References

Sewage separation system



Uponor involvement

- Weholite pipes SN8 DN500÷1600 - 958m, Weho eccentric manholes dns1000÷1600 - 11 pcs., Weho manhole with check valve dns2400/1600, overflow chamber with sludge settling tan - tank 14,8m, separator DN3000

Sewage separation system

Construction of storm water collectors in Nowe Polkowice is one of the stages of a big investment concerning the drainage of the district.

Project Facts:

Location
Polkowice, Poland

Completion
2013

Vrsta objekta
Municipal

Product systems
Storm water, Tailor made constructions

Project Type
New building

Partners

Investor:
The council of city of Polkowice

Contractor:
EKO-BAU Jerzmanowa

Designer:
BIPROADAM Głogów

Construction of storm water collectors at Przemkowska street in Nowe Polkowice is one of the stages of a big investment concerning the drainage of the district. Uponor Infra (former KWH Pipe) was a supplier of pipe systems PEHD Weholite SN8 within the diameter range dn 500÷1600mm. The storm water separation system was constructed in collaboration with NavoTech Inżynieria Środowiska. In the course of execution of the project the heavy and complex structures of concrete separators were replaced with the modern system of separation and pre-treatment of storm water in Weholite technology of diameter dn 3000mm.

Uponor Infra produced and delivered also the Weho manholes, which supplement the pipe systems. The application of unique technology of Weholite pipes and connection of elements of the manholes and pipes with the use of extrusion welding ensures their high quality and 100% tightness. Thanks to small weight the Weho manholes are easy to transport, unload and install. The manholes are delivered to the construction site as monolith structures with factory made connections, which allows to save the assembly time at the construction site and thus reduces the construction costs and ensures exceptional durability of their operation.

Despite very difficult winter conditions the works were carried out efficiently. The system was started up and released for operation in February 2013.

Sewage separation system





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