

**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.

**02530 – Sewer Manholes**

- Manhole detail drawings now found in separate appendix with other waste water details
- Composite grade rings are now acceptable for use
- Xypex additive now required for new manholes
- Manhole external joint seals are now required on all new manholes
- Manhole rehabilitation is no longer included in Section 02530. Manhole rehabilitation is now a separate specification section (See Section 02547 Manhole Rehabilitation)