CLOSE-OUT FACT SHEET

Project Name: Water Treatment Improvements
Project Location: Anthony, NM
Project Sector: Water Pollution

Certification: May-11
Construction complete: Apr-13
Close-out Report: Nov-15

The Pre-Project Conditions

The initial condition to be addressed for the project was the existence of Nitrate at Well # 4, identified by the New Mexico Enviroment Department (NMED) in March 2004. NMED issued a violation notice with an order to stop production at the site. Consequently, the project sponsor placed the well offline and increased production at the remaining sources (six wells). However, this temporary solution was flawed because of several factors, including the over-extraction of water supply at the wells beyond their ground water pumping diversion allotments and insufficient water quality which contains arsenic above the maximum contaminant level (MCL). The current EPA standard for arsenic in drinking water is 10 ppb. After drilling a new well at the Well#4 site, Nitrates were no longer present; therefore, the project was re-scoped to achieve compliant arsenic levels.

The Project Objective

The purpose of the project was to improve water quality through a Reverse Osmosis arsenic removal treatment system and the construction and rehabilitation of wells, which contributes to the reduction of the risk of water borne diseases associated with high levels of arsenic.

The Project Scope

The project consists of the construction of a drinking water treatment plant and associated water well equipment in Anthony, New Mexico.

Actual Investment: US$ (Millions)	8.7
NADB Grant: EPA BEIF	2.8
NADB Loan:	0
Other Sources:	5.9

Anticipated Investment: US$ (Millions)	At Certification	Variation
NADB Grant: EPA BEIF	2.8	-0.03
NADB Loan:	0	0
Other Sources:	6.0	-0.06
Total	8.8	-0.09

Other Sources: USDA & NMFA- Grant, Loan

Benefited population:	8,388

The Results

Outcomes	Indicators	Target	Actual (2014)
Improve acess to drinking water	Improve drinking water quality (gpm)	600	600
	Compliance with applicable regulations (ppb)	≤10	7.72

Outputs	
Reverse Osmosis Treatment Facility (gpm)	600
Construction of wells 1 and 4 and equipment at wells 3 and 6	complete
10"Transmission line (lf)	14,952

Significant project finding(s)
Improve drinking water quality within regulation requirements. Quality at 7.72 ppb of Arsenic (2014).