

Waste Installation: In Ground P-141

Design of Sewage Systems in the Ground / Outside Foundation for

- Gray Wastewater
- Black Wastewater
- Oily Wastewater
- Fatty Wastewater
- Rain and Surface Water

Design will be including e.g.,

- Separators - Fat and Oil)
- Inspection Wells
- Delaying Chambers for Rain & Surface Water
- Pumping Wells – Normal and forced Pumping against e.g., high seawater.
- Backflow Prevention – from e.g., Seawater and general Sewage.

Scope of Work:

We Supply the Following

- Sewage Plan – Traditional Line Drawing
- PFDs and PIDs with full TAG-numbering
- 3D GA and DA arrangement drawings.
- Process Calculations, Pipe and Pump Sizing
- PDB and Cabling Project for Heat Trace, Pumps etc.
- Equi-Potential Bonding when applicable
- Heat Trace Design with LCP and Temp. Sensors
- Insulation Specification for Heat Trace Piping in Building and in Ground

P-Engineering uses e.g.

- [AVEVA PDMS](#) Software for 3D design
- [MicroStation](#) Software for 3D design when coordination with other / old installation is needed
- [PIPE-FLO®](#) Pipe Sizing and Pressure Loss

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Pictures of various Sewage installation in the ground.