

International Department

Commissioning and Operational Assistance for WWTP Nablus West / Palestine



Nablus West WWTP was designed by Passavant Energy & Environment with a capacity of 150,000 customers. The construction of the WWTP has been carried out with a strong participation of local companies.

The sewage treatment plant is equipped with a mechanical and biological waste water treatment. Anaerobic sludge digestion with mechanical dewatering as well as gas treatment and gas utilization are also carried out.

In July 2013 the operation of the sewage treatment plant Nablus West was started. The commissioning phase was accompanied by CONSULAQUA employees. In November 2013 the two-year training program for the employees of the Nablus Municipality started on the sewage treatment site. CONSULAQUA continuously monitored the operation on site and also conducted training courses with various experts from the wastewater sector. This practical support is still ongoing (10/2016).

The WWTP Nablus staff consists of locksmiths, electricians, lab technicians, etc. Before the start of the project the employees had minimal experience in the sewage sector. During the project they acquired comprehensive knowledge of the waste water treatment through the training of the CONSULAQUA. This applies to the management level as well as to the skilled workers of maintenance and laboratory operations. In addition, CONSULAQUA has set up a network of suppliers and repair companies.

Client:

Passavant Energy & Environment

Financed by:

KfW - Kreditanstalt für Wiederaufbau

Information:

Project country:	Palestine
Overall Project value:	470.000,00
Provided staff:	8 Key Experts

Erbrachte Leistungen:

- Basics of anaerobic sludge digestion / sludge treatment / sewage treatment processes and physics
- Programming and control of SCADA systems
- Maintenance and repair of machines and treatment plant components
- Laboratory analysis technologies and calibration of measurement devices and gauges
- Process and workflow optimization
- Human resources planning and management
- Safety management
- Preparation of operational documents and Standard Operation Procedures (SOP)

Implementation:

August 2013 – October 2015