



MILLENNIUM
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WASTEWATER NETWORK PROJECT

FACT SHEET

Prelude

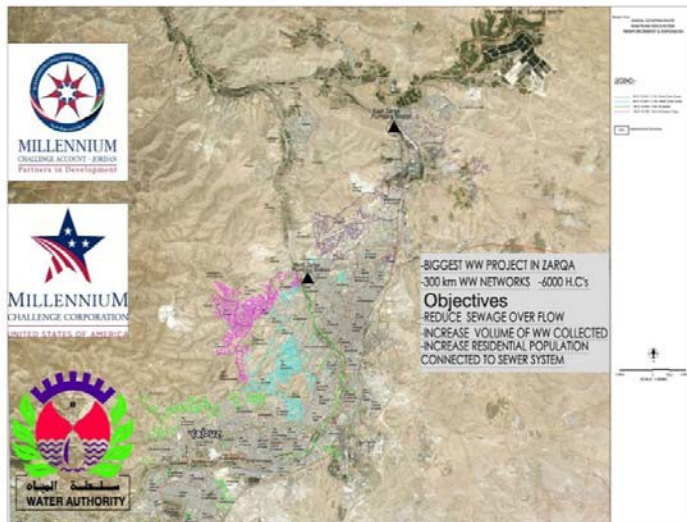
The US Government's Millennium Challenge Corporation (MCC) signed a five-year, \$275.1 million Compact with the Hashemite Kingdom of Jordan on October 25, 2010 to reduce poverty through economic growth. The Compact will increase the supply of water available to households and businesses and help improve the efficiency of water delivery, wastewater collection, and wastewater treatment in the Zarqa Governorate, northwest of the capital Amman and one of the poorest and most populated areas in the Kingdom.



Sewage overflow is a consistent problem in Zarqa Governorate

The Millennium Challenge Account-Jordan (MCA-Jordan), a company fully owned by the Government of Jordan to manage and implement the Compact's different projects, implements four contracts to execute the Wastewater Network Project, designed to expand and reinforce the wastewater network in the three major cities of Zarqa Governorate, which are: Zarqa, Russeifa and Hashemiyah.

The Wastewater Network Project



Map of the Wastewater Network Project

The last records obtained from Water Authority of Jordan (WAJ) show that the total number of subscribers for water services in 2013 is 147,633, while the number of subscribers for wastewater services is 106,629, which indicates that approximately 72% of households with water connections are sewered.

The project objectives are to:

- (i) Increase access to the wastewater network,
- (ii) Increase the volume of wastewater collected within Zarqa Governorate, and
- (iii) Reduce the incidents of sewage overflow.



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The Wastewater Network Project represents the single largest investment in wastewater infrastructure improvements for Zarqa Governorate wastewater network system. The system to be built consists of trunk mains, laterals and house connections of diameters from 150 to 1200 mm. The value of the project, including supervision services, is expected to come about 74,000,000 USD. The total length of the wastewater pipelines in the project including the proposed Princess Haya area is about 300* km with about 8000 house connections and about 130,000 potential beneficiaries.

To enhance system maintenance and design capacity, ten high pressure jetting sewage cleaners were purchased and deployed by WAJ-Zarqa (six) and WAJ-Amman (four).

As part of Wastewater Network Project, Water Authority of Jordan (WAJ) in Zarqa will be afforded a new administration building. The new building will enhance the operation and maintenance activities by placing them in the same location and creating more space for customer service.



The first beneficiary of the Wastewater Network Project



High standards of health and safety measures

The four (4) contracts providing the construction for the Wastewater Network Project are as follows:

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| 1. | <p>Contract No.1 (83- 2011) Wastewater Network for East Zarqa Zone</p> <p>Contract Location: Zarqa and Hashemiyah cities. Contract Value: 14,807,727.67 USD Contract Duration: 1185 Days. Order of Commencement: 1-11-2012 Expected end date: 30-9-2016 The work includes approximately 77 km of sewers (150 to 1200mm) and about 1600 H.C</p> <p>Progress (implemented pipelines) up to May 2016: 99%. In addition, about 55 km of implemented networks in this Contract have been allowed to public for connection and been put into operation.</p> |
| 2. | <p>Contract No.2 (84- 2011) Wastewater Network for West Zarqa Zone- Zarqa (including about 50% of PH expansion)</p> <p>Contract Location: Mostly in Zarqa city. Contract Value: 23,547,231.86 USD Contract Duration: 1215 Days. Order of Commencement: 1-11-2012 Expected end date: 30-9-2016 The work includes approximately 113 km of sewers (150 to 800mm) and about 3900 H.C</p> <p>Current Progress (implemented pipelines) up to May 2016; 99%; in addition, about 45 km of implemented networks in this Contract have been allowed to public for connection and been put into operation.</p> |
| 3. | <p>Contract No.3 (85/ 2011) Wastewater Network for West Zarqa Zone- Russeifa</p> <p>Contract Location: Mostly in Russeifa city. Contract Value: 18,118,598.10 USD Contract Duration: 1185 Days.</p> |



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| | <p>Order of Commencement: 1-11-2012 Expected end date: 30-9-2016 The work includes approximately 69 km of sewers (150 to 1200mm) and about 1850 H.C The Contract includes an approximately 9-km of reinforcement Trunk sewer of (1200mm diameter).</p> <p>Progress (implemented pipelines) up to May 2016: 99%. In addition, about 42 km of implemented networks in this Contract have been allowed to public for connection and been put into operation.</p> |
| 4. | Contract 4: Wastewater Network for Princess Haya Expansion- (including about 50% of PH expansion-) |
| | <p>Contract Location: Mostly in Zarqa city. Contract Value (including options): 5,685,425.55 USD Contract Duration: 502 Days. Order of Commencement: 15- 3-2015 Expected end date: 30-9-2016 The work includes approximately 34 km of sewers (150 to 600mm) and about 700 H.C</p> <p>Progress (implemented pipelines) (including options) up to May 2016: 83%</p> |

* The compact originally stated a total of 169 km of waste water pipes in two zones, but cost saving during implementation of the MCA-Jordan Program have led to considerably more households being serviced primarily in the Princess Haya neighborhood."