

Wet wipes in wastewater pressure pipes? COMPREX® can help!

Sales of wet wipes have increased enormously in recent years. More consumers opted for these items, especially during the coronavirus crisis. Many do not end up in the garbage can after use but in the toilet. Unlike conventional toilet paper, wet wipes, hygiene wipes and similar non-woven materials such as kitchen paper do not disintegrate quickly enough or only incompletely.

The consequences: Blocked pumps and sewage pressure pipes, enormous problems for waste disposal companies.

We at HAMMANN are aware of these problems and would like to help. We recommend the following solutions:

Preventive

Intensive COMPREX® cleaning can have a preventative effect before a blockage occurs in a waste water pressure pipe. This is because the high wall shear stress caused by the air-water impulses removes deposits together with wet wipes. Timely cleaning is particularly important in culverts in order to avoid massive problems caused by debris and wet wipes. We have pointed this out in our article:

[Read Aqua & Gas article now](#)

The following pictures are of a damaged pipeline. Debris and nonwovens led to abrasion with breakthroughs in the invert area.



Pipe breakthroughs due to abrasion caused by coarse particles in the sole area

Curative

If debris, foreign particles and wet wipes have caused a blockage, the combination of a flushing vehicle and the COMPREX® process can be the solution to the problem. The high pressure of the water jet from the nozzle of the flushing vehicle mobilizes the particles from the blockage and the COMPREX® pulses reliably remove everything that has been mobilized from the pipe, especially from a culvert. We have also reported on this:

[Read article 3R now](#)

The following pictures impressively show foreign matter discharged from a culvert. In this culvert, pieces of wood together with wet wipes and sand led to a blockage. When pulling out the black flushing hose with flushing nozzle and attached blue PE pipe from the COMPREX® vehicle, wet wipes and non-woven materials were still stuck to the connections. COMPREX® cleaning alone reliably removes all mobilized substances.



Wet wipes, nonwovens and wooden parts from culverts

Conclusion

Problems with wet wipes do not only occur in pumping stations and sewage treatment plants. Sewage pressure pipes and, above all, culverts can also be damaged or blocked. Based on our experience, we offer individual solutions to problems with our COMPREX process.®

Talk to us!



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