

## ANNOTATION

In the diploma work, the fuel and energy complex for the construction of a CHP with the GNU of the city of Nur-Sultan was developed. A report on the construction of pumping and filtering station No. 3, the first stage of a water pipeline with a diameter of 1200 mm and a length of 90.7 km (164.3 km in total) from the existing horse canal, is presented. Methods of construction and reconstruction of main water supply networks with a length of 168 km are shown.