



# City of Broken Arrow

## Request for Action

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**Broken Arrow Municipal Authority  
Meeting of: 05-16-2017**

**To:** Chairperson and Trustees  
**From:** Utilities Department  
**Title:**

**Presentation and update concerning the status of the Authority's Water and Wastewater Utility Infrastructure**

**Background:**

On May 3, 2016, City Staff made a presentation to the Authority concerning the status of its overall water and wastewater infrastructure. The presentation defined the tremendous impact that our community's unparalleled growth over the past 50-plus years has had on the Authority's infrastructure. Additionally, Staff discussed many of the challenges that the Authority faces with maintaining aging utility systems coupled with new rules and regulations that govern the treatment, operations, and maintenance of water and wastewater systems. Likewise, Staff detailed certain aspects of how new and emerging technologies, specifically with respect to detection limits, can have a positive effect on the treatment process, but can also adversely affect the cost to operate and maintain the systems.

As a part of the presentation, Staff identified several key projects associated with both the Authority's water and wastewater systems that were underway or scheduled to begin over the course of the following year or two. These projects were specifically aimed at greatly updating and revitalizing some critical areas that were in drastic need of attention.

In addition to the May 3, 2016 presentation, the Authority has expended a significant amount of time and effort on developing a 5-Year and a 7-Year Capital Improvements Program (CIP) specifically geared towards determining needed projects and associated costs to update, improve, and better equip the community's utility infrastructure. In conjunction with this effort, the Authority completed and finalized a comprehensive rate study as incorporated through Resolution No. 958 in the amended Manual of Fees dated December 6, 2016, that addressed adequate funding mechanisms to address the capital improvement, operational and maintenance needs for the utility systems.

This presentation is intended to serve as an update to the Authority on the progress associated with the capital improvement projects identified in the previous presentation.

**Cost:** No Cost

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**Reviewed By:** Utilities Department  
Engineering and Construction Department  
Assistant City Manager - Operations  
Legal Department

**Approved By:** Michael L. Spurgeon, City Manager

**Attachments:** None

**Recommendation:**  
No Action Required