

**Knoxville Utilities Board  
Wastewater Technical Specifications  
Summary of Revisions  
March 2019**

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Note: This is only a brief summary of changes associated with the KUB's recent revision/update of selected waste water focused technical specifications. Interested parties are encouraged to thoroughly review and become familiar with these revised specifications prior to bidding KUB contracts.

These revisions are current as of 3/1/19. These revisions supersede previous versions unless otherwise stated.

**02546 – CIPP**

- Submittals section expanded to include Action Submittal requirements, required thickness design be stamped by TN PE
- Quality Assurance: added contractor experience requirement
- Resin: added spec requirements for chemical resistance and updated ASTM and product references
- Tube: added description with ASTM references, color requirement (not dark), updated manufacturers
- Catalysts: updated manufacturers and products
- Added Worker Safety Section
- Installation Procedures updated for Wet-Out, Insertion, etc.
- Steam, hot water, and UV curing are now acceptable
- Added requirements/procedures for the cure processes
- Drop manhole connections are abandoned and filled with flowable fill and replaced with internal drop per Owner approval
- Updated pipe correction table to list the 'design value' and test result requirement as a percentage of the design value