

CASE STUDY

GeoKrete Excels in Manhole Rehab Trial Where H₂S Levels Very High

KCMO MANHOLE REHAB TRIAL USING GEOKRETE®

VORTEX PRODUCTS & EQUIPMENT USED

1 GeoKrete®

2 Hyperform®



THE PROCEDURE

This manhole was selected by KCMO as a trial/demonstration for Quadex® GeoKrete®. This structure was subjected to high levels of H₂S with the upstream manhole being a force main receiving manhole. H₂S levels ranged from 165 - 190 ppm.

The manhole was prepped using a 4,000 psi water blaster. The joints were sealed with Quadex Hyperform®.

The manhole was lined with 1 1/2" of Quadex GeoKrete, which provides a monolithic, fully structural, corrosion resistant liner at the most economic pricing available. Yet again, another successful in-field trial of Quadex GeoKrete.



PROJECT SNAPSHOT

PROJECT
GeoKrete® Manhole Rehab Trial

OWNER
KCMO

SITUATION
Highly corroded manhole, connected to force main, in need of corrosion protection. H₂S levels ranged from 165 - 190 ppm.

APPLICATION

- Hyperform® Rapid Setting Patching Material
- GeoKrete® - 1 1/2" on walls and troweled to smooth finish