

CEYRANBATAN UF PLANT PROJECT

Bringing drinking water to Baku

Main Contractor: HIDRO-LOTUS
Project Data: Pipeline length: 3x 450 meters (a total of 1.350 meters) Geology: clay, sand, silt
Machine Data: AVN1600 Pipeline diameter: 1940 mm Max. Torque: 360 kNm
Date of execution: On May 2014 first drive was completed

One of the largest surface ultrafiltration (UF) water plant in the world is being built in Ceyranbatan. This water facility will have a treatment capacity of 520,000 m³ per day bringing drinking water to Baku, capital city of Azerbaijan with over 3 millions people population.

As a part of this project, three intake towers will be erected to take clean water directly to the UF treatment plant. The connection between these intake structures and the intake building will be done by three pipe lines of 450 meters each.

Pipe jacking is the trenchless method used to execute the three outfalls in the Ceyranbatan UF project. A well trained and experienced personnel in pipe jacking works will assure the completion of the project in an efficiently and safely way.

On May 2014 first drive was completed. Currently, dredging works are being conducted in order to reach the TBM and rescue it from the bottom of the lake. Dredging and rescue works are estimated to be completed on June 2014.

