BLACKBOARD

NEWS FROM THE UNDERGROUND

ROMOLD

When it comes to chambers

H_2S-CORROSION – NOT WITH ROMOLD

AN INTELLIGENT INVESTITION IN PLASTIC-SYSTEMS

ONE PROBLEM – TWO SOLUTIONS!

Solution 1
Building a new chamber

Solution 2
Shaft-in-Shaft Renovation

ROMOLD SOLUTION Nr. 1:

The construction of a chamber usually represents the most expensive and most circumstantial form of the remedy of corroded chambers. With ROMOLD plastic chambers you can not only fix the problem, you can solve it. The reason is the 100% corrosion resistance and the associated 100-year lifetime of plastic chambers.

ROMOLD: BURY and FORGET .

ROMOLD SOLUTION Nr. 2:

The renovation is the lowest common compromise in most cases. Expensive, time-consuming and usually not associated with the planned service life. ROMOLD has also here a perfect solution. The renovation is done via the installation of a new ROMOLD chamber with reduced diameter within the old manhole.

Advantage: The customer gets a new chamber from industrial production with the usual ROMOLD quality.

Clou: the existing concrete structure remains as permanent formwork in the ground.

This saves your time and money.

Details on page 2.

ROMOLD SOLUTION Nr. 2.1:
Shaft-in-Shaft Renovation incl. chamber bottom

Installation of a new self-supporting PE-shaft DN 800, in a corroded concrete manhole DN 1000.
Complete shaft incl. bottom must be rehabilitated.

The Clou: The concrete shaft remains as formwork in the ground and does not have to be laboriously removed.

1.) Cut the asphalt, and lift the concrete cone

2.) Remove climbing steps, pry berm and flume, dewatering, set the over-pumping operation

3.) Prefabricated channel with PE-socket

4.) Adapt the prefabricated channel with PE-socket

5.) Adapt the prefabricated channell with PE socket and place it into the chamber bottom

6.) Set the sealing plug to the in- and otlets, fill the gap with modified filling mortar

7.) After hardening of the filling mortar dewatering can be removed

8.) Fitting the seals and chamber components - PE shaft system DN 800

9.) Filling the gap between PE-chamber DN 800 and DN 1000 concrete manholewith filling mortar

10.) Ready renovated manhole. Steps were removed on customer request

11.) Restoring of road construction incl. decoupled load cover

Connection of PE pipe in old pipe either by using Quicklock collar or with construction chemicals

ROMOLD SOLUTION Nr. 2.2:
Shaft-in-Shaft Renovation without chamber bottom

Installation of a new self-supporting PE-chamber DN 800, in a corroded concrete manhole DN 1000. The manhole must be rehabilitated without bottom part.

1.) Cut the asphalt, lift the concrete cone and fix the mounting ring on berm

2.) ROMOLD DN 800 standard chamber components

Der Clou: The concrete shaft remains as formwork in the ground and does not have to be laboriously removed.

3.) Fitting the seals and chamber components - PE chamber system DN 800

4.) Ready renovated manhole. Steps were removed on customer request

5.) Filling the gap. Restoring of road construction incl. decoupled load cover

Note: The relevant safety regulations regarding boarding and working in wastewater treatment plants must be observed!

YOUR ADVANTAGES:

- easy installation
- no „big" technics on site
- new intrinsically sustainable chamber system
- short period of dewatering
- integrated steps
- decoupled load cover
- longer lifetime
- new PE-chamber 100% corrosion resistant