



Operation Number: **HA-L1044**  
Year- PMR Cycle: **Second period Jan-Dec 2015**  
Last Update: **3/21/2016**  
PMR Validation Stage: **Validated by Representative**

Chief of Operations validation date: **03/30/2016**  
Division Chief validation date: **03/30/2016**  
Country Representative validation date: **03/30/2016**

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:	Matthieussent Romain,Sarah C.	Sector/Subsector:	AS
Operation Type:	Loan Operation	Overall Stage:	Disbursing (From eligibility until all the loans are closed).
Lending Instrument:	Investment Loan	Country:	HAITI
Borrower:	REPUBLIQUE D' HAITI	Convergence related Operation(s):	HA-X1021

### 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	14217921.84	94.79%	\$782078.16
HA-L1044	\$15,000,000.00	\$14,217,921.84	94.79%	\$782,078.16
HA-X1021	\$0.00	\$0.00		\$0.00

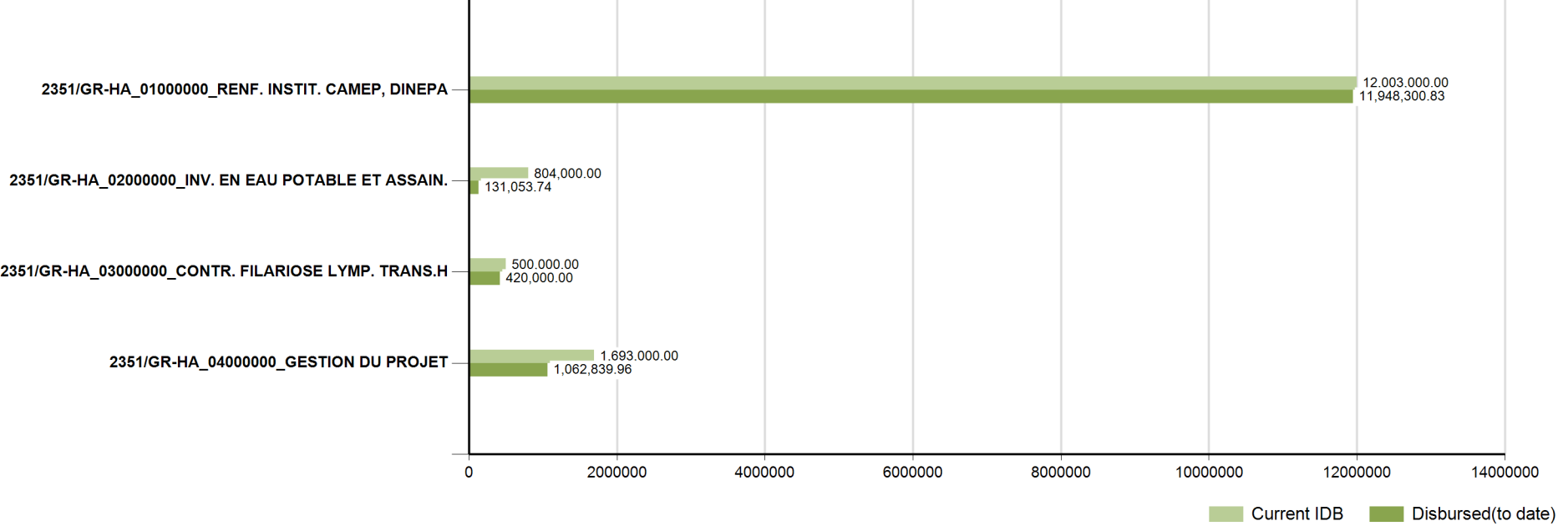
### Environmental and Social Safeguards

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:														
							2011	2012	2013	2014	2015	2016	EOP	
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations								
1.1 Total annual operational revenues/Total annual operating costs		ratio	0.00	2010	Audited financial statements of CAMEP		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		Households	0.00	2010	Tableau de bord mensuel du CTE		P			7,000.00	5,000.00	2,000.00		14,000.00
	P(a)								7,000.00	5,000.00	2,000.00	1,250.00	18,461.00	
	A								11,461.00	3,480.00	731.00			
Outcome:	2 Revenue collection of the operator improved													
Observation:														
							2011	2012	2013	2014	2015	2016	EOP	
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations								
2.1 Collection rate (percentage of people paying their water bills)		percentage	42.00	2010	External audit report of CAMEP and financial statements		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:														
							2011	2012	2013	2014	2015	2016	EOP	
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations								
3.1 Personnel costs as a percentage of annual operational costs		Percentage	50.00	2010	External audit report of CAMEP		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		Employees / 1,000 connections	21.00	2010	External audit report of CAMEP		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	11.27			
Outcome:	4 Quality of water service improved													
Observation:														

Outcome:	1 Financial performance of the operator improved													
Observation:														
							2011	2012	2013	2014	2015	2016	EOP	
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations								
1.1 Total annual operational revenues/Total annual operating costs		ratio	0.00	2010	Audited financial statements of CAMEP		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		Households	0.00	2010	Tableau de bord mensuel du CTE		P			7,000.00	5,000.00	2,000.00		14,000.00
	P(a)								7,000.00	5,000.00	2,000.00	1,250.00	18,461.00	
	A								11,461.00	3,480.00	731.00			
Outcome:	2 Revenue collection of the operator improved													
Observation:														
							2011	2012	2013	2014	2015	2016	EOP	
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations								
2.1 Collection rate (percentage of people paying their water bills)		percentage	42.00	2010	External audit report of CAMEP and financial statements		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:														
							2011	2012	2013	2014	2015	2016	EOP	
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations								
3.1 Personnel costs as a percentage of annual operational costs		Percentage	50.00	2010	External audit report of CAMEP		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		Employees / 1,000 connections	21.00	2010	External audit report of CAMEP		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	11.27			
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 access to quality water			households	0.00	2010	Evaluation of quality and continuity of service to existing registered users from CAMEP (survey of HH)		P	30,000.00	30,000.00				30,000.00
								P(a)	30,000.00	30,000.00		48,000.00	49,000.00	49,394.00
		A						2,000.00	35,000.00	42,794.00	45,480.00	45,884.00		
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
		A								0.00	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				
		A						25.00		8.00				



Institutional Strengthening of CAMEP and DINEPA		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2015	EOP		2015	EOP
Administration system operating according to standards specified in guidelines.manuals	system	P	0.00	0.00	P	679,000.00	3,879,000.00
		P(a)	1.00	1.00	P(a)	766,336.00	3,937,200.00
		A	1.00	1.00	A	725,860.00	3,896,724.00
Commercial system operating according to standards specified in guidelines/manuals	system	P	0.00	0.00	P	637,000.00	4,490,000.00
		P(a)	1.00	1.00	P(a)	1,360,529.00	3,263,529.00
		A	1.00	1.00	A	181,947.00	2,084,947.00
Master plans successfully developed	Master plans	P	0.00	2.00	P	0.00	3,700,000.00
		P(a)	0.00	2.00	P(a)	0.00	2,342,480.00
		A	0.00	2.00	A	0.00	2,342,480.00
Formal training and transfer of knowledge of CAMEP staff completed	Hours	P	2,000.00	22,292.00	P	200,000.00	1,100,000.00
		P(a)	2,110.00	28,800.00	P(a)	947,927.00	2,553,000.00
		A	1,581.00	28,800.00	A	0.00	2,553,000.00
Accounting system operating according to standards specified in guidelines/manuals	system	P	0.00	0.00	P	700,000.00	2,550,000.00
		P(a)	1.00	1.00	P(a)	142,549.00	1,731,722.00
		A	1.00	1.00	A	72,850.00	1,731,722.00
System with Operation and Maintenance performed	system	P	1.00	5.00	P	0.00	6,999,531.00
		P(a)	1.00	5.00	P(a)	83,735.00	5,750,381.00
		A	1.00	5.00	A	79,160.00	5,750,381.00
Potable water and sanitation investments		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2015	EOP		2015	EOP
Wells and sources rehabilitated	Wells and sources	P	1.00	21.00	P	0.00	3,049,785.00
		P(a)	1.00	29.00	P(a)	2,510,872.00	9,131,246.00
		A	1.00	24.00	A	1,167,042.00	3,737,140.00
Water kiosks operating	water kiosks	P	50.00	200.00	P	420,000.00	2,180,000.00
		P(a)	0.00	61.00	P(a)	116,779.00	1,494,052.00
		A	0.00	61.00	A	0.00	1,377,273.00
Households with new individual water connections installed in Port-au-Prince	Hogares	P	300.00	2,622.00	P	3,525,000.00	16,650,000.00
		P(a)	150.00	5,706.00	P(a)	2,014,660.00	10,288,622.00
		A	253.00	5,206.00	A	935,484.00	5,368,499.00
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)	6.00	46.00	P(a)	0.00	577,970.00
		A	0.00	34.00	A	0.00	577,970.00
Water leaks repaired	Water leaks	P	30.00	1,620.00	P	1,450,000.00	5,650,000.00
		P(a)	30.00	1,670.00	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		1,768.00	P		7,011,106.00
		P(a)	700.00	1,768.00	P(a)	1,466,574.00	5,127,350.00
		A	473.00	1,541.00	A	580,193.00	4,240,969.00
Control of soil transmitted helminthes		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2015	EOP		2015	EOP
Dietilcarbamacine and Albendazol distributed	Dosages	P	50,000.00	200,000.00	P	110,000.00	560,000.00
		P(a)	50,000.00	282,700.00	P(a)	140,000.00	500,000.00
		A	50,000.00	282,700.00	A	140,000.00	420,000.00
Other							

Other Cost		2015	Cost
Project administration expenses	P	\$746,000.00	\$3,399,796.00
	P(a)	\$81,792.00	\$1,765,216.00
	A	\$349,140.00	\$1,715,216.00
Total Cost		2015	Total Cost
	P	\$8,467,015.00	\$61,719,248.00
	P(a)	\$9,631,753.00	\$50,000,000.00
	A	\$4,231,676.00	\$37,333,553.00

### 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 Financial P(a) value	Conformément au POA révisé avec le CTE.	3/18/2016	3/1/2016
Output	Wells and sources rehabilitated	Modify Financial P(a) value	Conformément au POA révisé avec le CTE.	3/18/2016	3/1/2016
Output	System with Operation and Maintenance performed	Modify Financial P(a) value	Conformément au POA révisé avec le CTE	3/18/2016	3/1/2016
Output	Accounting system operating according to standards specified in guidelines/manuals	Modify Financial P(a) value	Conformément au POA révisé avec le CTE.	3/18/2016	3/1/2016
Output	Formal training and transfer of knowledge of CAMEP staff completed	Modify Financial P(a) value	Conformément au POA révisé avec le CTE.	3/18/2016	3/1/2016
Output	Households with new individual water connections installed in Port-au-Prince	Modify Physical P(a) value	Conforme au plan d'affaire du CTE révisé en mars 2016 (IDBDOC#40172972).	3/18/2016	3/1/2016

Please note that the Overall Stage represents the stage of the operation at the time of this report's publication, which might not necessarily match the stage of the operation during the PMR Cycle to which the report pertains.