



DENNERY NORTH WATER PROJECT

ST LUCIA - CARIBBEAN



UNOPS

The United Nations Office for Project Services (UNOPS) is an operational arm of the United Nations, supporting the successful implementation of its partners' peacebuilding, humanitarian and development projects around the world. It concentrates its efforts in areas where it has a clear mandate and expertise:

- I. Sustainable Infrastructure
- II. Sustainable Procurement
- III. Project Management

PROJECT OVERVIEW

The communities of Dennery North, a town on the east coast of Saint Lucia, have been affected by poor quality water, impacting residents health and living conditions.

The Dennery North Water Project improves water quality. UNOPS implemented Phase 1 on behalf of the Government of Saint Lucia, with funding from the Government of Mexico. The project was executed in collaboration with the Water and Sewerage Company (WASCO) of Saint Lucia.

The project comprises the design and construction of a water system. The major infrastructural components include the construction of a raw water intake, transmission pipelines, a water treatment plant, pumping stations and distribution systems.

DURATION

Design and Construction: December 2016 to January 2018.

RESULTS

Benefits approximately 8,000 people, by improving the quality of water and reliability of supply.

Strengthening of the institutional capacity of WASCO, the national agency responsible for operating and maintaining the facility.

PARTNERS

- Government of Saint Lucia - Water and Sewerage Company (WASCO)
- Government of Mexico through the Infrastructure Fund for Mesoamerica and Caribbean Countries

SCOPE OF WORKS

The major components were:

1. Design of all works under Phase I and II;
2. Construction of a reinforced concrete Raw Water Intake in the Tournesse River;
3. Construction of a Water Treatment Facility and pumping station for a minimum production of 0.4 Million Imperial Gallons per Day of drinking water, meeting the World Health Organization requirements.
4. Installation of 2.5km of ductile iron 300mm diameter pipe (buried) from the Raw Water Intake to the Treatment Plant
5. Installation of 2 km of High Density Polyethylene (HDPE) as transmission pipeline to various communities in Dennery North.

VIDEO

Summary of the project and its social impact:
<https://www.youtube.com/watch?v=KVjvek2tMZQ>