



CITY OF  
**BROKEN ARROW**

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Utilities Department  
Post Office Box 610  
Broken Arrow, Oklahoma 74013

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**To:** Rick Hudson, Chairperson, Regional Metropolitan Utility Authority

**From:** Lauren Wilson, Pretreatment Coordinator, City of Broken Arrow

**Date:** Thursday, March 02, 2017

**Subject:** December 2016 through February 2017 RMUA Quarterly Pretreatment Report

Dear Mr. Hudson,

The following is a brief synopsis of the major activities of the Broken Arrow Industrial Pretreatment Program for, December 2016 to February 2017. This update is in regards to pretreatment issues and industrial wastewater discharges pertaining to the R.M.U.A.'s Haikey Creek WWTP.

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

#### **December 2016**

##### **Fats, Oil & Grease (FOG) Program:**

1. City of Broken Arrow pretreatment staff inspected 9 food handling establishments (FHE) in the month of December. 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.
2. A certified letter was mailed to Union Public Schools notifying them of non-compliance with Broken Arrow Municipal Code and requesting a compliance plan within 60 days. The letter gives Union Public Schools 24 months to install grease interceptors at Tom Peters and Christa McAuliffe Elementary Schools.

##### **Industrial Pretreatment Activities:**

1. City of Broken Arrow wastewater discharge permits require the permit holder to perform scheduled (either semi-annual, quarterly or monthly) self-monitoring for specific contaminants and report the analytical results to the City by the 15th of the following month. The following reports/certifications were received and reviewed in the month of December:
  - CSI Aerospace compliance monitoring report and laboratory analysis. No deficiencies were noted.
  - Unifirst compliance monitoring report and laboratory analysis. No deficiencies were noted.

*\*Surcharges for bio-chemical oxygen demand (BOD), total suspended solids (TSS), and oil & grease above residential thresholds were issued to Unifirst as a result of laboratory analysis in the amount of \$5,424.37.*

2. Broken Arrow pretreatment staff inspected 39 auto shops in the month of December. Staff is distributing BMP signs to auto shop managers and asking that they display them in a place where their employees can easily view. Staff is also looking at manifests for hazardous/waste disposal and entering the information into the database.

## January 2017

### Fats, Oil & Grease (FOG) Program:

1. City of Broken Arrow pretreatment staff inspected 8 food handling establishments (FHE) in the month of January. 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.
2. A certified letter was mailed to Broken Arrow Public Schools maintenance department asking for a compliance plan for the installation of GI at Leisure Park, Lynn Wood, and Vandever Elementary Schools. The plan should be sent to the City within 60 days and should provide a timeline for installation.

### Industrial Pretreatment Activities:

1. City of Broken Arrow wastewater discharge permits require the permit holder to perform scheduled (either semi-annual, quarterly or monthly) self-monitoring for specific contaminants and report the analytical results to the City by the 15th of the following month. The following reports/certifications were received and reviewed in the month of January:
  - Unifirst compliance monitoring report and laboratory analysis. No deficiencies were noted.

*\*Surcharges for Bio-chemical Oxygen Demand (BOD), Total Suspended Solids (TSS), and Oil & Grease above residential thresholds were issued to Unifirst as a result of laboratory analysis in the amount of \$5,939.88.*
2. Unifirst sent notification of the construction of a pretreatment facility. They will construct a dissolved air floatation (DAF) system at the Broken Arrow facility in order to pretreat wastewater before discharge into the city sewer system. The system will reduce Unifirst's environmental impact and should be completed by the end of February.
3. Broken Arrow pretreatment staff inspected 26 auto shops in the month of January. Staff is distributing BMP signs to auto shop managers and asking that they display them in a place where their employees can easily view. Staff is also looking at manifests for hazardous/waste disposal and entering the information into the database.
4. Broken Arrow pretreatment staff inspected 14 car washes in the month of January. Staff is looking for maintenance manifests for sand interceptors and oil/water separators. "No Dumping" signs are being distributed to self-service facilities asking the public not to dump motor oil or chemicals into car wash bays.

## February 2017:

### Fats, Oil & Grease (FOG) Program:

1. City pretreatment staff inspected 46 food handling establishments (FHEs) in the month of February. 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.



2. Pretreatment staff attended the Annual Broken Arrow Homeowner's Association Workshop with handouts for attendees such as, cooking oil collection bottles and recycling information.

**Industrial Pretreatment Activities:**

1. City of Broken Arrow wastewater discharge permits require the permit holder to perform scheduled (either semi-annual, quarterly or monthly) self-monitoring for specific contaminants and report the analytical results to the City by the 15th of the following month. The following reports/certifications were received and reviewed in the month of February:

- Unifirst compliance monitoring report and laboratory analysis. No deficiencies were noted.

*\*Surcharges for Bio-chemical Oxygen Demand (BOD), Total Suspended Solids (TSS), and Oil & Grease above residential thresholds were issued to Unifirst as a result of laboratory analysis in the amount of \$5,381.35.*

2. Staff performed an industrial user survey inspection at Baker Hughes. Baker Hughes was issued a permit application for the non-destructive testing process. All process wastewater is currently being manifested off-site by a certified waste hauler. I will keep you informed of the permit application process as it unfolds.

Thank you for your continued support of the City of Broken Arrow/RMUA industrial pretreatment program. Should you have any questions or concerns please do not hesitate to contact me at the Broken Arrow Lynn Lane WWTP office.

Sincerely,



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