



# IK NATALIYA: SEWERAGE AND WASTEWATER TREATMENT

*Industrial*

**A sustainable solution for drainage and treatment of the wastewater, generated in soapstock processing.**

## | The challenge

Wastewater treatment after soapstock processing. The industrial wastewater are specific in terms of load and are characterized with a very low active reaction, high content of sulphates, phosphorus and COD.

## | Veolia's solution

The major solution is transportation of the wastewater with specialized vehicles to the city of Sofia and their discharge in the urban sewer network.

- The customer has a constructed wastewater treatment plant (WWTP) whose capacity is highly insufficient after the expansion of the production and cannot handle generated volumes of wastewater.
- Water is highly polluted with high concentrations of pH, COD, sulphates and suspended solids.
- A detailed analysis was conducted of the generated loads by pollutants and the data show that the WWTP near Kubratovo in the capital has sufficient capacity to accept and treat the wastewater from IK Nataliya.



**Kardzhali, Bulgaria**

### Contract Facts:



Duration: without a fixed end period  
Type: Standard

**27,000**  
m<sup>3</sup>/year

**820**  
Tons COD/year



## | The benefits

- Pollutants are again not returned to the environment and are recovered in one of the most efficient WWTPs in the Group. There the pollutants are converted into green energy.
- Increase in the revenues of the company.
- A project launched with the customer for design and construction of a new innovative WWTP that meets the production needs.
- Once again Veolia proved itself to be a company orientated entirely towards environmental transformation and the needs of its customers.



 <http://www.veolia.bg>

“ We are delighted that our hard work and commitment to reducing waste and carbon footprint has been recognised. Working with a trusted partner like Veolia motivates us to build on and achieve even more challenging environmental goals. Our actions in this area are not only good for the environment, but also help us to run our business more efficiently.

**Yashar Durmushev, Manager of IK Natalia Ltd.**



### VEOLIA'S PURPOSE: committing to a multifaceted performance



#### SOCIAL

- Supporting the customers social and environmental objectives. Partnering to reduce the waste-related environmental impacts.



#### COMMERCIAL

- We guarantee results over a long term through innovative services.



#### ENVIRONMENTAL

- Reduced environmental footprint.