

Libya's "Water Wars" and Gaddafi's Great Man-Made River Project

By [Mathaba](#)

Global Research, May 13, 2013

[mathaba](#)

Region: [Middle East & North Africa](#)

Theme: [Environment](#), [US NATO War](#)

[Agenda](#)

It was Muammar Gaddafi's dream to provide fresh water for all Libyans and to make Libya self-sufficient in food production.

Libyans called it the eighth wonder of the world. Western media called it a pet project and the pipe dream of a mad dog. The "mad dog" himself in 1991 prophetically said about the largest civil engineering venture in the world:


After this achievement, American threats against Libya will double. The United States will make excuses, but the real reason is to stop this achievement, to keep the people of Libya oppressed.

Gaddafi's dream

It was Muammar Gaddafi's dream to provide fresh water for all Libyans and to make Libya self-sufficient in food production. In 1953, the search for new oilfields in the deserts of southern Libya led to the discovery not just of significant oil reserves, but also of vast quantities of fresh water trapped in the underlying strata. The four ancient water aquifers that were discovered, each had estimated capacities ranging between 4,800 and 20,000 cubic kilometers. Most of this water was collected between 38,000 and 14,000 years ago, though some pockets are believed to be only 7,000 years old.



After Gaddafi and the Free Unitary Officers seized power in a bloodless coup from the corrupt King Idris during the Al-Fateh Revolution in 1969, the Jamahiriya government nationalized the oil companies and spent much of the oil revenues to harness the supply of fresh water from the desert aquifers by putting in hundreds of bore wells. Large farms were established in southern Libya to encourage the people to move to the desert. It turned out that the majority of the people however preferred life in the northern coastal areas.

 Therefore Gaddafi subsequently conceived a plan to bring the water to the people instead. The Libyan Jamahiriya government conducted the initial feasibility studies in 1974, and in 1983 the Great Man-Made River Authority was set up. This fully government funded project was designed in five phases, each of them largely separate in itself, but which eventually would combine to form an integrated system. As water in Gaddafi's Libya was regarded to be a human right, there has not been any charge on the people, nor were any international loans needed for the almost \$30 billion cost of the project.

In 1996, during the opening of Phase II of the Great Man-Made River Project, Gaddafi said:

This is the biggest answer to America and all the evil forces who accuse us of being concerned with terrorism. We are only concerned with peace and progress. America is against life and progress; it pushes the world toward darkness.

Development and destruction

✘ At the time of the NATO-led war against Libya in 2011, three phases of the Great Man-Made River Project were completed. The first and largest phase, providing two million cubic metres of water a day along a 1,200 km pipeline to Benghazi and Sirte, was formally inaugurated in August 1991. Phase II includes the delivery of one million cubic metres of water a day to the western coastal belt and also supplies Tripoli. Phase III provides the planned expansion of the existing Phase I system, and supplies Tobruk and the coast from a new wellfield.

The 'rivers' are a 4000-kilometer network of 4 meters diameter lined concrete pipes, buried below the desert sands to prevent evaporation. There are 1300 wells, 500,000 sections of pipe, 3700 kilometers of haul roads, and 250 million cubic meters of excavation. All material for the project was locally manufactured. Large reservoirs provide storage, and pumping stations control the flow into the cities.

The last two phases of the project should involve extending the distribution network together. When completed, the irrigation water from the Great Man-Made River would enable about 155,000 hectares of land to be cultivated. Or, as Gaddafi defined, the project would make the desert as green as the flag of the Libyan Jamahiriya.

In 1999, UNESCO accepted Libya's offer to fund the Great Man-Made River International Water Prize, an award that rewards remarkable scientific research work on water usage in arid areas.

Many foreign nationals worked in Libya on the Great Man-Made River Project for decades. But after the start of NATO's so-called humanitarian bombing of the North-African country in March 2011, most foreign workers have returned home. In July 2011, NATO not only bombed the Great Man-Made River water supply pipeline near Brega, but also destroyed the factory that produces the pipes to repair it, claiming in justification that it was used as "a military storage facility" and that "rockets were launched from there". Six of the facility's security guards were killed in the NATO attack, and the water supply for the 70% of the population who depend on the piped supply for personal use and for irrigation has been compromised with this damage to Libya's vital infrastructure.

The construction on the last two phases of the Great Man-Made River Project were scheduled to continue over the next two decades, but NATO's war on Libya has thrown the project's future - and the wellbeing of the Libyan people - into great jeopardy.

A German language documentary shows the size and brilliance of the project:

Water Wars

Fresh clean water, as provided to the Libyans by the Great Man-Made River, is essential to all life forms. Without fresh water we simply cannot function. Right now, 40% of the global population has little to no access to clean water, and that figure is actually expected to jump

to 50% by 2025. According to the United Nations Development Program 2007, global consumption of water is doubling every 20 years, more than twice the rate of human population growth. Simultaneously, every single year most of the major deserts around the world are becoming bigger and the amount of usable agricultural land in most areas is becoming smaller, while rivers, lakes and major underground aquifers around the globe are drying up – except in Gaddafi’s Libya.

In the light of the current world developments, there is more to the NATO destruction of the Great Man-Made River Project than being an isolated war crime. The United Nations Environment Program 2007 describes a so-called “water for profit scheme”, which actively promotes the privatization and monopolization for the world’s water supplies by multinational corporations. Meanwhile the World Bank recently adopted a policy of water privatization and full-cost water pricing, with one of its former directors, Ismail Serageldin, stating:

“The wars of the 21st century will be fought over water”.

✘ In practice this means that the United Nations in collaboration with the World Bank plans to secure water resources to use at their disposal, and that once they totally control these resources, the resources become assets to be reallocated back to the enslaved nations for a price. Those prices will rise while the quality of the water will decrease, and fresh water sources will become less accessible to those who desperately need it. Simply put, one of the most effective ways to enslave the people is to take control of their basic daily needs and to take away their self-sufficiency.

How this relates to the NATO destruction of Gaddafi’s Great Man-Made River Project in July 2011 can be best illustrated by the Hegelian Dialectic, popularly known as the concept of Problem -> Reaction -> Solution. In this case, by bombing the water supply and the pipes factory, a Problem was created with an ulterior motive, namely to gain control over the most precious part of Libya’s infrastructure. Subsequently a Reaction in the form of an immediate widespread need was provoked as a result of the Problem, since as much as 70% of the Libyans depend on the Great Man-Made River for personal use as well as for the watering of the land. A month after the destruction of the Great Man-Made River, more than half of Libya was without running water. Ultimately a predetermined Solution was implemented: in order to have access to fresh water, the inhabitants of the war-torn country had no choice but to fully depend on – and thus to be enslaved to – the NATO-installed government.

A ‘democratic’ and ‘democracy-bringing’ government that came to power through the wounding and killing of thousands of Libyans by ‘humanitarian bombs’, and that overthrow the ‘dictator’ whose dream it was to provide fresh water for all Libyans for free.

War is still peace, freedom is still slavery.

Sources and further information:

<http://www.water-technology.net/projects/gmr/>

<http://www.uruknet.info/?new=81150>

http://american_almanac.tripod.com/libya.htm

<http://www.activistpost.com/2012/12/the-coming-water-wars.html>

<http://www.caseyresearch.com/articles/coming-water-wars>

<http://www.thedailysheep.com/the-groundwater-footprint-over-population-threatens-water-resourc>

[es_082012](#)

<http://mathaba.net/support>

The original source of this article is [mathaba](#)

Copyright © [Mathaba](#), [mathaba](#), 2013

[Comment on Global Research Articles on our Facebook page](#)

[Become a Member of Global Research](#)

Articles by: [Mathaba](#)

Disclaimer: The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will not be responsible for any inaccurate or incorrect statement in this article. The Centre of Research on Globalization grants permission to cross-post Global Research articles on community internet sites as long the source and copyright are acknowledged together with a hyperlink to the original Global Research article. For publication of Global Research articles in print or other forms including commercial internet sites, contact: publications@globalresearch.ca

www.globalresearch.ca contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available to our readers under the provisions of "fair use" in an effort to advance a better understanding of political, economic and social issues. The material on this site is distributed without profit to those who have expressed a prior interest in receiving it for research and educational purposes. If you wish to use copyrighted material for purposes other than "fair use" you must request permission from the copyright owner.

For media inquiries: publications@globalresearch.ca