



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovtovodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

Improving the quality of emergency response services and eliminating emergencies at water supply, wastewater and treatment facilities.



List of equipment:

- a sewage truck (sludge truck) with a capacity of up to 6 m³
- mobile workshop - 3 pcs.
- tanker truck for transporting drinking water with a volume of up to 8 m³
- a blower with a 160 kW electric motor
- other equipment in accordance with the reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 554 thousand



**WATER SUPPLY
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Dnipropetrovsk region



Summary:

ME «Zhovt vodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovt vodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

Improving the quality of emergency response services and eliminating emergencies at water supply, wastewater and treatment facilities.



List of equipment:

- a pump with a capacity of 1250 m³/h, a head of 125 m, an electric motor voltage of 6 kV, and a power of 630 kW - 1 pc.
- a pump with a capacity of 800 m³/h, a head of 110 m, an electric motor with a capacity of 400 kW, a voltage of 6 kV, with a soft start system and frequency control - 1 pc.
- a blower with an electric motor voltage of 6 kV, a power of 320 kW, a speed of 3000 rpm. - 1 pc.
- blower with voltage of 0.4 kV, power up to 160 kW, with soft start system and frequency control - 1 pc.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovt vodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 245 thousand



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovtovodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

Improving the reliability of the wastewater system and environmental safety at wastewater networks and treatment facilities, introducing energy-efficient technologies and management at these facilities.



List of equipment:

- a system of perforated PE plastic drainage pipes with an inner diameter of $\varnothing 115$ mm and a length of 430 m.
- anthracite chips with a working diameter of 0.8-1.8 mm, volume 175.5 m³
- polyethylene pipes and connecting systems for air supply to the water to improve oxidation and aeration, total length 600 m, pipeline diameter $\varnothing 150$ mm.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 285 thousand



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovtovodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

The chemical and bacteriological laboratory will carry out research on the quality of drinking water and wastewater treatment, which will ensure timely comprehensive control. This is also to prevent epidemic complications and ensure the sanitary and epidemiological well-being of the population.



List of equipment:

- distiller with an electric motor voltage of 380 V and a power of 7.5 kW - 1 pc.
- analytical balance with dimensions 209x321x309, accuracy class 1 - 1 pc.
- water distillation unit with 380 V motor voltage and 7 kW power - 2 pcs.
- dry-air thermostat with 220 V motor voltage and 0.3 kW power - 2 pcs.
- drying cabinet with voltage of 220 V, power of 2.5 kW - 2 pcs.
- vertical autoclave with a voltage of 380 V, a power of 4.5 kW, a volume of 110 litres, with a vacuum - 2 pcs.
- bidistillator with a motor voltage of 380 V capacity of 10 kW - 1 pc.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 85 thousand



**WATER SUPPLY
SYSTEM**

Ukraine

Dnipropetrovsk region



Summary:

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council» - is a provider of centralised water supply and sewerage services to the population and enterprises of Zhovtovodskii urban community. The company offers projects to improve water quality and services.



Covered population:

over 50 thousand



Aim:

Improving the quality of services for the provision and supply of treated water, ensuring prompt response and elimination of emergencies at water supply and wastewater treatment facilities, introducing energy-efficient technologies and management at these facilities.



List of equipment:

- automated control system for electric motors of pumping units
- pumping unit with 6 kV motor voltage, 400 kW capacity - 1 pc.
- pumping unit with an electric motor voltage of 6 kV, power 630 kW - 1 pc.
- pumping units with an electric motor voltage of 6 kV and a power of 22 kW - 4 pcs.
- pumping units with an electric motor voltage of 6 kV and a power of 45 kW - 2 pcs.
- meters complete with a check valve and a 5V communication module, 32x14 mm in size, and a BTM telemetry unit - 451 pcs.
- other equipment in accordance with the existing reconstruction project.



Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organization
- targeted grant programme



Beneficiary

ME «Zhovtovodskii Vodokanal» of Dnipropetrovsk Regional Council»



Estimated cost:

€ 491.8 thousand