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TECHNICAL INFORMATIONS
TECHNOLOGY
&
SERVICE

No. 187n

Customer: **Municipal Water and Sewerage Company**

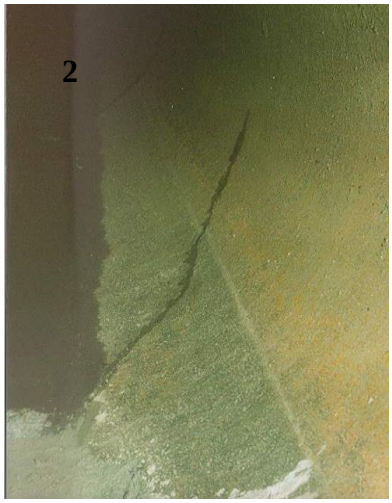
Made by: **M.Sc. Eng. Piotr Piątek - CHESTER MOLECULAR -Lublin**

PROBLEM DESCRIPTION: In the pipeline ϕ 900 mm (photo 1) transporting raw sewage from the sand trap, a crack occurred at a length of approx. 1.5 m (photo 2). The only repair option was to seal the pipe with Chester Molecular materials.

DESCRIPTION OF THE REPAIR: the place of the crack was dried. Then, it was ground with an angle grinder to remove the rust and deepen the crack. Holes were drilled every 20 cm on the crack line and threaded for M6 screws. The surface prepared in this way was degreased with **Chester Fast Cleaner F-7** and allowed to dry. After about 20 min. M6 screws coated with **Chester Molecular D-12 anaerobic adhesive** were screwed into pre-threaded holes. Then the whole was covered with **Chester Metal Ceramic T** (photos 3 and 4).

ACHIEVED EFFECTS: the performed regeneration prevented the replacement of the entire pipe and reduced the repair costs several times.


1


2


3


4

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