

Technical Report on what has been accomplished in  
**Rehabilitation of Water  
Network Project**



Taiz- Yemen



**Project Title:** Repairing and Maintenance of Water Network Project in Taiz .

**Executing Agency:** Ma`akum Developmental Foundation mdf.

**Coordination:** Water and Sanitation Corporation, Taiz Governorate.

**Beneficiary Districts:** Al-Qaheria and Al-Mudhaffar

**Implementation period:** From October 9, 2021 to November 13, 2021.

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**30,000**

*People have not received  
the project since 2015.*

**2,000 m<sup>3</sup>**

*The amount of used  
water in Taiz City.*

**500-700 m<sup>3</sup>**

*Water lost daily before  
repairing the network.*



**The goal of the intervention:**

- Repairing and maintenance of the internal water network of the Local Corporation for Water and Sanitation, Taiz.
- Replacing the main and subsidiary taps with new ones of different diameters for controlling water distribution.
- Reducing water wastage and loss as a result of leaks.
- Replacing damaged pipes as a result of their erosion and their stopping for long time.
- Restarting the generator of the university station, with a capacity of 300 kw, so that we can return pumping water after stopping.
- Rehabilitation of part of Al- Mankh tanks.



***Project Results:***  
**Repairing water  
Network in 15 sites**

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***Project Results:***  
**Operating the tank in  
Al- Monk which has  
been suspended for  
years**

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***Project Impact:***  
**Water can be  
pumped to any area  
of the city after  
operating the tank  
in Al- Monk and  
maintaining the  
network**

### **Project Activities:**

- Coordination with the Water and Sanitation Corporation in the governorate.
- Coordination with the water and environmental sanitation cluster.
- Launching work and starting implementation processes.
- Completion of work and operation of the network in the presence of the Director General of the Water Corporation in Taiz Governorate.

### **Works that have been completed:**

- Excavation and backfill works to repair damaged networks.
- Maintenance and rehabilitation of the university station.
- Rehabilitation of part of the tanks of Al- Monk zone.



### **Results from the intervention:**

- The main and internal water network was maintained and monitored during pumping, as shown in the above table.
- Replacement and maintenance of faucets and making new faucets.
- Water reaches to the uplands areas after the maintenance and replacement of faucets.
- Returning of pumping water from the university station tank to Al-Monkh tanks after stopping for a long time as a result of a leak in the main water carrier.
- Stopping water leaks from the internal network, especially in the areas where the above-mentioned maintenance was carried out.
- Reducing the amount of water wasted, which was previously wasted significantly as a result of leaks.
- Restricting water in the areas to be fed as a result of replacing and making new taps.
- The arrival of water to new areas that have been suspended since the beginning of the war in 2015.
- Restart the generator of the university station.

## Needs that required intervention:

- Organizations, associations and institutions standing by the foundation to re-operate its main water fields and for sustainable support in its projects, especially during this period.
- Maintenance of the rest of the network in the district of Al- Mudhaffar, Al-Qaheria and Sala, which was greatly affected during the war.
- Support the foundation with pumping equipment, since its warehouses are empty.
- Installing water meters for citizens to reduce waste and knowing the amount of water reaching it, since most of the citizens' water meters have been stolen and damaged.
- -Maintenance of the collapsed sewage network in some main and secondary streets.
- -Maintenance of the health units of the Foundation, which have been suspended since 2015, through which all sewage blockages will be opened in the city and reduce the spread of diseases and epidemics.
- Supporting the foundation with a water and sewage network to face any emergency events.
- Supporting the foundation with means of transportation for its technical teams related to water and sanitation, since all its means were stolen during the war.
- -Disbursing incentives to field teams working in the field so that they can continue to perform their work in a healthy manner.



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