

The City of Durant encourages participation from all its citizens. If participation at any public meeting is not possible due to a disability, notification to the City Clerk at least 48 hours prior to the scheduled meeting is encouraged in order to make the necessary accommodations. The City of Durant may waive the 48-hour rule if interpreters for the deaf (signing) or translation services for limited English proficient (LEP) individuals are not the necessary accommodation.

THE DURANT CITY UTILITIES AUTHORITY / DCUA

6:00 PM

**Roscoe J. Hatfield
Council Chambers, 300
West Evergreen,
Durant, Oklahoma
AGENDA**

August 13, 2019

**DURANT CITY HALL
300 W. EVERGREEN, DURANT, OK
ROSCOE J. HATFIELD COUNCIL CHAMBERS**

CALL TO ORDER

ROLL CALL

ORDER OF BUSINESS

1. Consent Items

To help streamline meetings and allow the focus to be on other items requiring strategic thought, the "Consent Items" portion of the agenda groups the routine, procedural, and self-explanatory non-controversial items together. These items are voted on in a single motion (one vote). However, any Council member requesting further information on a specific item thus removes it from the "Consent Items" section for individual attention and separate vote.

- a. Consider Approval of Regular Meeting Minutes of July 9, 2019

2. Consider Items Removed from Consent

3. Information Items

- a. Landfill Information and Reports - July 2019
- b. Solid Waste Department Monthly Report - July 2019
- c. Utility Department Monthly Report - July 2019
- d. Utility Line Maintenance Report- July 2019
- e. Waste Water Treatment Plant and Lab Monthly Report - July 2019
- f. Water Treatment Plant Monthly Reports- July 2019

4. Administration

- a. Consider Waiving the Requirement for Competitive Bidding per Ordinance 1864 A and Approval of Purchase of the Sewer Line

Rapid Assessment Tool (SL-RAT) from Duke's Root Control in the Amount of \$26,430.00

- b. Consider Waiving the Requirement for Competitive Bidding per Ordinance 1864 A and Approval to Spend \$100,000 for the Service Provided by Esbenshade Inc. to Dispose of Sludge Produced at the Waste Water Treatment Plant
- c. Consider Approval of Change Order # 1 for the Mooney Lift Station Project to Reduce Overall Costs of the Project by \$98,870

ADJOURNMENT

CERTIFICATE

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 13th day of November, 2018 and that an agenda of said meeting was posted at the place of such meeting at 5:48 p.m. on the 9th day of August, 2019.

Cynthia J. Price, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 7/18/2019
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of July 9, 2019

Council Information / Action Requested

Approval of Regular Meeting Minutes of July 9, 2019

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
Minutes 7.9.2019	Exhibit	7/18/2019

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 13th day of November, 2018 and that an agenda of said meeting was posted at the place of such meeting at 2:15 p.m. on the 5th day of July, 2019.

MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY UTILITIES AUTHORITY OF July 9, 2019 AT 6:00 PM, Roscoe J. Hatfield Council Chambers, 300 West Evergreen, Durant, Oklahoma

CALL TO ORDER

Chairman Grube called the meeting to order at 6:45 p.m.

ROLL CALL

Present: Trustee Mike Morris	City Manager Tim Rundel
Trustee Danny Sherrer	City Attorney Tom Marcum
Trustee Jerry Tomlinson	City Clerk Cynthia J. Price
Vice Chairman Steve Brittingham	
Chairman Oden Grube	

Absent: None (*denotes partial attendance)

Chairman Grube declared a quorum.

1. Consent Items

To help streamline meetings and allow the focus to be on other items requiring strategic thought, the "Consent Items" portion of the agenda groups the routine, procedural, and self-explanatory non-controversial items together. These items are voted on in a single motion (one vote). However, any Council member requesting further information on a specific item thus removes it from the "Consent Items" section for individual attention and separate vote.

- a. Consider Approval of Regular Meeting Minutes of June 11, 2019
- b. Consider Approval of Special Called Meeting Minutes of June 17, 2019
- c. Consider Approval of an Easement to OG&E for Adding Facilities on the Road Right of Way Located at Country Club Road
- d. Consider Approval to Purchase One (1) John Deere Gator in the Amount of \$15,227.84 from United Ag and Turf for the Water Treatment Plant (State Contract SW194)

- e. Consider Approval to Purchase a John Deere Tractor Package in the Amount of \$29,164.94 from United Ag and Turf for the Water Treatment Plant (State Contract SW196)
- f. Consider Approval to Purchase a 2020 Mack LR64R/Heil DPF Python 28 Yard Automated Trash Truck in the Amount of \$310,000 from United Engines for the Solid Waste Collection (State Contract SW197)
- g. Consider Approval to Purchase a Cat 420F2 Backhoe in the Amount of \$110,306.80 for the Landfill (Buy Board Contract # NJPA 17635)

Approved

Motion was made by Steve Brittingham and seconded by Danny Sherrer to approve consent items as presented.

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson

2. Consideration Items Removed from Consent

3. Information Items

- a. Landfill Information and Reports - June 2019
- b. Solid Waste Department Monthly Report - June 2019
- c. Utility Department Monthly Report - June 2019
- d. Water Plant Operation Reports

4. Administration

- a. Consider Approval Contract # 2019-37 and Award of Bid to Howard Construction, Inc in the Amount of \$339,220 for the Mooney Lift Station Improvements, Contingent upon Successful Negotiation of a Change Order to Reduce the Overall Cost to Within Budgeted Amount.

Approved

Public Works Director Marty Cook addressed council and stated the Mooney Lift Station is located off University Boulevard on Mooney Drive and runs the sewer for everything West of that point and North of 49th. Mr. Cook stated the lift station is overloaded and beginning to impede development. The bid came in high so he is working with the engineer on some options to make this fit within the budget.

Motion was made by Jerry Tomlinson and seconded by Steve Brittingham to approve Contract 2019-37 and award bid to Howard Construction, Inc. in the amount of \$339,220 for the Mooney Lift Station Improvements contingent upon successful negotiation of a change order to reduce the overall cost to within budgeted amount.

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson

Adjournment

Motion was made by Steve Brittingham and seconded by Mike Morris to adjourn meeting.

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson



The City of Durant

Solid Waste Landfill

Memorandum

Date: 8/5/2019
To: Utilities Authority
From: Kenny Cooper, Landfill Supervisor, Solid Waste
Re: Landfill Information and Reports - July 2019

Council Information / Action Requested

Information only.

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
July 2019 DEQ Report	Cover Memo	8/5/2019
July 2019 Project Schedule	Cover Memo	8/5/2019



MONTHLY REPORT FOR SOLID WASTE DISPOSAL FACILITIES

(Please see instructions prior to completing this form)

Due by the 10th of the month following the reporting month

Administrative Services
Accounts Receivable
P. O. Box 2036
Oklahoma City, OK 73101-2036

Report month/year: JULY 2019

Facility Name: CITY OF DURANT C/D LANDFILL
Mailing Address: PO BOX 578
DURANT, OK 74702-0578

Permit Number: 3507001

Phone Number: 580-931-6606

Total # of Days open: 26

COMPLETE SECTIONS 5-10 ONLY IF SCALES GO DOWN

D A Y	(1) Total weight accepted (tons)	(2) Weight which is reused or recycled in accordance with facility permit (tons)	(3) Weight accepted from a DEQ approved emergency or special event (tons)	(4) Weight accepted from large industrial waste generators with DEQ exemption certificate (tons)	(5) Time scales placed out of service	(6) Time scales placed into service	(7) Total volume accepted (yd3)	(8) Volume which is reused or recycled in accordance with facility permit (yd3)	(9) Volume accepted from a DEQ approved emergency or special event (yd3)	(10) Volume accepted from large industrial waste generators with DEQ exemption certificate (yd3)
1	162.52									
2	108.26									
3	173.04									
4										
5	157.45									
6	78.27									
7										
8	168.81									
9	10.26									
10	250.43									
11	379.6									
12	262.15									
13	15.37									
14										
15	116.2									
16	195.43									
17	139.91									
18	154.82									
19	155.18									
20	34.09									
21										
22	205.55									
23	195.66									
24	175.05									
25	145.53									
26	172.26									
27	34.22									
28										
29	68.46									
30	263.64									
31	356.73									
Total	4178.89	0	0	0	0	0	0	0	0	0

I hereby certify that the information reported above is accurate and correct to the best of my knowledge and includes all solid waste received at this facility.

Signature of authorized agent: Benneth Cooper Phone #: 580-924-8358 Date: 8/1/2019

INSTRUCTIONS FOR COMPLETING THE MONTHLY REPORT FOR SOLID WASTE DISPOSAL FACILITIES

The monthly report for solid waste disposal facilities should be submitted to the DEQ no later than the 10th of the month following the reporting month and should include all solid waste received during the month. **If no solid waste is received in a given month, a monthly report is still required. Please include a notation that no solid waste was received during the month.**

1. In the spaces provided, enter the month and year covered by the report, the facility name, permit number, mailing address, and phone number.

2. For each operating day of the month, provide the following and identify which days during the month the facility was closed.

Column 1: **Total weight accepted:** Enter the total weight, in **tons**, of all waste accepted at the facility for each day. The total must include weights to be reported in columns 2, 3, and 4.

Column 2: (Only applicable to landfill disposal facilities) **Weight which is reused or recycled in accordance with facility permit:** Enter the weight, in **tons**, of waste accepted at the facility which was productively reused at the facility in accordance with the facility's permit OR was recovered and sold in accordance with the facility's permit.

Column 3: (Only applicable to landfill disposal facilities) **Weight accepted from a DEQ approved emergency or special event:** Enter the weight, in **tons**, of waste accepted at the facility from an emergency or special event for which the facility received prior approval from the DEQ to waive the state disposal fee.

Column 4: (Only applicable to landfill disposal facilities) **Weight accepted from large industrial waste generators with DEQ exemption certificate:** Enter the weight, in **tons**, of waste received from large industrial waste generators **which was accompanied by a large industrial waste generator fee exemption certificate issued by the DEQ.**

Column 5: (Only applicable to landfill disposal facilities) **Time scales placed out-of-service:** Enter the approximate time (hour:minute) the scales became inoperative.

Column 6: (Only applicable to landfill disposal facilities) **Time scales placed into service:** Enter the approximate time (hour:minute) the scales were placed into service.

*Note: Section 2-10-802 of the Oklahoma Solid Waste Management Act requires operators of certain landfill disposal facilities to weigh all solid waste received at the landfill. **Only when the scales are inoperative may a landfill record the volume of waste***

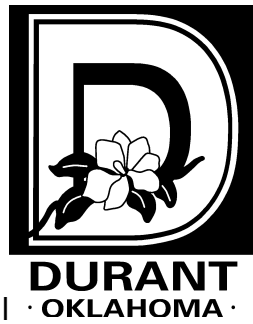
Column 7: **Total volume accepted:** Enter the total volume in **cubic yards** of all waste accepted at the facility. The total must include volumes to be reported in columns 8, 9, and 10.

Column 8: (Only applicable to landfill disposal facilities) **Volume which is reused or recycled in accordance with facility permit:** Enter the volume, in **cubic yards**, of waste accepted at the facility which was productively reused at the facility in accordance with the facility's permit OR was recovered and sold in accordance with the facility's permit.

Column 9: (Only applicable to landfill disposal facilities) **Volume accepted from a DEQ approved emergency or special event:** Enter the volume, in **cubic yards**, of waste accepted at the facility from an emergency or special event for which the facility received prior approval from the DEQ to waive the state disposal fee.

Column 10: (Only applicable to landfill disposal facilities) **Volume accepted from large industrial waste generators with DEQ exemption certificate:** Enter the volume, in **cubic yards**, of waste received from large industrial waste generators **which was accompanied by a large industrial waste generator fee exemption certificate issued by the DEQ.**

3. At the end of the month, calculate the total down time for the scales (hours:minutes) and include in the space provided. Sum each column and include in the appropriate column.



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***July 2019***

A. Work Completed for July:

1. Covered C & D Site
2. Hauled MSW To SORD
3. picked up 350 roll-off's & 17 delivered

B. Work Planned For August:

1. Continue Covering C&D site
2. Have new C&D cell 10C inspected and approved
3. Haul MSW To SORD
4. Continue Picking up, Delivering

C. Work Planned For Jan. '19 – Dec. '19:

Approx. Start – Finish Date:

1. Haul trash to Ardmore 1-2019 thru 12-2019

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 8/1/2019
To: Utilities Authority
From: Albert Pierce, Solid Waste Department
Superintendent
Re: Solid Waste Department Monthly Report - July 2019

Council Information / Action Requested

Information only.

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
Solid Waste Projects Schedule - July 2019	Exhibit	8/1/2019



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS SCHEDULE ***July 2019***

A. Work Completed:

1. Hauled 112.78 tons of extra hauling
2. Hauled 116 loads of extra hauling
3. Picked up and delivered 23 sharps
4. No abatement this month
5. Cleaned Sunny Side rd. 3 time
6. Refurbished dumpsters
7. Replaced 8 dumpsters with new
8. Cleaned dead ends of Cemetery rd. 2 time

B. Work Planned For August

1. Refurbish. dumpsters
- 2.

C. Work Planned For Jan. '1-19 – Dec. 31-19

1. Pick up trash

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Office of City Clerk

Memorandum

Date: 8/1/2019
To: Utilities Authority
From: Stephanie Barfield, Utility Billing Supervisor
Re: Utility Department Monthly Report - July 2019

Council Information / Action Requested

Information only.

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
Utility Department Monthly Report - July 2019	Exhibit	8/1/2019



Monthly Utility Billing, Cash Collection, And Consumption Summary

JULY 2019

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	6893		6065		6425	
Total Revenue Billed	\$364,953.50	\$364,953.50	\$241,153.33	\$241,153.33	\$360,752.79	\$360,752.79
Adjustments in Dollar	(\$1,594.05)	(\$1,594.05)	(\$1,341.36)	(\$1,341.36)	(\$4,758.84)	(\$4,758.84)
TOTAL CASH RECEIPTS	\$303,582.69	\$303,582.69	\$184,132.27	\$184,132.27	\$303,241.89	\$303,241.89

CONSUMPTION IN GALLONS	103,416,700
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NEW SERVICE APPLICATIONS 117
 NUMBER OF WALK INPHONE PAYMENTS 1,926
 MAIL PAYMENTS 1,477
 CREDIT CARD PAYMENTS 923
 WEB PAYMENTS 1,017
 DROP BOX PAYMENTS 458
 BANK DRAFT PAYMENTS 823
 CREDIT CARD DRAFT PAYMENTS 192
 KIOSK 976
 OTHERS



The City of Durant

Office of the Water and Sewer Maintenance Department

Memorandum

Date: 8/8/2019
To: Utilities Authority
From: Jay Neal- Utility Line Maintenance
Supervisor
Re: Utility Line Maintenance Report- July 2019

1. Starting this month, the department transitioned from a conventional 5x8hr work week to a 4x10hr staffing model.
 - a. After-hours calls decreased from an average of 40 calls per month to 9 calls per month (77% decrease).
 - b. We have also seen a marked improvement in productivity. Under the previous staffing model, the department was completing an average of 5.1 jobs per day. Under the current model, we are completing an average of 10.7 jobs per day. This is an increase of 110%.
2. Upon receipt of the SL-RAT (Sewer Line Rapid Assessment Tool), we will begin to complete the city's wastewater infrastructure footprint. A year ago, we were loaned OMAG's SL-RAT and were able to complete 80% of the city.

Council Information / Action Requested

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
City Council Top Sheet	Cover Memo	8/9/2019

July 2019

Water Leaks:	52
Sewer Stops:	16
Taps:	26
Other Completed Jobs:	336
Total Jobs:	430
Carryover Balance to Next Month	62

Jobs/Day	10.74
Jobs/Week	23.5
Jobs/Month	94

Added Leaks	23
Taps	5



The City of Durant

Office of the Wastewater Treatment Plant

Memorandum

Date: 8/7/2019
To: Utilities Authority
From: Jesse D Burk Sr, Waste Water Treatment Plant
Re: Waste Water Treatment Plant and Lab Monthly Report - July 2019

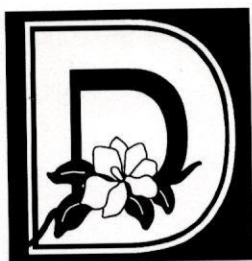
Council Information / Action Requested

Information only.

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
Waste Water Treatment Plant Monthly Report - July 2019	Exhibit	8/7/2019
Lab Report - July 2019	Exhibit	8/9/2019



DURANT
OKLAHOMA

The City of Durant Office of the Wastewater Treatment Plant

PROJECTS SCHEDULE

A: WORK PLANNED FOR JULY 2019

- 1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (on going)
- 2: CLEAN CLARIFIER WEIRS 7-19-19
- 3: CLEAN BLEND TANK MIXER Mixer Being sent off for repairs
- 4: CLEAN EFFLUENT PUMP STATION -----
- 5: CLEAN RAW WATER PUMP STATION -----
- 6: CLEAN SCUM PUMP STATION --- not needed
- 7: CLEAN DRAIN LIFT STATION 7-2-19
- 8: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER 7-11-19
- 9: CALIBRATE DISCHARGE DO & PH METER
- 10: CHECK CALIBRATION OF DISCHARGE FLOW METER 7-11-19
- 11: RESET SBR PLC --- not needed
- 12: WASH DOWN STEP SCREEN 7-15-19
- 13: CLEAN UV TROUGHS AND FLUME 7-2-19
- 14: CHECK ELECTRIC MANHOLES 7-3-19
- 15: CLEAN OUT BUILDINGS 7-10-19
- 16: MANUALLY CHECK U.V. BULBS 7-2-19
- 17: WASH DOWN CASINO STEPSCREEN 7-8-19
- 18: CHECK ALL AUTOMATIC VALVES ----
- 19: VEHICLE INSPECTION 7-8-19
- 20: WALK-THRU INSPECTION 7-2-19
- 21: CLEAN ALL PLC's --- not needed
- 22: CLEAN D.O. METERS
- 23: CHECK CLARIFIER OIL WEEKLY 7-11-19

Lab Report

Date: 08/9/12

Tests Processed

<u>104</u>	Bac-t's
<u>21</u>	BOD's
<u>5</u>	TSS's
<u>6</u>	NH3's
<u>5</u>	DO's
<u>5</u>	Ph's
<u>28</u>	Fecal Coliforms (May 1 st – Sept. 30 th)
<u>0</u>	FOG's

Durant Wastewater Influent & Effluent Results

Date Tested: 8/2/12

BOD INFLUENT (RAW) - 96 mg/L

TSS INF. (RAW) - 68 mg/L

AMMONIA NITROGEN INF. (RAW) - 21.2 mg/L

CBOD EFFLUENT (FINISH) - 2.0 mg/L

TSS EFF. (FINISH)- 5.0 mg/L

AMMONIA NITROGEN EFF. (FINISH) - 0.2 mg/L

FECAL COLIFORM EFF. (FINISH) - 27 & 486 CFU/100ml (May 1st – Sept. 30th)

Work Projects

- Data entry
- Reports (water test results), Make copies and envelope
- Purchase Orders, copy, file
- Equipment calibrations and maintenance
- Sampling and process readings
- Quality Assurance, Quality Control water and wastewater tests
- Laboratory Testing
- Filing
- Daily/Weekly laboratory and WWTP building cleaning
- Monthly, Quarterly, Bi-annual, Yearly reports
- Order Lab chemicals and supplies
- Water Billing
- Storm water monitoring
- Pre Treatment



The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 8/1/2019
To: Utilities Authority
From: Phillip Hightower, Water Treatment Plant
Re: Water Treatment Plant Monthly Reports- July 2019

Council Information / Action Requested

Information only.

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
July 2019 Monthly Operation Report 1	Exhibit	8/1/2019
July 2019 Monthly Operation Report 2	Exhibit	8/1/2019
July 2019 CL02 and Chlorite Report	Exhibit	8/1/2019
July 2019 Maintenance Report	Exhibit	8/1/2019

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT (MOR)- LT2 ADDENDUM NEEDED
CONVENTIONAL OR DIRECT FILTRATION (Free Chlorine)

Plant: Durant WTP
PWSID: 1010601
County: Bryan
Month: Jul-19

Durant City Utilities Authority

PO Box 578

Durant

74702

System

Address

City

ZIP

Day	WATER TREATED (in 1,000 gal)	FILTER OPERATION								WASH WATER IN 1000 GALS.	CHEMICALS USED-LBS.								ALKALINITY - RAW				ALKALINITY - FILTERED				pH			CaCO3 STABILITY Method:	HARDNESS (ppm)		Special Test Fe, Mn or Other		REMARKS			
		FILTERS USED-HOURS									ALUM	LIME	POLYMER Name:	NAOH	Chlorite	Fluoride Name:	CHLORINE				AM TOTAL	PM TOTAL			AM TOTAL	PM TOTAL	AM	AM	PM		RAW	FILT	FILT	RAW		FILT	RAW	FILT
		1	2	3	4	5	6	7	8								PRE	POST																				
1	4954.0	24	0	24	24	23	23	24	24	70.0	2300.0	0.0	0.0	413.0	320.0	0.0	100.0	100.0			268.0	266.0			234.0	234.0	7.8	7.5	7.6	210.0	260.00	258.00						
2	4796.0	24	0	24	24	24	24	23	23	70.0	2800.0	0.0	0.0	550.0	320.0	0.0	50.0	110.0			264.0	222.0			236.0	250.0	7.9	7.5	7.8	228.0	274.00	266.00						
3	4758.0	23	0	23	23	24	24	24	24	105.0	2100.0	0.0	0.0	550.0	320.0	0.0	0.0	160.0			240.0	258.0			210.0	222.0	7.7	7.6	7.5	232.0	230.00	240.00						
4	4769.0	24	0	24	24	24	24	24	24		2000.0	0.0	0.0	275.0	320.0	0.0	0.0	120.0			266.0	250.0			232.0	220.0	7.9	7.4	7.8	224.0	270.00	266.00						
5	4673.0	24	0	24	24	23	23	24	24	70.0	2000.0	0.0	0.0	550.0	320.0	0.0	0.0	120.0			254.0	260.0			250.0	238.0	7.8	7.3	7.4	220.0	264.00	270.00						
6	4621.0	24	0	24	24	24	24	23	23	69.0	2200.0	0.0	0.0	413.0	320.0	0.0	0.0	160.0			246.0	266.0			230.0	226.0	7.9	7.5	7.6	230.0	270.00	286.00						
7	4659.0	23	0	23	23	24	24	24	24	105.0	1700.0	0.0	0.0	550.0	320.0	0.0	0.0	120.0			256.0	260.0			246.0	240.0	7.8	7.4	7.5	238.0	282.00	272.00						
8	4770.0	24	0	24	24	24	24	24	24		2600.0	0.0	0.0	0.0	320.0	0.0	70.0	150.0			268.0	256.0			252.0	234.0	7.9	7.3	7.5	242.0	266.00	246.00						
9	4730.0	24	0	24	24	23	23	24	24	70.0	2500.0	0.0	0.0	0.0	320.0	0.0	85.0	135.0			256.0	250.0			218.0	232.0	7.9	7.3	7.3	228.0	262.00	250.00						
10	4749.0	24	0	24	24	24	24	23	23	70.0	2200.0	0.0	0.0	0.0	320.0	0.0	100.0	140.0			240.0	268.0			216.0	228.0	7.9	7.2	7.0	218.0	280.00	264.00						
11	4722.0	23	0	23	23	24	24	24	24	105.0	2500.0	0.0	0.0	0.0	320.0	0.0	140.0	100.0			262.0	254.0			216.0	220.0	7.5	7.3	7.1	218.0	248.00	250.00						
12	4686.0	24	0	24	24	24	24	24	24		2600.0	0.0	0.0	0.0	320.0	0.0	140.0	100.0			260.0	250.0			230.0	212.0	7.7	7.3	7.1	220.0	244.00	260.00						
13	4761.0	24	0	24	24	23	23	24	24	65.0	2500.0	0.0	0.0	0.0	300.0	0.0	140.0	120.0			252.0	252.0			220.0	220.0	7.8	7.3	7.3	218.0	255.00	248.00						
14	4773.0	24	0	24	24	24	24	23	23	70.0	1800.0	0.0	0.0	0.0	300.0	0.0	110.0	110.0			248.0	250.0			218.0	220.0	7.9	7.3	7.3	208.0	260.00	254.00						
15	4727.0	23	0	23	23	24	24	24	24	105.0	2100.0	0.0	0.0	0.0	300.0	0.0	120.0	120.0			250.0	250.0			220.0	226.0	7.9	7.2	7.2	220.0	258.00	252.00						
16	5071.0	24	0	24	24	24	24	24	24		1900.0	0.0	0.0	0.0	320.0	0.0	100.0	100.0			258.0	258.0			222.0	224.0	7.8	7.2	7.3	222.0	254.00	254.00						
17	5481.0	24	0	24	24	23	23	24	24	60.0	2200.0	0.0	0.0	0.0	320.0	0.0	180.0	100.0			256.0	262.0			224.0	236.0	7.6	7.3	7.2	238.0	248.00	250.00						
18	5702.0	24	0	24	24	24	24	23	23	60.0	2200.0	0.0	0.0	0.0	320.0	0.0	160.0	100.0			258.0	250.0			232.0	226.0	7.7	7.4	7.2	232.0	248.00	250.00						
19	5803.0	23	0	23	23	24	24	24	24	120.0	2200.0	0.0	0.0	0.0	320.0	0.0	160.0	100.0			250.0	258.0			212.0	224.0	8.0	7.6	7.5	230.0	268.00	260.00						
20	5754.0	24	0	24	24	24	24	24	24		2400.0	0.0	0.0	0.0	320.0	0.0	130.0	130.0			250.0	246.0			230.0	220.0	8.0	7.7	7.4	226.0	242.00	248.00						
21	5635.0	24	0	24	24	23	23	23	23	140.0	2300.0	0.0	0.0	0.0	320.0	0.0	100.0	110.0			250.0	254.0			220.0	220.0	8.0	7.4	7.4	226.0	256.00	260.00						
22	5548.0	24	0	24	24	24	24	24	24		2500.0	0.0	0.0	0.0	320.0	0.0	110.0	130.0			258.0	246.0			244.0	228.0	7.9	7.1	7.2	240.0	260.00	266.00						
23	5529.0	23	0	23	23	24	24	24	24	105.0	2000.0	0.0	0.0	0.0	320.0	0.0	120.0	120.0			244.0	262.0			212.0	228.0	7.9	7.1	7.0	212.0	248.00	244.00						
24	5354.0	24	0	24	24	24	24	24	24		1500.0	0.0	0.0	0.0	320.0	0.0	110.0	110.0			248.0	266.0			220.0	238.0	7.9	7.2	7.3	224.0	244.00	248.00						
25	5338.0	24	0	24	24	23	23	23	23	140.0	2400.0	0.0	0.0	0.0	320.0	0.0	110.0	110.0			246.0	250.0			218.0	226.0	7.9	7.2	7.5	214.0	254.00	254.00						
26	5326.0	24	0	24	24	24	24	24	24		2000.0	0.0	0.0	0.0	320.0	0.0	110.0	130.0			238.0	244.0			238.0	234.0	7.9	7.4	7.3	226.0	268.00	260.00						
27	5951.0	23	0	23	23	24	24	24	24	105.0	1300.0	0.0	0.0	0.0	340.0	0.0	100.0	100.0			252.0	240.0			224.0	220.0	7.9	7.3	7.2	228.0	274.00	272.00						
28	6164.0	24	0	24	24	23	23	23	24	100.0	2000.0	0.0	0.0	0.0	350.0	0.0	100.0	100.0			248.0	238.0			224.0	220.0	7.9	7.2	7.2	222.0	254.00	250.00						
29	6200.0	24	0	24	24	24	24	24	23	35.0	2300.0	0.0	0.0	0.0	350.0	0.0	110.0	140.0			252.0	240.0			228.0	214.0	7.9	7.1	7.0	222.0	250.00	258.00						
30	5780.0	24	0	24	24	24	24	24	24		1500.0	0.0	0.0	0.0	320.0	0.0	100.0	120.0			244.0	260.0			220.0	240.0	7.9	7.1	7.2	178.0	250.00	252.00						
31	5352.0	23	0	23	23	23	23	23	24	200.0	1500.0	0.0	0.0	0.0	320.0	0.0	90.0	110.0			254.0	256.0			220.0	238.0	7.8	7.2	7.1	230.0	24.00	254.00						
Tot	161136.0	736		736	736	735	735	735	736	2039.0	66100.0			3301.0	9940.0	0.0	2945.0	3675.0			7856.0	7842.0			7076.0	7058.0					7765.00	7962.00						
Avg	5197.0	24	0	24	24	24	24	24	24	66.0	2132.0	0.0	0.0	106.0	320.0	0.0	95.0	118.0			253.0	253.0			228.0	228.0	7.8	7.6	7.3	223.0	258.00	256.00						

Power Costs

Labor Costs

Chemicals

Supplies

Repairs

Testing Cost

TOTAL

\$18,942.75

\$49,250.80

\$17,259.52

\$1,847.09

\$1,855.00

\$1,475.00

\$90,630.16

Ave Rate of Wash (Vert. in/min)

Ave Wash Period (Minutes)

% Wash Water Used

Ave. Head Loss for Washing

1.27%

I hereby certify the above to be correct to the best of my knowledge.

Signed

Title

DEQ Form # 630-577
Revised 5/21/2018

Oper. Cert. No.

Cost per thousand gallons

\$0.56



OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT (MOR)- LT2 ADDENDUM NEEDED
CONVENTIONAL OR DIRECT FILTRATION (Free Chlorine)

Plant: Durant WTP

PWSID: 1010601

County: Bryan

Month/Year: Jul-19

Durant City Utilities Authority
System

PO Box 578
Address

Durant
City

74702
Zip

Instructions:

If there are no combined filter turbidity readings or free chlorine residual sample results at the entry point to the distribution system due to the plant not running, write **OFF** in the box.

Two (2) distribution chlorine residuals **must be taken daily**, even if the plant is not running.

Mail the original by the 10th of the following month to:

Oklahoma DEQ, Water Quality Division, P.O. Box 1677, Oklahoma City, OK 73101

Combined Filter Turbidity	
Total number of turbidity readings required	186
Total number of turbidity readings	186
Number of turbidity readings above 1.49 NTU	0
HIGHEST turbidity reading	0.11
Number of turbidity readings above 0.15 NTU	0
Percent of turbidity readings above 0.15 NTU	0.00%
Free Chlorine-Entry Point to Distribution	
Total number of chlorine residual samples	186
Number of samples below 1.0 mg/L	0
Free Chlorine-Distribution	
Total number of chlorine residual samples	62
Number of samples below 0.2 mg/L	0

Individual Filter Turbidity - Complete Entire Checklist
1. Was Each Filter Monitored continuously while the plant was running? ☐ No ☒ Yes
2. Was each filter monitored every 15 minutes while the plant was running? ☐ No ☒ Yes
3. Was there a failure of the continuous monitoring equipment? ☒ No ☐ Yes
4. Did the same filter exceed 1.49 NTU in two consecutive 15 minute readings? ☒ No ☐ Yes* (Complete the Turbidity Trigger Form and attach it to this MOR)
5. Was individual filter level greater than 0.54 NTU in two consecutive measurements after being on line for more than four hours? ☒ No ☐ Yes
6. Did the same filter exceed 1.49 NTU in two consecutive 15 minute readings for three months in a row? ☒ No ☐ Yes* (Submit a Self-Assessment of the filter(s) within 14 days of the exceedance)
7. Did the same filter exceed 2.49 NTU in two consecutive 15 minute readings for two months in a row? ☒ No ☐ Yes* (Contact DEQ to schedule a Comprehensive Performance Evaluation)

* If you answered Yes to questions 4, 6, or 7, you must complete the Turbidity Trigger Form and attach it to this MOR.

				# of Readings***	COMBINED FILTER TURBIDITY						FREE CHLORINE RESIDUAL								COMMENTS
DAY	RAW	SET	SET		2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	ENTRY POINT TO DISTRIBUTION						DISTRIBUTION SYSTEM		
											12am	4am	8am	12pm	4pm	8pm			
1	20.54	2.40	4.00	6	0.06	0.06	0.05	0.05	0.05	0.06	2.70	3.13	3.06	2.84	2.86	2.91	1.45	1.67	
2	19.21	2.00	3.70	6	0.07	0.06	0.06	0.06	0.06	0.06	2.82	2.62	2.48	2.89	2.85	3.00	2.23	0.94	
3	38.21	2.20	3.50	6	0.08	0.06	0.07	0.07	0.07	0.08	3.01	3.01	2.89	2.75	2.64	2.49	1.72	1.16	
4	17.06	1.90	3.20	6	0.09	0.09	0.09	0.09	0.09	0.09	2.44	2.38	2.39	2.39	2.38	2.38	1.61	1.70	
5	15.83	2.70	2.60	6	0.09	0.11	0.09	0.09	0.08	0.09	2.40	2.47	2.50	2.56	2.51	2.49	0.72	1.61	
6	14.75	2.10	4.30	6	0.10	0.09	0.09	0.09	0.08	0.08	2.51	2.79	2.69	2.60	2.61	2.57	1.41	1.01	
7	16.31	2.30	4.10	6	0.10	0.09	0.09	0.08	0.08	0.09	2.66	2.78	2.73	2.66	2.65	2.60	1.69	1.13	
8	16.30	2.40	3.10	6	0.08	0.09	0.09	0.08	0.09	0.09	2.60	2.69	2.69	2.72	2.68	2.44	1.69	1.69	
9	24.63	2.40	3.50	6	0.09	0.09	0.08	0.07	0.07	0.06	2.48	2.93	2.94	2.81	2.78	2.68	0.92	1.64	
10	24.31	2.40	3.90	6	0.08	0.06	0.06	0.06	0.06	0.06	2.72	3.20	3.25	3.08	2.86	2.78	1.60	2.10	
11	17.66	2.20	3.20	6	0.06	0.06	0.06	0.06	0.06	0.06	2.94	3.40	3.39	3.32	3.00	2.84	1.99	2.86	
12	17.37	2.40	3.60	6	0.06	0.06	0.06	0.06	0.06	0.06	3.01	3.32	3.46	3.15	2.79	2.49	2.26	1.93	
13	16.02	2.10	3.00	6	0.06	0.06	0.06	0.06	0.06	0.07	2.48	2.48	2.48	3.12	2.80	2.68	2.12	1.55	
14	21.34	2.20	3.00	6	0.07	0.07	0.07	0.06	0.03	0.04	2.76	3.27	3.18	3.09	2.94	2.66	1.44	2.73	
15	15.91	2.20	3.10	6	0.06	0.04	0.04	0.04	0.04	0.04	2.78	3.27	3.20	3.08	2.80	2.66	1.33	1.99	
16	14.49	2.90	2.30	6	0.04	0.04	0.04	0.04	0.04	0.04	2.71	3.06	3.08	2.80	2.70	2.75	1.50	2.12	
17	15.35	1.80	3.90	6	0.05	0.05	0.04	0.04	0.04	0.04	2.92	3.21	3.20	2.83	2.64	3.10	1.91	2.30	
18	19.63	1.90	3.40	6	0.09	0.05	0.04	0.04	0.04	0.04	3.22	3.43	3.44	2.78	2.52	2.99	2.00	2.06	
19	20.93	1.90	3.30	6	0.06	0.04	0.04	0.04	0.04	0.04	3.22	3.52	3.31	3.06	2.79	2.83	2.17	2.46	
20	20.94	1.80	3.20	6	0.04	0.04	0.04	0.04	0.04	0.04	3.03	3.19	3.23	3.07	2.71	2.82	2.34	1.42	
21	19.33	2.40	3.50	6	0.06	0.05	0.06	0.05	0.04	0.04	3.03	3.26	3.24	2.94	2.93	2.74	2.02	2.11	
22	18.17	2.40	3.50	6	0.04	0.04	0.04	0.04	0.04	0.04	2.97	3.14	3.15	3.03	2.88	2.64	2.28	2.31	
23	17.42	2.30	3.30	6	0.07	0.05	0.04	0.04	0.04	0.04	2.70	3.13	3.15	3.16	2.92	2.74	1.71	2.07	
24	15.72	1.80	3.00	6	0.04	0.04	0.04	0.04	0.04	0.06	2.92	3.29	3.32	2.98	2.75	2.58	2.01	1.71	
25	14.44	2.00	4.00	6	0.07	0.06	0.06	0.04	0.04	0.04	2.70	3.24	3.25	3.03	2.83	2.62	2.12	2.30	
26	14.08	2.20	3.10	6	0.04	0.04	0.04	0.04	0.04	0.04	2.83	3.10	3.17	2.90	2.71	2.65	2.10	2.51	
27	13.38	2.00	3.10	6	0.04	0.09	0.04	0.03	0.04	0.04	2.96	3.18	3.56	2.86	2.58	2.79	2.18	2.01	
28	16.85	2.80	3.30	6	0.05	0.06	0.07	0.11	0.04	0.04	2.90	3.18	3.16	2.84	2.65	3.01	1.78	2.83	
29	18.10	1.60	3.30	6	0.05	0.05	0.05	0.04	0.04	0.04	2.82	2.95	2.98	3.00	2.69	2.67	1.71	0.90	
30	16.38	1.80	3.70	6	0.04	0.04	0.04	0.04	0.04	0.04	2.86	2.92	2.92	2.85	2.57	2.45	2.16	2.19	
31	14.88	1.80	2.90	6	0.08	0.07	0.05	0.05	0.04	0.04	2.53	2.81	2.83	2.70	2.55	2.32	1.99	2.16	

*** Number of Readings: You are required to sample the combined effluent for every four hours that the filters are in operation. You must fill out Filter Operation on the 'Chemical and Process Control tab.'

CHLORINE DIOXIDE AND CHLORITE MOR

Section 1: Data Entry

Date	ClO2 Used?	ClO2 POE	ClO2 Dist.			Chlorite POE	Chlorite Dist.			
			1st	2nd	3rd		1st	2nd	3rd	Avg
1	yes	0.1				0.6				####
2	yes	0.2				0.8				####
3	yes	0.3				0.8				####
4	yes	0.3				0.8				####
5	yes	0.2				0.9				####
6	yes	0.2				0.8				####
7	yes	0.1				0.9				####
8	yes	0.1				0.9				####
9	yes	0.2				0.8				####
10	yes	0.1				0.7				####
11	yes	0.3				0.5				####
12	yes	0.1				0.5				####
13	yes	0.1				0.5				####
14	yes	0.2				0.4				####
15	yes	0.1				0.4				####
16	yes	0.1				0.5				####
17	yes	0.2				0.6				####
18	yes	0.2				0.6				####
19	yes	0.1				0.4				####
20	yes	0.1				0.6				####
21	yes	0.1				0.7				####
22	yes	0.1				0.5				####
23	yes	0.1				0.6				####
24	yes	0.2				0.5				####
25	yes	0.2				0.5				####
26	yes	0.1				0.5				####
27	yes	0.1				0.5				####
28	yes	0.2				0.6				####
29	yes	0.1				0.6				####
30	yes	0.1				0.8				####
31	yes	0.2				0.6				####

Month July Year 2019 PWSID 1010601
PWS Name _____ Plant Name _____ WTP _____
Total 31

Section 2: Summary of Chlorine Dioxide Daily Monitoring

a. Number of Samples Collected 31.0
b. Number of Point of Entry Samples Exceeded MRDL of 0.8 mg/L 0.0

*For every day the MRDL is exceeded, three chlorine dioxide samples must be taken the next day in the distribution system. Notify your PWS Engineer. Samples results need to be recorded in ClO2 Dist. columns.*Refer to CHLORINE DIOXIDE MONITORING AND COMPLIANCE FACT SHEET for further instructions.*

c. Number of Distribution Samples Exceeding MRDL of 0.8 mg/L 0.0

****VERY IMPORTANT. THIS IS A TIER 1 VIOLATION. THIS VIOLATION MUST BE IMMEDIATELY REPORTED TO DEQ AND TO ALL PERSON SERVED BY THE SYSTEM WITHIN 24 HOURS.****

Section 3: Summary of Chlorite Daily Monitoring

a. Number of Samples Collected 31.0
b. Number of Point of Entry Samples Exceeded MCL of 1.0 mg/L 0.0

*For every day the MCL exceeded, three chlorite samples must be taken the next day in the distribution system. Enter sample results in Chlorite Dist. columns and then average. *Refer to CHLORITE MONITORING AND COMPLIANCE FACT SHEET for further instructions.*

c. Number of Distribution Average exceeding MCL of 1.0 mg/L 0.0

Signature of owner or operator Date

Printed name Operator License #

Send Form by 10th of Following Month to:
Water Quality Division Attn DBP Coord.
P.O. Box 1677 Oklahoma City, Oklahoma 73101-1677





THE CITY OF DURANT

Office of the Water Treatment Plant

Water Treatment Plant Projects Schedule July 2019 Monthly Report

A. Work Completed

1. Calibrate lab instruments daily
2. Maintained Water Plant
3. Cleaned all buildings weekly
4. Backwashed filters as needed
5. Backwashed raw pumps weekly
6. Hooked up chlorine tanks and checked for leaks
7. Unload chemicals as they arrived
8. Pulled sludge as needed
9. Run daily chlorine dioxide samples on raw line
10. Flushed alum pumps
11. Inspected fire extinguishers
12. Pulled required water samples and send to ODEQ
13. Clean turbidity meters as needed
14. Cleaned screens on CLO2 generator as needed
15. Mowed Plant Grounds
16. Weed eated around Plant
17. Replaced fuse in new plant center drive control box
18. Mowed at Airport tower and weed eated
19. Fixed 4x4 dorr handle
20. Tightened packing on #3 transfer pump
21. Mowed, weed eated and sprayed at Chuckwa, Big Lots, First and Arkansas and Thirteen and Arkansas towers
22. Changed blades on mower
23. Replaced hot water heater in lab
24. Raw new caustic feed line
25. Moved measuring tape on alum tank
26. Treated 161,667,000 of water

B. Work Planned for January-December

1. Paint buildings
2. Put Gravel at Chuckwa Tower
3. Put Gravel at Raw Pump Station
4. Fix #2 filter underdrain
5. Build new Fluoride Building

Approx Start/Finish Date

Time permitting
Time Permitting
Time Permitting
Time permitting

C. Projects Planned and Requested for Authorization

- A. Upgrade raw pump building at the water plant
- B. Upgrade Scada system on Old and New Plant Filters



The City of Durant

Office of the Water and Sewer Maintenance Department

Memorandum

Date: 8/5/2019
To: Utilities Authority
From: Jay Neal- Utility Line Maintenance Supervisor
Re: Consider Waiving the Requirement for Competitive Bidding per Ordinance 1864 A and Approval of Purchase of the Sewer Line Rapid Assessment Tool (SL-RAT) from Duke's Root Control in the Amount of \$26,430.00

1. Purchase of the SL-RAT has been pre-approved and budgeted for FY 19-20
2. This tool is an OMAG certified apparatus in determining the fitness of wastewater lines within the city.
3. During any potential tort claim proceedings involving wastewater lines, OMAG will inquire if the city has either made use of or analyzed the research gathered from the SL-RAT.
4. Attached are the following: Sole Source documentation from Duke's Oklahoma, SL-RAT City of Durant Quote, and a visual map of one of the benefits of the tool.

Council Information / Action Requested

Waive the Requirement for Competitive Bidding per Ordinance 1864 A and Approval of Purchase of the Sewer Line Rapid Assessment Tool (SL-RAT) from Duke's Root Control in the Amount of \$26,430.00

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
SL-RAT Quote	Cover Memo	8/5/2019
SL-RAT Sole Source	Cover Memo	8/5/2019
SL-RAT Map	Cover Memo	8/5/2019
Ordinance 1864 A	Cover Memo	8/5/2019
Affidavit	Cover Memo	8/7/2019

Billing and Payment Address: 8116 South Tryon St, Suite B3-203, Charlotte, NC 28273

Prepared for:	Contact	Phone #	Fax #	Email
City of Durant, OK	Jay Neal	(580) 931-6662		jneal@durant.org
Price List:	US Price List			
InfoSense Contacts	Job Title	Phone #	Fax #	Email
Walt Woodard	Global Sales Director	(877) 747-3245 x2	(704) 930-0145	wwoodard@infosense.com
Terms and Conditions Shipment Terms: FOB Your Dock Credit Terms: Net 30 Effective From: 07/11/19 Valid Through: 09/09/19				
All shipments are ARO, and subject to final verification upon receipt of order. All items will be shipped UPS ground unless otherwise specified. Please indicate whether partial shipment is acceptable. Shipping charges are Pre-Paid. An electronic copy of this quote may be provided for your convenience. InfoSense retains an original copy of all quotes and will consider the original to be the governing document.				

Line#	Part Number	Description	Qty.	Unit of Measure	Price	Net Price	Extended Price
1		SL-RAT Standard Package*	1	ea	\$ 24,750.00	\$ 24,750.00	\$ 24,750.00
2		2nd Battery Charger (Optional)	1	ea	\$ 185.00	\$ 185.00	\$ 185.00
3		Safety Yellow Foam Frame Cushion (Optional)	1	set	\$ 220.00	\$ 220.00	\$ 220.00
4		1/2 Day Training (Optional)	1	ea	\$ 850.00	\$ 850.00	\$ 850.00
5		Shipping & Handling***	1	ea	\$ 425.00	\$ 425.00	\$ 425.00

*Price includes storage bag, one battery charger, one-year limited warranty, and license for the SL-DOG** web portal software valid for one year from the date of purchase.

**SL-DOG software consists of two components. A local client runs on a PC. It downloads the SL-RAT data from the device and is provided at no charge.

The second component is a cloudbased web portal set up for each customer at www.sl-dog.com that can assist with back office management of SL-RAT data after downloading. It includes the ability to edit measurement data, add manhole ID's, add comments, manage data quality, review productivity and export the SL-RAT data in a variety of formats including currently Google Earth kml and csv.

Post Year 1 - Optional Annual Support Agreement - \$3,000 per device - includes continued SL-DOG online software access, product servicing and repair discounts, up to 2 weeks of SL-RAT loaner use per year and continued product technical support.

Yearly subscription to the optional SL-DOG software alone is \$800/year for up to two devices - Post Year 1.

***Shipping & Handling/Insurance via UPS Ground Service

Excludes any additional applicable taxes, duties, or other government charges.

Comments: (All returned or exchanged items are subject to 25% restocking fee.)

Visit our website: www.infosense.com

WINNER 2012 WEF INNOVATIVE TECHNOLOGY AWARD

Grand Total **\$26,430.00**



8116 South Tryon Street
Suite B3-203
Charlotte, NC 28273 USA

July 11, 2019

To Whom It May Concern:

InfoSense, Incorporated in Charlotte, North Carolina is the sole manufacturer, supplier and distributor of the Sewer Line Rapid Assessment Tool or SL-RAT® and its supporting software, the Sewer Line Data Organizer or SL-DOG®. Duke's Root Control is a manufacturer's representative for the state of Oklahoma. You may contact them at (315) 472-4781 or email Brian Conroy at brian@dukes.com.

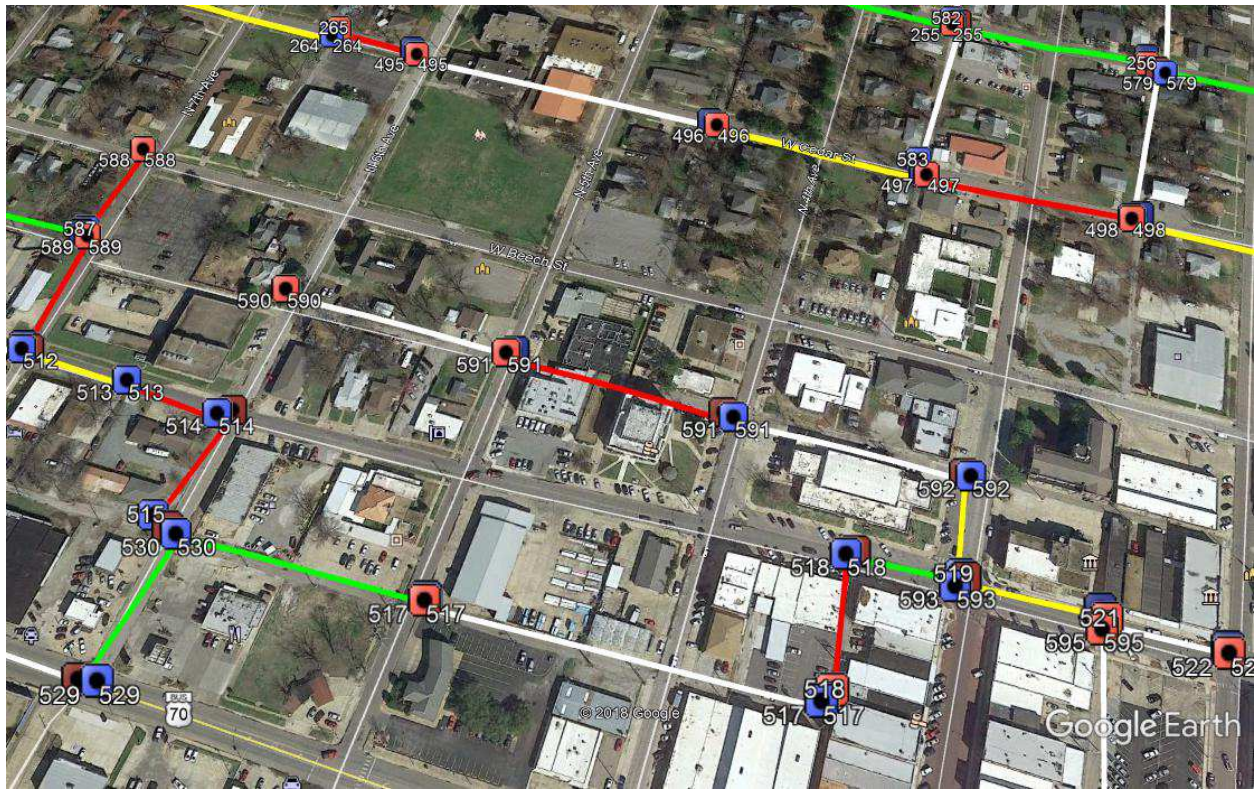
The SL-RAT® line of acoustic pipe inspection equipment is patent-protected under U.S. Patent #8220484 and other pending patents. InfoSense manufactures the only product that uses Active Acoustic transmissions between a transmitter and a receiver in adjacent pipes to provide an aggregate blockage assessment.

The SL-RAT® makes use of the fact that water and air flow similarly within a pipe. Our proprietary algorithms exploit this fact to assess blockage within a pipe segment – typically within 3 minutes or less and with no flow contact.

Sincerely,

Alex Churchill
CEO
InfoSense, Inc.
Past Winner WEF Innovative Technology Award





ORDINANCE 1864 A

SECTION 37.10 BIDDING PROCEDURES

Section 37.010 - M (The City Council may waive the requirement for competitive bidding for the purchase of supplies, materials, equipment or contractual services when some material feature or characteristic of the item or service sought to be purchased is unique and the Purchasing Agent has certified that to the best of his knowledge, after diligent inquiry, the item or service is available from only one source. The Purchasing Agent may require the department head or official requesting the bid waiver to submit an affidavit identifying the unique and material features or characteristics of the item or service. A full and complete statement of the reasons for approving each waiver of competitive bidding shall be filed with the City Clerk.

City of Durant, OK

Sole Source Affidavit

1. Name of Requestor: WILLIAM J. NEAL Dept.: 026 Utility Line Maintenance
(print) Number Name

2. Name of Vendor:
Duke's Root Control of Oklahoma

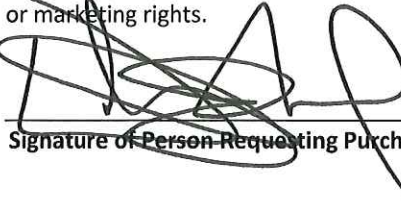
3. The above named company or firm is the sole source of the following item(s) and no other company or firm in the United States of America sells or distributes the products listed below:

SL-RAT (Sewer Line - Rapid Assessment Tool)

4. Competition in providing the above named item(s) or product(s) is precluded by the existence of a patent, copyright, secret process, or monopoly. Please indicate the status below:

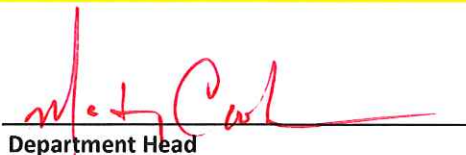
US Patent # 8220484 plus other pending patents. Infasense manufactures the only product that uses Active Acoustic transmissions between a transmitter and a receiver in adjacent pipes to provide an aggregate blockage assessment.

5. There is/are no other like item(s) or product(s) available for purchase that would serve the same purpose or function and there is only one price for the above named item(s) or product(s) because of exclusive distribution or marketing rights.


Signature of Person Requesting Purchase

8/6/2019
Date

AS A DEPARTMENT HEAD OF THE DEPARTMENT STATED IN SECTION 1, I APPROVE THIS SOLE SOURCE REQUEST.


Department Head

8-7-19
Date



The City of Durant

Public Works Director

Memorandum

Date: 8/2/2019
To: Utilities Authority
From: Marty Cook - Public Works Director
Re: Consider Waiving the Requirement for Competitive Bidding per Ordinance 1864 A and Approval to Spend \$100,000 for the Service Provided by Esbensshade Inc. to Dispose of Sludge Produced at the Waste Water Treatment Plant

Esbensshade is the only service provider for this service located anywhere near our area. They haul our Sludge, sometimes a couple loads a day, to their property where they have been permitted by ODEQ to land apply and dispose for us. We have a good working relationship with Esbensshade and they have maintained their cost of \$225 per load for the past several years.

Council Information / Action Requested

Waive the Requirement for Competitive Bidding per Ordinance 1864 A and Approval to Spend \$100,000 for the Service Provided by Esbensshade Inc. to Dispose of Sludge Produced at the Waste Water Treatment Plant

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
Quote and Affidavit	Cover Memo	8/6/2019

ESBENSHADE INCORPORATED

2174 Hendrix Road, Colbert, OK 74733

James Esbenshade, CEO 580-283-3453 Michael DeLong, Foreman



July 30, 2019

City of Durant
C/O Jesse Burk
Office of City Clerk
Accounts Payable
PO Box 578
Durant, Ok 74702

RE: New Fiscal Year Agreement

To Whom It May Concern:

Esbenshade Inc. receives \$225.00 per tanker load to pick up and remove waste water from the City of Durant's waste management facility. This agreement extends for one fiscal year.

Respectfully,

James R. Esbenshade

CEO, Esbenshade Inc.

City of Durant, OK

Sole Source Affidavit

1. Name of Requestor: Jesse D. Burk Sr. Dept.: 028 WWTP
(print) Number Name

2. Name of Vendor:

Esbenshade Farms

3. The above named company or firm is the sole source of the following item(s) and no other company or firm in the United States of America sells or distributes the products listed below:

They haul out finished sludge off and land
Apply it.

4. Competition in providing the above named item(s) or product(s) is precluded by the existence of a patent, copyright, secret process, or monopoly. Please indicate the status below:

They are the only plant that will do this for us

5. There is/are no other like item(s) or product(s) available for purchase that would serve the same purpose or function and there is only one price for the above named item(s) or product(s) because of exclusive distribution or marketing rights.

Jesse D. Burk Sr.
Signature of Person Requesting Purchase

8-6-2019
Date

AS A DEPARTMENT HEAD OF THE DEPARTMENT STATED IN SECTION 1, I APPROVE THIS SOLE SOURCE REQUEST.

Ray Anthony
Department Head

8-6-2019
Date

Walter Cool

8-6-19



The City of Durant

Public Works Director

Memorandum

Date: 8/2/2019
To: Utilities Authority
From: Marty Cook - Public Works Director
Re: Consider Approval of Change Order # 1 for the Mooney Lift Station Project to Reduce Overall Costs of the Project by \$98,870

This is a budgeted project that was bid out and the bids came back higher than estimated. We have negotiated the price with Howard Construction and value engineered some items to reduce the scope of work and allow us to fall within the original budget. We approved the contract contingent upon this change order. We have reduced the construction price from \$339,220 down to \$240,350 for a total savings of \$98,870.

Council Information / Action Requested

Approve Change Order 1

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

Description	Type	Upload Date
Change Order #1	Cover Memo	8/8/2019
Original Recommendation	Cover Memo	8/8/2019

Date of Issuance:

8/7/19

Effective Date: 8/8/19

Owner: City of Durant

Owner's Contract No.: DU-18-03

Contractor: Howard Construction, Inc.

Contractor's Project No.: DU-18-03

Engineer: Wall Engineering

Engineer's Project No.: DU-18-03

Project: Mooney Lift Station Improvements

Contract Name: One

The Contract is modified as follows upon execution of this Change Order:

Description: The following items are to be omitted from the bid and performed by owner;

1) Traffic Control-\$1500.00 2) Testing of Sewer Mains-\$500.00 3) Furnish & Install Force Main-\$11,925.00
4) Connect to Existing Sewer Main-\$300.00 5) Cut & Plug Existing Force Main \$1500.00 6) Sawcut, Remove &
Replace Asphalt-\$1045.00

Delete Bid item #19 with the exception of amount for other items associated with other work- \$25,000.00

Delete Bid Item #18- Interior & Exterior Coatings of Wet Well, Vaults and Manholes-\$50,000.00

Delete Mag Meter, Meter Vault & Davit Crane-\$7100.00

CHANGE IN CONTRACT PRICE

Original Contract Price:

\$ 339,220.00

CHANGE IN CONTRACT TIMES

[note changes in Milestones if applicable]

Original Contract Times:

Substantial Completion: 210 days

Ready for Final Payment: 240 days

days or dates

[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___:

\$

[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___:

Substantial Completion:

Ready for Final Payment:

days

Contract Price prior to this Change Order:

\$ 339,220.00

Contract Times prior to this Change Order:

Substantial Completion: 210 days

Ready for Final Payment: 240 days

days or dates

[Decrease] of this Change Order:

\$ (98,870.00)

[Increase] [Decrease] of this Change Order:

Substantial Completion: 0

Ready for Final Payment: 0

days or dates

Contract Price incorporating this Change Order:

\$ 240,350.00

Contract Times with all approved Change Orders:

Substantial Completion: 210 days

Ready for Final Payment: 240 days

days or dates

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By:

Engineer (if required)

By:

Owner (Authorized Signature)

By:

Contractor (Authorized Signature)

Title:

08/06/19
Engineer

Title

Title

President
8-7-19

Date:

Date

Date

Approved by Funding Agency (if applicable)

By:

Date:

Title:

WALL ENGINEERING, LLC
PO Box 1457
Durant, OK 74702
Ph: 580-317-4104 Fax: 580-317-4190

July 1, 2019

City of Durant
ATTN: Marty Cook, Public Works Director
300 W. Evergreen
Durant, OK 74701

RE: Mooney Lift Station Improvements
Bid Tabulation and Recommendation

Mr. Cook:

The above referenced project was bid at 2:00pm on June 27, 2019. Sixteen (16) contractors received plans and specifications for this project and five (5) elected to submit a bid. Howard Construction, Inc from Ardmore OK was the apparent low bidder with a base bid of \$339,220 and an Add Alt. bid of \$324,220. A Certified Bid Tabulation is enclosed.

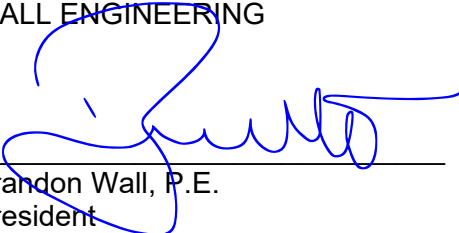
The above reference bid exceeded the budget for this project. After discussions with the contractor about items that can be value engineered and the City assuming a portion of the work, we have been able to negotiate this project down closer to budget. While the exact amount is not yet known, a future Change Order will be presented for Council approval. That being said, the project must first be awarded to the low bidder for the base bid amount contingent on that Change Order being satisfactorily negotiated. It is anticipated the Change Order will reduce the construction amount to very near budget.

As such, we recommend award to Howard Construction, Inc in the amount of \$339,220 contingent upon successful negotiation of a Change Order to reduce the budget amount. A Notice of Award is attached.

Should you have any questions or require additional information, please do not hesitate to call us at (580) 317-4104.

Respectfully,

WALL ENGINEERING



Brandon Wall, P.E.
President

Enclosure(s)

cc: Bidding Contractors
Wall Engineering File

NOTICE OF AWARD

Date of Issuance:

Owner: City of Durant Owner's Contract No.: DU-18-03
Engineer: Wall Engineering, LLC Engineer's Project No.: DU-18-03
Project: Mooney Lift Station Improvements Contract Name: One
Bidder: Howard Construction, Inc.
Bidder's Address: P.O. Box 1685 Ardmore, Ok 73402-1685

TO BIDDER:

You are notified that Owner has accepted your Bid dated June 27th, 2019 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for:

Base Bid

The Contract Price of the awarded Contract is:

Three Hundred Thirty Nine Thousand Two Hundred Twenty Dollars and Zero Cents (\$ 339,220.00)

6 unexecuted counterparts of the Agreement accompany this Notice of Award, and one copy of the Contract Documents accompanies this Notice of Award, or has been transmitted or made available to Bidder electronically.

☒ a set of the Drawings will be delivered separately from the other Contract Documents.

You must comply with the following conditions precedent within 15 days of the date of receipt of this Notice of Award:

1. Deliver to Owner 6 counterparts of the Agreement, fully executed by Bidder.
2. Deliver with the executed Agreement(s) the Contract security and insurance documentation as specified in the Instructions to Bidders and General Conditions, Articles 2 and 6.
3. Other conditions precedent (if any): None

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within ten days after you comply with the above conditions, Owner will return to you one fully executed counterpart of the Agreement, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Owner:

By: _____
Oden Grube

Title: Mayor

Copy: Engineer

City of Durant Mooney Lift Station Improvements Wall Engineering Project: DU-18-03 Bid Opening: June 27, 2019 at 2:00 p.m.													
#	Bid Item	Unit	Qty	Young Contracting, LLC OKC, OK 73114		Meridian Contracting, Inc., Norman, OK 73071		Beytco, Inc., Sapulpa, OK 74067		W. Brown Enterprises, Inc. Durant, OK 74701		Howard Construction Inc. Ardmore, OK 73402	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 40,000.00	\$ 40,000.00	\$ 36,000.00	\$ 36,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00
2	SWPPP and Erosion Control	LS	1	\$ 3,600.00	\$ 3,600.00	\$ 9,000.00	\$ 9,000.00	\$ 2,101.00	\$ 2,101.00	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00
3	Traffic Control and Signing	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 8,500.00	\$ 8,500.00	\$ 3,113.00	\$ 3,113.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00
4	Clearing, Grubbing, and Misc. Incidental Removals of Structures and Obstructions	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,022.00	\$ 2,022.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00
5	Provide testing of all sewer mains	LS	1	\$ 500.00	\$ 500.00	\$ 6,000.00	\$ 6,000.00	\$ 2,311.00	\$ 2,311.00	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00
6	Provide trench safety per OSHA and other applicable standards for all work outlined in the plans and specifications	LS	1	\$ 6,000.00	\$ 6,000.00	\$ 1,500.00	\$ 1,500.00	\$ 2,101.00	\$ 2,101.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00
7	Provide construction survey	LS	1	\$ 3,300.00	\$ 3,300.00	\$ 6,000.00	\$ 6,000.00	\$ 1,876.00	\$ 1,876.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00
8	Topsoil, fertilizer, hydromulch	LS	1	\$ 5,200.00	\$ 5,200.00	\$ 44,000.00	\$ 44,000.00	\$ 2,889.00	\$ 2,889.00	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00
9	Furnish and install 8" DR-18 PVC Force main	LF	265	\$ 52.00	\$ 13,780.00	\$ 60.00	\$ 15,900.00	\$ 42.00	\$ 11,130.00	\$ 50.00	\$ 13,250.00	\$ 45.00	\$ 11,925.00
10	Furnish and Install 12" SDR-26 PVC Sewer main	LF	5	\$ 100.00	\$ 500.00	\$ 500.00	\$ 2,500.00	\$ 375.00	\$ 1,875.00	\$ 500.00	\$ 2,500.00	\$ 10.00	\$ 50.00
11	Connect to existing 8" PVC Sewer Force Main	EA	1	\$ 1,090.00	\$ 1,090.00	\$ 2,500.00	\$ 2,500.00	\$ 927.00	\$ 927.00	\$ 1,500.00	\$ 1,500.00	\$ 300.00	\$ 300.00
12	Connect to existing 12" PVC Gravity Sewer Main	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 600.00	\$ 1,588.00	\$ 1,588.00	\$ 1,000.00	\$ 1,000.00	\$ 400.00	\$ 400.00
13	Cut, Plug, and Drain existing 8" PVC Gravity Force Main	EA	1	\$ 118.00	\$ 118.00	\$ 1,300.00	\$ 1,300.00	\$ 1,943.00	\$ 1,943.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00
14	Cut and Plug existing 12" PVC Gravity Sewer Main	EA	1	\$ 812.00	\$ 812.00	\$ 1,300.00	\$ 1,300.00	\$ 2,194.00	\$ 2,194.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00
15	Saw Cut, Remove and Replace Asphalt Pavement w/concrete	LF	19	\$ 400.00	\$ 7,600.00	\$ 150.00	\$ 2,850.00	\$ 180.00	\$ 3,420.00	\$ 200.00	\$ 3,800.00	\$ 55.00	\$ 1,045.00
16	Lift Station	LS	1	\$ 302,000.00	\$ 302,000.00	\$ 314,319.00	\$ 314,319.00	\$ 225,459.00	\$ 225,459.00	\$ 240,000.00	\$ 240,000.00	\$ 220,000.00	\$ 220,000.00
17	Demolition of existing lift station	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,966.00	\$ 2,966.00	\$ 5,000.00	\$ 5,000.00	\$ 1,500.00	\$ 1,500.00
18	Interior and exterior coating and painting of lift station, vaults, and manholes.	LS	1	\$ 1.00	\$ 1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,760.00	\$ 4,760.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
19	Furnish and install generator w/ ATS	LS	1	\$ 41,000.00	\$ 41,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,411.00	\$ 39,411.00	\$ 55,000.00	\$ 55,000.00	\$ 30,000.00	\$ 30,000.00
Total Base Bid				\$ 397,501.00		\$ 507,769.00		\$ 348,086.00		\$ 416,550.00		\$ 339,220.00	
	Deductive Alt #1	LS	1	\$ (15,000.00)	\$ (15,000.00)	\$ (14,278.00)	\$ (14,278.00)	\$ (14,278.00)	\$ (14,278.00)	\$ (11,000.00)	\$ (11,000.00)	\$ (15,000.00)	\$ (15,000.00)
Total Base Bid + Add Alt. #1				\$ 382,501.00		\$ 493,491.00		\$ 333,808.00		\$ 405,550.00		\$ 324,220.00	

Certified as True and Correct

Denotes Math Error Corrected by Wall Engineering

REGISTERED PROFESSIONAL ENGINEER

BRANDON WALL

21108

OKLAHOMA

07/01/19

Brandon Wall, P.E.
Wall Engineering, LLC