

PURAIID® AS A TEMPORARY SOLUTION TO PROVIDE DRINKING WATER – TEMPORARY RENTAL CONTRACT



Hajdúbagos, Hungary, 2022



drinking water treatment



KEVIÉP Kft.



arsenic, iron, manganese, ammonium and bacteria removal



constructor



2×10m³/day

In the municipality of Hajdúbagos, the reconstruction of the waterworks was carried out as part of a programme to improve drinking water quality in Hungary. During the reconstruction the extracted raw water was discharged into the drinking water network, which did not fulfil the expected requirements on the quality for drinking water (due to the iron, manganese, ammonium, and arsenic content of the raw water). During the reconstruction of the waterworks, it was also necessary to provide 3l/day healthy drinking water to the citizens. This was achieved with two PurAIID® containerised water treatment systems provided by Puraset Ltd. in a leased construction.



The equipment was installed at two locations in the municipality, where, in addition to supplying the institutions' kitchen drinking water needs, the population could also get drinking water from taps on the side walls of the container. The solution is sustainable and economical temporary water supply type in comparison with other water distribution methods such as plastic bottled water or distribution with water tank cars.