

# CASE STUDY



## PROJECT SNAPSHOT

**OWNER**  
Walmart, Corp

**FACILITY**  
Walmart, Pearl, MS

**INSTALLATION DETAILS**

- Application Method: Precision Spin-Cast
- Material: Quadex® GeoKrete®
- Thickness: 1.5"
- Type: CMP
- Dimensions:  
Length - 420'  
Diameter - 72"

**INSTALLATION CONTRACTOR**  
Quadex Lining Systems®  
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# Early QLS Installation Featuring GeoKrete® Geopolymer Showing No Signs of Deterioration

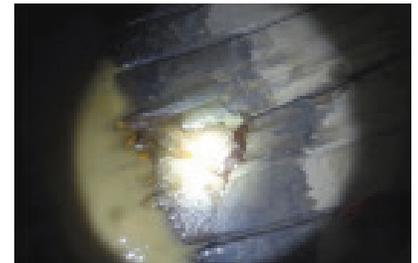
## LARGE DIAMETER CMP STORM PIPE RELINING: MULTI-YEAR FOLLOW-UP

**VORTEX PRODUCTS USED**



### THE CHALLENGE

A 72" storm drain pipe installed beneath a Walmart parking lot in Pearl, MS, was suffering from partial collapse and severe I & I. Rather than dig and replace the pipe, the general contractor recommended it be lined with Quadex® GeoKrete®, Geopolymer. GeoKrete is a fully structural, corrosion resistant lining material that, when applied, eliminates leaks and restores pipe to its full structural strength.



Example of corrosion and I & I before being lined with GeoKrete.

### DETAILS

A total of 420 LF was cleaned, prepped and then relined via Quadex Lining Systems® (QLS) precision spin-cast method. The project took only 6 days to complete and the storm drain was never taken out of service. The QLS application unit sits on a very small footprint and did not impede traffic or parking in and around the Walmart.



Pipe before cleaning, prep and lining.



Pipe immediately after being lined with GeoKrete.



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### 2018 FOLLOW-UP

A visual inspection of the GeoKrete lined CMP storm drain was recently conducted to check for lining degradation and cracks. There were no visible signs of I & I and the GeoKrete lining was excellent condition.



*Additional Pre and Post installation photos from 2015*

