

Most water treatment plants in east Mosul (left bank) are partly functioning and are planned for rehabilitation to restore their full capacity.

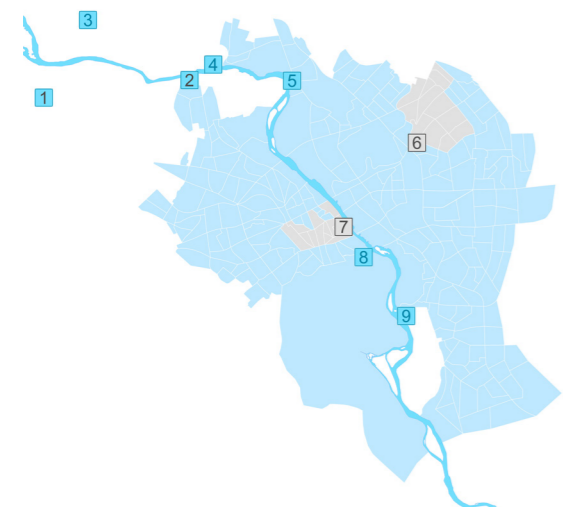
In west Mosul, most treatment plants are now partly functional, and are operating on electricity from various sources, including Mosul Dam power station. In Mosul's suburban areas, such as Hamdaniya and Bertella, a water power station project in addition to repairs to the water network have been implemented by UNICEF.

Considering that the assessment with satellite imagery suggests a significant amount of damage to the water network, verifying this damage on the ground will be a priority in the immediate future.

This report has been created with inputs from, among others: Mosul Water Directorate, UNDP, Water Treatment Plant working group, and on the basis of satellite imagery dated 08 July 2017.

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AREA COVERAGE OF RUNNING WATER TREATMENT PLANTS

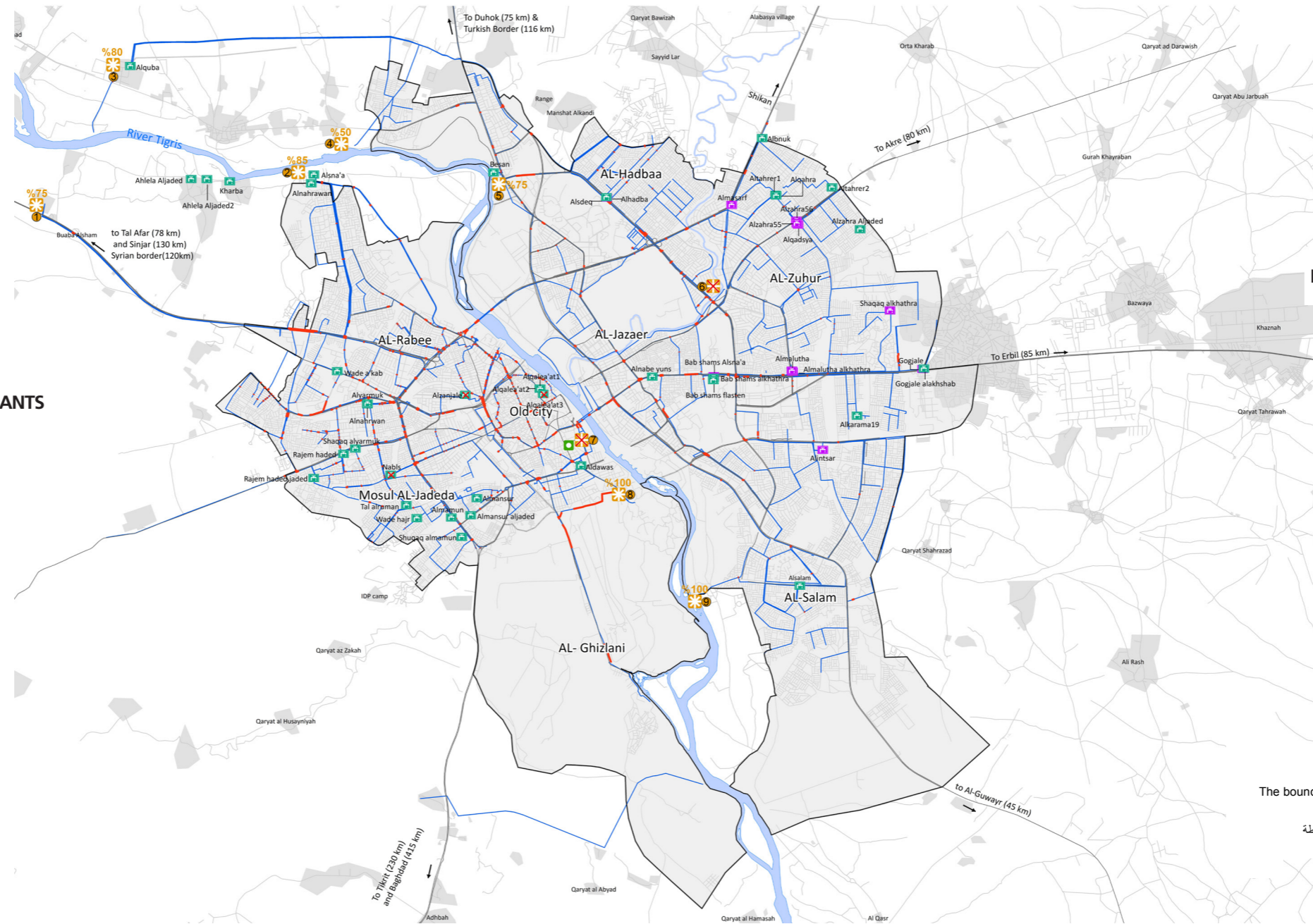


- Areas covered by running water treatment plant*
- Areas not covered by running water treatment plant
- Water treatment plant (functional)
- Water treatment plant (not functional)

*Covered areas may not have access to water due to the lower current capacity of the treatment plant, or due to damage along the water network.

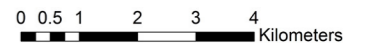
CURRENT STATUS OF WATER TREATMENT PLANTS

#	Name	Status after Rehabilitation	Functionality	(to be) Rehabilitated by
1	Al-Ayman Al-Jadeed	75%	Functional	The Ninewa Settlement Plan
2	Al-Ayman Al-Qadeem	85%	Functional	The Ninewa Settlement Plan
3	Al-Ayser Al-Jadeed	80%	Functional	UNDP
4	Al-Rashedeya	50%	Functional	ICRC
5	Al-Aysar Al-Qadeem	75%	Functional	UNDP
6	Al-Zuhur		Not functional	UNDP
7	Al-Dandaan		Not functional	UNDP
8	Al-Mashru Al-Ghizlane	100%	Functional	included in German loan
9	Al-Sahiruun	100%	Functional	UNDP



DAMAGE TO WATER INFRASTRUCTURE

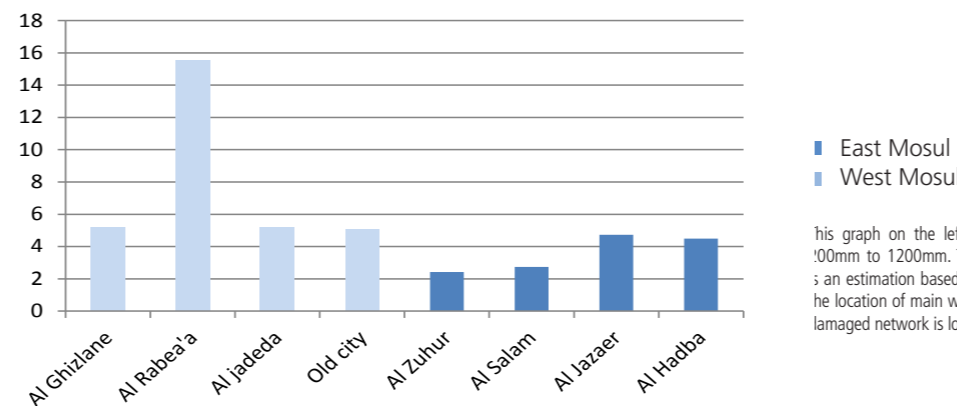
- حالة المشروع بعد الصيانة N%
- مضخات مياه ومعالجة Water pump and treatment plant (functional)
- مضخات مياه ومعالجة متضررة Water pump and treatment plant (not functional)
- دائرة ماء نينوى Ninewa water department
- محطة مضخة للمياه Water pumping station
- محطة مضخة للمياه مدمرة Water pumping station (damaged)
- محطة ضخ المياه اعيد تأهيلها من قبل ICRC Water pumping station rehabilitated by ICRC
- شبكة المياه Water Network
- شبكة المياه المتضررة Destroyed water network
- طرق الرئيسية Major Road
- طرق الثانوية Secondary Road
- حدود البلديات Municipal Boundary
- حدود المدينة Administrative boundary



The boundaries and names shown the designations used on this map do not imply official endorsement by the United Nations

إخلاء مسؤولية / الحدود و الاسماء الظاهرة و التسميات المستخدمة في هذه الخارطة لا تعني المصادقة الرسمية من الامم المتحدة

LENGTH OF WATER NETWORK WITH A HIGH LIKELIHOOD OF DAMAGE in kilometers



This graph on the left indicates damage to all water lines from 100mm to 1200mm. The length of damage to the water network is an estimation based on overlapping severely damaged roads, with the location of main water pipes. It is likely that the actual length of damaged network is lower than estimated here.

HUMANITARIAN WATER PROVISION

