



Tunisia Northern Tunis Wastewater Project (P117082)

MIDDLE EAST AND NORTH AFRICA | Tunisia | Water Global Practice |
IBRD/IDA | Specific Investment Loan | FY 2010 | Seq No: 12 | ARCHIVED on 18-Nov-2015 | ISR21350 |

Implementing Agencies: Office National de l'Assainissement (ONAS), Office National de l'Assainissement (ONAS)

Key Dates

Key Project Dates

Bank Approval Date:17-Jun-2010

Effectiveness Date:14-Apr-2011

Planned Mid Term Review Date:14-Feb-2014

Actual Mid-Term Review Date:06-Feb-2014

Original Closing Date:31-Dec-2015

Revised Closing Date:30-Jun-2017

Project Development Objectives

Tunisia Northern Tunis Wastewater Project (P117082)

Project Development Objective (from Project Appraisal Document)

The project development objectives of the Project are to: (a) provide an environmentally safe disposal system for the treated wastewater which will not be reused in agriculture in the North of Tunis; and (b) increase the quantity and quality of treated wastewater made available to farmers to encourage its reuse in agriculture in the Borj Touil area.

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

No

TN-GEF Northern Tunis Wastewater Project (P118131)

Global Environmental Objective (from Project Appraisal Document)

The global environmental objective of this project - a part of the SUSTAINABLE Med Program - is to support increasing the reuse of treated wastewater in agriculture, thereby reducing treated wastewater discharge from Greater Tunis into the Gulf of Tunis, an environmentally sensitive area of the Mediterranean Sea.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Part A: transfer of treated wastewater (TWW) to increase its reuse in agriculture:(Cost \$11.00 M)

Part B: improvement of the discharge of the remaining TWW in the Mediterranean Sea:(Cost \$37.50 M)



Part C: monitoring and capacity strengthening:(Cost \$4.50 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Unsatisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Unsatisfactory
Overall Risk Rating	● Substantial	● High

Implementation Status and Key Decisions

All works have started on the ground portion and are progressing satisfactorily, namely activities financed under GEF Grant, including wastewater reuse pilot which was initiated in April 2015. GEF grant is scheduled to close on December 31, 2015.

However, ONAS is still evaluating bids received for the submarine outfall, more than one-year after bid opening. The Bank has initiated high-level discussions to ensure swift conclusion of evaluation process. ONAS has requested, and Bank review has confirmed, need for additional financing, which is currently being processed, pending satisfactory conclusion of bid evaluation process.

Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators



► Volume (in m3 per annum) of TWW reused in the Borj Touil irrigation perimeter (Cubic Meter(m3), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3000000.00	5400000.00	5400000.00	9000000.00
Date	03-May-2010	31-Dec-2012	31-Dec-2012	30-Jun-2017

► Percentage of samples of TWW made available for irrigation complying with the Tunisian norm NT106.03 for BOD5 (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00
Date	03-May-2010	31-Mar-2015	30-Sep-2015	30-Jun-2017

► Percentage of seawater samples meeting the norm NT106.02 in terms of fecal coliforms in the surrounding of the outfall (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	95.00
Date	03-May-2010	31-Mar-2015	30-Sep-2015	30-Jun-2017

► Percentage of TWW (not reused in the irrigation) from Northern Tunis WWTP discharged at the submarine outfall (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	03-May-2010	31-Mar-2015	30-Sep-2015	30-Jun-2017

Overall Comments

Global Environmental Objective Indicators



► Volume (in m3 per annum) of TWW reused in the Borj Touil irrigation perimeter (Cubic Meter(m3), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3000000.00	5400000.00	5400000.00	9000000.00
Date	03-May-2010	13-Sep-2013	13-Sep-2013	30-Jun-2017

Overall Comments

Intermediate Results Indicators

► Volume (in m3 per year) of TWW available for potential reuse in agriculture (Cubic Meter(m3), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30000000.00
Date	03-May-2010	31-Mar-2015	30-Sep-2015	30-Jun-2017

► Volume (in m3 per year) of TWW discharged into the submarine outfall at the regulation basin (Cubic Meter(m3), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	70000000.00
Date	03-May-2010	31-Mar-2015	30-Sep-2015	30-Jun-2017

► Percentage of seawater samples complying with the Tunisian norm NT11-09 for bathing quality at Raoued beach (Fecal Coliforms) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	95.00
Date	03-May-2010	31-Mar-2015	30-Sep-2015	30-Jun-2017



► Length of pipe installed (Meter(m), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2000.00	2000.00	12000.00
Date	03-May-2010	31-Mar-2015	30-Sep-2015	30-Jun-2017

Overall Comments

Data on Financial Performance

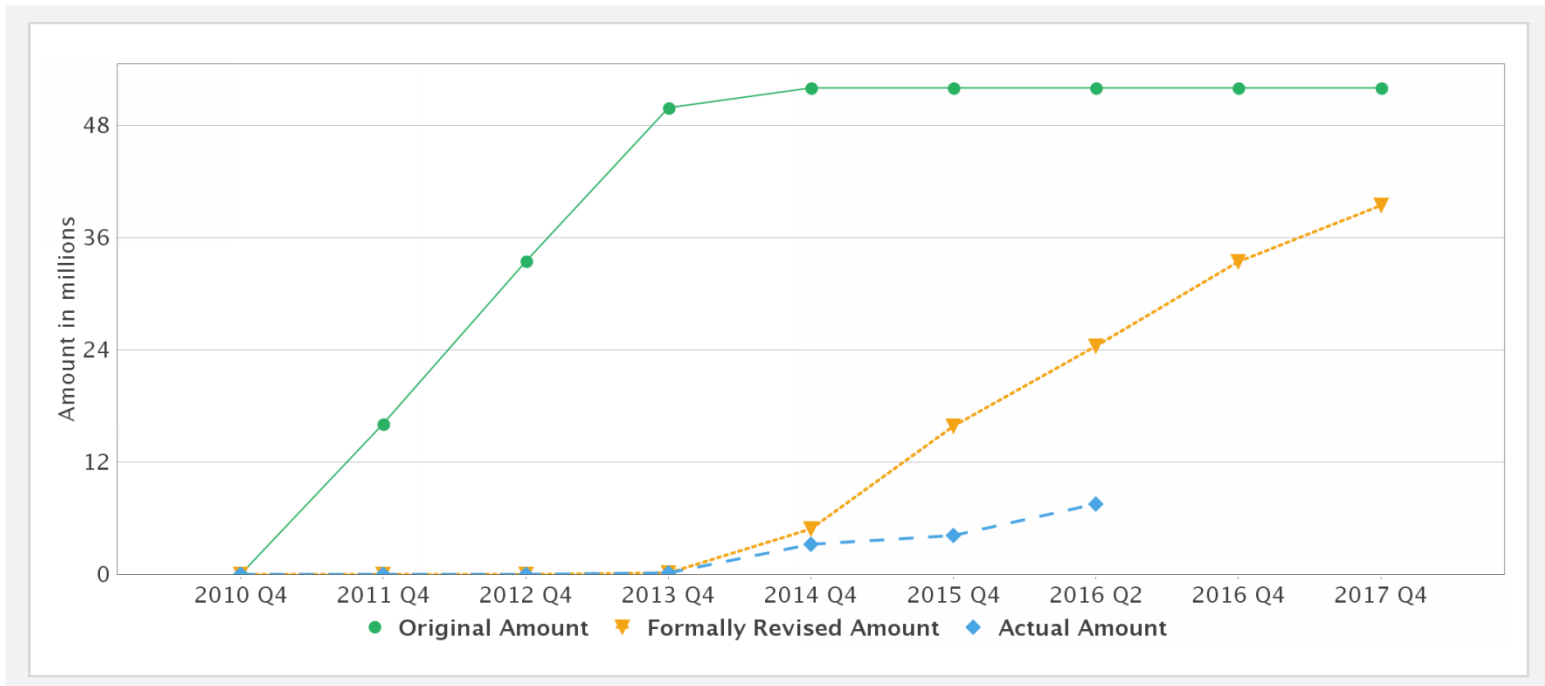
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P117082	IBRD-79170	Effective	USD	52.00	39.40	12.60	7.60	31.80	19%
P118131	TF-96891	Effective	USD	8.03	8.03	0.00	4.68	3.35	58%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P117082	IBRD-79170	Effective	17-Jun-2010	07-Oct-2010	14-Apr-2011	31-Dec-2015	30-Jun-2017
P118131	TF-96891	Effective	07-Oct-2010	07-Oct-2010	14-Apr-2011	31-Dec-2015	31-Dec-2015

Cumulative Disbursements



Restructuring History

Level 2 Approved on 02-May-2014

Related Project(s)

P118131-TN-GEF Northern Tunis Wastewater Project ,P154713-Tunisia - Northern Tunis Wastewater Project Additional Finance