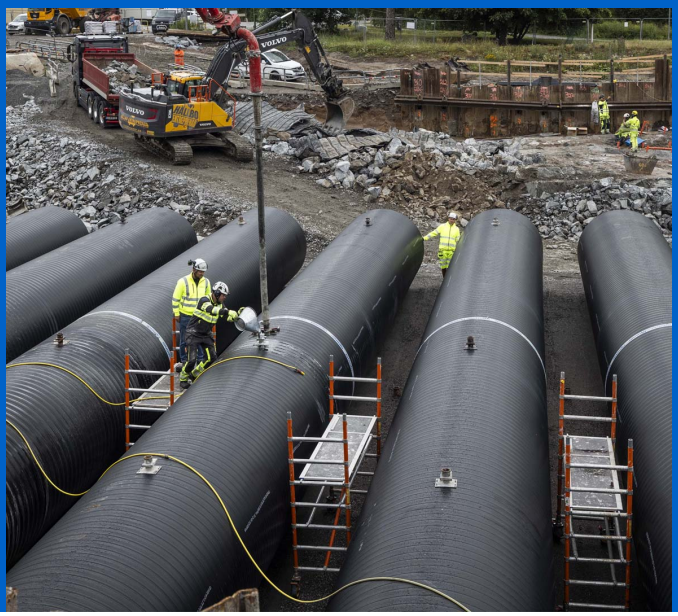
References

A stormwater tank in Järvastaden



Uponor involvement

- Stormwater tank in Weholite DN2000 SN4
  2180 cubic
- Dimensioning, design, calculations, welding services, profile filling and pressure tests.
- Welding
  Project management

A stormwater tank with large capacity

One of the biggest stormwater tanks in Sweden, with an impressive capacity of 2180 cubik in dimension DN2000 SN4 Weholite was installed in Solna.

The stormwater tank is the result of an extensive process that included several services and expertise in dimensioning, design, calculations, welding, profile filling and pressure tests. The tank was installed in Kvarteret Linnéan, Järvastaden in Solna.

Project Facts:

Location	Completion
Solna, Sweden	2023
Building Type	Product systems
Municipal	Storm water

Expertise combined with a reliable solution in Järvastaden

One of the largest stormwater tanks in Sweden, with an impressive capacity of 2180 cubic meters in dimension DN2000 SN4

Weholite, represents a pioneering project in stormwater management.

The tank is the result of an extensive process that included several services and expertise in dimensioning, design, calculations, welding, profile filling and proof printing and the magazine was installed in the Linnéan quarter, Järvastaden in Solna. The project also included the installation of three Uponor Vortex 500.

Services

Dimensioning and Design: A dedicated team of engineers and designers from Uponor Infra worked collaboratively to create an efficient and robust structure with the capacity required to handle large volumes of stormwater.

Calculations: Advanced calculations and simulations were used to ensure that the dimensions and capacity of the reservoir were optimal to cope with different water flows and loads.

Welding: High-quality welding and construction were performed according to industry standards to ensure durability and long-lasting function.

Profile filling: Precision and accuracy in the profile filling ensures the magazine from lifting.

Pressure tests: Strict pressure test process was carried out to ensure that the magazine meets and exceeds the requirements for strength and safety.

Result
The completed stormwater tank represents a pioneering achievement in stormwater management in Sweden. Its impressive capacity and robust construction position it as a flagship in the industry, ready to meet the challenges posed by stormwater management with safety, efficiency and sustainability.

> Uponor Stormwise stormwater solutions helps Kvarteret Linnéan in Järvastaden with a reliable and safe handling of stormwater says Jean Saarinen, Solution Sales Manager at Uponor Infra.

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