



Case Study Category: REWW

Case Study Title: Application of CIPP Liner Patches for Repair of Wastewater Pipelines in Buncombe County, NC

Utility Name: Metropolitan Sewerage District of Buncombe County

Case Study Abstract: When a pipeline has only a single defect or very few defects that are not affecting its structural integrity, it is typically more cost effective to perform spot repairs to the localized defects rather than full rehabilitation or replacement. The Metropolitan Sewerage District of Buncombe County, NC (MSDBC) has been using cured in place pipe (CIPP) liners to make spot repairs to deteriorated sewer lines for a number of years now. The patches are part of a pre-assembled kit that is ordered through Infrastructure Repair Systems, Inc. (IRS) based on the type and severity of the defects that need to be repaired. The repairs are able to be completed by an in-house crew, avoiding costs for full design and contracting the work to outside agencies.

Case Study Link: <http://www.waterid.org/content/application-cipp-liner-patches-repair-wastewater-pipelines-buncombe-county-nc>