

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					(Note: indicator scope is all of Managua).	
2.3 Increasing the percentage of tariff collection in the targeted neighborhoods.	☐	Percentage	Value	44.00	57.00	90.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments	Baseline value has been changed as original value was not calculated using an appropriate methodology. Baseline value updated at MTR (prior to the connection of meters) is calculated as the average of the ratio of revenue over billing between January 2011 and July 2011. This adjustment will be addressed in Project Restructuring.	Note: indicator scope is the 27 neighbourhoods	
2.4 The number of illegal connections registered in participating settlements in the targeted neighborhoods.	☐	Number	Value	0.00	11574.00	15000.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments		Note: indicator scope is all of Managua Large increase from previous value is due to the fact that indicator scope previously was mistakenly taken to be 27 barrios, whereas it is all of Managua according to the PAD	
3.1 Advancements in the execution of the different components of PRASMA and its impact on ENACAL's Institutional Development Plan.	☐	Percentage	Value	0.00	58.48	100.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments			
3.2 Timely presentation of progress reports.	☐	Number	Value	0.00	3.00	4.00
			Date	14-Nov-2008	31-Jan-2013	28-Feb-2014
			Comments			

Data on Financial Performance (as of 17-Dec-2012)

Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P110092	IDA-45270	Effective	16-Dec-2008	21-Jan-2009	11-May-2009	28-Feb-2014	28-Feb-2014

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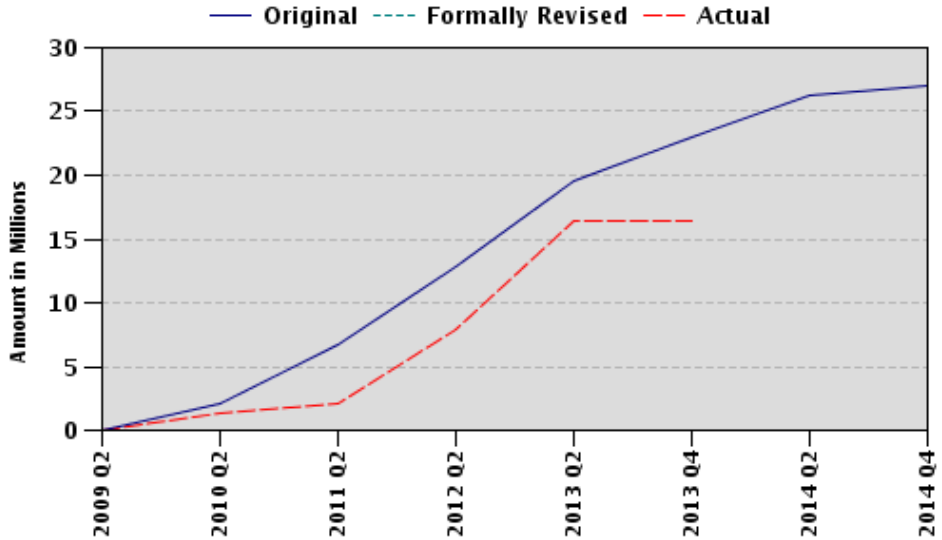
Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P110092	IDA-H4300	Effective	16-Dec-2008	21-Jan-2009	11-May-2009	28-Feb-2014	28-Feb-2014

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P110092	IDA-45270	Effective	XDR	13.50	12.23	1.27	8.41	3.82	69.00
P110092	IDA-H4300	Effective	XDR	13.50	13.40	0.10	8.02	5.38	60.00

Disbursement Graph



Key Decisions Regarding Implementation

Finalize key bidding processes.

Restructuring History

There has been no restructuring to date.

Related Projects

There are no related projects.

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