



Water

Integrated Water Management

Client
Coca-Cola Amatil

Location
Dunaharaszti, Hungary

Industrial and Municipal Wastewater Treatment Plant

Project Description

CH2M HILL, as the lead in a consortium, designed and constructed a wastewater treatment plant to serve jointly the industrial needs of Coca-Cola Amatil (Hungary) Kft. and the local community of Dunaharaszti. This plant features a unique septage metering system that allows the normally hostile septage to serve as a beneficial micronutrient supplement to the nutrient-poor industrial wastewater stream. CH2M HILL completed the requirement for system readiness to accept wastewater one month ahead of schedule.

Coca-Cola Amatil required a wastewater treatment facility capable of treating its industrial wastewater and identified a site in the municipality of Dunaharaszti, located on the outskirts of Budapest. However, Dunaharaszti was a town without wastewater treatment capabilities.

The new facility offered more to the community than treatment of its domestic wastewater. The town now can offer advanced wastewater treatment capability to other businesses looking to locate in the area, enhancing its ability to attract new investment in the community.

In partnership with its Hungarian subcontractors, CH2M HILL took advantage of today's best practices (both Western-style and Hungarian) in design, technology, and construction. In thirty-four weeks, the facility moved from design through permitting, construction, testing, and commissioning to full operation.

In addition to the design-build component of the contract, CH2M HILL managed the first year of the facility's operations through its operations and maintenance group, Operations Management International (OMI).

The final result: Coca-Cola Amatil ended up with a facility capable of treating its industrial process wastewater without having to enter the wastewater.