



# City of Broken Arrow

## Request for Action

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**File #: 17-2261, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 06-05-17**

**To: Chairman and Authority Members**  
**From: Utilities Department**  
**Title: Acknowledgement of Submittal of the March through May 2017  
Pretreatment Report to the Regional Metropolitan Utility Authority  
(RMUA)**

### **Background:**

City of Broken Arrow pretreatment staff prepared a quarterly report to the Regional Metropolitan Utility Authority outlining pretreatment activities for significant industrial users and food handling establishments discharging wastewater to the Haikey Creek Wastewater Treatment Plant. The activities listed are for March through May 2017.

The following is a summary of the report:

One Broken Arrow significant industrial user (SIU) in the Haikey Creek Wastewater Treatment Plant basin is currently out of compliance with City of Broken Arrow pretreatment regulations as listed in the Broken Arrow discharge permits and municipal code.

Broken Arrow Powder Coating submitted their compliance monitoring report for the April-June quarter on May 17, 2017. The report showed a zinc result of 5.73 mg/L, which is 1.19 times over the daily limit of 2.61 mg/L. The City of Broken Arrow enforcement response plan calls for a notice of violation, which was issued on May 22<sup>nd</sup>. Broken Arrow Powder Coating has been asked to perform 3 additional samples in the last week of May to ensure compliance. Only one of the re-sample reports is currently available. Please see the related documentation included at the end of this report as attachment A.

Mandatory industrial user monitoring reports were received by the due dates. Surcharges for bio-chemical oxygen demand (BOD), total suspended solids (TSS), and oil & grease above residential thresholds were issued to Unifirst for March laboratory analysis in the amount of \$4,722.55, for April laboratory analysis in the amount of \$4,983.33 and for May laboratory analysis in the amount of \$4,464.47.

City pretreatment staff inspected 16 industrial sewer users this quarter as a part of the 5-year, comprehensive survey that is required by DEQ. The purpose of the survey is to determine compliance with the sewer use/pretreatment requirements that are outlined in Chapter 24, Article V of the Broken Arrow Municipal Code. Staff is looking at industrial processes that have waste streams to determine if a permit is necessary, and focusing on chemical storage as well as hazardous/waste disposal manifests. The information gathered will go into the industrial user database.

Pretreatment staff continues to make good progress on the Fats, Oil and Grease (FOG) program. Staff inspected 182 food handling establishments (FHE) in this quarter. Staff inspected manifests for grease interceptor (GI) maintenance, looked at GI, and discussed best management practices. FHEs with improperly-maintained interceptors have been asked to perform maintenance immediately. Re-checks are done for non-compliance issues.

Staff have been going door to door in neighborhoods that have experienced grease-related sanitary sewer overflows to hand out pollution prevention bags. The bags consist of a letter notifying the resident of the problem in their neighborhood, a gallon sized bottle for collecting cooking oil, recycling instructions, and FOG pollution prevention brochures. We went to 660 homes this quarter.

Broken Arrow pretreatment staff were asked to participate in a series of FOG seminars hosted by DEQ. The seminars are meant to assist smaller communities in developing procedures to control FOG discharges in their areas. The 1<sup>st</sup> seminar was on April 27th at the Great Plains Technology Center in Lawton and the 2<sup>nd</sup> was at the Heart of Oklahoma Exposition Center in Shawnee. Broken Arrow staff presented the steps that went into starting Broken Arrow's program such as; an initial survey, database development, paper file system, GI maintenance inspection form, best management practice development and SSO tracking procedures.

Staff recommends that the Authority acknowledge the March through May 2017 Pretreatment Report to the Regional Metropolitan Utility Authority.

**Cost:** \$0

**Prepared By:** Lauren Wilson, Pretreatment Coordinator

**Reviewed By:** Anthony Daniel, Director of Utilities Department  
Legal Department  
Kenneth Schwab, Assistant City Manager- Operations

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

**Attachments:** March through May 2017 Pretreatment Report to RMUA

**Recommendation:**

Acknowledge submittal of the March through May 2017 Pretreatment Report to RMUA.