

Project planning aid

STRATE systems for venting, flushing and partially emptying sewage pressure pipes



STRATE

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Your reference data

Company:

Name:

Street:

Postcode / Town

Project:

Date:

Properties of the sewage

Temperature range from _____ °C to _____ °C

Maximum dwelling time of the sewage in the pressure pipe _____ Hours

Technical data of the sewage pumping station

Maximum pumping capacity _____ m³/h

Maximum working pressure _____ mWS

Technical data of the pressure pipe

Size _____ mm

Inner diameter _____ mm

Pipe length _____ m

Technical data of the pressure pipe

Size _____ mm

_____ mm

Pipe length _____ m

Number of high points _____ Units

Number of further venting and air release points _____ Units

Longitudinal section of the pressure pipe

Please include as separate enclosure (can be a hand-drawn sketch)! The pressure pipe is considered on the basis of the longitudinal section.

Individual interpretation points are:

- Does the pressure pipe need venting in the pumping station?
- Does the pressure pipe need venting at the low points (inspection shafts)?
- Are possibly more ventilation points along the penstock required?

- Arrangement and number of high points
- Are there venting and air release valves at the high points?
- Are air release blocks necessary
- Are there any culverts?
- Does the pressure pipe run empty in partial sections?
- Does the pressure pipe require venting along the whole pipe length?