

A Rotary Water Project

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1. Project Summary, Started 2011.
2. A few photos of the situation before we started the projects.
3. A few photos of the situation after we completed the projects and Rotarians Participation.

**Drinking Water Systems
Fixing 69 Schools
Serving 24000 children
in Amman Suburbs.
Amman Rotary Club 2013-2011.**

The failure to provide safe drinking water and adequate sanitation services to all people is perhaps the greatest development failure of the 21st century. The most egregious consequence of this failure is the high rate of mortality among young children from preventable water-related diseases. Water-related diseases have largely been eliminated in wealthier nations, but they remain a major concern in the developing world. WHO estimated that there are four billion cases of diarrhea each year in addition to millions of other cases of illness associated with the lack of access to clean water. Most of those dying from water-related disease are children struck by virulent but preventable diarrheal diseases. The true extent of these diseases is still unknown but its estimated to be in millions.

If no action is taken to address unmet basic human needs for water, as many as 135 million people will die from these diseases by 2020. According to (WHO 2000), 1.1 billion people around the world lacked access to "improved water supply" and more than 2.4 billion lacked access to "improved sanitation". Jordan is among the 1st four nations in the world in Water Scarcity; which is another causes of the water sicknesses. Water scarcity means that Government cannot supply enough water to certain areas in Jordan as recommended by WHO, for

water is expensive in Jordan to consume as much as really needed. Many consumes less water than that recommended by WHO (50 Liters/Capita/day). Such low consumption adds many other sicknesses. Hygiene & unpolluted drinking water is a must for proper health care.

Hence; supplying "at least" proper drinking water for children in public schools is of utmost importance. Thus, this project is a must for Jordan.

Public primary & secondary schools Jordan, lack clean drinking water and drinking water systems for students; they were mostly damaged, due to lack of maintenance, awareness and low school budgets. Those attending public schools are mainly of low income. Students cannot afford to buy bottled water from the market. The 69 schools, serving 24000 children that were fixed by Rotary will have also a mechanical protection against theft or damage. Rotary aim is to fix soon at least another 100 schools. Ministry of Education were very pleased with this project & helped in the supervision in addition to Rotary committee.

---See attached "before & after" photos of these schools.

Note :

Water Diseases are :

Waterborne diseases: caused by the ingestion of water contaminated by human or animal faeces or urine containing pathogenic bacteria or viruses; include cholera, typhoid, amoebic and bacillary dysentery and other diarrheal diseases

Water-washed diseases:

caused by poor personal hygiene and skin or eye contact with contaminated water; include scabies, trachoma and flea, lice and tick-borne diseases.

Water-based diseases: caused by parasites found in intermediate organisms living in contaminated water; include dracunculiasis, schistosomiasis, and other helminths.

Water-related diseases:

caused by insect vectors, especially mosquitoes, that breed in water; include dengue, filariasis, malaria, onchocerciasis, trypanosomiasis and yellow fever.



Before :





After :



