

Company Profile 2024



ABOUT SMVAK OSTRAVA

- Severomoravské vodovody a kanalizace Ostrava a. s. is the largest supplier of drinking water in the Moravian-Silesian Region and is among leaders in the water supply market in the Olomouc Region. SmVaK also supplies drinking water to a border territory in Poland (Jastrzębie-Zdrój). It has been among leaders on the Czech water market.
- Its core business is production and supply of drinking water as well as discharge and treatment of wastewater. In 2023 SmVaK produced 56,595,000 m³ of drinking water. The water network is 5,172 km long. The sewage system is 1,977 km long.
- The sole owner of SmVaK Ostrava is Aqualia Czech S. L.

TERRITORY OF OPERATION

- SmVaK operates mainly in districts of Frýdek-Místek, Karviná, Nový Jičín and Opava.
- SmVaK supplies water on the basis of contracts to Ostrava, Studénka, Hlučín and other towns.
- It also supplies drinking water to a part of the Přerov district (for instance, Hranice na Moravě and Lipník nad Bečvou) and to a border territory in Poland (Jastrzębie-Zdrój).
- On the basis of the concession contract SmVaK operates sewage networks and wastewater treatment plants in Světlá Hora, Vratimov, Řepiště, Písečná, Leskovec, Velké Losiny, Mosty u Jablunkova and Ostrava – Mošnov Industrial Zone.

OBJECTS OF BUSINESS

- The core business is production and supply of drinking water as well as discharge and treatment of wastewater.

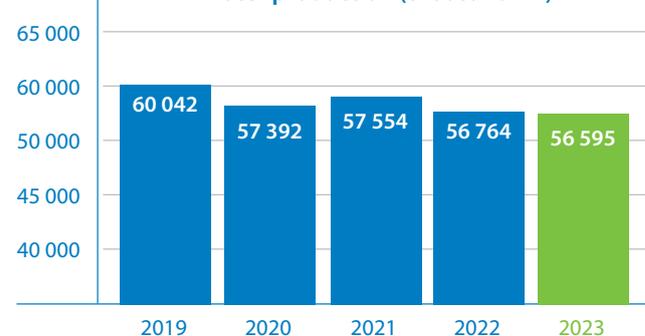
Production of drinking water

- 95 % of drinking water is produced from central resources managed by Povodí Odry (the river basin authority) in three main water treatment plants in the Ostrava Area Water Network Sources: dams Kružberk (in foothills of the Jeseníky Mountains), Šance, and Morávka (in the Beskydy Mountains).
- Ostrava Area Water Network – the key production and distribution system for supplies of drinking water in the Moravian-Silesian Region. This main water supply system consists of 505 km of water pipelines, 114

reservoirs with the capacity of 302,668 m³ and water treatment plants which can treat up to 5,350 litres per second.

- In some towns, water is supplied from local sources (for instance, towns in the districts of Opava, Frýdek-Místek or Třinec).
- Water is also supplied for Ostrava, where it is distributed by OVAK, a. s.
- 43 water treatment plants and 229 pumping/re-pumping stations.

Water production (thousand m³)



Supplies of drinking water

- Supplies of drinking water for more than 708,200 people. 143,150 service pipes (total length: 771 km).
- Drinking water is supplied (as bulk water) to another ca. 300,000 people through third party water companies.
- 345 water reservoirs: more than 384,000 m³ of drinking water.

Wastewater

- Sewage systems in 80 municipalities (total length: 1,977 km).
- More than 476 thousand people are connected to the sewage system through sewers. More than 493,650 people are connected to the wastewater treatment plant.
- 205 wastewater pumping stations.
- 26,112,000 m³ of wastewater was treated in 2023.
- 77 wastewater treatment plants (75 mechanical-biological plants and 2 mechanical plants) - total capacity: 263,997 m³ per day (equivalent population: 962,470).

Additional services

- Water-metering vehicle
- Wastewater metering vehicle
- Disposal of wastewater
- Analyses of water
- Special technical assistance
- Operation and inspection of hydrants
- Searching for pipes and troubleshooting
- Hydraulic analysis of water networks and service pipes
- SMARTmetering of water meters (remote reading and monitoring of increased flow)
- Alternative drinking water supplies
- Removal of sludge from water pipelines
- Construction and installation works
- Turn-key construction of service pipes for water/wastewater
- Operation of wastewater/water treatment plants on the basis of contracts
- Hydraulic analysis of water and sewage

QUALITY OF WATER

- High quality of water thanks to the central sources, treatment processes and water distribution processes.
- Quality of drinking water is governed by laws incl. EU directives.
- Continuous monitoring and analyses of quality of drinking water supplied in the water network. Permanent laboratory checks.
- Analyses of raw water before treatment and during treatment. Analyses of treated water. Analyses of drinking water at customers' sites (samples taken from water taps).
- Publication of weekly results of the quality analysis at www.smvak.cz.
- Quality of water has improved in past years thanks to improvements in the environment (higher quality of raw water) and thanks to advanced methods introduced into water treatment processes.

ECONOMIC PERFORMANCE

- Earnings in 2023: CZK 3.56 billion. Profit before taxation: CZK 576,030 million.
- 141,675 customers as of 31 December 2023: 127,835 individuals and 13,840 legal persons.

INVESTMENTS

- SmVaK Ostrava invests each year more than one billion CZK into reconstruction, modernisation, renewal and construction of water/wastewater plants.
- CZK 14.5 billion was invested from own sources into renewal and development of infrastructure from 1995 until 2023.

SUSTAINABLE DEVELOPMENT

People

- Occupational safety is of key importance for the company. Occupational safety is governed by ČSN ISO 45001:2018.
- Risks are regularly identified and assessed. Measures are taken in order to eliminate risks which jeopardise the health and safety of employees. Modern personal protective equipment is used.
- More than 890 employees in 2020.
- Benefits resulting from the collective agreement.
- Quality Certificate ČSN EN ISO 9001: 2023 (Quality Management System).

Environment

- Environment protection is a key value. Investments into discharge and treatment of wastewater, renewal of non-compliant networks, reconstruction and modernisation of wastewater pumping stations and wastewater treatment plants.
- Owner of ČSN EN ISO 14001:2016 (Environmental Management System).
- Investments into environment-friendly generation of heat and electricity. Seven small water power plants in the Ostrava Area Water Network and eleven cogeneration units in wastewater treatment plants.
- Determination and reporting of greenhouse emissions – carbon trace ČSN ISO 14064-1 and certification pursuant to ČSN ISO 50001:2012 (Energy Management System).
- Participation in R&D activities focused on the efficient use of raw materials.

Community – The Moravian Silesian Region

- Cooperation with the Technical University (VŠB-TU) of Ostrava.
- The Grant programme which supports the active employees who volunteer in non-profit projects: we are in the same boat!
- The unique interactive educational programmes, Tree of Life and The Oxidan Planet, free for elementary schools in the region.

