Advanced
Leak Seal
Solutions

LEAK SEAL **PROCEDURES**

# Targeting Pipe Leaks with **Point Grouting**

Powerful Polumers
Painless Procedures
Rapid Results



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# Targeting Pipe Leaks with **Point Grouting**



**Product**

Spetec PUR H100, Spetec PUR HighFoamer, AP Fill 700, AP Fill 720

**Procedure**

Part of managing a stormwater or sewer system involves vacuum, inspection and sealing. Municipalities that own these systems either do this work themselves or sub out a portion or all of the process. Here's an overview of the process:

Assuming that the pipes have been vacuumed, your next step is to inspect them with a remote operated pipe crawler camera (as depicted in the bottom left side of the graphic below). You can use these types of cameras to thoroughly inspect the area.  In particular you're looking for separated joints and cracks which exhibit water infiltration. The video is monitored from the street level.

The images coming from the camera's location in the pipe are compared with existing plans or blueprints for the sewer or stormwater system. When leaks are observed below, the point on the ground directly above is marked for insertion of a grout pipe. You continue this process until all the repair spots are marked on the ground above.

After all the points are marked, your injection crew begins driving the grout pipe(s). Once the pipe(s) are in position, you inject the materials, while continuing to monitor via video. When the observed water infiltration is cut off, you stop the grouting process. Your choice of product, combined with your specific amount of catalyst or accelerator, depends on the exact conditions you are working with.

The end result is a sealed system where pipe joints and manhole structures are stabilized, sealed and protected from further infiltration. As always, you can rely on Alchatek's expert tech support for answers to any questions regarding this procedure.