



**City of Broken Arrow**  
**Meeting Agenda**  
**Broken Arrow Municipal Authority**

*Chairperson Craig Thurmond*  
*Vice Chair Scott Eudey*  
*Trustee Mike Lester*  
*Trustee Johnnie Parks*  
*Trustee Debra Wimpee*

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**Wednesday, January 2, 2019**

**Council Chambers**

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**TIME: Immediately following the City Council Meeting which begins at 6:30 p.m.**

**1. Call to Order**

**2. Roll Call**

**3. Consideration of Consent Agenda**

- A.     [19-25](#)           Approval of Broken Arrow Municipal Authority Meeting Minutes of December 18, 2018
- Attachments:**   [12-18-2018 BAMA Minutes](#)
- B.     [19-91](#)           Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of November 2018
- Attachments:**   [Total Water Usage-November 2018](#)
- C.     [19-92](#)           Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of November 2018
- Attachments:**   [November Discharge Monitoring Report](#)  
                                  [November Monthly Operational Report](#)
- D.     [19-82](#)           Award the lowest responsible bid for the Base Bid to Cherokee Pride Construction, Inc. and approve and authorize execution of a construction contract for the Tiger Hill Water Storage Tank Restoration (Project No. 185432)
- Attachments:**   [Certified Bid Tab](#)
- E.     [19-90](#)           Award the most advantageous bid to P & K Equipment for the purchase of one (1) compact rubber tracked loader for the Water Plant
- Attachments:**   [Bid 19.129](#)

- F. [18-1408](#) Approval of the Broken Arrow Municipal Authority Claims List for January 02, 2019

**Attachments:** [01-02-19 BAMA CL 2.pdf](#)

**4. Consideration of Items Removed from Consent Agenda**

**5. Public Hearings, Appeals, Presentations, Recognitions, Awards**

- A. [19-113](#) Consideration, discussion and possible direction to Staff to enter into negotiations for the potential acquisition of Green Country Sewer District located at 20108 East 33rd Place South, Broken Arrow, Oklahoma 74014

**Attachments:** [Aerial Photograph - Overall Map](#)  
[Aerial Photograph - Detailed Site map](#)

**6. General Authority Business - NONE**

**7. Executive Session**

**Executive Session for the purpose of confidential communications between the Broken Arrow Municipal Authority, the City Manager and the City Attorney, and possible action in open session on matters pertaining to the following:**

- 1. The possible purchase and appraisal of real property located at the southwest corner of West Albany Street (East 61st Street) and North Olive Avenue (South 129th East Avenue), in Broken Arrow, Oklahoma, and possible action in open session, including authorization to negotiate for the potential purchase of this real property and obtain additional appraisals for this real property, under 25 O.S. §307(B)(3).**

**In the opinion of the City Attorney, the Authority is advised that disclosure will impair the ability of the Authority to process the pending appraisal and acquisition of real property in the public interest. After the conclusion of the confidential portion of executive session, the Authority will reconvene in open meeting, and the final decision, if any, will be put to a vote.**

**8. Adjournment**

**NOTICE:**

If you wish to speak at this evening's meeting, please fill out a "Request to Speak" form. The forms are available from the City Clerk's table or at the entrance door. Please turn in your form prior to the start of the meeting. Topics are limited to items on the currently posted agenda, or relevant business.

All cell phones and pagers must be turned OFF or operated SILENTLY during meetings.

Exhibits, petitions, pictures, etc., shall be received and deposited in case files to be kept at the Broken Arrow City Hall. If you are a person with a disability and need some accommodation in order to participate in this meeting, please contact the City Clerk at 918-259-2400 Ext. 5418 to make arrangements.

POSTED this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, at \_\_\_\_\_  
a.m./p.m.

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City Clerk



# City of Broken Arrow

## Request for Action

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**File #: 19-25, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 01-02-2019**

**Title:**

Approval of Broken Arrow Municipal Authority Meeting Minutes of December 18, 2018

**Background:**

Minutes recorded for the Broken Arrow Municipal Authority Meeting.

**Cost:** \$15.20

**Funding Source:** City Clerk Operational Fund

**Requested By:** Russell Gale, Assistant City Manager of Administration

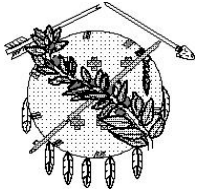
**Approved By:** Michael L. Spurgeon, City Manager

**Attachments:** 12 18 18 BAMA Meeting minutes

**Recommendation:**

Approve the minutes of December 18, 2018 for the Broken Arrow Municipal Authority meeting.





**City of Broken Arrow**  
**Minutes**  
**Broken Arrow Municipal Authority**

City Hall  
220 S 1st Street  
Broken Arrow OK  
74012

*Chairperson Craig Thurmond*  
*Vice Chair Scott Eudey*  
*Trustee Mike Lester*  
*Trustee Johnnie Parks*  
*Trustee Debra Wimpee*

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**Tuesday, December 18, 2018**

**Council Chambers**

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**1. Call to Order**

Chairman Craig Thurmond called the meeting to order at approximately 7:09 p.m.

**2. Roll Call**

**Present: 5 -** Debra Wimpee, Johnnie Parks, Mike Lester, Scott Eudey, Craig Thurmond

**3. Consideration of Consent Agenda**

Chairman Thurmond asked if there were any items to be removed from the Consent Agenda. There were none.

MOTION: A motion was made by Johnnie Parks, seconded by Debra Wimpee.

**Move to approve the Consent Agenda**

The motion carried by the following vote:

**Aye: 5 -** Debra Wimpee, Johnnie Parks, Mike Lester, Scott Eudey, Craig Thurmond

- A. 18 1139 Approval of Broken Arrow Municipal Authority Meeting Minutes of December 4, 2018**
- B. 18 1371 Award the lowest responsible bid to Tonto Environmental, LLC, and approve and authorize execution of a construction contract for the Verdigris River Water Treatment Plant Residuals Disposal Lagoon No. 1 and 2**
- C. 18 1507 Award the lowest responsible bid to Walters Morgan Construction, Inc. and approve and authorize execution of a construction contract for the Haikey Creek Waste Water Treatment Plant Rehabilitation Grit Building Rehabilitation (Project No. S1802)**
- D. 18 1495 Approval of and authorization to execute Change Order CO2 for Construction Contract 165420/165423; Lynn Lane Wastewater Treatment Plant Headworks Improvements**
- E. 18 74 Approval of the Broken Arrow Municipal Authority Claims List for December 18, 2018**

**4. Consideration of Items Removed from Consent Agenda**

There were no items removed from the Consent Agenda. No action was required or taken.

**5. Public Hearings, Appeals, Presentations, Recognitions, Awards**

There were no Public Hearings, Appeals, Presentations, Recognitions or Awards.

**6. General Authority Business**

- A. 18-1481 Consideration, discussion and possible approval of and authorization to execute an agreement between Broken Arrow Municipal Authority (BAMA) and Tulsa Recycle and Transfer (TRT) for the processing and auditing of recyclables from the Recycling Pilot Project areas**

Director of General Services, Lee Zirk, reported on December 5, 2017 the Broken Arrow

Municipal Authority approved the Citizen's Recycling Committee recommendation to conduct two concurrent pilot projects, one with a recycling cart and trash cart, the other with a recycling cart and trash bag service. He stated as a part of the project the processing of recyclables was necessary. He reported Tulsa Recycling and Transfer (TRT) was the facility the City of Tulsa used to process recyclables. He reported the agreement would expire on June 30, 2019 and contained an option to renew for an additional year for processing of recyclables. He stated during the pilot project TRT would conduct two material audits of each pilot project, one at the beginning and one at the end, in order to measure the type of material weights, and rejected materials for presentation to City Council upon completion of the pilot program. He stated under the agreement Broken Arrow Municipal Authority would pay TRT \$78.60 for every ton of program recyclables; this covered processing costs. He stated BAMA would receive 80% of the revenue the program's recyclables generated which would be applied to the recycling processing cost. He stated the solid waste consultant, Gershman, Brickner & Bratton, Inc. (GBB) estimated collection of approximately 25 tons of recyclable materials per month during the pilot project and it was estimated to cost BAMA approximately \$1,062 dollars per month for processing.

MOTION: A motion was made by Mike Lester, seconded by Debra Wimpee.

**Move to approve and authorize execution of an agreement between Broken Arrow Municipal Authority (BAMA) and Tulsa Recycle and Transfer (TRT) for the processing and auditing of recyclables from the Recycling Pilot Project areas**

The motion carried by the following vote:

**Aye:** 5 - Debra Wimpee, Johnnie Parks, Mike Lester, Scott Eudey, Craig Thurmond

#### **7. Executive Session**

There was no Executive Session.

#### **8. Adjournment**

The meeting adjourned at approximately 7:13 p.m.

MOTION: A motion was made by Johnnie Parks, seconded by Scott Eudey.

**Move to adjourn**

The motion carried by the following vote:

**Aye:** 5 - Debra Wimpee, Johnnie Parks, Mike Lester, Scott Eudey, Craig Thurmond

**Attest:**

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**Chairman**

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**Secretary**



# City of Broken Arrow

## Request for Action

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**File #: 19-91, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 01-02-2019**

**Title:**

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Water Supply Report for the month of November 2018

**Background:**

In an effort to provide the Authority and the Public more information with respect to our community's water usage, the Utilities Department Staff has prepared a Total Water Supply Report that records total daily water usage, as well as monthly water volume delivered to the community.

Over the course of the eleventh month of the year, the Maximum Water Plant Production Day was 19.3 million gallons per day (MGD) recorded on July 11, 2018. The Average Day usage through the end of November is 8.4 MGD. Total water treated at the plant up to the end of November is 251.8 million gallons (MG). Total water purchased from Tulsa for the month of November is 15.9 MG.

This report will be updated on a monthly basis. Staff recommends the Authority acknowledge submittal of the Report.

**Cost:** None

**Funding Source:** None

**Requested By:** Charles Vokes, Utilities Director

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

**Attachments:** Total Water Usage-November 2018

**Recommendation:**

Acknowledge submittal of the Monthly Water Usage Report.

Total Water Usage - 2018												
Day\Mon	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	10.8	9.1	7.4	8.5	10.5	13.4	12.5	14.0	14.3	13.3	8.3	
2	8.6	7.9	8.4	7.7	11.3	14.0	15.5	14.4	13.7	12.7	5.9	
3	8.6	8.7	8.3	9.3	8.1	15.7	17.7	16.6	15.5	13.2	6.1	
4	10.9	9.2	7.6	9.4	9.3	15.2	17.9	16.1	13.9	11.9	6.3	
5	7.8	8.1	9.3	7.9	10.6	15.1	16.3	16.0	13.5	12.1	6.9	
6	9.1	8.3	8.0	8.7	11.3	16.8	16.0	16.4	11.1	11.3	7.9	
7	9.0	8.5	8.7	8.2	12.2	13.1	14.6	14.0	10.8	9.3	9.7	
8	9.0	8.5	8.8	7.8	13.0	12.7	14.8	11.8	10.7	11.6	8.4	
9	9.0	9.6	8.3	10.0	13.3	14.2	14.2	13.7	11.2	9.5	8.1	
10	8.3	7.7	9.3	8.4	13.5	15.6	16.9	13.6	13.4	9.5	8.8	
11	8.2	9.0	8.0	9.9	14.2	16.1	19.3	13.5	11.5	9.5	9.5	
12	8.8	8.2	8.9	11.1	13.6	12.5	16.0	13.1	14.0	10.1	8.2	
13	9.5	9.0	8.6	8.1	14.4	11.6	17.5	12.6	13.5	8.6	8.4	
14	9.6	8.5	8.3	9.2	15.2	15.1	15.7	10.2	14.5	9.5	9.4	
15	7.9	9.4	10.1	9.5	11.8	15.7	13.8	11.4	14.2	9.0	8.0	
16	8.2	9.8	9.0	9.5	12.5	16.7	14.6	10.2	15.3	9.4	8.7	
17	11.0	8.1	10.1	11.0	10.6	15.7	13.7	10.4	15.5	9.9	9.5	
18	8.4	9.1	8.2	10.4	13.7	17.8	14.2	11.7	15.3	9.6	8.6	
19	8.9	7.8	9.5	10.5	13.3	14.4	16.6	10.6	15.1	8.6	9.0	
20	9.9	8.7	8.3	10.6	11.9	14.9	17.5	10.3	14.8	9.5	8.5	
21	8.3	7.8	9.3	8.2	11.8	14.6	17.5	11.0	11.7	9.6	9.9	
22	10.3	7.0	10.2	9.2	13.7	15.8	16.9	8.9	11.3	10.5	9.0	
23	8.2	9.1	10.2	8.9	13.9	12.2	16.3	13.2	10.2	9.3	8.8	
24	8.9	7.5	9.0	10.3	12.5	11.9	16.7	14.1	11.8	10.4	8.7	
25	8.7	8.9	9.8	8.5	14.1	12.1	16.7	13.6	11.2	8.8	9.2	
26	9.2	8.9	8.1	8.5	14.3	12.9	15.9	14.7	12.2	9.0	8.4	
27	8.9	7.2	8.1	10.4	15.8	15.7	14.3	16.2	11.2	9.0	8.5	
28	9.5	8.6	9.4	9.2	16.8	17.2	13.7	14.4	12.7	10.7	8.1	
29	9.8		7.8	11.0	15.8	17.3	12.6	15.3	11.7	9.4	9.1	
30	7.9		8.9	12.0	12.1	17.4	13.5	15.4	12.8	10.4	7.9	
31	9.1		9.4		11.3		11.2	15.9		9.1		
Mon. Total	280.3	238.2	273.3	281.9	396.4	443.4	480.6	413.3	388.6	314.3	251.8	
Plant Avg. Day	9.0	8.5	8.8	9.4	12.8	14.8	15.5	13.3	13.0	10.1	8.4	
Monthly Purchase	1.2	1.0	0.4	0.2	0.3	0.8	24.6	20.5	7.0	0.6	15.9	
Total Month	281.5	239.2	273.7	282.1	396.7	444.2	505.2	433.8	395.6	314.9	267.7	
Total Avg. Day	9.1	8.5	8.8	9.4	12.8	14.8	16.3	14.0	13.2	10.2	8.9	

Verdigris Finished Water (MG):	3,762.1	Plant Annual Max. Day (MGD):	19.3
Tulsa Purchase Water (MG) <sup>(1)</sup> :	72.6	Plant Annual Avg. Day (MGD):	11.2
Total Finished Water (MG):	3,834.7	Plant Annual Min. Day (MGD):	5.9
Total System Annual Avg. Day (MGD):		11.5	

**Notes:**

(1) Actual take is calculated from the billing records for the individual month.

Prepared by: Jimmy Helms  
Water Plant Manager  
12/19/2018



# City of Broken Arrow

## Request for Action

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**File #: 19-92, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 01-02-2019**

**Title:**

Acknowledgement of submittal of the Broken Arrow Municipal Authority's Wastewater Discharge Monitoring Report for the month of November 2018

**Background:**

In an effort to provide the Authority and the Public more information with respect to our community's wastewater collection and treatment at the City's Lynn Lane Wastewater Treatment Plant, the Utilities Department staff is attaching a copy of the November 2018 Oklahoma Department of Environmental Quality (ODEQ) Discharge Monitoring Report (DMR) submitted to ODEQ on December 14, 2018.

Over the course of the month of November 2018, the total wastewater collected, treated and discharged is 119.94 million gallons (MG). The average flow was 2.879 MG.

This report will be updated on a monthly basis. Staff recommends the Authority acknowledge submittal of the Report.

**Cost:** None

**Funding Source:** None

**Requested By:** Charles Vokes, Utilities Director

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

**Attachments:** November Discharge Monitoring Report  
November Monthly Operational Report

**Recommendation:**

Acknowledgement of submittal of the Monthly Discharge Monitoring Report.

**National Pollutant Discharge Elimination System (NPDES)  
Oklahoma Department of Environmental Quality Discharge Monitoring Report (DMR)**

PERMITTEE NAME: Broken Arrow, City of  
MAILING ADDRESS: NESESES11T17NR14EIM  
Broken Arrow, OK 74013  
FACILITY: Broken Arrow WWT  
LOCATION: NESESES11T17NR14EIM  
Broken Arrow, OK 74013

PERMIT NUMBER: OK0040053

MONITORING POINT: 001A

COUNTY:

Tulsa

Monitoring Period:

2018-11-01 To: 2018-11-30

NO DISCHARGE FROM SITE:

()

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
BOD, 5-DAY (20 DEG. C)	Sample Measurement	292.93	*****	26 lb/day	*****	12.14	14	19 mg/l	0	Five Per Week	COMP12
PARAM CODE: 00310 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****		*****	30 Monthly Average	45 Weekly Average			Five Per Week	COMP12
PH	Sample Measurement	*****	*****		7.2	*****	7.4	12 pH	0	Daily	GRAB
PARAM CODE: 00400 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		6.5 Minimum	*****	9.0 Maximum			Daily	GRAB
SOLIDS, TOTAL SUSPENDED	Sample Measurement	78.96	*****	26 lb/day	*****	3.29	4.00	19 mg/l	0	Five Per Week	COMP12
PARAM CODE: 00530 Stage Code: 1 Effluent Gross	Permit Requirement	2001.6 Monthly Average	*****		*****	30 Monthly Average	45 Weekly Average			Five Per Week	COMP12
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	Sample Measurement	2.879	3.302	03 MGD	*****	*****	*****		0	Daily	TOTALZ
PARAM CODE: 50050 Stage Code: 1 Effluent Gross	Permit Requirement	Report Monthly Average	Report Maximum Daily		*****	*****	*****			Daily	TOTALZ
CHLORINE, TOTAL RESIDUAL	Sample Measurement	*****	*****		*****	*****	< 0.03	19 mg/l	0	Daily	GRAB
PARAM CODE: 50060 Stage Code: A Disinfection, Process Complete	Permit Requirement	*****	*****		*****	*****	0.099 Instantaneous Maximum			Daily	GRAB
E. COLI	Sample Measurement	*****	*****		*****	3.6	16.0	30 MPN/100mL	0	Weekly	GRAB
PARAM CODE: 51040 Stage Code: 1 Effluent Gross	Permit Requirement	*****	*****		*****	630 Geometric Mean	2030 Maximum Daily			Weekly	GRAB
SOLIDS, TOTAL DISSOLVED-180 DEG.C	Sample Measurement	11979	*****	26 lb/day	*****	435	435	19 mg/l	0	Monthly	COMP12
PARAM CODE: 70300 Stage Code: 1 Effluent Gross	Permit Requirement	77929 Monthly Average	*****		*****	1168 Monthly Average	1168 Maximum Daily			Monthly	COMP12

Name/Title of Principal Executive Officer Or Authorized Agent  
WWTP Mgr.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Signature of Principal Executive Officer Or Authorized Agent

David Handy

Telephone No

918-455-4762

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

**National Pollutant Discharge Elimination System (NPDES)  
Oklahoma Department of Environmental Quality Discharge Monitoring Report (DMR)**

**PERMITTEE NAME:** Broken Arrow, City of  
**MAILING ADDRESS:** NESESES11T17NR14EIM  
 Broken Arrow, OK 74013  
**FACILITY:** Broken Arrow WWT  
**LOCATION:** NESESES11T17NR14EIM  
 Broken Arrow, OK 74013

**PERMIT NUMBER:** OK0040053

**MONITORING POINT:** 001A

**COUNTY:**

Tulsa

**Monitoring Period:** 2018-11-01 To: 2018-11-30

**NO DISCHARGE FROM SITE:** ( )

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
MERCURY, TOTAL (AS HG)	Sample Measurement	0.0014	*****	26 lbs/day	*****	< 0.05	< 0.05	28 ug/l	0	Monthly	COMP12
PARAM CODE: 71900 Stage Code: 1 Effluent Gross	Permit Requirement	0.0535 Monthly Average	*****		*****	0.952 Monthly Average	1.9 Maximum Daily		Monthly	COMP12	
Name/Title of Principal Executive Officer Or Authorized Agent		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY ENQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							Signature of Principal Executive Officer Or Authorized Agent		Telephone No
WWTP Mgr.									David Handy		918-455-4762

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)





MONTHLY OPERATIONAL REPORT  
City of Broken Arrow Lynn Lane Wastewater Treatment Facility  
November-18

		WEATHER			INFLUENT							OXIDATION DITCH						SLUDGE				FINAL EFFLUENT														STREAM SURVEILLANCE													
Date	Day	°F	Rain	Cloud Conditions	Flow (MGD)	RAS (MGD)	°C	pH	Alk.	Sett. Solids	TSS (mg/L)	BOD (mg/L)	D.O. ( mg/L )	30 Min. Sett.	SVI (ml/gm)	MLSS (mg/L)	Sl. Age (Days)	WAS ( MGD )	CAKE ( % )	LANDFILL (Tons)	LANDFILL (D.M. Tons)	°C	D.O. (mg/L)	TDS (mg/L)	TDS (lbs)	pH	Alk.	TSS (mg/L)	TSS (lbs)	BOD (mg/L)	BOD (lbs)	Hg	Hg (lbs.)	E.Coli	Cl2 Res	Flow (MGD)	°C Upstr.	°C Dnstr.	D.O. Upstr.	D.O. Dnstr.	pH Upstr.	pH Dnstr.	App. Upstr.	App. Dnstr.	Fec. Coli. Upstr.	Fec. Coli. Dnstr.	Hrds.		
1	Thur	57	0.17	cloudy	3.935	3.083	20	7.5	259	9	146	215	0.2	330	161	2,050	14	0.214	16	39.04	6.06	19	7.7			7.3	154	2.00	47.92	9.00	215.65				0.03	2.873													
2	Fri	63	0.00	clear	4.283	2.732	20	7.5	261	16	294	386	0.2	280	144	1,940	6	0.216	16	18.08	2.81	19	7.8			7.3	151								0.03	3.102													
3	Sat	67	0.41	cloudy	4.096	2.830	20	7.6	293	12			1.6	300				0.238				19	7.5			7.3	175								0.03	2.982													
4	Sun	60	0.01	cloudy	4.450	2.600	20	7.5	251	15			1.8	270				0.211				19	7.6			7.3	162	2.00	53.63	8.00	214.50				0.03	3.215													
5	Mon	71	0.10	cloudy	4.592	3.009	20	7.4	300	8	162	227	0.2	250	102	2,460	13	0.195	14	59.09	8.03	20	7.2	435	11,979	7.3	157	2.00	55.08	7.00	192.77	0.00005	0.0014		0.03	3.302													
6	Tues	66	0.00	cloudy	4.392	3.192	20	7.4	302	15	262	277	0.2	290	159	1,820	6	0.200	14	38.66	5.25	20	7.2			7.4	173	2.00	52.94	9.00	238.24			1.0	0.03	3.174													
7	Wed	62	0.00	cloudy	4.070	3.249	20	7.4	303	16	262	282	0.3	300	153	1,960	7	0.203	15	58.73	8.55	20	7.3			7.3	170	3.00	74.66	15.00	373.30				0.03	2.984													
8	Thur	49	0.14	cloudy	3.975	3.256	20	7.5	271	7.5	99	205	0.9	260	142	1,830	19	0.216	15	14.25	2.07	20	7.6			7.2	160	2.00	47.92	10.00	239.61				0.03	2.873													
9	Fri	49	0.00	p. cloudy	3.964	3.146	19	7.5	260	15	198	332	1.2	220	149	1,475	8	0.228				19	7.7			7.3	157								0.03	2.892													
10	Sat	48	0.00	clear	3.749	3.366	19	7.5	305	19			2.0	220				0.214				19	7.8			7.3	146								0.03	2.816													
11	Sun	50	0.00	cloudy	4.025	3.145	20	7.6	310	18			2.0	210				0.210				19	7.7			7.4	141	3.00	72.93	15.00	364.67				0.03	2.915													
12	Mon	45	0.22	cloudy	4.142	1.879	19	7.6	294	9	218	261	0.4	160				0.209				18	7.5			7.3	155	4.00	99.98	12.00	299.94				0.03	2.997													
13	Tues	35	0.00	p. cloudy	4.446	2.642	18	7.5	280	16	256	389	0.6	150	74	2,030	7	0.198	15	43.27	6.30	16	7.3			7.3	170	4.00	105.88	16.00	423.54			16.0	0.03	3.174													
14	Wed	42	0.00	clear	4.170	3.254	18	7.5	268	17	120	292	0.7	170	101	1,680	13	0.198	15	36.77	5.35	17	7.7			7.3	165	3.00	71.81	13.00	311.17				0.03	2.870													
15	Thur	64	0.00	clear	4.080	3.130	19	7.5	287	5	159	304	0.4	120	57	2,100	13	0.211	16	20.68	3.21	16	7.9			7.3	166	4.00	95.64	14.00	334.75				0.03	2.867													
16	Fri	67	0.00	clear	3.979	3.680	19	7.5	275	15	202	389	0.2	200	97	2,060	10	0.209	16	23.52	3.65	17	7.6			7.3	178								0.03	2.868													
17	Sat	69	0.00	clear	3.759	3.263	20	7.6	298	5			1.1	170				0.219				20	7.8			7.4	170								0.03	2.687													
18	Sun	43	0.00	cloudy	3.937	3.174	20	7.7	296	4			1.3	200				0.221				19	7.9			7.4	170	4.00	94.51	15.00	354.41				0.03	2.833													
19	Mon	53	0.00	p. cloudy	4.079	3.688	19	7.5	297	19	126	274	0.3	210	105	2,000	16	0.206	14	18.45	2.51	18	7.8			7.4	175	4.00	96.81	13.00	314.63				0.03	2.902													
20	Tues	54	0.00	clear	3.866	3.047	18	7.5	285	20	154	284	0.5	220	109	2,020	14	0.205	14	43.24	5.87	17	7.8			7.4	187	4.00	93.57	12.00	280.72			2.0	0.03	2.805													
21	Wed	62	0.00	clear	3.851	3.358	17	7.5	293	15	346	461	0.4	220				0.213	11	39.99	4.27	17	7.6			7.2	184	4.00	93.41	13.00	303.58				0.03	2.800													
22	Thur	62	0.00	clear	3.969	2.401	19	7.3	290	16	308	317	0.5	250				0.214	11	18.90	2.02	19	7.8			7.4	159	4.00	97.41	14.00	340.94				0.03	2.920													
23	Fri	64	0.00	cloudy	3.872	3.100	19	7.4	310	17	296	358	0.3	270				0.230				18	7.7			7.4	176								0.03	2.777													
24	Sat	74	0.00	clear	3.641	3.100	18	7.4	301	20			0.4	270				0.208				19	7.6			7.3	179								0.03	2.673	PARTIAL WEEKLY AVG.NO.'s												
25	Sun	60	0.00	cloudy	3.794	3.234	19	7.4	308	19			0.2	250				0.188				18	7.4			7.4	175	4.00	91.04	15.00	341.40				0.03	2.729	Date	Week No.	TSS	BOD									
26	Mon	44	0.00	p. cloudy	4.003	3.694	18	7.5	283	20	290	334	0.3	340	142	2,390	8	0.183	13	43.49	5.49	17	7.9			7.4	191	3.00	71.36	11.00	261.64				0.03	2.852													
27	Tues	47	0.00	clear	3.764	3.565	19	7.5	285	22	370	397	0.3	310	133	2,330	7	0.202	24	40.98	9.54	17	7.9			7.3	181	4.00	89.10	12.00	267.31			5.0	0.03	2.671													
28	Wed	60	0.00	cloudy	3.668	3.364	18	7.5	284	21	294	380	0.2	350	162	2,160	8	0.200	15	39.96	5.82	17	7.8			7.3	183	3.00	64.80	12.00	259.21				0.03	2.590													
29	Thur	72	0.00	p. cloudy	3.747	3.479	19	7.5	293	22	456	464	0.2	310	123	2,530	6	0.220	12	21.50	2.50	18	7.6			7.3	180	4.00	87.80	10.00	219.51				0.03	2.632													

REMARKS : No solids test run due the holidays

Electrical Costs :	15,638.23
Labor Costs :	75,317.98
Chemicals, Lab Supplies & Services :	19,988.85
Repairs, Maint., Services & Admin. :	34,871.60
Sludge (Generation & Transportation) :	18,936.49
TOTAL COSTS :	164,753.15
COST / TRTD. 1000 GAL :	1.91





# City of Broken Arrow

## Request for Action

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**File #: 19-82, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 01-02-2019**

**Title:**

Award the lowest responsible bid for the Base Bid to Cherokee Pride Construction, Inc. and approve and authorize execution of a construction contract for the Tiger Hill Water Storage Tank Restoration (Project No. 185432)

**Background:**

Holloway, Updike, and Bellen, Inc., was retained by BAMA to design the referenced project for the west tank on Tiger Hill. The existing tank is a welded steel, 1 million gallon (MG) water storage tank, originally constructed in 1976. In 2014, BAMA contracted with Utility Service Company, Inc. to conduct a condition assessment of BAMA's six water storage tanks (total nominal storage capacity = 11 MG). The resulting reports recommended that BAMA perform needed improvements and repairs, including but not limited to the removal and replacement of coatings on the west tank's interior and exterior surfaces. Specifically, this project includes the following work in the base bid and additive alternates: installation and startup of a Pax Water Technologies mixer, surface preparation and application of coatings to the interior and exterior of the tank, installation of new motor operated valves including valve vaults, sample taps and level sensors for all three Tiger Hill Tanks, telemetry/SCADA improvements to allow remote control of valves, and miscellaneous improvements to the tank (ladders, roof hatches and vents, cathodic protection).

The project was advertised for bids on November 12 and November 19, 2018. A non-mandatory pre-bid meeting was held on November 27, 2018. Bids were opened on December 18, 2018 and four (4) bids were received. All bids were responsive. The Certified Bid Tabulation is attached. The bids submitted were composed of the lump sum Base Bid (tank restoration work and construction allowance), Additive Alternate A (additional cost for a polyurea tank coating system), Additive Alternate B (valve vault improvements), and Additive Alternate C (tank cathodic protection system). The lowest responsible bidder was Cherokee Pride Construction, Inc., with a Base Bid of \$572,000.00, Alternate A bid of \$78,000.00, Alternate B bid of \$480,000.00, and Alternate C bid of \$88,000.00. The engineer's cost estimate was \$550,000.00 for the Base Bid, \$464,600.00 for Alternate A, \$165,000.00 for Alternate B, and \$45,000.00 for Alternate C.

**Cost:** \$572,000.00

**Funding Source:** Oklahoma Water Development Board loan FAP-17-0004-L

**Requested By:** Alex M. Mills, P.E., CFM, Director of Engineering and Construction

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

**Attachments:** Certified Bid Tabulation


**Recommendation:**

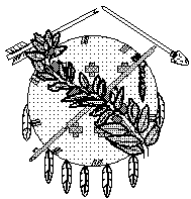
Award the lowest responsible bid for the Base Bid to Cherokee Pride Construction, Inc., and approve and authorize execution of a construction contract for the Tiger Hill Water Storage Tank Restoration

**BID TABULATION**  
**TIGER HILL WATER TANK RESTORATION**  
**PROJECT NO. 185432    BID NO. 19.139**  
**BID OPENING 12/18/2018 AT 2:00 P.M. AT THE CITY OF BROKEN ARROW OPERATIONS BUILDING**

Item # No.	Pay Item Description BASE BID	Units	Quantity	Engineer's Estimate		Cherokee Pride Construction, Inc.		Stronghand, L.L.C.		Tank Pro, Inc.		Crossland Heavy Contractors, Inc.	
				Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension
1	Contractor Mobilization and Demobilization	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 100,000.00	\$ 100,000.00	\$ 93,000.00	\$ 93,000.00	\$ 25,000.00	\$ 25,000.00	\$ 57,000.00	\$ 57,000.00
2	Tiger Hill West Tank Restoration (Complete)	LS	1	\$ 475,000.00	\$ 475,000.00	\$ 422,000.00	\$ 422,000.00	\$ 437,000.00	\$ 437,000.00	\$ 607,164.00	\$ 607,164.00	\$ 580,000.00	\$ 580,000.00
3	Construction Allowance	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Total Base Bid				\$ 550,000.00		\$ 572,000.00		\$ 580,000.00		\$ 682,164.00		\$ 687,000.00	
ADDITIVE ALTERNATES													
4	Polyurea Tank Coating System (Additional Cost)	LS	1	\$ 165,000.00	\$ 165,000.00	\$ 78,000.00	\$ 78,000.00	\$ 192,000.00	\$ 192,000.00	\$ 400,000.00	\$ 400,000.00	\$ 680,000.00	\$ 680,000.00
Total Additive Alternate A				\$ 165,000.00		\$ 78,000.00		\$ 192,000.00		\$ 400,000.00		\$ 680,000.00	
5	Valve Vault Improvements (Complete)	LS	1	\$ 464,600.00	\$ 464,600.00	\$ 480,000.00	\$ 480,000.00	\$ 460,000.00	\$ 460,000.00	\$ 350,000.00	\$ 350,000.00	\$ 287,000.00	\$ 287,000.00
Total Additive Alternate B				\$ 464,600.00		\$ 480,000.00		\$ 460,000.00		\$ 350,000.00		\$ 287,000.00	
6	West Tank Cathodic Protection (Complete)	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 88,000.00	\$ 88,000.00	\$ 34,000.00	\$ 34,000.00	\$ 28,000.00	\$ 28,000.00	\$ 32,000.00	\$ 32,000.00
Total Additive Alternate C				\$ 45,000.00		\$ 88,000.00		\$ 34,000.00		\$ 28,000.00		\$ 32,000.00	
Total Base Bid + Alternate A + Alternate B + Alternate C				\$ 1,224,600.00		\$ 1,218,000.00		\$ 1,266,000.00		\$ 1,460,164.00		\$ 1,686,000.00	

I certify that this is a true and correct Tabulation of Bids received at 2:00 pm on December 18, 2018. This document does not imply that the contract will be awarded to any particular bidder. BAMA reserves the right to accept or reject any and all bids.

  
 Roger D. Hughes, P.E.  
 Engineering Division Manager



# City of Broken Arrow

## Request for Action

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**File #: 19-90, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 01-02-2019**

**Title:**

Award the most advantageous bid to P & K Equipment for the purchase of one (1) compact rubber tracked loader for the Water Plant

**Background:**

The Utilities Department has budgeted for the purchase of one compact rubber tracked loader to be used for dam maintenance and repair. Funds for the purchase are available in the Departmental Capital Outlay for FY2019.

Bid packages were sent to fifteen (15) vendors. Eight (8) bids were received. City staff has reviewed the bids received and identified the bid from P & K Equipment at \$71,150.00 as the lowest responsible bid as it meets specifications and is the lowest price among the eight (8) bidders complying with the specifications.

**Cost:** \$ 71,150.00

**Funding Source:** BAMA

**Requested By:** Charles Vokes, Utilities Director

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

**Attachments:** Bid 19.129

**Recommendation:**

Award the most advantageous bid to P & K Equipment for the purchase of one compact rubber tracked loader.

Bid 19,129  
Compact Rubber Tracked Loader  
Bid Date 11/21/2018

	Item		P & K Equipment	Yellow House	Kubota of Tulsa	BrownCo Mfg	OCT Equipment, LLC	White Star	Warren CAT	Lift Truck Services Center
	Specification		John Deere 331G	John Deere 331G	Kubota SVL95-2SHFC	2019 Wacker Neuson ST4S	Case TV450	Bobcat T-770	2019 Caterpillar 299D2	ASV RT120
Item Number		Qty	each price	each price	each price	each price	each price	each price	each price	each price
	Compact Rubber Tracked Loader	1	\$64,350.00	\$61,867.24	\$60,783.30	\$65,691.75	\$60,946.00	\$62,688.83	\$68,915.00	\$97,118.00
	<b>Options</b>									
1	Cab, Fully Enclosed	1	Included	Included	\$2,698.00	Included	\$1,393.00	\$8,197.31	Included	\$6,471.00
2	A/C-Heat	1	Included	Included	Included	Included	Included	Included	Included	-\$5,500.00
3	Auxiliary Hydraulics	1	Included	Included	Included	Included	Included	Included	Included	Included
4	High Flow Hydraulics	1	Included	\$1,293.73	Included	Included	\$1,954.00	Included	\$4,435.00	Included
5	Quick Change Tool System	1	Included	\$511.78	Included	Included	Included	Included	\$975.00	Included
6	GPS System	1	Included	Included	\$350.00	Included	\$638.00	\$650.00	Included	N/A
7	Keyless Start & Stop	1	Included	Included	N/A	Included	Included	Included	Included	N/A
8	Keys	10	Included	Included	\$49.30	Included	\$75.10	\$2.50	\$5.50	\$5.00
9	Angle Dozer Blade	1	\$5,500.00	\$5,990.00	\$5,830.74	\$5,564.13	\$5,457.77	\$5,139.12	\$6,186.00	\$7,010.00
10	Forklift Attachment	1	\$1,300.00	\$625.00	\$850.00	\$1,076.41	\$1,595.00	\$524.40	\$900.00	\$1,375.00
11	Material Handling Arm	1	Included	\$515.00	\$1,397.98	\$1,182.43	\$1,263.00	N/A	\$1,460.00	\$1,800.00
12	Maintenance Filters	1	Included	\$828.72	\$512.24	Included	\$597.95	\$387.89	\$365.00	\$600.00
	<b>Total</b>		<b>\$71,150.00</b>	\$71,631.47	\$72,471.56	\$73,514.72	\$73,919.82	\$77,612.55	\$83,291.00	\$108,874.00
	Meet Specs		YES	YES	YES	NO	YES	YES	YES	YES
	List Delivery Time		45 days	60 days	30 days	130 days	30-150 days	60-90 days	120 days	60 days
	Machine Warranty		2 yrs	2yrs/2000 hrs	2yrs/2000hrs	3 yrs	2years/2000hrs	1yr/unlimited hours	2yrs/2000 hrs	1yr
	Engine Warranty		2 yrs	2yrs/2000 hrs	2yrs/2000hrs	4 yrs	2years/2000hrs	2yrs/unlimited hrs	2yrs/2000 hrs	1 yr
	Extended Warranty Cost/Coverage		5yrs/2000 hours; Powertrain/Hydraulics would be \$1,020	Comprehensive Warranty: 36months/3000 hrs \$1,575; 48 months/4000 hrs \$3,625; 60months/5000 hrs \$4,525	\$1200-1 yr/1000 hours extra or \$6000-2yrs/2000 hours extra	5 yrs on Electrical	60 months/5000hrs; full machine add \$6818			
	Buy Back/Trade In Option		Yes	Yes	Yes	No	Yes	No	Yes	No
	Notes:		Vendor does not offer optional forestry protection for cab	Vendor does not offer optional forestry protection for cab	Vendor specified Equipment uses a key to start equipment.	Vendor specified equipment weight is less than specified. Equipment engine horsepower is less than specified. Vendor does not offer optional forestry protection for cab	No comments to list	Vendor option for material lift arm not available	Vendor does not offer optional forestry protection for cab	Vendor specified Equipment uses a key to start equipment.

Water Plant Project 195411 Bids were sent to 15 Vendors

This bid tabulation is true and accurate to the best of our knowledge

Wednesday, November 21, 2018

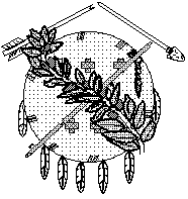
Patrick Harrison

Purchasing Manager

Rob Sautter for  
Pat Harrison

Mike Bradley

Fleet Manager



# City of Broken Arrow

## Request for Action

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**File #:** 18-1408, **Version:** 1

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FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	12/03/2013	9892	GOODYEAR COMMERCIAL TIRE	PI 6821	2541012589	020-5400-434.60-19 12/03/2013 TOTAL - CUMULATIVE TOTAL -	351.03 351.03 351.03
	3/29/2018	90	NAPA AUTO PARTS	PI 7071	2210896751	020-5305-438.60-23 3/29/2018 TOTAL - CUMULATIVE TOTAL -	14.45 14.45 365.48
	4/19/2018	90	NAPA AUTO PARTS	PI 7073	2210898673	020-5415-435.60-20 4/19/2018 TOTAL - CUMULATIVE TOTAL -	10.70 10.70 376.18
	4/30/2018	90	NAPA AUTO PARTS	PI 7074	2210899557	020-5120-437.60-23 4/30/2018 TOTAL - CUMULATIVE TOTAL -	49.96 49.96 426.14
	6/19/2018	90	NAPA AUTO PARTS	PI 7078	2210904445	020-5400-434.60-20 6/19/2018 TOTAL - CUMULATIVE TOTAL -	14.40 14.40 440.54
	6/27/2018	90	NAPA AUTO PARTS	PI 7083	2210905254	020-5400-434.60-20 6/27/2018 TOTAL - CUMULATIVE TOTAL -	29.94 29.94 470.48
	7/19/2018	90	NAPA AUTO PARTS	PI 7085	2210907367	020-5305-438.60-20 7/19/2018 TOTAL - CUMULATIVE TOTAL -	5.90 5.90 476.38
	8/13/2018	9700	ADVANCED INDUSTRIAL SOLUTIONS	PI 7332 PI 7333	237414 237414	020-0000-141.00-00 020-0000-141.00-00 8/13/2018 TOTAL - CUMULATIVE TOTAL -	791.64 25.33 816.97 1,293.35
	8/16/2018	9700	ADVANCED INDUSTRIAL SOLUTIONS	PI 7334 PI 7335	237414BO 237414BO	020-0000-141.00-00 020-0000-141.00-00 8/16/2018 TOTAL - CUMULATIVE TOTAL -	588.25 50.66 638.91 1,932.26
	9/14/2018	4462	REGIONAL METROPOLITAN UTILITY	PI 7168	417629	020-5410-435.70-16 9/14/2018 TOTAL - CUMULATIVE TOTAL -	927.72 927.72 2,859.98
	9/17/2018	4462	REGIONAL METROPOLITAN UTILITY	PI 7194	417630	020-5410-435.70-16 9/17/2018 TOTAL - CUMULATIVE TOTAL -	110,332.75 110,332.75 113,192.73
	9/18/2018	5042	H G FLAKE SUPPLY CO	PI 6822	0360127	020-5405-434.60-23	323.15
	9/18/2018	9892	GOODYEAR COMMERCIAL TIRE	PI 6867	2541011992	020-0000-141.00-00 9/18/2018 TOTAL - CUMULATIVE TOTAL -	542.08 865.23 114,057.96

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
10/02/2018	11224			BERRY DUNN MENEIL & PARKER LLC	PI 7170	376078	020-1700-419.70-19	2,870.00
							10/02/2018 TOTAL -	2,870.00
							CUMULATI VE TOTAL -	116,927.96
10/10/2018	11140			SENECA COMPANI ES	PI 7169	1311659	020-5130-437.70-17	17,667.97
					PI 7172	1305388	020-5130-437.40-55	388.75
							10/10/2018 TOTAL -	18,056.72
							CUMULATI VE TOTAL -	134,984.68
10/24/2018	247			SMI TH & LOVELESS I NC	PI 7086	130302	020-5415-435.60-41	1,172.12
							10/24/2018 TOTAL -	1,172.12
							CUMULATI VE TOTAL -	136,156.80
11/03/2018	225			SUMMI T TRUCK GROUP	PI 7101	4111763360	020-5125-436.60-20	341.88
11/03/2018	6375			ATWOODS DI STRI BUTI NG	PI 7342	001565	020-5305-438.60-10	79.99
					PI 7343	039183	020-5305-438.60-10	125.00
							11/03/2018 TOTAL -	546.87
							CUMULATI VE TOTAL -	136,703.67
11/06/2018	255			SAF T GLOVE I NC	PI 7239	88773100	020-0000-141.00-00	68.60
11/06/2018	11475			WALTERS MORGAN CONSTRUCTI ON I N	PI 7205	1	020-5405-434.70-15	64,613.95-
					PI 7206	1	020-5405-434.70-15	335,572.88
							11/06/2018 TOTAL -	271,027.53
							CUMULATI VE TOTAL -	407,731.20
11/09/2018	92			WHI TE STAR MACHI NERY & SUPPLY	PI 7164	07191042	020-0000-141.00-00	71.96
11/09/2018	6375			ATWOODS DI STRI BUTI NG	PI 7345	001568	020-5120-437.60-23	34.47
							11/09/2018 TOTAL -	106.43
							CUMULATI VE TOTAL -	407,837.63
11/12/2018	133			UTI LI TY SUPPLY	PI 7128	121055	020-0000-141.00-00	726.18
							11/12/2018 TOTAL -	726.18
							CUMULATI VE TOTAL -	408,563.81
11/13/2018	133			UTI LI TY SUPPLY	PI 7129	121152	020-0000-141.00-00	772.80
11/13/2018	2137			PRO OVERHEAD DOOR	PI 7091	140573	020-5120-437.40-07	200.00
11/13/2018	9892			GOODYEAR COMMERCIAL TI RE	PI 6818	2541012455	020-0000-141.00-00	351.60
							11/13/2018 TOTAL -	1,324.40
							CUMULATI VE TOTAL -	409,888.21
11/15/2018	11211			CAROLLO ENGI NEERS I NC	PI 7088	01472171	020-5400-434.70-16	12,024.85
							11/15/2018 TOTAL -	12,024.85
							CUMULATI VE TOTAL -	421,913.06
11/16/2018	10010			PSI WATER TECHNOLOGI ES I NC	PI 6971	INV0002818	020-5405-434.60-23	244.29
							11/16/2018 TOTAL -	244.29
							CUMULATI VE TOTAL -	422,157.35
11/18/2018	6375			ATWOODS DI STRI BUTI NG	PI 7348	G48554	020-5125-436.60-10	125.00
							11/18/2018 TOTAL -	125.00
							CUMULATI VE TOTAL -	422,282.35



FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	11/20/2018	71	BROKEN ARROW ELECTRIC SUPPLY I	PI 7200	S2442260001	020-5115-437.60-18	384.75
						11/20/2018 TOTAL -	384.75
						CUMULATIVE TOTAL -	422,667.10
	11/21/2018	90	NAPA AUTO PARTS	PI 6979	2210918256	020-5125-436.60-20	24.98
	11/21/2018	2137	PRO OVERHEAD DOOR	PI 6970	140686	020-5120-437.40-07	325.00
	11/21/2018	8679	CORE & MAIN	PI 7187	J819850	020-0000-141.00-00	168.40
				PI 7188	J819850	020-0000-141.00-00	695.88
						11/21/2018 TOTAL -	1,214.26
						CUMULATIVE TOTAL -	423,881.36
	11/26/2018	8	BRENNTAG SOUTHWEST INC	PI 6780	BSW047022	020-5410-435.60-34	2,422.26
	11/26/2018	4270	CMC CONSTRUCTION SERVICES	PI 6805	406737	020-5305-438.70-04	15,890.00
						11/26/2018 TOTAL -	18,312.26
						CUMULATIVE TOTAL -	442,193.62
	11/27/2018	5904	ADDCO ELECTRIC INC.	PI 7204	23463	020-5400-434.40-20	705.72
	11/27/2018	6375	ATWOODS DISTRIBUTING	PI 7353	001581	020-5305-438.60-10	119.99
	11/27/2018	6626	REXEL USA INC	PI 6967	S122886403001	020-5405-434.60-45	1,148.14
	11/27/2018	6733	CROSSLAND HEAVY CONTRACTORS INC	PI 6802	1	020-5405-434.70-15	168,916.65
				PI 6803	1 CR	020-5405-434.70-15	39,799.94
	11/27/2018	8143	DOMINO EQUIPMENT CO	PI 7277	TUL36631	020-5130-437.40-55	141.50
	11/27/2018	8864	USA BLUEBOOK	PI 7141	746544	020-5410-435.60-34	571.00
						11/27/2018 TOTAL -	131,803.06
						CUMULATIVE TOTAL -	573,996.68
	11/28/2018	3321	TRAFFIC PARTS INC	PI 7130	470333	020-0000-141.00-00	255.00
	11/28/2018	6478	FORTILINE INC	PI 7230	4460283	020-0000-141.00-00	3,093.00
	11/28/2018	7296	CHRIS NIKEL CHRYSLER JEEP DODG	PI 6807	698612	020-5200-419.60-20	61.09
				PI 6808	698638	020-5200-419.60-20	61.09
	11/28/2018	7407	PROFESSIONAL ENGINEERING CONSU	PI 6964	518791	020-5415-435.70-16	19,406.25
	11/28/2018	9569	TWIN CITIES READY MIX INC	PI 7136	175935	020-5305-438.70-15	5,313.00
						11/28/2018 TOTAL -	28,189.43
						CUMULATIVE TOTAL -	602,186.11
	11/29/2018	42	ARROW SAFE AND LOCK INC	PI 6777	72655	020-5400-434.60-23	5.85
	11/29/2018	71	BROKEN ARROW ELECTRIC SUPPLY I	PI 7186	S2428884001	020-0000-141.00-00	2,057.14
	11/29/2018	90	NAPA AUTO PARTS	PI 6938	2210918854	020-0000-141.00-00	29.94
				PI 6939	2210918854	020-0000-141.00-00	68.53
				PI 6940	2210918854	020-0000-141.00-00	25.36
				PI 6941	2210918854	020-0000-141.00-00	37.02
				PI 6942	2210918854	020-0000-141.00-00	43.43
				PI 6980	2210918842	020-5305-438.60-20	151.65
	11/29/2018	92	WHITE STAR MACHINERY & SUPPLY	PI 7165	07191815	020-0000-141.00-00	84.18
	11/29/2018	120	CINTAS CORPORATION	PI 6801	5012352742	020-5410-435.40-07	141.55
	11/29/2018	1290	STUART C. IRBY COMPANY	PI 7094	SO11056128001	020-5410-435.60-45	122.71
	11/29/2018	6375	ATWOODS DISTRIBUTING	PI 7355	001583	020-5305-438.60-20	10.58
	11/29/2018	8679	CORE & MAIN	PI 7195	J770237	020-5406-434.70-04	42,750.00
	11/29/2018	9569	TWIN CITIES READY MIX INC	PI 7137	176011	020-5305-438.60-27	162.00
	11/29/2018	11121	A-TECH, INC	PI 7203	390343	020-5415-435.60-20	502.38
						11/29/2018 TOTAL -	46,192.32
						CUMULATIVE TOTAL -	648,378.43

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
11/30/2018	37		ANCHOR STONE CO	PI 6772	182553409	020-5305-438.70-15	1,738.10
11/30/2018	42		ARROW SAFE AND LOCK INC	PI 6778	72656	020-5305-438.60-23	52.00
11/30/2018	90		NAPA AUTO PARTS	PI 6943	2210918948	020-0000-141.00-00	66.12
				PI 6944	2210918948	020-0000-141.00-00	14.77
				PI 6945	2210918948	020-0000-141.00-00	112.06
				PI 6982	2210918944	020-5400-434.60-20	26.21
				PI 6983	2210918972	020-5305-438.60-20	27.00
11/30/2018	225		SUMMIT TRUCK GROUP	PI 7063	411173310	020-0000-141.00-00	57.62
				PI 7100	411215727	020-5125-436.40-20	325.00
11/30/2018	240		GRAINGER	PI 6841	9019091496	020-5120-437.60-24	181.00
11/30/2018	244		GREEN ACRE SOD FARMS DBA	PI 7274	111882	020-5400-434.60-80	75.00
11/30/2018	371		J & R EQUIPMENT LLC	PI 6842	39427	020-5305-438.60-20	123.69
11/30/2018	452		GELICO UNIFORMS & SHOES INC	PI 6840	00238905	020-5405-434.60-10	395.96
11/30/2018	786		CLIFFORD POWER SYSTEMS INC	PI 6810	INV 0145631	020-5415-435.60-20	313.22
11/30/2018	5290		HOLLOWAY, UPDIKE AND BELLEN IN	PI 6828	7	020-5400-434.70-16	5,000.00
11/30/2018	5941		LOWES	PI 6877	10490	020-5115-437.60-23	23.74
11/30/2018	6733		CROSSLAND HEAVY CONTRACTORS IN	PI 6797	10	020-5410-435.70-15	517,171.28
				PI 6798	10 CR	020-5410-435.70-15	240,451.29
11/30/2018	9011		CENTRAL MOTORS INC.	PI 6809	113018	020-5115-437.60-24	2,050.00
11/30/2018	9569		TWIN CITIES READY MIX INC	PI 7138	176103	020-5305-438.60-27	192.50
11/30/2018	9700		ADVANCED INDUSTRIAL SOLUTIONS	PI 6768	239116	020-0000-141.00-00	251.52
				PI 6769	239116	020-0000-141.00-00	804.00
11/30/2018	9822		MORTON SALT INC	PI 6965	5401712037	020-5405-434.60-34	5,912.56
						11/30/2018 TOTAL -	294,408.06
						CUMULATIVE TOTAL -	942,786.49
12/02/2018	71		BROKEN ARROW ELECTRIC SUPPLY I	PI 6782	S2435911002	020-5115-437.60-18	22.05
						12/02/2018 TOTAL -	22.05
						CUMULATIVE TOTAL -	942,808.54
12/03/2018	8		BRENNTAG SOUTHWEST INC	PI 6792	BSW049695	020-5410-435.60-34	846.13
12/03/2018	47		AUTOMATIC ENGINEERING INC	PI 6793	65437372	020-5405-434.40-29	20,937.06
12/03/2018	90		NAPA AUTO PARTS	PI 6985	2210919067	020-5415-435.60-20	62.47
				PI 6991	2210919075	020-5400-434.60-20	9.14
12/03/2018	240		GRAINGER	PI 6866	9020421898	020-5405-434.60-23	194.12
12/03/2018	244		GREEN ACRE SOD FARMS DBA	PI 7283	111891	020-5305-438.60-23	112.50
				PI 7284	111892	020-5400-434.60-80	75.00
12/03/2018	255		SAFT GLOVE INC	PI 7066	88992200	020-0000-141.00-00	615.77
12/03/2018	327		HACH COMPANY	PI 6861	11244208	020-5405-434.70-17	17,460.00
12/03/2018	356		INDUSTRIAL SPLICING & SLING LL	PI 6865	185244	020-5305-438.70-15	856.74
12/03/2018	378		KSM EXCHANGE LLC	PI 6868	P47284	020-0000-141.00-00	37.07
12/03/2018	399		LOCKE SUPPLY COMPANY	PI 6881	3596898300	020-5120-437.60-18	38.53
12/03/2018	437		OCT EQUIPMENT INC	PI 6946	SO200156011	020-0000-141.00-00	197.50
12/03/2018	2137		PRO OVERHEAD DOOR	PI 6976	140799	020-5120-437.40-07	370.00
12/03/2018	2585		TRUCKPRO, LLC	PI 7133	0310561908	020-0000-141.00-00	619.11
12/03/2018	4572		LIGHTING INC/ BROKEN ARROW ELEC	PI 6869	S2447477001	020-0000-141.00-00	862.08
12/03/2018	5941		LOWES	PI 6887	01185	020-5305-438.60-23	223.66
				PI 6890	02781	020-5305-438.70-15	214.12
12/03/2018	6478		FORTILINE INC	PI 7231	4456322	020-0000-141.00-00	1,402.80
				PI 7232	4456322	020-0000-141.00-00	181.20
12/03/2018	6587		INTERSTATE ALL BATTERY CENTER	PI 6819	1925702019514	020-0000-141.00-00	399.00

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
12/03/2018	6822		TULSA W N NELSON COMPANY	PI 7145	09195901	020-1700-419.60-23	162.00
				PI 7147	09211101	020-5120-437.60-18	81.33
12/03/2018	9569		TW N C I T I E S READY M I X I N C	PI 7142	176165	020-5305-438.60-27	92.00
12/03/2018	9892		GOODYEAR COMMERCIAL TIRE	PI 6820	2541012573	020-0000-141.00-00	542.08
						12/03/2018 TOTAL -	46,591.41
						CUMULATIVE TOTAL -	989,399.95
12/04/2018	90		NAPA AUTO PARTS	PI 6947	2210919156	020-0000-141.00-00	126.00
				PI 6948	2210919211	020-0000-141.00-00	3.37
				PI 6949	2210919211	020-0000-141.00-00	17.01
				PI 6950	2210919211	020-0000-141.00-00	163.28
				PI 6951	2210919211	020-0000-141.00-00	5.74
				PI 6952	2210919211	020-0000-141.00-00	3.84
				PI 6953	2210919211	020-0000-141.00-00	6.16
				PI 6954	2210919211	020-0000-141.00-00	63.80
				PI 6955	2210919223	020-0000-141.00-00	18.84
				PI 6956	2210919223	020-0000-141.00-00	60.51
				PI 6957	2210919223	020-0000-141.00-00	25.72
				PI 6958	2210919234	020-0000-141.00-00	21.76
				PI 7007	2210919174	020-5400-434.60-20	9.87
12/04/2018	92		WHITE STAR MACHINERY & SUPPLY	PI 7182	07192100	020-5400-434.60-20	2,970.75
				PI 7183	07192098	020-5400-434.60-20	663.16
12/04/2018	225		SUMMIT TRUCK GROUP	PI 7065	411173443	020-0000-141.00-00	95.40
				PI 7067	411173519	020-0000-141.00-00	26.54
				PI 7118	411173479	020-5125-436.60-20	137.04
				PI 7121	411173490	020-5125-436.60-20	1,593.76
12/04/2018	244		GREEN ACRE SOD FARMS DBA	PI 7285	111899	020-5400-434.60-80	150.00
12/04/2018	255		SAF T GLOVE INC	PI 7064	88943601	020-0000-141.00-00	211.85
				PI 7117	88943600	020-5415-435.60-10	124.58
12/04/2018	327		HACH COMPANY	PI 6845	11247626	020-5410-435.60-34	420.31
12/04/2018	452		GELICO UNIFORMS & SHOES INC	PI 6846	00239016	020-5406-434.60-10	125.00
				PI 6863	00239015	020-5405-434.60-10	197.98
12/04/2018	4311		UNITED FORD	PI 7153	3210708	020-5115-437.60-20	36.43
12/04/2018	5941		LOWES	PI 6894	01440	020-5305-438.60-23	92.28
				PI 6895	020277	020-5405-434.60-23	39.47
				PI 6897	02044	020-5305-438.60-23	108.11
				PI 6898	02923	020-5120-437.60-18	64.60
				PI 6899	02924	020-5305-438.60-23	151.35
				PI 6901	02998	020-5305-438.60-23	28.49
				PI 6903	12926	020-5400-434.60-23	25.62
				PI 6904	17879-	020-5120-437.60-18	23.64-
12/04/2018	6478		FORTILINE INC	PI 7296	4452760	020-5415-435.70-17	4,504.00
12/04/2018	8679		CORE & MAIN	PI 7207	J877078	020-5406-434.70-04	166,750.00
12/04/2018	9569		TW N C I T I E S READY M I X I N C	PI 7306	176226	020-5305-438.60-27	296.63
12/04/2018	9784		EUROFINS EATON ANALYTICAL INC	PI 6844	S319321	020-5405-434.30-34	720.00
12/04/2018	11319		AMPM CONSULTING LLC	PI 7364	1045	020-5205-419.70-19	14,200.00
12/04/2018	11475		WALTERS MORGAN CONSTRUCTION INC	PI 7228	2	020-5405-434.70-15	32,943.45-
				PI 7229	2	020-5405-434.70-15	189,271.19
						12/04/2018 TOTAL -	350,563.35
						CUMULATIVE TOTAL -	1,339,963.30

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
12/05/2018		42		ARROW SAFE AND LOCK INC	PI 6790	72668	020-5400-434.60-23	5.85
12/05/2018		90		NAPA AUTO PARTS	PI 6959	2210919260	020-0000-141.00-00	5.38
					PI 7016	2210919297	020-5400-434.60-20	4.32
					PI 7017	2210919306	020-5125-436.60-20	15.97
					PI 7019	2210919316	020-5125-436.60-20	263.76
					PI 7244	2210919303	020-0000-141.00-00	135.60
					PI 7245	2210919303	020-0000-141.00-00	96.47
					PI 7246	2210919303	020-0000-141.00-00	4.14
					PI 7247	2210919303	020-0000-141.00-00	47.76
					PI 7248	2210919303	020-0000-141.00-00	132.27
					PI 7249	2210919303	020-0000-141.00-00	45.52
12/05/2018		101		WELDON PARTS TULSA	PI 7166	220238900	020-0000-141.00-00	17.71
12/05/2018		176		TIMMONS OIL COMPANY INC	PI 7134	W08175	020-0000-141.00-00	248.40
12/05/2018		179		TRANS CONTINENTAL SUPPLY INC	PI 7241	1033569	020-0000-141.00-00	208.52
					PI 7243	1033568	020-0000-141.00-00	768.81
12/05/2018		181		GNC CONCRETE PRODUCTS INC	PI 7294	74451	020-5305-438.70-15	53,760.00
12/05/2018		225		SUMMIT TRUCK GROUP	PI 7127	411173550	020-5125-436.60-20	83.41
					PI 7250	411173593	020-0000-141.00-00	158.81
					PI 7251	411173593	020-0000-141.00-00	42.43
12/05/2018		1409		SMITH FARM & GARDEN CO	PI 7068	829068	020-0000-141.00-00	5.07
12/05/2018		3321		TRAFFIC PARTS INC	PI 7132	470750	020-0000-141.00-00	2,478.00
12/05/2018		4358		MCNEILUS TRUCK & MFG., INC	PI 6977	4215555	020-5125-436.60-20	58.19
12/05/2018		5371		PREMIER TRUCK GROUP	PI 6961	125253594	020-0000-141.00-00	169.51
					PI 6962	125253714	020-0000-141.00-00	170.70
12/05/2018		5941		LOWES	PI 6905	01754	020-5305-438.70-15	395.65
					PI 6906	02085	020-5120-437.60-18	9.96
					PI 6908	12073/	020-5415-435.60-41	19.94
					PI 6909	13123	020-5415-435.60-03	33.24
12/05/2018		7803		P&K EQUIPMENT	PI 6960	3089076	020-0000-141.00-00	78.88
12/05/2018		8679		CORE & MAIN	PI 7190	J838900	020-0000-141.00-00	1,822.80
					PI 7191	J852336	020-0000-141.00-00	2,058.16
12/05/2018		9569		TWIN CITIES READY MIX INC	PI 7307	176319	020-5305-438.60-27	607.50
12/05/2018		9706		WATER TECH INC	PI 7178	72002	020-5410-435.60-34	3,906.97
12/05/2018		10703		ACDC INDUSTRIAL AUTOMATION	PI 6795	180317R1	020-5405-434.60-45	2,667.56
							12/05/2018 TOTAL -	70,527.28
							CUMULATIVE TOTAL -	1,410,490.56
12/06/2018		71		BROKEN ARROW ELECTRIC SUPPLY I	PI 7189	S2428884002	020-0000-141.00-00	3,085.72
12/06/2018		90		NAPA AUTO PARTS	PI 7022	2210919358	020-5400-434.60-21	341.70
					PI 7024	2210919398	020-5125-436.60-20	55.49
					PI 7026	2210919415	020-5400-434.60-20	29.81
					PI 7027	2210919418	020-5120-437.60-23	42.20
					PI 7028	2210919426	020-5400-434.60-20	16.70
					PI 7029	2210919428	020-5400-434.60-20	.60
					PI 7032	22109196399	020-5400-434.60-20	65.16
					PI 7253	2210919382	020-0000-141.00-00	65.95
					PI 7254	2210919382	020-0000-141.00-00	41.10
12/06/2018		225		SUMMIT TRUCK GROUP	PI 7318	411173687	020-5400-434.60-20	300.58
12/06/2018		244		GREEN ACRE SOD FARMS DBA	PI 7286	111911	020-5305-438.60-23	150.00
12/06/2018		279		PINKLEY SALES COMPANY	PI 7240	20828	020-0000-141.00-00	1,918.26
12/06/2018		2045		PROFESSIONAL TURF PRODUCTS	PI 6963	143867500	020-0000-141.00-00	44.69

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	12/06/2018	5941	LOWES	PI 6911	01841	020-5305-438.60-23	51.09
				PI 6912	02310	020-5405-434.60-23	45.50
				PI 6913	12261	020-5400-434.60-40	4.15
				PI 6915	16186-	020-5406-434.60-23	27.06-
				PI 6916	16187	020-5406-434.60-23	27.06
12/06/2018	9818		5TH GEAR CYCLE	PI 7234	54050	020-0000-141.00-00	55.96
12/06/2018	9892		GOODYEAR COMMERCIAL TIRE	PI 7233	2541012618	020-0000-141.00-00	1,054.80
12/06/2018	10233		PETROLEUM TRADERS CORP	PI 7252	1340273	020-0000-141.00-00	13,506.62
12/06/2018	11122		PENCCO, INC	PI 7179	36432	020-5415-435.40-28	1,450.00
						12/06/2018 TOTAL -	22,326.08
						CUMULATIVE TOTAL -	1,432,816.64
12/07/2018	37		ANCHOR STONE CO	PI 7208	182614309	020-5305-438.70-15	82.74
				PI 7209	182614409	020-5305-438.70-15	4,564.60
12/07/2018	90		NAPA AUTO PARTS	PI 7033	2210919489	020-5125-436.60-20	5.15
12/07/2018	173		TULSA AUTO SPRING	PI 7144	003543693	020-5400-434.60-20	95.00
12/07/2018	370		AIRGAS USA LLC	PI 7356	9083265951	020-5305-438.60-20	46.90
12/07/2018	5042		H G FLAKE SUPPLY CO	PI 6850	3611891	020-5405-434.60-23	780.00
12/07/2018	5941		LOWES	PI 6918	12584	020-5400-434.60-23	32.74
				PI 6919	12598	020-5400-434.60-23	4.55
12/07/2018	8539		ALL MAINTENANCE SUPPLY INC	PI 7193	0007533501	020-0000-141.00-00	125.20
12/07/2018	10051		BROWNCO MFG & SALES	PI 7192	586511	020-0000-141.00-00	1,320.00
						12/07/2018 TOTAL -	7,056.88
						CUMULATIVE TOTAL -	1,439,873.52
12/08/2018	420		APAC-CENTRAL, INC	PI 7362	7001185328	020-5305-438.60-80	109.31
				PI 7363	7001185328	020-5305-438.70-15	205.20
12/08/2018	7407		PROFESSIONAL ENGINEERING CONSULTING	PI 6972	518510R2	020-5415-435.70-16	65,149.95
				PI 6973	518696R	020-5415-435.70-16	51,750.00
						12/08/2018 TOTAL -	117,214.46
						CUMULATIVE TOTAL -	1,557,087.98
12/10/2018	8		BRENNTAG SOUTHWEST INC	PI 7376	BSW051672	020-5410-435.60-34	846.13
12/10/2018	90		NAPA AUTO PARTS	PI 7257	2210919676	020-0000-141.00-00	68.58
				PI 7258	2210919676	020-0000-141.00-00	16.98
				PI 7259	2210919676	020-0000-141.00-00	26.97
				PI 7260	2210919676	020-0000-141.00-00	74.50
12/10/2018	92		WHITE STAR MACHINERY & SUPPLY	PI 7185	07192388	020-5305-438.60-20	175.23
12/10/2018	120		CINTAS CORPORATION	PI 6817	5012408881	020-5305-438.60-23	124.56
12/10/2018	225		SUMMIT TRUCK GROUP	PI 7120	4111723861	020-5125-436.40-20	304.55
				PI 7261	411173855	020-0000-141.00-00	329.58
12/10/2018	377		KIMS INTERNATIONAL	PI 6855	0109633	020-5305-438.60-20	3.98
12/10/2018	416		MIDWEST BEARING & CHAIN CO	PI 6974	147177	020-5305-438.60-20	28.20
12/10/2018	437		OCT EQUIPMENT INC	PI 7323	S020016481	020-5400-434.60-20	74.68
12/10/2018	452		GELCO UNIFORMS & SHOES INC	PI 6849	00239196	020-5405-434.60-10	116.99
12/10/2018	951		HOLLIDAY SAND & GRAVEL CO	PI 7281	376178	020-5305-438.60-80	152.62
				PI 7282	376178	020-5400-434.60-80	155.06
12/10/2018	1409		SMITH FARM & GARDEN CO	PI 7112	829355	020-5305-438.60-20	3.06
				PI 7242	829329	020-0000-141.00-00	154.76
				PI 7255	829328	020-0000-141.00-00	46.66
12/10/2018	1634		IMPROVED CONSTRUCTION METHODS	PI 7236	TU807511KP	020-0000-141.00-00	504.00



FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
12/10/2018	5941	LOWES	PI 6922	02877		020-5305-438.60-23	35.56
			PI 6924	02954/		020-5305-438.60-23	27.42
12/10/2018	7803	P&K EQUIPMENT	PI 7321	3092264		020-5305-438.60-20	138.44
12/10/2018	9569	TWIN CITIES READY MIX INC	PI 7308	176503		020-5305-438.60-27	891.00
12/10/2018	10042	WATSON-MARLOW INC	PI 7181	SI 084147		020-5405-434.40-28	300.01
12/10/2018	11212	INDUSTRIAL ELECTRONICS SUPPLY	PI 7301	09931358		020-5405-434.60-45	404.09
						12/10/2018 TOTAL -	5,003.61
						CUMULATIVE TOTAL -	1,562,091.59
12/11/2018	90	NAPA AUTO PARTS	PI 7044	2210919791		020-5120-437.60-24	11.26
			PI 7045	2210919793		020-5410-435.60-20	19.17
			PI 7047	2210919828		020-5125-436.60-20	48.00
12/11/2018	176	TIMMONS OIL COMPANY INC	PI 7135	W 108225		020-0000-141.00-00	569.40
			PI 7256	W 08259		020-0000-141.00-00	1,670.00
12/11/2018	225	SUMMIT TRUCK GROUP	PI 7122	CM411173490		020-5125-436.60-20	690.00
12/11/2018	377	KIMS INTERNATIONAL	PI 6856	0109664		020-5305-438.60-20	10.85
			PI 6857	0109680		020-5120-437.60-23	93.58
			PI 6858	019674		020-5115-437.60-20	27.56
12/11/2018	601	TETRA TECH INC	PI 7174	51388226		020-5410-435.70-16	1,000.00
12/11/2018	4536	PRECISION INDUSTRIES INC	PI 7262	2494		020-0000-141.00-00	443.37
12/11/2018	5042	H G FLAKE SUPPLY CO	PI 6851	0361791		020-5405-434.60-23	277.68
12/11/2018	5941	LOWES	PI 6926	01788		020-5305-438.60-23	4.80
			PI 6927	01807/		020-5200-419.60-23	56.99
			PI 6928	02190/		020-5120-437.60-24	2.23
12/11/2018	7835	UNITED ROTARY BRUSH CORP.	PI 7336	CI 228898		020-0000-141.00-00	129.41
12/11/2018	9089	YELLOWHOUSE MACHINERY CO	PI 7167	389719		020-0000-141.00-00	17.78
						12/11/2018 TOTAL -	3,692.08
						CUMULATIVE TOTAL -	1,565,783.67
12/12/2018	35	A & N TRAILER PARTS INC	PI 6785	00311388		020-5115-437.60-20	32.70
12/12/2018	90	NAPA AUTO PARTS	PI 7055	2210919907		020-5415-435.60-41	3.72
			PI 7263	2210919867		020-0000-141.00-00	42.68
			PI 7264	2210919867		020-0000-141.00-00	118.46
			PI 7265	2210919867		020-0000-141.00-00	25.36
			PI 7266	2210919867		020-0000-141.00-00	135.50
			PI 7269	2210919893		020-0000-141.00-00	94.70
			PI 7270	2210919893		020-0000-141.00-00	4.82
			PI 7271	2210919893		020-0000-141.00-00	68.50
12/12/2018	117	WAL MART STORE #0472	PI 7267	5850		020-0000-141.00-00	7.52
12/12/2018	225	SUMMIT TRUCK GROUP	PI 7268	411174031		020-0000-141.00-00	26.54
			PI 7272	411174068		020-0000-141.00-00	159.14
			PI 7327	411174060		020-5410-435.60-20	333.80
			PI 7330	411174070		020-5125-436.60-20	59.24
12/12/2018	452	GELICO UNIFORMS & SHOES INC	PI 7366	00239258		020-5125-436.60-10	107.99
12/12/2018	1916	CHUPP IMPLEMENT COMPANY	PI 7380	018539		020-5305-438.70-03	18,554.00
12/12/2018	5941	LOWES	PI 6930	02309/		020-5305-438.60-23	15.83
12/12/2018	9569	TWIN CITIES READY MIX INC	PI 7360	176672		020-5305-438.60-27	2,109.75
			PI 7361	176672		020-5305-438.70-15	2,310.00
12/12/2018	9892	GOODYEAR COMMERCIAL TIRE	PI 7235	2541012663		020-0000-141.00-00	677.60
			PI 7237	2541012666		020-0000-141.00-00	703.20
12/12/2018	10233	PETROLEUM TRADERS CORP	PI 7383	1342202		020-5415-435.60-21	2,393.82
						12/12/2018 TOTAL -	27,984.87
						CUMULATIVE TOTAL -	1,593,768.54

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	12/13/2018	35	A & N TRAILER PARTS INC	PI 6786	00015131	020-5115-437.60-20	32.70-
	12/13/2018	90	NAPA AUTO PARTS	PI 7057	2210919954	020-5120-437.60-23	33.32
				PI 7058	2210919958	020-5406-434.60-20	79.81
				PI 7060	2210919966	020-5120-437.60-23	110.78
				PI 7062	2210919981	020-5410-435.60-23	23.96
	12/13/2018	101	WELDON PARTS TULSA	PI 7273	220720500	020-0000-141.00-00	111.02
	12/13/2018	133	UTILITY SUPPLY	PI 7131	122157	020-0000-141.00-00	363.09
				PI 7317	122114	020-5415-435.60-40	300.22
	12/13/2018	204	FENSCO INC	PI 7385	53527	020-5305-438.70-15	249.29
	12/13/2018	377	KIMS INTERNATIONAL	PI 6859	0109720	020-5305-438.60-20	10.80
				PI 6860	0109732	020-5305-438.60-20	22.76
	12/13/2018	403	MAXWELL SUPPLY OF TULSA INC	PI 7384	478196	020-5305-438.70-15	385.65
	12/13/2018	5941	LOWES	PI 6934	01212	020-5115-437.60-03	48.54
				PI 6935	02447	020-5410-435.60-23	50.87
				PI 6938	02448-	020-5410-435.60-23	3.95-
	12/13/2018	9892	GOODYEAR COMMERCIAL TIRE	PI 7238	2541012670	020-0000-141.00-00	1,966.25
						12/13/2018 TOTAL -	3,719.71
						CUMULATIVE TOTAL -	1,597,488.25
	12/14/2018	90	NAPA AUTO PARTS	PI 7371	2210920071	020-5120-437.60-23	11.98
	12/14/2018	5941	LOWES	PI 6937	11084	020-5120-437.60-23	15.19
						12/14/2018 TOTAL -	27.17
						CUMULATIVE TOTAL -	1,597,515.42
	12/17/2018	90	NAPA AUTO PARTS	PI 7339	2210920261	020-0000-141.00-00	46.26
				PI 7340	2210920261	020-0000-141.00-00	70.44
				PI 7341	2210920261	020-0000-141.00-00	5.02
				PI 7372	2210920216	020-5120-437.60-24	8.29
				PI 7373	2210920222	020-5120-437.60-23	99.90
	12/17/2018	159	DK MACHINE INC	005697	10767	020-5406-434.70-04	443.00
				005698	10768	020-5406-434.70-04	246.00
	12/17/2018	225	SUMMIT TRUCK GROUP	PI 7119	411174296	020-5125-436.60-20	17.62
	12/17/2018	241	GRAND RIVER DAM AUTHORITY	005703	48878	020-5405-434.50-94	443.35
	12/17/2018	319	OKLAHOMA MUNICIPAL LEAGUE	005727	032349	020-1700-419.30-85	275.00
	12/17/2018	370	AIRGAS USA LLC	005685	9958163281	020-5120-437.40-33	200.44
				005686	9958163281	020-5115-437.40-33	35.78
				005687	9958163281	020-5130-437.40-33	32.45
				005688	9958163281	020-5305-438.40-33	35.78
				005689	9958163281	020-5400-434.40-33	24.20
				005690	9958163281	020-5410-435.40-33	32.45
	12/17/2018	601	TETRA TECH INC	005742	51381008	020-5415-435.30-11	2,925.00
				005743	51375741	020-5410-435.30-11	975.00
	12/17/2018	1057	TULSA WORLD	005748	522396-1102	020-5130-437.50-05	83.64
				005749	524544-1109	020-5130-437.50-05	79.95
	12/17/2018	1409	SMITH FARM & GARDEN CO	PI 7337	829738	020-0000-141.00-00	46.66
	12/17/2018	4315	TULSA CITY COUNTY HEALTH DEPT.	005747	34296	020-5400-434.30-34	4,694.00
	12/17/2018	4462	REGIONAL METROPOLITAN UTILITY	005734	418349	020-5410-435.70-15	143,464.21
				005735	418388	020-5410-435.40-45	102,123.64
				005736	418349	020-5410-435.40-45	98,463.76
	12/17/2018	4523	CENTRAL TECH	PI 7180	197109	020-5405-434.30-11	2,700.00
	12/17/2018	5407	ASCE/ MEMBERSHIP	005693	2019 MEMBERSHIP	020-5210-419.30-85	265.00

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
12/ 17/ 2018	6454			WASTE MANAGEMENT QUARRY LANDFI	005754	005156721853	020-5410-435.40-30	20,137.45
					005755	221515210062	020-5125-436.40-30	68.88
12/ 17/ 2018	6789			GREEN COUNTRY TESTING	005704	64493	020-5410-435.30-34	7,440.00
12/ 17/ 2018	7497			JPMORGAN CHASE BANK N A	005715	1102820	020-0503-415.50-28	1,280.65
12/ 17/ 2018	8896			ASSOCIATION OF STATE	005694	31444/ 2019	020-5210-419.30-85	160.00
12/ 17/ 2018	8997			AMERICAN MUNICIPAL SERVICES CO	005692	40512	020-0000-229.16-00	1,386.42
12/ 17/ 2018	9923			MILTY'S BOYS SEPTIC	005720	1776	020-5405-434.40-28	750.00
12/ 17/ 2018	10420			GERSHMAN, BRICKNER & BRATTON IN	005702	18126419	020-5125-436.70-17	16,066.59
12/ 17/ 2018	10648			CALVARY SERVICES INC	005683	2987	020-5405-434.40-50	616.55
12/ 17/ 2018	10949			ROUTEWARE INC.	006145	99644	020-5125-436.40-55	10.00
12/ 17/ 2018	11211			CAROLLO ENGINEERS INC	PI 7104	0173098	020-5400-434.70-16	1,169.97
12/ 17/ 2018	11283			MUNICIPALH2O	005724	8566	020-5410-435.30-87	350.00
12/ 17/ 2018	11332			STAND-BY PERSONNEL	005740	204942	020-5125-436.50-37	1,835.20
							12/ 17/ 2018 TOTAL -	409,108.55
							CUMULATIVE TOTAL -	2,006,623.97
12/ 18/ 2018	5936			CONTINENTAL BATTERY CO	PI 7338	10931218181101	020-0000-141.00-00	130.92
12/ 18/ 2018	8512			AT&T MOBILITY	002211	6931161	020-5120-437.50-22	20.25
					002212	6932991	020-5400-434.50-22	33.04
					002213	6933102	020-5400-434.50-22	20.25
					002223	5653832	020-5415-435.50-22	33.08
					002224	8923683	020-5415-435.50-22	33.04
					002228	7981029	020-5405-434.50-22	33.05
					002230	8570944	020-5115-437.50-22	20.25
					002249	6989325	020-5200-419.50-22	56.92
					002250	6989326	020-5200-419.50-22	56.92
12/ 18/ 2018	9151			CLEAN THE UNIFORM CO OKLAHOMA	005768	50042803	020-5200-419.40-31	13.04
					005772	50043402	020-5410-435.40-31	23.16
					005774	50043859	020-5400-434.40-31	130.50
					005775	50043859	020-5130-437.40-31	9.37
					005776	50043859	020-5120-437.40-31	100.26
					005777	50043859	020-5120-437.40-33	29.00
					005778	50043858	020-5100-437.40-33	4.00
					005780	50044344	020-5305-438.40-31	133.75
					005782	50044344	020-5305-438.40-33	2.60
					005792	50043859	020-5415-435.40-31	73.19
					005793	50043859	020-5406-434.40-31	44.60
					005906	50043858	020-5200-419.40-31	13.04
					005907	50043859	020-5115-437.40-31	33.19
					005909	50044828	020-5400-434.40-31	137.60
					005910	50044828	020-5415-435.40-31	73.19
					005911	50044828	020-5406-434.40-31	44.60
					005912	50044828	020-5130-437.40-31	9.37
					005913	50044828	020-5100-437.40-33	19.00
					005914	50044828	020-5120-437.40-33	25.00
					006022	50044828	020-5120-437.40-31	100.26
					006023	50044828	020-5125-436.40-31	225.54
					006024	50044352	020-5410-435.40-31	18.81
					006026	50045520	020-5305-438.40-31	133.75
					006028	50045520	020-5305-438.40-33	2.60
					006035	50045527	020-5410-435.40-31	23.16



FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
					006036	50044350	020-5405-434.40-31	74.14
					006037	50045526	020-5405-434.40-31	57.84
					006038	50044828	020-5115-437.40-31	29.58
					006044	50046254	020-5200-419.40-31	13.04
					006045	50046255	020-5400-434.40-31	140.40
					006046	50046255	020-5415-435.40-31	73.19
					006047	50046255	020-5406-434.40-31	44.60
12/18/2018		11497		ALEXANDER ARRI NGTON	005758	11/30/18	020-5305-438.30-11	29.00
12/18/2018		11508		BETTY HENRY	006095	PARCEL 6 1/6.2	020-5415-435.70-08	300.00
							12/18/2018 TOTAL -	2,622.09
							CUMULATI VE TOTAL -	2,009,246.06
12/20/2018		37		ANCHOR STONE CO	005837	182132501	020-5410-435.70-15	1,130.93
					005838	182299401	020-5410-435.70-15	415.86
					005839	182384101	020-5410-435.70-15	1,208.97
					005840	182422309	020-5410-435.70-15	1,800.49
					005841	182421501	020-5410-435.70-15	278.53
					005842	182421401	020-5410-435.70-15	627.28
					005843	182467709	020-5410-435.70-15	3,026.06
12/20/2018		71		BROKEN ARROW ELECTRI C SUPPLY I	005846	S2430455001	020-5410-435.70-15	270.00
					005847	S2434071001	020-5410-435.70-15	527.42
					005848	S2433311001	020-5410-435.70-15	9.45
					005849	S2433761001	020-5410-435.70-15	105.00
					005850	S2439837001	020-5410-435.70-15	314.10
					005851	S2440260001	020-5410-435.70-15	11.31
12/20/2018		176		TI MMONS OIL COMPANY I NC	005892	B120463	020-5410-435.70-15	1,875.40
					005893	W107816	020-5410-435.70-15	139.49
					005894	B119879	020-5410-435.70-15	2,105.91
					005895	B120418C	020-5410-435.70-15	1,875.40
12/20/2018		193		ELLI OTT ELECTRI C SUPPLY	005861	1343239901	020-5410-435.70-15	50.85
					005862	1343255801	020-5410-435.70-15	124.10
					005863	1343270801	020-5410-435.70-15	232.03
					005864	1343273401	020-5410-435.70-15	620.53
					005865	1343270802	020-5410-435.70-15	31.20
					005866	1343325801	020-5410-435.70-15	188.87
					005867	1343345101	020-5410-435.70-15	20.84
					005868	1343359201	020-5410-435.70-15	503.21
					005869	1343389501	020-5410-435.70-15	531.26
12/20/2018		194		ELLI S CONST ACCESSORI ES LTD	005855	209374	020-5410-435.70-15	82.59
					005856	209373	020-5410-435.70-15	178.56
12/20/2018		205		FERGUSON WATERWORKS #1895	005870	0595623	020-5410-435.70-15	823.40
					005871	05874942	020-5410-435.70-15	1,230.00
					005872	0595990	020-5410-435.70-15	1,157.45
					005873	05829121	020-5410-435.70-15	10,578.54
					005874	0594114	020-5410-435.70-15	2,812.87
					005875	0594407	020-5410-435.70-15	657.14
					005876	05829371	020-5410-435.70-15	3,265.38
					005877	0595614	020-5410-435.70-15	5,082.18
					005878	0591787	020-5410-435.70-15	9,357.82
					005879	0586936	020-5410-435.70-15	3,672.80
					005898	0596845	020-5405-434.70-15	627.51

FUND	020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	I NVOI CE NO	ACCOUNT NO	AMOUNT
					005899	05968451	020-5405-434.70-15	73.70
					005900	0597755	020-5405-434.70-15	98.73
12/20/2018		403		MAXWELL SUPPLY OF TULSA INC	005882	474932	020-5410-435.70-15	416.10
					005883	475824	020-5410-435.70-15	1,000.96
12/20/2018		888		PREFERRED BUSINESS SYSTEMS	005800	083238	020-0503-415.40-33	92.38
					005800	083239	020-0503-415.40-33	92.38
					005800	083240	020-0503-415.40-33	92.38
					005800	083241	020-0503-415.40-33	92.38
					005800	083435	020-0503-415.40-33	92.38
					005815	083238	020-5305-438.40-33	72.38
					005815	083239	020-5305-438.40-33	72.38
					005815	083240	020-5305-438.40-33	72.38
					005815	083241	020-5305-438.40-33	72.38
					005815	083435	020-5305-438.40-33	72.38
					005825	083238	020-5120-437.40-33	72.38
					005825	083239	020-5120-437.40-33	72.38
					005825	083240	020-5120-437.40-33	72.38
					005825	083241	020-5120-437.40-33	72.38
					005825	083435	020-5120-437.40-33	72.38
					005826	083238	020-5130-437.40-33	72.38
					005826	083239	020-5130-437.40-33	72.38
					005826	083240	020-5130-437.40-33	72.38
					005826	083241	020-5130-437.40-33	72.38
					005826	083435	020-5130-437.40-33	72.38
					005827	083238	020-5406-434.40-33	62.38
					005827	083239	020-5406-434.40-33	62.38
					005827	083240	020-5406-434.40-33	62.38
					005827	083241	020-5406-434.40-33	62.38
					005827	083435	020-5406-434.40-33	62.38
					005828	083238	020-5100-437.40-33	72.38
					005828	083239	020-5100-437.40-33	72.38
					005828	083240	020-5100-437.40-33	72.38
					005828	083241	020-5100-437.40-33	72.38
					005828	083435	020-5100-437.40-33	72.38
					005829	083238	020-5205-419.40-33	172.38
					005829	083239	020-5205-419.40-33	172.38
					005829	083240	020-5205-419.40-33	172.38
					005829	083241	020-5205-419.40-33	172.38
					005829	083241	020-5205-419.40-33	172.38
					005832	083238	020-5400-434.40-33	78.83
					005832	083239	020-5400-434.40-33	78.83
					005832	083240	020-5400-434.40-33	78.83
					005832	083241	020-5400-434.40-33	78.83
					005832	083241	020-5400-434.40-33	78.83
					005833	083238	020-5410-435.40-33	72.83
					005833	083239	020-5410-435.40-33	72.83
					005833	083240	020-5410-435.40-33	72.83
					005833	083241	020-5410-435.40-33	72.83
					005833	083241	020-5410-435.40-33	72.83
					005834	083238	020-5405-434.40-33	83.36
					005834	083239	020-5405-434.40-33	83.36

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
				005834	083240	020-5405-434.40-33	83.36
				005834	083241	020-5405-434.40-33	83.36
				005834	083241	020-5405-434.40-33	83.36
				005836	083158	020-5205-419.40-33	205.00
12/20/2018	1290		STUART C. IRBY COMPANY	005889	S011011222001	020-5410-435.70-15	2,980.35
12/20/2018	2538		ENVIRONMENTAL IMPROVEMENTS INC	005890	S011011222003	020-5410-435.70-15	337.59
12/20/2018	3477		SCURLOCK INDUSTRIES OF SPRING	005897	0041901	020-5405-434.70-15	39,000.00
				005885	0014255	020-5410-435.70-15	4,344.80
				005886	0014348CM	020-5410-435.70-15	1,024.68
12/20/2018	5361		HME INC	005880	14395	020-5410-435.70-15	21,843.00
12/20/2018	6626		REXEL USA INC	005884	S123091368002	020-5410-435.70-15	411.41
12/20/2018	7304		BIG RED FASTENERS	005844	173030	020-5410-435.70-15	506.40
				005845	173041	020-5410-435.70-15	81.04
12/20/2018	9788		CRIMSON STEEL SUPPLY LLC	005853	36054	020-5410-435.70-15	188.94
				005854	36229	020-5410-435.70-15	24,039.90
12/20/2018	10671		SUNBELT RENTALS	005891	835921840001	020-5410-435.70-15	1,795.00
12/20/2018	11353		CONSTRUCTION ANCHORS	005852	480142	020-5410-435.70-15	133.20
12/20/2018	11354		ELLIS CONSTRUCTION SPECIALTIES	005857	2296598S1C	020-5410-435.70-15	144.00
				005858	2296771	020-5410-435.70-15	1,279.06
				005859	2296812S1C	020-5410-435.70-15	21.60
				005860	2296610S1C	020-5410-435.70-15	28.80
12/20/2018	11357		HYDRO INTERNATIONAL WASTEWATER	005881	SI N000972	020-5410-435.70-15	1,400.00
12/20/2018	11385		STANDARD MATERIALS GROUP	005887	2000003441	020-5410-435.70-15	7,746.00
				005888	2000004159	020-5410-435.70-15	1,917.00
12/20/2018	11498		VANAI RE DIVISION OF VANEGAS	005896	19730	020-5410-435.70-15	114,000.00
						12/20/2018 TOTAL -	284,714.63
						CUMULATIVE TOTAL -	2,293,960.69
12/26/2018	40		AVB	005936	NOV 2018	020-0503-415.50-28	452.82
12/26/2018	159		DK MACHINE INC	005983	10769	020-5406-434.70-04	363.00
12/26/2018	501		CHAMBER OF COMMERCE	005950	46416	020-5205-419.30-11	22.00
				005954	46417	020-5100-437.30-11	22.00
				005956	41419	020-5401-434.30-11	22.00
				005959	46420	020-0302-413.30-11	22.00
12/26/2018	575		CRAWFORD & ASSOCIATES, P. C.	006146	12071	020-0503-415.30-87	3,578.75
12/26/2018	596		OKLAHOMA WATER RESOURCES BOARD	005973	062918	020-5210-419.30-75	350.00
				005974	06/29/18	020-5210-419.30-75	350.00
12/26/2018	888		PREFERRED BUSINESS SYSTEMS	006069	083609	020-5205-419.40-33	205.00
12/26/2018	3911		YORK ELECTRONICS SYSTEMS INC	006087	67457	020-1700-419.40-07	227.50
12/26/2018	3964		THE ARROW GROUP	006077	76139	020-1700-419.50-76	1,954.00
				006079	76138	020-1700-419.50-76	126.00
12/26/2018	4407		MESHEK & ASSOCIATES PLC	005970	4407	020-5205-419.30-87	10,604.00
12/26/2018	6454		WASTE MANAGEMENT QUARRY LANDFI	006018	005148021859	020-5125-436.40-30	6,617.46
				006019	005158021856	020-5125-436.40-30	10,459.74
				006020	005147321854	020-5125-436.40-30	1,630.08
				006021	005157321851	020-5125-436.40-30	258.01
12/26/2018	6789		GREEN COUNTRY TESTING	005986	63651	020-5410-435.30-34	504.00
12/26/2018	8616		GEODECA LLC	005967	1809066	020-5410-435.70-16	4,760.00
				006056	1808060C	020-5205-419.30-87	268.00
12/26/2018	8919		BRIK'S INCORPORATED	005938	2465881	020-0503-415.50-28	594.87
12/26/2018	9501		MIDWEST CRANE SERVICES	006064	10192	020-5305-438.70-15	15,772.80

FUND 020 BAMA	DATE DUE	VENDOR NO	VENDOR NAME	VOUCHER NO	INVOICE NO	ACCOUNT NO	AMOUNT
	12/26/2018	9754	HUTHER & ASSOCIATES, INC	005993	6474/	020-5410-435.30-34	610.00
	12/26/2018	9918	VALBRIDGE PROPERTY ADVISORS	006080	OK01183146000	020-5215-419.30-87	900.00
				006081	OK01183145000	020-5215-419.30-87	900.00
	12/26/2018	10039	COVANTA ENERGY LLC	005981	207232CVTUL	020-5125-436.40-30	3,388.58
				005982	205897CVTUL	020-5125-436.40-30	28,943.40
	12/26/2018	10137	WAGONER CO RRWD DISTRICT #4	005980	042	020-0503-415.50-28	150.00
	12/26/2018	10214	TULSA'S GREEN COUNTRY STAFFING	006017	67484	020-5125-436.50-37	4,137.90
	12/26/2018	10360	JAVA DAVES EXECUTIVE COFFEE SE	005994	272405	020-5205-419.60-23	75.58
				005997	502232	020-5305-438.60-23	60.48
	12/26/2018	10887	SW SECTION 1MSA INC	006007	03/27-28/19	020-5305-438.30-11	1,797.00
	12/26/2018	11332	STAND-BY PERSONNEL	006006	205177	020-5125-436.50-37	1,920.30
	12/26/2018	11458	ROBERSON & COMPANY REALTY ADVI	006073	715	020-5415-435.70-08	1,600.00
				006074	716	020-5415-435.70-08	1,600.00
						12/26/2018 TOTAL -	105,247.27
						CUMULATIVE TOTAL -	2,399,207.96
	12/27/2018	133	UTILITY SUPPLY	006131	121080	020-5405-434.70-15	11.00
				006132	121329	020-5405-434.70-15	114.85
	12/27/2018	176	TIMMONS OIL COMPANY INC	006130	BI21127	020-5405-434.70-15	2,542.15
	12/27/2018	205	FERGUSON WATERWORKS #1895	006124	0598713	020-5405-434.70-15	326.40
				006125	0596826	020-5405-434.70-15	287.00
	12/27/2018	403	MAXWELL SUPPLY OF TULSA INC	006126	474307	020-5405-434.70-15	576.65
				006127	475084	020-5405-434.70-15	771.30
				006137	473830	020-5405-434.70-15	247.29
				006138	473981	020-5405-434.70-15	575.53
	12/27/2018	420	APAC-CENTRAL, INC	006114	7001178186	020-5405-434.70-15	1,503.43
				006115	7001174145	020-5405-434.70-15	475.52
				006116	7001174067	020-5405-434.70-15	792.72
				006117	7001174057	020-5405-434.70-15	630.95
				006118	7001174231	020-5405-434.70-15	1,490.47
				006119	7001167460	020-5405-434.70-15	230.18
				006120	7001179155	020-5405-434.70-15	1,143.53
	12/27/2018	625	FASTENAL COMPANY	006136	OKTU1186775	020-5405-434.70-15	5.24
	12/27/2018	5803	AMERICAN HOSE & SUPPLY	006113	0052405	020-5405-434.70-15	129.50
	12/27/2018	7106	OZARK LASER SYSTEMS, INC.	006128	03025500	020-5405-434.70-15	300.00
				006129	03025563	020-5405-434.70-15	657.00
	12/27/2018	9018	DOLESE BROS. CO.	006123	RM18056284	020-5405-434.70-15	1,467.00
	12/27/2018	9788	CRIMSON STEEL SUPPLY LLC	006122	0000036398	020-5405-434.70-15	18,074.56
				006133	0000036098	020-5405-434.70-15	19,898.05
				006134	0000036099	020-5405-434.70-15	14,962.29
				006135	0000036101	020-5405-434.70-15	22,519.27
	12/27/2018	10051	BROWNECO MFG & SALES	006121	582371	020-5405-434.70-15	1,419.24
	12/27/2018	11510	UFP HARRISONVILLE LLC 251	006139	2510705696	020-5405-434.70-15	4,828.15
						12/27/2018 TOTAL -	95,979.27
						CUMULATIVE TOTAL -	2,495,187.23
	1/02/2019	309	OKLAHOMA NATURAL GAS CO	000025	253747127	020-5415-435.50-24	37.54
				000026	254035382	020-5415-435.50-24	28.76
				000027	257659209	020-5415-435.50-24	42.59
				000111	257977409	020-5415-435.50-24	27.37
				000423	220544536	020-5415-435.50-24	25.22

FUND	020 BAMA	DATE	VENDOR	VENDOR	VOUCHER	I NVOI CE	ACCOUNT	AMOUNT
		DUE	NO	NAME	NO	NO	NO	
					000424	253867927	020-5415-435.50-24	25.25
					004044	111356527	020-5305-438.50-24	221.94
					004047	110016445	020-5120-437.50-24	315.80
					004756	253747127	020-5415-435.50-24	.63
					004757	254035382	020-5415-435.50-24	.43
					004758	257659209	020-5415-435.50-24	.65
					004761	257977409	020-5415-435.50-24	.40
					006108	220544536	020-5415-435.50-24	.12
					006136	179009782	020-5100-437.50-24	201.38
1/02/2019	442			AMERICAN ELECTRIC POWER	000369	9553052871	020-5405-434.50-25	6,603.23
					000659	9509512540	020-5400-434.50-25	75.28
					000660	9520400250	020-5400-434.50-25	45.87
					000661	9529037750	020-5400-434.50-25	206.13
					000662	9535827230	020-5400-434.50-25	701.58
					000663	9525157130	020-5400-434.50-25	67.33
					000664	9572008130	020-5400-434.50-25	229.94
					000665	9579897130	020-5400-434.50-25	73.64
					000666	9579957130	020-5400-434.50-25	40.12
					003907	9588213380	020-5405-434.50-25	39,921.87
					009439	9525931030	020-1700-419.50-25	753.32
1/02/2019	7367			BOKF N. A.	006111	600814222	020-0503-415.50-28	2,577.59
1/02/2019	7724			WINDSTREAM	006112	4513524	020-5415-435.50-22	80.32
					007568	4513524	020-5415-435.50-22	80.84
					007570	3572491	020-5415-435.50-22	83.87
1/02/2019	7782			TIGER, INC.	003043	1100164	020-5120-437.50-24	963.24
					004049	1790097	020-5100-437.50-24	413.26
1/02/2019	8512			AT&T MOBILITY	002231	9369042	020-5410-435.50-22	20.25
					005089	2318262	020-5305-438.50-54	41.23
					005090	2320816	020-5305-438.50-54	41.23
					005091	2328223	020-5305-438.50-54	41.23
					005092	2372406	020-5305-438.50-54	41.23
					005093	2373480	020-5305-438.50-54	41.23
					005094	2840882	020-5305-438.50-54	41.23
					005095	3445134	020-5305-438.50-54	41.23
					005096	6005562	020-5305-438.50-54	41.23
					005100	2321806	020-5120-437.50-22	128.36
					005101	2322011	020-5120-437.50-22	67.59
					005102	2373170	020-5400-434.50-54	41.23
					005103	2829013	020-5400-434.50-54	41.23
					005104	4026912	020-5400-434.50-54	42.23
					005105	4039359	020-5400-434.50-54	41.23
					005106	7285048	020-5400-434.50-54	41.63
					005107	7285116	020-5400-434.50-54	41.23
					005108	8993249	020-5400-434.50-54	41.23
					005111	2825651	020-5200-419.50-54	45.43
					005112	2825682	020-5200-419.50-54	41.23
					005113	2825684	020-5200-419.50-54	41.23
					005114	2825686	020-5200-419.50-54	41.23
					005115	2825697	020-5200-419.50-54	41.43
					005116	4080384	020-5200-419.50-54	41.23
					005117	6303341	020-5200-419.50-54	41.23

FUND	020 BAMA	DATE	VENDOR	VENDOR	VOUCHER	I NVOI CE	ACCOUNT	AMOUNT
		DUE	NO	NAME	NO	NO	NO	
					005149	2820091	020-5415-435.50-22	42.03
					005150	3468936	020-5415-435.50-22	41.23
					005155	5100835	020-5406-434.50-54	41.23
					005156	5109132	020-5406-434.50-54	41.23
					005157	5764506	020-5215-419.50-54	144.82
					005159	6446493	020-5200-419.50-22	66.57
					005160	6446494	020-5200-419.50-22	66.57
					005161	6930623	020-5200-419.50-22	66.57
					005162	8570323	020-5200-419.50-22	66.57
					005163	8920616	020-5200-419.50-22	66.57
					005164	7201588	020-5205-419.50-22	38.93
					005165	9023966	020-5215-419.50-54	61.21
					005188	2007853	020-5415-435.50-54	44.23
					005189	2315616	020-5415-435.50-54	44.23
					005190	2371672	020-5415-435.50-54	44.23
					005191	2601496	020-5415-435.50-54	44.23
					005192	2608563	020-5415-435.50-54	44.23
					005193	2823776	020-5415-435.50-54	44.23
					005194	2844760	020-5415-435.50-54	44.23
					005195	2929351	020-5415-435.50-54	44.23
					005196	3442899	020-5415-435.50-54	44.23
					005197	3445617	020-5415-435.50-54	44.23
					005198	3462916	020-5415-435.50-54	44.23
					005199	3612190	020-5415-435.50-54	44.23
					005200	6008871	020-5415-435.50-54	44.23
					005201	6060153	020-5415-435.50-54	44.23
					005202	6065638	020-5415-435.50-54	44.23
					005203	6067659	020-5415-435.50-54	44.23
					005204	6069828	020-5415-435.50-54	44.23
					005205	6070339	020-5415-435.50-54	44.23
					005206	6071681	020-5415-435.50-54	44.23
					005207	6075244	020-5415-435.50-54	44.23
					005208	6075824	020-5415-435.50-54	44.23
					005209	6076195	020-5415-435.50-54	44.23
					005210	6077956	020-5415-435.50-54	44.23
					005211	6250857	020-5415-435.50-54	44.23
					005212	6253925	020-5415-435.50-54	44.23
					005213	6294372	020-5415-435.50-54	44.23
					005214	6296952	020-5415-435.50-54	44.23
					005215	6306537	020-5415-435.50-54	44.23
					005216	6307921	020-5415-435.50-54	44.23
					005217	6335171	020-5415-435.50-54	44.23
					005218	6403620	020-5415-435.50-54	44.23
					005219	6405196	020-5415-435.50-54	44.23
							1/02/2019 TOTAL -	57,133.46
							FUND 020 TOTAL -	2,552,320.69





# City of Broken Arrow

## Request for Action

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**File #: 19-113, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 01-02-2019**

**Title:**

Consideration, discussion and possible direction to Staff to enter into negotiations for the potential acquisition of Green Country Sewer District located at 20108 East 33rd Place South, Broken Arrow, Oklahoma 74014

**Background:**

On December 10, 2018, Mr. Jack Spradling, the majority owner of Green Country Sewer, LLC, met with Staff to discuss any interest that the Authority may have in acquiring the sanitary sewer district. Green Country Sewer, LLC is a privately-owned company in good-standing with the State of Oklahoma licensed to collect, treat and discharge public wastewater. The district is located in the northern extents of the city of Broken Arrow. It serves several subdivisions including: Steeple Chase, Steeple Chase Farms, Glen Eagles, Sunrise Estates, Marlborough Estates, and a few more that are located outside the city limits. Presently, there are 3,000 customers with an additional capacity of 500 customers. The customer capacity of 3,500 equates to 10,000 people. An aerial photograph is attached to better clarify its location.

The system consists of a mechanical plant that can treat between 1.0 million gallons a day (MGD) to 1.5 MGD, best guess at this point, and five (5) lift stations. It discharges through a 15-inch diameter to 18-inch diameter outfall line to Spunky Creek immediately south of Rockford Street (East 31<sup>st</sup> Street South) and just east of 23<sup>rd</sup> Street (South 193<sup>rd</sup> East Avenue or County Line).

Green Country Sewer has made significant improvements to its system as mandated by the State of Oklahoma Department of Environmental Quality (ODEQ). In fact, according to the ownership, Green Country Sewer has entered into a Consent Order with ODEQ to bring the entire system up to regulatory compliance. As a part of this Consent Order, Green Country Sewer hired Tetra Tech, Inc., a nationally recognized professional engineering consulting firm with expertise in environmental, water and wastewater engineering. Tetra Tech conducted an extensive evaluation of the entire system and developed a plan of action to incorporate necessary improvements to meet state regulations. The State is allowing Green Country Sewer until 2022 to complete these improvements. Presently, Green Country Sewer believes it is ahead of the Consent Order schedule.

According to the ownership, Green Country Sewer has repaired or reconstructed all five lift stations in recent years. They have made approximately \$1.2 million worth of improvements to the plant alone. As a part of the evaluation, Tetra Tech conducted an Inflow and Infiltration investigation on the collection system and has identified areas of the system that need repairs or replacement. A portion of this work has been performed. At this time, Staff is unsure of the level of completion and as to what work remains to be performed.

As of this date, Staff does not know what the State of Oklahoma Water Resources Board (OWRB) has classified the receiving stream. The receiving classification could be a concern. It certainly would need to be clarified and potentially addressed with the State.

At this time, Staff is simply requesting the Authority's input on how we should proceed. If the Authority is interested in pursuing open discussions, then at some point in time, it would be prudent in hiring an outside

consultant to conduct a “Due Diligence” investigation.

**Cost:** To be determined

**Funding Source:** None

**Requested By:** Kenneth D. Schwab, P.E., CFM, Assistant City Manager - Operations

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

**Attachments:** Aerial Photograph - Overall Map  
Aerial Photograph - Detailed Site map

**Recommendation:**  
As the Authority directs



## Overall Map

Green Country Sewer District - Approximate Boundaries

## Overall Map

Green Country Sewer District - Approximate Boundaries

## Legend

PLANT

E-41st St



New Tulsa

E 41st St S

East 51st Street South

Lynn Ave

E Omaha St

S 209th Ave

East 61st St S

E Albany St

N 23rd St

Oneta Rd

The Google Earth logo is displayed in its characteristic white, sans-serif font. The text is positioned over a background image of a city street, which is visible through a semi-transparent grid pattern, suggesting a 3D map or satellite view.

© 2018 Google



W Broken St Arrow

E Kenosha St

College St

351

2 mi



# Close-Up Site Map

Green Country Sewer Plant

Legend



300 ft