



Operation Number: **HA-L1044**  
Year- PMR Cycle: **First period Jan-Jun 2014**  
Last Update: **10/29/2014**  
PMR Validation Stage: **Validated by Country Representative**

Chief of Operations validation date: **10/30/2014**  
Division Chief validation date: **10/31/2014**  
Country Representative validation date: **11/03/2014**

Inter-American Development Bank - IDB  
Office of Strategic Planning and Development Effectiveness

## Operation Profile

### Basic Data

Operation name:	Port-au-Prince Water and Sanitation Project	Loan Number:	2351/GR-HA
Executing Agency (EA):	MINISTERE DE TRAVAUX PUBLICS, TRANSPORTS , ENERGIE ET COMMUNICATIONS		
Team Leader:	Delaunay,Thierry	Sector/Subsector:	AS
Operation Type:	Loan Operation	Overall Stage:	Disbursing (From eligibility until all the loans are closed).
Operation Subtype:	Specific Investment Operation	Country:	HAITI
Lending Instrument:	Investment Loan	Convergence related Operation(s):	HA-X1021
Borrower:	REPUBLIQUE D' HAITI		

### Total Cost and Source

	Original IDB	Current Active IDB	Local Counterpart	Co-Financing/Country	Total operation cost - Original Estimate
Aggregated	\$50,000,000.00	\$50,000,000.00	\$0.00	\$0.00	\$50,000,000.00
HA-L1044	\$15,000,000.00	\$15,000,000.00	\$0.00	\$0.00	\$15,000,000.00
HA-X1021	\$35,000,000.00	\$35,000,000.00	\$0.00	\$0.00	\$35,000,000.00

### Available Funds (US\$)

	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Balance
Aggregated	\$15000000.00	12830761.34	85.54%	\$2169238.66
HA-L1044	\$15,000,000.00	\$12,830,761.34	85.54%	\$2,169,238.66
HA-X1021	\$0.00	\$0.00		\$0.00

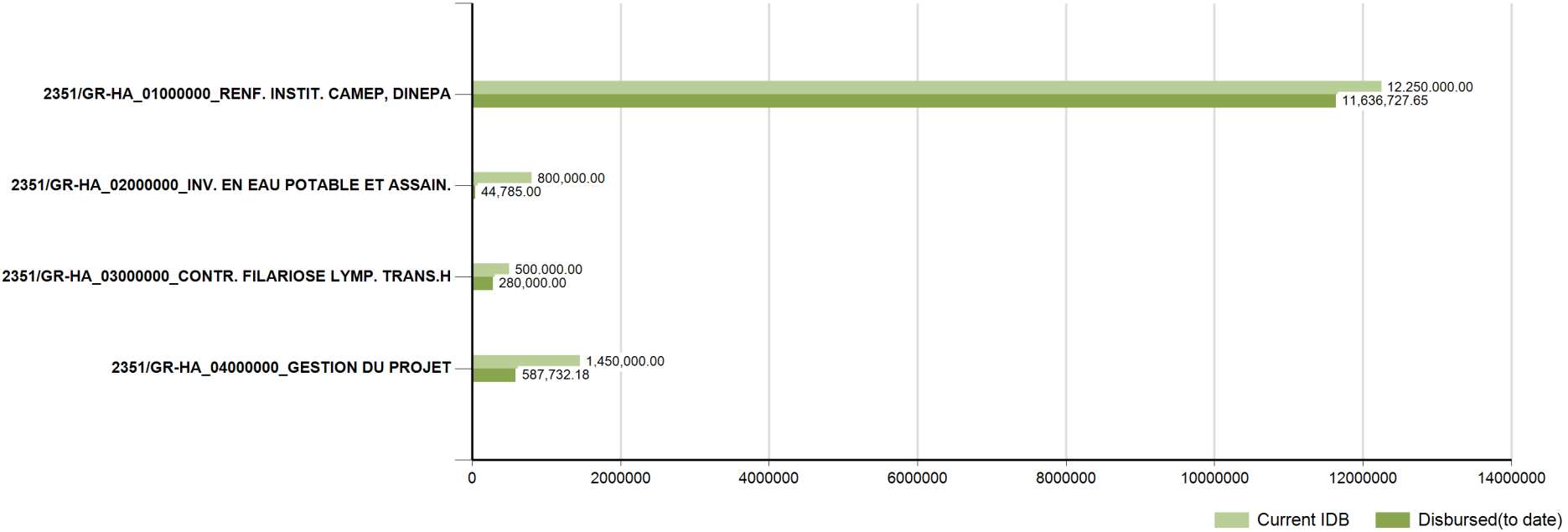
### Environmental and Social Safeguards

Main Operation	
Impacts Category:	B
Safeguard Performance Rating:	Partially Satisfactory
Safeguard Performance Rating - Rationale:	

### Reformulation Information

	Main Operation	Oper. HA-X1021
Was/Were the objective(s) of this operation reformulated?	NO	NO
Date of approval:		

Expense Categories by Loan Contract (cumulative values)



## Results Matrix

## Impacts

No information related to this operation.

## Outcomes

Outcome:		1 Financial performance of the operator improved													
Observation:															
Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	2011		2012	2013	2014	2015	2016	EOP
1.1 Total annual operational revenues/Total annual operating costs								P	0.20	0.70					1.00
								P(a)	0.20	0.70				1.00	
								A	0.61	0.80	0.71				
1.2 Households with regularized individual water connections in Port-au-Prince								P			7,000.00	5,000.00	2,000.00		14,000.00
								P(a)			7,000.00	5,000.00	2,000.00		18,461.00
								A			11,461.00	4,687.00			
Outcome:		2 Revenue collection of the operator improved													
Observation:															
Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	2011		2012	2013	2014	2015	2016	EOP
2.1 Collection rate (percentage of people paying their water bills)								P	45.00	60.00					70.00
								P(a)	45.00	60.00				70.00	
								A	70.00	73.00	0.65				
Outcome:		3 Labor costs decreased													
Observation:															
Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	2011		2012	2013	2014	2015	2016	EOP
3.1 Personnel costs as a percentage of annual operational costs								P	50.00	50.00					30.00
								P(a)	50.00	50.00				30.00	
								A	48.00	44.00	45.00				
3.2 Staff per thousand connections								P	21.00	20.00					10.00
								P(a)	21.00	20.00		11.50	11.00	10.00	10.00
								A	19.60	15.74	12.90	12.04			
Outcome:		4 Quality of water service improved													
Observation:															
Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	2011		2012	2013	2014	2015	2016	EOP
4.1 Existing households with continuous								P	30,000.00	30,000.00					30,000.00
								P(a)	30,000.00	30,000.00		48,000.00	50,000.00		50,000.00

access to quality water		households	0.00	2010	continuity of service to existing registered users from CAMEP (survey of HH)		A	2,000.00	35,000.00	42,794.00	45,480.00			
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Outcome:	5 Sanitation solutions implemented													
Observation:														

Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	2011	2012	2013	2014	2015	2016	EOP
5.1 New households using hygienic sanitation facilities		Households	0.00	2010	Household surveys of sanitary block usage		P	0.00					0.00
							P(a)	0.00		0.00	0.00	0.00	0.00
							A			0.00	0.00		

Outcome:	6 Geo-helminths in Port-au-Prince controlled													
Observation:														

Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	2011	2012	2013	2014	2015	2016	EOP
6.1 Prevalence of the Geo-helminths in Port-au-Prince		%	25.00	2010	Annual report of the Ministry of Public Health/Special survey provided by SPH division		P	25.00	25.00				10.00
							P(a)	25.00	25.00				10.00
							A	25.00		8.00			

## Outputs: Annual Physical and Financial Progress

Institutional Strengthening of CAMEP and DINEPA		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2014	EOP		2014	EOP
Administration system operating according to standards specified in guidelines.manuals	system	P	0.00	0.00	P	1,885,000.00	3,879,000.00
		P(a)	0.00	1.00	P(a)	1,997,476.00	5,362,476.00
		A	0.00	0.00	A	572,200.00	2,837,200.00
Commercial system operating according to standards specified in guidelines/manuals	system	P	0.00	0.00	P	3,000,000.00	4,490,000.00
		P(a)	0.00	1.00	P(a)	800,000.00	3,663,529.00
		A	0.00	0.00	A	400,000.00	1,903,000.00
Master plans successfully developed	Master plans	P	0.00	2.00	P	964,000.00	3,700,000.00
		P(a)	0.00	2.00	P(a)	72,789.00	2,238,789.00
		A	0.00	2.00	A	112,320.00	2,278,320.00
Formal training and transfer of knowledge of CAMEP staff completed	Hours	P	5,000.00	22,292.00	P	297,000.00	1,100,000.00
		P(a)	2,000.00	29,329.00	P(a)	400,000.00	3,700,927.00
		A	2,768.00	25,097.00	A	200,000.00	2,553,000.00
Accounting system operating according to standards specified in guidelines/manuals	system	P	0.00	0.00	P	1,000,000.00	2,550,000.00
		P(a)	0.00	1.00	P(a)	600,000.00	2,032,549.00
		A	0.00	0.00	A	368,872.00	1,658,872.00
System with Operation and Maintenance performed	system	P	1.00	5.00	P	1,741,000.00	6,999,531.00
		P(a)	1.00	5.00	P(a)	1,900,000.00	6,707,176.00
		A	1.00	4.00	A	947,780.00	5,111,311.00
Potable water and sanitation investments		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2014	EOP		2014	EOP
Wells and sources rehabilitated	Wells and sources	P	1.00	21.00	P	1,655,000.00	3,049,785.00
		P(a)	1.00	29.00	P(a)	1,600,000.00	9,120,762.00
		A	0.00	23.00	A	412,250.00	1,987,035.00
Water kiosks operating	water kiosks	P	50.00	200.00	P	500,000.00	2,180,000.00
		P(a)	0.00	61.00	P(a)	600,000.00	1,790,932.00
		A	0.00	61.00	A	303,120.00	1,113,120.00
Households with new individual water connections installed in Port-au-Prince	Hogares	P	500.00	2,622.00	P	5,525,000.00	16,650,000.00
		P(a)	150.00	2,793.00	P(a)	50,000.00	6,249,873.00
		A	499.00	2,492.00	A	567,470.00	4,317,470.00
Households with sanitation solutions installed	Hogares	P	0.00	6.00	P	0.00	250,000.00
		P(a)	0.00	0.00	P(a)	0.00	0.00
		A	0.00	0.00	A	0.00	0.00
Macro meters installed	Macro meters	P		78.00	P	15.00	250,030.00
		P(a)	2.00	40.00	P(a)	262,887.00	597,887.00
		A	0.00	34.00	A	242,970.00	577,970.00
Water leaks repaired	Water leaks	P	50.00	1,620.00	P	1,000,000.00	5,650,000.00
		P(a)	50.00	1,720.00	P(a)	0.00	1,537,232.00
		A	0.00	1,640.00	A	0.00	1,537,232.00
Households with new individual water connections installed in Ouanaminthe	Hogares	P	1,000.00	1,768.00	P	3,111,000.00	7,011,106.00
		P(a)	0.00	1,768.00	P(a)	1,200,000.00	5,000,000.00
		A	0.00	768.00	A	1,327,350.00	3,266,456.00
Control of soil transmitted helminthes		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2014	EOP		2014	EOP
Dietilcarbamacine and Albendazol distributed	Dosages	P	75,000.00	200,000.00	P	250,000.00	560,000.00
		P(a)	75,000.00	282,700.00	P(a)	140,000.00	500,000.00
		A	0.00	157,700.00	A	140,000.00	280,000.00
Other							

Other Cost		2014	Cost
Project administration expenses	P	\$870,000.00	\$3,399,796.00
	P(a)	\$90,000.00	\$1,497,868.00
	A	\$40,000.00	\$1,208,796.00
Total Cost		2014	Total Cost
	P	\$21,798,015.00	\$61,719,248.00
	P(a)	\$9,713,152.00	\$50,000,000.00
	A	\$5,634,332.00	\$30,629,782.00

Changes to the Matrix

Section	Name	Type of Change	Reasons	Entered in the System	Agreed with Executing Agency
Output	Households with new individual water connections installed in Port-au-Prince	Modify Physical P(a) value	Erreur de reporting en 2013. Erreur expliquée par le TL à SPD. Explication acceptée par SPD et correction faite par SPD (voir IDBDOC#39191011).	10/29/2014	10/27/2014