

## SOLTA<sup>®</sup>LINER XTRA case study

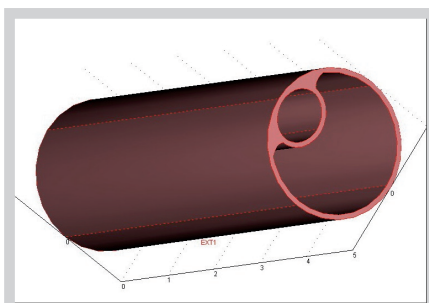
As part of a pipeline rehabilitation under a swimming pool, at a public swimming pool in Switzerland, what is known as the **SOLTA<sup>®</sup>LINER XTRA** (2in1 Liner) of GEBR. RÖDERS AG was installed.

### Task

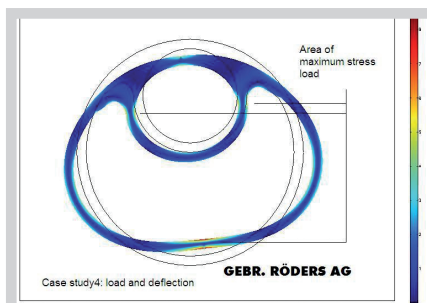
The goal was to separate a line for the surface / fresh water (known as clean water) and the wastewater from the swimming pool operation by rehabilitating a 40.5 m long, slightly damaged 400 mm concrete pipeline.

### Solution

During planning, a decision was made on renovation for a 150 mm XTRA segment in the liner in addition to the 400 mm main pipe. Here it will serve as a waste water line in the pipe section in the crown. The advantage of the 2in1 liner, providing two completely separate pipeline areas in only one step, could clearly be implemented here.



XTRA design model



XTRA load model



XTRA liner before rehabilitation



XTRA liner after rehabilitation



interior view of a rehabilitated XTRA liner segment



connections in manhole