

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.

DURANT CITY UTILITIES AUTHORITY AGENDA / DCUA

4:00 PM

AGENDA

November 10, 2015

**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 Minutes of the Durant City Utilities Authority Regular Meeting of October 13, 2015
- b. Consider Approval of Claims

2. Consider Items Removed from Consent

3. Information Items

- a. Solid Waste & Landfill October 2015 Monthly Report
- b. October 2015 Water Treatment Plant Monthly Reports
- c. Wastewater Treatment Plant Lab Report - October, 2015
- d. Wastewater Treatment Plant Monthly Report - October, 2015
- e. Monthly Utility Billing, Cash Collection, And Consumption Summary October, 2015

4. Administration

- a. Consider Approval of Resolution 2015-38 to Adjust the Utility Rate Structure Adopted by Resolution 2015-24 and Suspend Scheduled Utility Rate Increases for the Fiscal Years 2016-17 and 2017-18

ADJOURNMENT

-
CERTIFICATE

Barbara Lilley, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 11/6/2015
To: Mayor and City Council
From: Barbara Lilley, Executive Assistant
Re: Consider Approval of Minutes of the Durant City Utilities Authority Regular Meeting of October 13, 2015-

The minutes from the October 13, 2015 Regular Durant City Utilities Authority Agenda are attached for review and approval.

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Minutes of October 13, 2015	Exhibit	11/6/2015

Agenda posted on Durant City Hall Entry Door at 2:00 p.m. on the 9th day of October, 2015.

**MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT
CITY UTILITIES AUTHORITY OF OCTOBER 13, 2015 AT 4:00 P.M., ROSCOE
J. HATFIELD COUNCIL CHAMBERS, DURANT CITY HALL**

CALL TO ORDER

Meeting was called to order at 8:14 p.m. by Chairman Stewart Hoffman.

ROLL CALL

Present: Trustee Chad Hitchcock	City Attorney Pat Phelps
Trustee Billy L. Orr	Secretary Cynthia Price
Trustee Jerry L. Tomlinson	<i>(*denotes partial attendance)</i>
Vice-Chairman Destry Hawthorne	
Chairman Stewart Hoffman	

Absent: None

Chairman Hoffman stated that they did have a quorum.

ORDER OF BUSINESS

1. Consent Items

- a. Consider Approval of Minutes
 - i. Durant City Utilities Authority Regular Meeting of September 8, 2015
 - ii. Durant City Utilities Authority Special Meeting of September 24, 2015
- b. Consider Approval of Claims

Motion made by Trustee Tomlinson and seconded by Vice-Chairman Hawthorne to approve the Consent Items as presented. Motion carried with the following vote:

Aye: Hitchcock, Orr, Tomlinson, Hawthorne, Hoffman
Nay: None Abstain: None

2. Consideration Items Removed from Consent

3. Information Items

- a. Department Reports for September, 2015
- b. Utility Billing Summary for September, 2015

Information only.

4. Administration

5. New Business

Any matter not known or which could not have been reasonably foreseen prior to the time of posting the Agenda in accordance with Sec. 311.9, Title 25, Oklahoma State Statutes.

ADJOURNMENT

Motion made by Trustee Tomlinson and seconded by Trustee Hitchcock to adjourn. Motion carried with the following vote:

Aye: Hitchcock, Orr, Tomlinson, Hawthorne, Hoffman

Nay: None Abstain: None

PAYROLL CLAIMS SUMMARY
AS OF: OCTOBER 31ST, 2015

405-DURANT UTILITIES AUTH.

	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE

SALARIES AND BENEFITS						
PUBLIC WORKS ADMINISTRATI	98,409.00	7,219.24	32,088.49	32.61	0.00	66,320.51
UTILITY BILLING	159,974.00	14,812.14	64,905.26	40.57	0.00	95,068.74
WATER/SEWER LINE MAINT.	517,235.00	35,773.88	170,830.72	33.03	0.00	346,404.28
WATER TREATMENT PLANT	371,770.00	27,454.84	121,477.95	32.68	0.00	250,292.05
WASTEWATER TREATMENT	331,065.00	24,432.47	108,228.74	32.69	0.00	222,836.26
COLLECTION - SOLID WASTE	725,940.00	37,288.18	233,614.76	32.18	0.00	492,325.24
UTILITY GENERAL ADMIN.	351,787.00	0.00	0.00	0.00	0.00	351,787.00
DISPOSAL - SOLID WASTE	<u>267,247.00</u>	<u>20,885.06</u>	<u>91,575.33</u>	<u>34.27</u>	<u>0.00</u>	<u>175,671.67</u>
TOTAL SALARIES AND BENEFITS	2,823,427.00	167,865.81	822,721.25	29.14	0.00	2,000,705.75
	=====	=====	=====	=====	=====	=====



The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 11/3/2015
To: Mayor and City Council
From: Zefe Laborico
Re: Solid Waste & Landfill October 2015 Monthly Report-

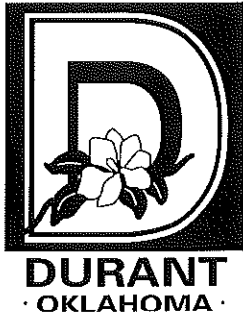
October Monthly Report

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
October Monthly Report	Cover Memo	11/3/2015



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS SCHEDULE ***october***

A. Work Completed:

1. Picked up & emptied 238 rolloffs
2. Picked up & emptied 57 compactors
3. Delivered to new customers 10
4. Delivered and picked up 12 Sharp containers
5. Picked up 53.16 tons of extra hauling
6. Hauled 127 loads of extra hauling to the landfill

B. Work Planned For October

1. replace lids on 2 yd. Dumpsters
2. repair or replace old polycarts

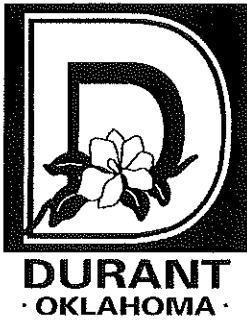
C. Work Planned For Jan. '15 – Dec. '15:

Approx. Start – Finish Date:

- | | |
|------------------|----------------------|
| 1. Pick up trash | 10/1/15 – 10/31/2015 |
|------------------|----------------------|

D. Projects Planned And Requested For Authorization:

1. None.



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE *October 2015*

A. Work Completed for October:

1. Excavation on Cell 10C completed

B. Work Planned For November:

1. Covering C&D site
2. Cell 10C approved for landfill use

C. Work Planned For Jan. '15 – Dec. '15:

Approx. Start – Finish Date:

- | | |
|--------------------------|---------------------|
| 1. Haul trash to Ardmore | 1-2015 thru 12-2015 |
|--------------------------|---------------------|

D. Projects Planned And Requested For Authorization:

1. None.

	A	B	C	D	E	G
1	Compactors Picked Up & Delivered					
2						
3	<u>Location</u>	<u># Picked Up</u>	<u># Delivered</u>	<u>Delivery Date</u>	<u>Emptied</u>	<u>Account #</u>
4						
5	Big Lots (Distribution Center)	C16	C16		October 30, 2015	30-2003-00
6	Choctaw Casino	C23	C23		October 26, 2015	40-7777-00
7	Choctaw Casino	C24	C24		October 30, 2015	40-7777-00
8	Choctaw Casino	C3	C3		October 26, 2015	40-7777-00
9	Choctaw Grand Tower/Event Center	C25	C25	August 6/2015	October 30, 2015	40-0777-00
10	Choctaw Grand Tower/Event Center	C26	C26	August 6/2015	October 9, 2015	40-0777-00
11	Choctaw Grand tower/Event Center		C27	September 3, 2015		40-0777-00
12	Choctaw Travel Plaza-Eastside	C12	C12		October 19, 2015	30-0758-00
13	DMC	C8	C8		July 29, 2015	29-0076-02
14	Durant High School	C2	C2		October 8, 2015	18-1950-01
15	Eagle Suspension	C10	C10	July 7, 2006	October 6, 2015	30-0591-02
16	ETS Test Systems (1016 Waldron Dr.)	C6	C6		October 30, 2015	30-0825-00
17	Gamco	C5	C5		October 19, 2015	30-0828-00
18	Icon	C20	C20		October 22, 2015	30-2917-01
19	Indian Nation Wholesale	C13	C13		October 14, 2015	50-0230-00
20	Lowe's	C11	C11	November 11, 2005	October 29, 2015	40-0720-00
21	McDonald's	C15	C15		October 8, 2015	30-0172-01
22	Alliance Health Durant	C7	C7		October 29, 2015	29-0074-00
23	Rhynes & Rhodes	C21	C21		October 6, 2015	60-3710-00
24	Saita's Restaurant	C17	C17	March 14, 2008	July 18, 2015	21-0317-00
25	SOSU (New student Union)	C14	C14	September 1, 2006	October 9, 2015	40-0240-00
26	Sports City Cafe	C22	C22		October 6, 2015	30-5067-01
27	Wal-Mart	C18	C18		October 26, 2015	40-3712-01

Rolloffs Picked Up & Delivered

<u>Location</u>	<u># Picked Up</u>	<u># Delivered</u>	<u>Delivery Date</u>	<u>Emptied</u>	<u>Account #</u>	<u>Charges</u>
Aaron's Rent to Own (405 Westside Dr.)	49	49	May 14, 2013	October 23, 2015	30-0018-02	
AGC Group Inc (Gary Lederman)214-457-8540		420	October 19, 2015		50-2112-00	
Alliance Health cardboard	128	123		October 16, 2015		
Allied Stone (21st & Arkansas)	20	33	May 16, 2005	October 28, 2015	30-0130-01	
Allied Stone (21st & Arkansas)	46	46	January 14, 2013	October 28, 2015	30-0130-01	
Best Fender (301 S 22nd)	9	9	November 2, 2007	October 21, 2015	30-0404-03	
Big Five (217 N. 16th)	2	2		October 16, 2015	12-0650-06	
Big Lots (Distribution Center)	400	406	July 30, 2014	October 7, 2015	30-2003-00	
bryan co fair	27	final		October 1, 2015	30-0680-00	
Bruce Pac	408	417		October 2, 2015	50-0155-01	
Carl's Jr.	109	110		October 27, 2015	21-0310-00	
Choctaw (Sweeper)	68	68	October 2, 2014	July 24, 2015	50-0757-00	
Choctaw (Bull Barn)	75	34	January 20, 2012	October 16, 2015	30-3000-00	
Choctaw Bus Repair (Armstrong)	6	30	December 15, 2009	September 15, 2015	18-0214-02	
Choctaw Casino (Filter)	422	422	August 5, 2014	October 26, 2015	40-7777-00	
Choctaw Childhood Development Center	122	122		October 26, 2015	30-2752-00	
Choctaw Event Center	149	69	May 28, 2014	October 30, 2015	30-2312-00	
Choctaw Inn	89	89		October 30, 2015	50-0725-00	
Choctaw Nation Headquarters	23	23		October 23, 2015	24-0195-00	
Choctaw Recycling 3108 Enterprise	15	15	June 29, 2011	October 27, 2015		
Choctaw Storage on Enterprise/REI	16	88	December 30, 2010	October 20, 2015	30-2912-02	
Choctaw Travel Plaza-Westside	77	77		October 30, 2015	30-0761-00	
Choctaw Travel Plaza-Westside#2		25	October 1, 2015		30-0761-00	
Communicom	112	112		October 23, 2015	07-0671-00	
David Davis (7506 Perfect Dr.) ph # 760-2672		146	October 7, 2015		50-7506-00	
Dish Network	16	127	January 11, 2013	October 30, 2015	40-0233-00	
D & J Construction Greg McReynolds	403	final	September 2, 2015	October 6, 2015	50-0855-00	
DMSC (City Sports Complex)	46	20	May 6, 2008	June 24, 2014		
Durant Daily Democrat (924-4388)	136	136	October 1, 2015	October 21, 2015	13-0230-01	
Dollar Tree	102	102	February 7, 2008	October 30, 2015	30-0107-00	
Durant Motor Sports (201 Shady Creek)	140	111		October 28, 2015	50-0201-00	

Durant Lumber (205 S. 2nd)		120	September 1, 2015	08-0130-03
Eagle suspension	419	419		30-0591-02
ETS Test Systems (1016 Waldron Dr.)	6		May 26, 2015	30-0825-00
Fannin Hardy Farms (428 Clark Ave.)	25	44	March 5, 2010	October 13, 2015 12-0200-02
Featherstone (1919 University)		43	October 20, 2015	October 29, 2015 29-0126-02
Featherstone	141	final	October 20, 2015	October 26, 2015 29-0126-02
Featherstone (1919 University) ph.9243777	401		October 13, 2015	29-0126-02
First United	147	147		October 27, 2015 21-0296-00
Four Seasons	151	151	July 27, 2005	October 29, 2015 29-0805-00
Gamco	43	2	August 7, 2013	October 28, 2015 21-0375-03
Green Country Interiors Inc.	426	410	October 23, 2015	October 30, 2015 50-4418-03
Green Country Interiors Inc.	416	416	October 19, 2015	October 27, 2015 50-4418-00
hands of hope	45	45		October 20, 2015
Herron's Carpet	8	106	September 2, 2012	October 23, 2015 29-0044-00
Icon	17	139	January 7, 2014	October 29, 2015 30-2917-01
John Silis Eye Clinic 322 North 3rd		34	September 23/2015	14-0050-00
Jalapeno's	91	91	September 24, 2008	October 28, 2015 12-0615-05
Kiamichi (Fire Training Center)	44	59	April 11, 2012	September 29, 2015
Kingdom Hall 1115, Gates Ave.	415	final	September 24, 2015	September 28, 2015 50-0016-00
Legacy Floors (608 S. 9th)	108	108	August 11, 2005	August 13, 2015 06-0263-00
Lewis Insulation	72	62	February 27, 2008	October 13, 2015 60-0006-00
Locke Supply	66	66	December 23, 2003	October 21, 2015 19-0815-01
Manhattan const. (Laydown yard 1)	307	307		October 8, 2015 30-3313-00
Manhattan Const. (Laydown yard 1)	308	307	July 11, 2014	October 23, 2015 30-3313-00
Manhattan Const. (Office)	18	18		October 23, 2015 30-3313-00
Manhattan Const. (Southern Expan.)	301	final	July 30, 2015	October 15, 2015 30-3313-00
Cantera	W1	final	June 3, 2015	September 28, 2015 30-3313-00
MayFab	425	425	April 28, 2011	October 27, 2015 30-0774-00
National Guard Armory	415	411	July 28, 2015	September 24, 2015 30-0785-00
Northlake Mobile Home (1900 HWY 48)	65	83	October 16, 2013	October 29, 2015 40-1900-00
Oakridge	150	150	November 25, 2009	October 29, 2015 19-0440-00
OG&E (2520 N. 1st)	413	408	January 24, 2006	October 6, 2015 17-0901-00
Orschein's (Old Wal-Mart)	45	45	November 2, 2006	October 21, 2015 30-0362-01
Overland Materials (868 Country Club)	406	425		June 25, 2015 50-0868-01
Pettit Machinery	418	421	March 13, 2008	September 10, 2015 17-0820-01
Pizza Hut	110	109		October 27, 2015 20-0119-00
Red River Ford	78	50		October 21, 2015 30-0353-01

Reeves Const. (3008 University)	111	61	October 7, 2015	October 27, 2015	29-0233-00
Reynolds Building (Terry Reynolds)	46	27	January 16, 2015	October 15, 2015	19-0816-00
S & L Body Shop	111	68	November 19, 2003	August 24, 2015	18-0904-00
Sonic	115	115		October 26, 2015	13-0595-00
SOSU (Towers)	69	57		October 30, 2015	40-0240-00
SOSU (Physical Plant 2906 N. 1st)	18	72		October 13, 2015	40-0240-00
SOSU - Northhall	57	133	May 2, 2014	October 30, 2015	40-0240-00
Sosu -bloomer sullivan	82	5	September 11, 2015	October 23, 2015	40-0240-00
SOSU Equest. Center (4321 S 9th)	96	98	August 19, 2013	April 22, 2015	30-0756-00
Taco Casa	129	129		October 28, 2015	12-0355-00
Taco Mayo	128	128	April 7, 2014	October 30, 2015	30-1420-00
Texoma Truss (Waldron Dr.)	61	141	August 26, 2014	October 27, 2015	50-0092-01
Texas By Products (2525 s 9th)	63		October 23, 2015	October 30, 2015	30-0733-00
Texoma Utility (3527 N Washington)	410	404	February 13, 2014	October 21, 2015	60-3527-00
The Tile Shop (1800 W Arkansas)	58	58	April 10, 2013	October 28, 2015	07-0875-05
The Tile Shop (1800 W Arkansas)	10	17		October 29, 2015	07-0875-05
The Village Apartments (2200 four seasons)	75	final	September 2, 2015	October 6, 2015	32-0904-00
Thermal Pipe	33	140	June 4, 2015	October 28, 2015	18-1010-00
Todd Allison (43 W Mulberry)		403	October 21, 2015		50-0595-00
Victory Life	62	137	June 4, 2010	October 13, 2015	33-0012-00
Victory Life	4	3		October 12, 2015	50-1900-00
Villegas (510 S 9th) Veronica Santibazez	37	37	October 19, 2011	October 13, 2015	06-0217-02
Waffle Shoppe	134	134	April 24, 2009	October 27, 2015	30-0185-00
Wendy's (2420 W. Main)	132	132	August 24, 2011	October 27, 2015	40-2420-00
Whataburger	126	126	April 29, 2014	October 27, 2015	30-3505-03
3316 N. Washington (SOSU)		425	January 21, 2015		40-0240-00
1915 E Highway 70 (Brucepac)	408	421	May 8, 2015	July 31, 2015	50-0155-01
1006 W Elm (Carolyn Boatner)		144	June 8, 2015		50-0545-00
2121 W Main (Magnolia Inn)	407	407	June 9, 2015	October 6, 2015	30-0100-02
3040 Quail Ridge Circle (Tim Hampton)		10	July 23, 2015		50-0887-01
1001 Hillcrest Ave (Aubry Griffith)		55	August 4, 2015		50-1570-00
2760 Big Lots (Robins & Morton)	W4	W2	August 4, 2015	October 19, 2015	50-2760-00
2760 Big Lots (Robins & Morton)	416	415	August 4, 2015	October 27, 2015	50-2760-00
1804 W Evergreen (Daniel Sherwood)	113	113	August 7, 2015	October 21, 2015	50-1804-00
3514 Lionel In(David Davis) Extreme landing	4	68	August 12, 2015	September 29, 2015	50-4414-00
1218 Folsom rd. (Jeff Savoy) 580-729-0821	12	12	September 23/2015	October 19, 2015	17-0713-12
323 N 3rd John Silis Eye Clinic	34	final	September 23, 2015	October 16, 2015	14-0050-00

2718 Chuckwa dr. (Isabel Cano)			300	October 23, 2015		29-0340-02	
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Date 11/02/15
Time 04:15:48

Durant Utility Authority, OK

Page 1

Material Analysis Report by Material

Inbound and outbound materials for the period 10/01/2015 - 10/31/2015

Summary Report for Sites: 1, 3
Accounts 0 - 999999 Customer Types - Z Materials - ZZZZZZZZZZ Material Types - Z

Date	Material	Type	Customer	Type	Tickets	Count	Est.	vol.	Act.	Vol.	Est.	Wt.	Actual	Wt.	Charge
		Total			1	0	0	0	0	0	4.11	4.11	0.00		
		Average				0	0	0	0	0	4.11	4.11	0.00		
	6	Total			1	0	0	0	0	0	3.31	3.31	49.65		
		Average				0	0	0	0	0	3.31	3.31	49.65		
	100	Total			91	91	0	0	0	0	0.00	0.00	16,489.20		
		Average				1	0	0	0	0	0.00	0.00	181.20		
	103	Total			30	30	515	0	0	0	0.00	0.00	17,116.50		
		Average				1	17	0	0	0	0.00	0.00	570.55		
	104	Total			2	2	0	0	0	0	0.00	0.00	760.80		
		Average				1	0	0	0	0	0.00	0.00	380.40		
	200	Total			21	21	0	0	0	0	0.00	0.00	7,606.20		
		Average				1	0	0	0	0	0.00	0.00	362.20		
	202	Total			2	2	0	0	0	0	0.00	0.00	0.00		
		Average				1	0	0	0	0	0.00	0.00	0.00		
	220	Total			3	3	0	0	0	0	0.00	0.00	801.00		
		Average				1	0	0	0	0	0.00	0.00	267.00		
	230	Total			8	8	0	0	0	0	0.00	0.00	3,200.00		
		Average				1	0	0	0	0	0.00	0.00	400.00		
	300	Total			7	7	0	0	0	0	0.00	0.00	5,325.25		
		Average				1	0	0	0	0	0.00	0.00	760.75		
	302	Total			6	6	0	0	0	0	0.00	0.00	4,564.50		
		Average				1	0	0	0	0	0.00	0.00	760.75		
	375	Total			21	21	0	0	0	0	0.00	0.00	13,615.35		
		Average				1	0	0	0	0	0.00	0.00	648.35		
	6	Total			1	0	0	0	0	0	3.44	3.44	51.60		
		Average				0	0	0	0	0	3.44	3.44	51.60		
	APPL FREON	Total			2	2	0	0	0	0	0.00	0.00	62.90		
		Average				1	0	0	0	0	0.00	0.00	31.45		

Date 11/02/15
Time 04:15:48

Durant Utility Authority, OK

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Material Analysis Report by Material

Inbound and outbound materials for the period 10/01/2015 - 10/31/2015

Accounts 0 - 999999 Customer Types - Z Materials Summary Report for Sites: 1, 3 - ZZZZZZZZZZ Material Types - Z

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
	DMSW			Total Average	260	236 1	976580 3756	0 0	488.29 1.88	488.29 1.88	30,037.96 115.53
	DMSW-FLAT			Total Average	3	3 1	1200 400	0 0	0.00 0.00	0.00 0.00	1,296.00 432.00
	DMSW-M			Total Average	363	0 0	2614280 7202	0 0	1307.14 3.60	1307.14 3.60	0.00 0.00
	TCD			Total Average	580	10 0	0 0	0 0	627.38 1.08	627.38 1.08	25,351.76 43.71
	TCD-M			Total Average	247	0 0	0 0	0 0	499.33 2.02	499.33 2.02	0.00 0.00
				Report Total Report Average	1649	442 0	3592575 2179	0 0	2933.00 1.78	2933.00 1.78	126,328.67 76.61

Date 11/02/15
Time 04:15:16

Durant Utility Authority, OK

Page 1

Material Analysis Report by Date

Inbound and outbound materials for the period 10/01/2015 - 10/31/2015

Summary Report for Sites: 1, 3

Accounts 0 - 999999 Customer Types - Z Materials - ZZZZZZZZZZ Material Types C - D

Date	Material	Type	Customer	Type	Tickets	Count	Est.	vol.	Act.	Vol.	Est. Wt.	Actual Wt.	Charge
10/01/15				Total	21	1	0	0	0	0	11.38	11.38	974.50
				Average		0	0	0	0	0	0.54	0.54	46.40
10/02/15				Total	31	1	0	0	0	0	30.78	30.78	1,628.86
				Average		0	0	0	0	0	0.99	0.99	52.54
10/03/15				Total	38	0	0	0	0	0	60.99	60.99	2,428.20
				Average		0	0	0	0	0	1.61	1.61	63.90
10/05/15				Total	48	1	0	0	0	0	48.31	48.31	2,050.43
				Average		0	0	0	0	0	1.01	1.01	42.72
10/06/15				Total	31	2	0	0	0	0	36.94	36.94	1,943.22
				Average		0	0	0	0	0	1.19	1.19	62.68
10/07/15				Total	45	3	0	0	0	0	36.45	36.45	1,984.00
				Average		0	0	0	0	0	0.81	0.81	44.09
10/08/15				Total	40	2	0	0	0	0	52.09	52.09	1,762.54
				Average		0	0	0	0	0	1.30	1.30	44.06
10/09/15				Total	45	0	0	0	0	0	44.99	44.99	1,324.75
				Average		0	0	0	0	0	1.00	1.00	29.44
10/10/15				Total	20	0	0	0	0	0	10.27	10.27	494.24
				Average		0	0	0	0	0	0.51	0.51	24.71
10/12/15				Total	28	1	0	0	0	0	55.90	55.90	2,098.68
				Average		0	0	0	0	0	2.00	2.00	74.95
10/13/15				Total	28	0	0	0	0	0	22.39	22.39	623.19
				Average		0	0	0	0	0	0.80	0.80	22.26
10/14/15				Total	37	2	0	0	0	0	35.73	35.73	1,608.02
				Average		0	0	0	0	0	0.97	0.97	43.46
10/15/15				Total	32	0	0	0	0	0	30.30	30.30	821.49
				Average		0	0	0	0	0	0.95	0.95	25.67
10/16/15				Total	40	2	0	0	0	0	33.21	33.21	1,835.99
				Average		0	0	0	0	0	0.83	0.83	45.90

Date 11/02/15
Time 04:15:16

Durant Utility Authority, OK

Page 2

Material Analysis Report by Date

Inbound and outbound materials for the period 10/01/2015 - 10/31/2015

Summary Report for Sites: 1, 3
Accounts 0 - 999999 Customer Types - 2 Materials - ZZZZZZZZZZ Material Types C - D

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
10/17/15		Total			12	0	0	0	24.66	24.66	982.50
		Average				0	0	0	2.06	2.06	81.88
10/19/15		Total			56	2	0	0	92.08	92.08	1,159.45
		Average				0	0	0	1.64	1.64	20.70
10/20/15		Total			48	1	0	0	81.15	81.15	1,850.16
		Average				0	0	0	1.69	1.69	38.55
10/21/15		Total			41	2	0	0	52.34	52.34	1,826.69
		Average				0	0	0	1.28	1.28	44.55
10/22/15		Total			49	1	0	0	57.09	57.09	2,147.12
		Average				0	0	0	1.17	1.17	43.82
10/23/15		Total			12	2	0	0	18.03	18.03	1,350.14
		Average				0	0	0	1.50	1.50	112.51
10/26/15		Total			13	1	0	0	9.51	9.51	788.45
		Average				0	0	0	0.73	0.73	60.65
10/27/15		Total			22	4	0	0	52.07	52.07	2,766.39
		Average				0	0	0	2.37	2.37	125.75
10/28/15		Total			57	1	0	0	117.47	117.47	1,531.67
		Average				0	0	0	2.06	2.06	26.87
10/29/15		Total			45	1	0	0	96.05	96.05	1,771.06
		Average				0	0	0	2.13	2.13	39.36
10/30/15		Total			7	1	0	0	16.21	16.21	1,185.97
		Average				0	0	0	2.32	2.32	169.42
10/31/15		Total			2	0	0	0	0.32	0.32	29.40
		Average				0	0	0	0.16	0.16	14.70
		Report Total			848	31	0	0	1126.71	1126.71	38,967.11
		Report Average				0	0	0	1.33	1.33	45.95



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: OCTOBER 2015

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 5-30 ONLY IF SCALE 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	11.38									
2	30.78									
3	60.99									
4	0									
5	48.31									
6	36.94									
7	36.45									
8	52.09									
9	44.99									
10	10.27									
11	0									
12	55.9									
13	22.39									
14	35.73									
15	30.3									
16	33.21									
17	24.66									
18	0									
19	92.08									
20	81.15									
21	52.34									
22	57.09									
23	18.03									
24	0									
25	0									
26	9.51									
27	52.07									
28	117.47									
29	96.05									
30	16.21									
31	0.32									
Total	1126.71	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: [Signature]
e-mail address: zlaporico@durant.org

Phone #: 580-924-8358

Date: 11-3-15

INSTRUCTIONS FOR COMPLETING THE MONTHLY REPORT FOR SOLID WASTE DISPOSAL FACILITIES

[illegible]

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT
WATER TREATMENT PLANTS

Durant City Utilities Authority

System

PO Box 578

Address

Durant

City

74702

ZIP

Plant: Durant Water Treatment Plant

PWSID: 1010601

Month: October 2015

Population: 19,491

☒ Rapid Rate Filter

☐ Slow Sand Filter

No. OF SAMPLES

% OF TOTAL SAMPLES

TURBIDITY GREATER THAN 0.5 NTU:

0

0%

◀

TURBIDITY GREATER THAN 0.3 NTU:

0

0%

◀

TURBIDITY GREATER THAN 0.1 NTU:

8

4%

TOTAL NO. OF TURBIDITY ANALYSES:

186

HIGHEST TURBIDITY READING

0.15

◀

NUMBER OF SAMPLES > 1 NTU

0

◀

NUMBER OF SAMPLES > 5 NTU

0

◀

95TH PERCENTILE OF FINISHED WATER TURBIDITY

0.10

◀ NOT REQUIRED

95TH PERCENTILE OF SETTLED WATER TURBIDITY

3.10

◀ NOT REQUIRED

CHLORINE RESIDUAL < 1.0 mg/l LEAVING PLANT (# Samples)

INDIVIDUAL FILTER TURBIDITY CHECKLIST

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES?

☒ Yes ☐ No

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS?

☒ No, Go to Question 3.

☐ Yes, What date was the filter profile completed?

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST MONTH?

☐ No, Go to Question 3.

☐ Yes, Schedule Comprehensive Performance Evaluation (CPE) with DEQ.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS?

☒ No, Go to Question 4.

☐ Yes, What date was the filter profile completed?

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST 2 MONTHS?

☐ No, Go to Question 4.

☐ Yes, What date was the filter self-assessment completed?

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15-MIN PERIODS AT THE END OF 4 HRS OF OPERATION?

☒ No, You are finished with the checklist.

☐ Yes, What date was the filter profile completed?

TURBIDITY										RESIDUAL DISINFECTANT								COMMENTS
DAY	RAW	SET	SET	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	ENTRY POINT TO DISTRIBUTION						DISTRIBUTION		
										12am	4am	8am	12pm	4pm	8pm	SYSTEM		
1	11.05	1.7	3.6	0.04	0.04	0.04	0.04	0.04	0.04	2.51	2.78	2.90	2.99	3.00	2.97	2.51	2.84	
2	11.38	1.3	3.6	0.08	0.09	0.04	0.10	0.06	0.04	3.08	3.34	3.40	2.76	2.49	2.47	2.52	2.36	
3	11.79	1.4	2.9	0.04	0.04	0.05	0.05	0.05	0.05	2.47	2.61	2.63	2.63	2.69	2.66	2.00	2.47	
4	10.57	0.9	3.7	0.05	0.05	0.05	0.05	0.05	0.05	2.66	2.67	2.71	2.76	2.76	2.76	1.87	2.60	
5	10.59	1.2	3	0.10	0.07	0.07	0.06	0.07	0.08	2.77	2.81	2.88	2.80	2.83	2.82	2.15	2.74	
6	10.35	1.2	3	0.10	0.05	0.05	0.05	0.05	0.05	2.82	2.92	2.86	2.84	2.83	2.81	2.04	2.76	
7	10.63	1.2	2.7	0.05	0.05	0.06	0.06	0.05	0.04	2.81	2.81	2.81	2.94	2.86	2.49	2.14	2.71	
8	10.82	1.1	3	0.04	0.04	0.04	0.04	0.04	0.04	2.58	2.72	2.74	2.84	2.83	2.80	2.14	2.68	
9	12.07	2.9	2.6	0.04	0.05	0.05	0.05	0.05	0.05	2.82	2.83	2.84	2.98	2.96	2.95	2.20	2.72	
10	11.77	1.2	2.8	0.05	0.13	0.05	0.05	0.05	0.05	2.95	2.96	2.95	2.92	2.75	2.88	2.85	2.88	
11	11.44	1	3.1	0.05	0.05	0.05	0.05	0.05	0.05	2.91	3.04	2.98	2.96	2.95	2.93	2.28	2.92	
12	10.97	1.3	2.7	0.05	0.04	0.04	0.04	0.04	0.04	2.93	2.90	2.82	2.50	2.48	2.48	1.87	2.61	
13	10.88	1.2	2.7	0.04	0.04	0.05	0.04	0.04	0.05	2.47	2.50	2.50	2.46	2.39	2.36	2.07	2.44	
14	10.94	1.1	2.6	0.06	0.05	0.05	0.05	0.05	0.05	2.35	2.48	2.39	2.36	2.32	2.37	2.00	1.89	
15	10.30	1	2.4	0.05	0.05	0.05	0.05	0.05	0.05	2.46	2.83	2.79	2.94	2.86	3.11	2.15	2.43	
16	9.89	1.3	3	0.05	0.10	0.04	0.04	0.04	0.06	3.16	3.22	3.42	3.01	2.76	3.01	1.83	3.04	
17	9.34	1.2	2.5	0.10	0.10	0.04	0.05	0.10	0.11	3.04	3.05	3.11	3.06	2.64	2.58	2.76	1.99	
18	7.05	1	2.3	0.11	0.04	0.04	0.04	0.04	0.04	2.68	3.05	3.04	3.01	2.98	2.54	2.18	2.87	
19	6.33	0.8	2.1	0.04	0.04	0.04	0.04	0.04	0.04	2.51	2.60	2.61	2.65	2.42	2.53	2.23	2.33	
20	7.53	1.4	2.8	0.04	0.04	0.04	0.04	0.04	0.06	2.65	2.68	2.69	2.68	2.56	2.49	2.30	1.92	
21	7.00	0.9	2.7	0.09	0.04	0.04	0.04	0.04	0.04	2.65	2.88	2.80	2.74	2.65	2.58	1.94	2.03	
22	7.74	1.1	2.9	0.06	0.04	0.04	0.04	0.04	0.04	2.55	2.72	2.72	2.71	2.59	2.49	2.20	1.94	
23	79.00	1.8	3.1	0.04	0.06	0.06	0.06	0.07	0.07	2.47	2.76	2.89	2.64	2.38	2.07	1.87	2.17	
24	4.57	1.3	2.5	0.07	0.07	0.07	0.07	0.07	0.07	2.08	2.07	2.13	2.09	2.11	2.15	2.02	1.87	
25	5.07	1	2.2	0.07	0.07	0.06	0.06	0.07	0.07	2.14	2.10	2.09	2.07	2.07	1.92	1.63	1.76	
26	8.19	1.2	1.9	0.11	0.12	0.08	0.08	0.08	0.07	1.89	1.82	1.92	1.93	1.96	1.72	1.32	1.59	
27	6.64	1.3	1.8	0.11	0.08	0.15	0.07	0.07	0.07	1.76	1.88	1.91	2.00	1.97	1.83	1.22	1.47	
28	6.04	1.2	2.1	0.07	0.06	0.14	0.07	0.07	0.07	1.85	2.01	2.09	2.17	2.03	1.87	0.88	1.31	
29	6.00	1.1	2.1	0.07	0.07	0.06	0.07	0.04	0.04	1.93	2.02	2.05	2.15	2.08	1.92	0.88	1.19	
30	5.53	1.2	2.3	0.04	0.04	0.04	0.04	0.04	0.04	1.99	2.05	2.14	2.17	2.16	2.13	1.62	1.09	
31	6.38	1.2	1.6	0.04	0.06	0.08	0.04	0.04	0.03	2.11	2.10	2.13	2.26	2.19	2.08	1.79	1.08	

* IF ANY OF QUESTIONS 2 THROUGH 4 ARE CHECKED "YES", YOU MUST
COMPLETE THE TURBIDITY TRIGGER EVALUATION FORM AND ATTACH TO THIS MOR.

Mail original before the 10th of the following month
to the Department of Environmental Quality, Water Quality Division
P. O. Box 1677, Oklahoma City, OK 73101-1677

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT
WATER TREATMENT PLANTS

Plant: Durant Water Treatement P
PWSID: 1010601
Month: October 2015
Population: 19,491

Durant City Utilities Authority

PO Box 578

Durant OK

74702

System

Address

City

ZIP

DAY	WATER TREATED	FILTER OPERATION									WASH WATER IN 1000 GALS.	CHEMICALS USED-LBS.								ALKALINITY								pH			CaCO3	HARDNESS				Chlorite		
		FILTERS USED-HOURS										ALUM	LIME	POLYMER Name:		CARBON	OTHER Name:	OTHER Name:	CHLORINE		"P"		TOTAL AM		CLO2 Residual		TOTAL PM		STABILITY			Method:	(ppm)		Chlorite residual	lbs/day		
		1	2	3	4	5	6	7	8	PRE									POST	RAW									FILT	RAW	FILT		RAW	FILT			RAW	FILT
1	4,306	12	8	0	24	23	24	24	0	30	1400	0	50	0	0	53	0	80	100				244	222		0.11	246	220	8.2	7.3	7.3	222	258	258	0.66	265		
2	4,275	0	0	0	23	24	23	23	10	120	1500	0	50	0	0	49	0	0	100				254	230		0.12	252	236	8.1	7.4	7.4	240	270	264	0.71	265		
3	3,493	0	0	0	24	24	24	24	24		1400	0	50	0	0	63	0	0	100				250	238		0.09	250	230	8.3	7.4	7.6	240	278	270	0.71	265		
4	3,476	0	0	0	24	24	24	24	24		700	0	50	0	0	37	0	0	100				256	248		0.13	252	250	8.3	7.4	7.6	248	260	258	0.66	220		
5	3,988	0	0	0	24	23	23	24	24	70	1100	0	50	0	0	46	0	0	80				260	246		0.06	252	240	8.3	7.7	7.7	242	268	268	0.71	220		
6	3,827	0	0	0	24	24	24	23	23	70	1200	0	50	0	0	42	0	0	110				248	228		0.11	258	236	8.4	7.6	7.7	230	264	266	0.9	220		
7	4,202	0	0	0	23	24	24	24	24	45	1000	0	50	0	0	38	0	0	90				254	232		0.13	258	236	8.4	7.7	7.7	228	264	260	0.71	240		
8	4,504	0	0	0	24	24	24	24	24		1400	0	50	0	0	46	0	0	130				256	236		0.14	252	240	8.4	7.7	7.7	242	264	252	0.76	260		
9	4,654	0	0	0	24	24	24	24	24		1500	0	50	0	0	39	0	0	110				260	244		0.13	256	248	8.3	7.6	7.7	240	266	258	0.9	260		
10	4,284	0	0	0	24	23	23	24	24	80	1400	0	50	0	0	48	0	0	100				252	242		0.11	250	240	8.2	7.5	7.6	242	278	276	0.9	270		
11	4,605	0	0	0	24	24	24	23	23	70	1300	0	50	0	0	38	0	0	100				262	230		0.13	246	220	8.3	7.6	7.6	248	262	252	0.71	270		
12	4,680	0	0	0	23	24	24	24	24	40	1200	0	50	0	0	26	0	0	120				258	236		0.13	254	234	8.4	7.7	7.8	222	272	268	0.66	270		
13	4,844	0	0	0	24	24	24	24	24		1400	0	50	0	0	46	0	0	120				260	246		0.09	262	244	8.4	7.7	7.8	236	274	260	0.76	270		
14	4,927	0	0	0	24	23	23	24	24	70	1300	0	50	0	0	45	0	60	100				244	234		0.09	250	238	8.3	7.7	7.8	240	280	268	0.85	290		
15	5,147	0	0	0	24	24	24	23	23	70	1400	0	50	0	0	44	0	80	100				260	250		0.14	260	242	8.4	7.7	7.7	244	266	260	0.85	290		
16	5,083	0	0	0	23	24	24	24	24	45	1400	0	50	0	0	54	0	100	100				268	244		0.13	252	248	8.4	7.7	7.7	234	268	270	0.66	290		
17	4,359	0	0	0	24	23	23	24	24	80	1100	0	50	0	0	54	0	80	100				250	234		0.09	254	238	8.5	7.7	7.7	238	264	262	0.71	290		
18	3,997	0	0	0	24	24	24	23	23	70	1100	0	50	0	0	40	0	60	60				268	250		0.18	272	256	8.1	7.1	7.4	248	272	260	0.61	290		
19	3,848	0	0	0	23	24	24	24	24	40	1000	0	50	0	0	47	0	60	60				264	252		0.14	266	246	8.2	7.3	7.5	252	270	272	0.66	240		
20	3,966	0	0	0	24	24	24	24	24		800	0	50	0	0	44	0	60	80				268	250		0.14	262	244	8.2	7.4	7.6	250	266	266	0.47	240		
21	3,933	0	0	0	24	23	23	24	24	60	1100	0	50	0	0	45	0	50	80				240	242		0.13	268	238	8.2	7.6	7.6	242	262	272	0.66	240		
22	3,948	0	0	0	24	24	24	23	23	60	1400	0	50	0	0	50	0	100	80				262	240		0.14	268	248	8.4	7.6	7.6	240	270	274	0.57	260		
23	3,588	0	0	0	23	24	24	24	24	40	1700	0	50	0	0	33	0	170	60				114	220		0.13	122	206	7.4	7.5	8.1	246	144	254	0.47	260		
24	3,400	0	0	0	24	24	24	24	24		1600	0	50	412	0	51	0	180	60				116	150		0.17	123	148	7.4	7.7	7.7	232	130	168	0.51	220		
25	3,050	0	0	0	24	24	24	24	24		1200	0	50	550	0	38	0	110	60				120	130		0.14	128	138	7.4	7.5	7.7	152	124	142	0.61	220		
26	3,003	0	0	0	24	23	23	24	24	60	1100	0	50	1100	0	35	0	100	60				118	128		0.17	124	138	7.5	7.8	7.9	134	140	144	0.33	220		
27	3,215	0	0	0	24	24	24	23	23	70	1500	0	50	550	0	52	0	140	60				112	118		0.18	122	106	7.3	7.8	7.7	122	142	134	0.42	220		
28	3,216	0	0	0	23	24	24	24	24	40	1400	0	50	688	0	43	0	160	60				120	114		0.15	114	110	7.3	7.5	7.7	114	128	128	0.47	220		
29	3,220	0	0	0	24	24	24	24	24		1400	0	50	825	0	35	0	120	60				108	110		0.17	110	114	6.6	7.4	7	114	140	146	0.47	220		
30	3,278	0	0	0	24	24	24	24	24		1500	0	50	550	0	39	0	120	80				136	122		0.16	146	132	6.8	7.6	7.1	120	132	134	0.47	220		
31	3,182	0	0	0	24	23	23	24	24	80	1600	0	50	825	0	52	0	160	80				112	114		0.14	120	108	6.9	7.1	7.1	108	142	134	0.42	220		
TOT	123498	12	8	0	737	736	736	737	700	1310	40100		1550	5500		1372		1990	2700				6694	6480		4.07	6749	6472	247	234	236	6610	7118	7198	19.96	7745		
Avg	3984	0	0	0	24	24	24	24	24	42	1294			50.00	177		44.26		64	87				216	209		0	218	209	8.0	7.5	7.6	213.2	230	232	0.644	#####	

Power Costs	\$20,842.32
Labor Costs	\$30,110.25
Chemicals	\$14,427.33
Supplies	\$141.18
Repairs	\$2,450.00
TOTAL	\$67,971.08

Ave. Rate of Wash (Vert. in/min.)

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

Ave Wash Period (Minutes)

Signed

Steve Gray

DEQ Form # 630-577A

Revised 9/1/2000

% Wash Water Used

1.06%

Title

Water Treatment Plant Supervisor

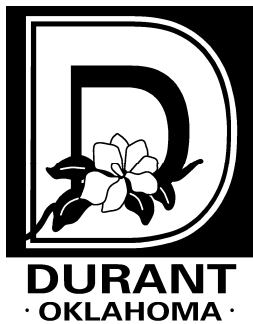
Oper. Cert. No.

B 6824

Cost per thousand Gallons

\$ 0.55

Ave. Head Loss for Washing



THE CITY OF DURANT

Office of the Water Treatment Plant

Water Treatment Plant Projects Schedule October 2015 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. Mowed lawn as needed
15. Pumped out vault on South 9th
16. Worked on # 8 filter
17. Weed eaten as needed
18. Cleaned screens on CLO2 generator as needed
19. Took down # 1 filter for media to be replaced
20. Took down # 2 filter for media to be replaced
21. Did final inspection on SOSU Tower
22. Worked on #1 raw pump got it where it would pump water
23. Put # 8 filter online
24. Had water leak on 24" water line
25. Changed oil in #1 raw pump Motor
26. Changed oil in #2 transfer pump and Backwash pump motors
27. Changed oil in #1,2,3 and 4 high service pump motors
28. Changed oil in old plant flocculators, center drive and spur gear
29. Changed oil in new plant flocculators and spur gear
30. Changed oil in old and new plant rapid mixers
31. Pulled #1 high service pump motor to be rebuilt
32. Switched #2 high service pump motor leads to #1 vfd
33. Greased the pumps and motors at South 9th pump station

B. Work Planned for January-December

1. Pull #2 yard pump
2. Get Osec Running
3. Get fence fixed at Chuckwa Tower

Approx Start/Finish Date

Time permitting
Time permitting
Time permitting

C. Projects Planned and Requested for Authorization

- A. Fencing around Cardinal Glass Tower
- B. Replace altitude valves at 3 towers in town
- C. Change offsite scada to cellular

Oklahoma State Department of Health / Oklahoma Department of Environmental Quality
MONTHLY OPERATION REPORT
RECORD OF FLUORIDE APPLICATION

PWSID 1010601 SYSTEM Durant Ok (SW) MONTH October
Type of Material Applied* Sodium Silicofluoride Year 2015

Date	Water Treated (1000s of Gallons)	Applied		Residual Fluoride (F), ppm			
		lbs.	PPM of F	Raw		Distribution	
				(1)	(2)	(1)	(2)
1	4306	53	0.8	0.0	0.1	0.8	0.7
2	4275	49	0.8	0.0	0.0	0.4	0.7
3	3493	63	1.2	0.1	0.1	0.6	0.8
4	3476	37	0.7	0.0	0.1	0.2	1.0
5	3988	46	0.8	0.0	0.0	0.9	0.5
6	3827	42	0.7	0.3	0.0	0.7	0.6
7	4202	38	0.6	0.0	0.0	0.8	0.8
8	4504	46	0.7	0.0	0.1	0.4	0.7
9	4654	39	0.5	0.1	0.0	0.6	0.5
10	4284	48	0.7	0.0	0.0	0.4	0.5
11	4605	38	0.6	0.1	0.2	0.4	0.5
12	4680	26	0.3	0.0	0.1	0.6	0.6
13	4844	46	0.6	0.0	0.0	0.6	0.5
14	4927	45	0.6	0.0	0.1	0.5	0.8
15	5147	44	0.6	0.0	0.1	0.6	0.8
16	5083	54	0.7	0.0	0.0	0.5	0.7
17	4359	54	0.8	0.0	0.1	0.6	0.7
18	3997	40	0.7	0.3	0.0	0.7	0.5
19	3848	47	0.8	0.1	0.2	0.8	0.7
20	3966	44	0.7	0.0	0.1	0.4	0.7
21	3933	45	0.8	0.0	0.0	0.9	0.7
22	3948	50	0.9	0.1	0.1	0.9	0.7
23	3588	33	0.6	0.1	0.0	0.2	1.1
24	3400	51	1.0	0.0	0.0	0.6	0.6
25	3050	38	0.8	0.3	0.0	0.4	0.5
26	3003	35	0.8	0.1	0.0	0.7	0.9
27	3215	52	1.1	0.0	0.0	0.6	0.9
28	3216	43	0.9	0.1	0.1	0.6	0.8
29	3220	35	0.7	0.0	0.0	0.5	0.7
30	3278	39	0.8	0.1	0.1	0.6	0.9
31	3182	52	1.2	0.0	0.2	0.9	0.4
Total	123498	1372	22.7	1.8	1.7	18.4	20.8
Average	3984	44	0.7	0.0	0.0	0.6	0.7

* Example: Sodium Fluoride, Sodium Fluorosilicate (Sodium Silicofluoride), and Fluorosilicic Acid (Hydrofluorosilicic Acid).

It is required that this report be received by the 10th of the following month.

Send to: OSDH – Dental Health Services
1000 NE 10TH ST
OKLAHOMA CITY, OK 73117-1299

AND

Oklahoma Department of Environmental Quality
PO BOX 1677
OKLAHOMA CITY, OK 73101-1677

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

Signed _____
Title _____
City _____

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT

LT2ESWTR CRYPTOSPORIDIUM LOG REMOVAL

Water Treatment Plant & Total Log Credit

Plant: Durant WTP
PWSID: 1010601
Month: Oct-15

Day		Treatment Plant																				Subtotals		Filter Log Credit		Cryptosporidium Log Credit (TOTAL)		Compliance	
		Clarifier #1 (Old)							Clarifier #2 (New)							Clearwell													
		Temperature (°C)	Peak Hourly Flow (GPM) OLD PLANT	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Temperature (°C)	Peak Hourly Flow (GPM) NEW PLANT	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Temperature (°C)	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Subtotal Log Credit (WTP Only)	Subtotal Log Credit (Raw Water Only) Worksheet	IFE Turbidity Log Credit (Other Wksht)	CFE Turbidity Log Credit (Other Wksht)				
1	3958	23.9	1875	0.09	400.00	36.00	82.54	0.44	23.9	2083	0.13	360.06	46.81	82.54	0.57	26.1	0.11	265.29	29.18	68.12	0.43	0.93	1.48	0.50	0.50	3.41	Y		
2	3403	22.9	903	0.13	830.56	107.97	90.06	1.20	22.3	2500	0.17	300.00	51.00	94.90	0.54	25.3	0.12	308.55	37.03	73.05	0.51	1.22	1.37	0.50	0.50	3.59	Y		
3	3194	22.7	694	0.09	1080.69	97.26	91.64	1.06	22.2	2500	0.14	300.00	42.00	95.73	0.44	24.1	0.09	328.74	29.59	81.11	0.36	0.94	1.35	0.50	0.50	3.29	Y		
4	2778	20.5	694	0.06	1080.69	64.84	111.04	0.58	19.9	2083	0.14	360.06	50.41	117.00	0.43	23.6	0.13	377.97	49.14	84.72	0.58	1.05	1.43	0.50	0.50	3.48	Y		
5	2778	20.2	694	0.03	1080.69	32.42	113.98	0.28	19.9	2083	0.11	360.06	39.61	117.00	0.34	23.4	0.06	377.97	22.68	86.22	0.26	0.59	1.35	0.50	0.50	2.94	Y		
6	2778	20.0	694	0.04	1080.69	43.23	115.99	0.37	19.8	2083	0.13	360.06	46.81	118.03	0.40	22.9	0.11	377.97	41.58	90.06	0.46	0.85	1.51	0.50	0.50	3.36	Y		
7	2778	20.1	694	0.08	1080.69	86.46	114.98	0.75	20.2	2083	0.19	360.06	68.41	113.98	0.60	23.0	0.13	377.97	49.14	89.28	0.55	1.19	1.47	0.50	0.50	3.66	Y		
8	3125	20.4	764	0.09	981.68	88.35	112.01	0.79	20.4	2361	0.16	317.66	50.83	112.01	0.45	23.4	0.14	336.00	47.04	86.22	0.55	1.08	1.38	0.50	0.50	3.46	Y		
9	3125	21.2	764	0.06	981.68	58.90	104.46	0.56	21.6	2361	0.16	317.66	50.83	100.88	0.50	23.7	0.13	336.00	43.68	83.99	0.52	1.04	1.42	0.50	0.50	3.46	Y		
10	3125	20.5	764	0.07	981.68	68.72	111.04	0.62	20.8	2361	0.15	317.66	47.65	108.17	0.44	23.3	0.11	336.00	36.96	86.97	0.42	0.91	1.38	0.50	0.50	3.29	Y		
11	3125	20.5	764	0.06	981.68	58.90	111.04	0.53	20.1	2361	0.20	317.66	63.53	114.98	0.55	22.8	0.13	336.00	43.68	90.85	0.48	1.03	1.35	0.50	0.50	3.38	Y		
12	3333	20.5	764	0.10	981.68	98.17	111.04	0.88	20.7	2569	0.24	291.94	70.07	109.11	0.64	20.6	0.13	315.03	40.95	110.07	0.37	1.07	1.31	0.50	0.50	3.38	Y		
13	3333	21.4	764	0.08	981.68	78.53	102.65	0.77	21.8	2569	0.17	291.94	49.63	99.13	0.50	23.6	0.09	315.03	28.35	84.72	0.33	0.90	1.42	0.50	0.50	3.31	Y		
14	3403	20.8	833	0.09	900.36	81.03	108.17	0.75	20.5	2569	0.22	291.94	64.23	111.04	0.58	22.9	0.09	308.55	27.77	90.06	0.31	0.93	1.42	0.50	0.50	3.35	Y		
15	3611	20.3	833	0.11	900.36	99.04	112.99	0.88	20.1	2778	0.27	269.98	72.89	114.98	0.63	22.9	0.14	290.78	40.71	90.06	0.45	1.14	1.35	0.50	0.50	3.49	Y		
16	3611	20.0	833	0.09	900.36	81.03	115.99	0.70	19.9	2778	0.22	269.98	59.40	117.00	0.51	22.8	0.13	290.78	37.80	90.85	0.42	0.97	1.33	0.50	0.50	3.30	Y		
17	3611	19.9	833	0.11	900.36	99.04	117.00	0.85	19.7	2778	0.17	269.98	45.90	119.06	0.39	22.6	0.09	290.78	26.17	92.45	0.28	0.77	1.29	0.50	0.50	3.07	Y		
18	2778	19.0	694	0.14	1080.69	151.30	126.56	1.20	18.5	2083	0.27	360.06	97.22	132.20	0.74	21.9	0.18	377.97	68.03	98.27	0.69	1.54	1.14	0.50	0.50	3.68	Y		
19	2778	18.0	694	0.20	1080.69	216.14	138.10	1.57	17.6	2083	0.27	360.06	97.22	143.00	0.68	21.2	0.14	377.97	52.92	104.46	0.51	1.41	0.71	0.50	0.50	3.12	Y		
20	2778	17.4	694	0.11	1080.69	118.88	145.52	0.82	17.1	2083	0.27	360.06	97.22	149.38	0.65	20.9	0.14	377.97	52.92	107.23	0.49	1.19	1.28	0.50	0.50	3.46	Y		
21	2778	17.7	694	0.10	1080.69	108.07	141.76	0.76	17.8	2083	0.24	360.06	86.41	140.53	0.61	21.0	0.13	377.97	49.14	106.30	0.46	1.11	1.23	0.50	0.50	3.34	Y		
22	2778	19.1	694	0.09	1080.69	97.26	125.46	0.78	19.3	2083	0.22	360.06	79.21	123.29	0.64	21.4	0.14	377.97	52.92	102.65	0.52	1.19	1.46	0.50	0.50	3.65	Y		
23	2778	19.5	694	0.11	1080.69	118.88	121.16	0.98	20.2	2083	0.22	360.06	79.21	113.98	0.69	21.7	0.13	377.97	49.14	100.00	0.49	1.26	1.26	0.50	0.50	3.52	Y		
24	2430	19.9	694	0.16	1080.69	172.91	117.00	1.48	20.4	1736	0.19	432.03	82.09	112.01	0.73	21.6	0.17	432.10	73.46	100.88	0.73	1.67	1.69	0.50	0.50	4.37	Y		
25	2083	19.9	694	0.18	1080.69	194.52	117.00	1.66	20.1	1389	0.23	539.96	124.19	114.98	1.08	21.4	0.14	504.08	70.57	102.65	0.69	1.96	2.06	0.50	0.50	5.02	Y		
26	2083	19.7	694	0.24	1080.69	259.37	119.06	2.18	19.5	1389	0.24	539.96	129.59	121.16	1.07	21.0	0.17	504.08	85.69	106.30	0.81	2.25	1.91	0.50	0.50	5.16	Y		
27	2083	19.5	694	0.24	1080.69	259.37	121.16	2.14	19.4	1389	0.20	539.96	107.99	122.22	0.88	20.8	0.18	504.08	90.73	108.17	0.84	2.14	1.92	0.50	0.50	5.06	Y		
28	2222	19.5	694	0.30	1080.69	324.21	121.16	2.68	19.4	1528	0.30	490.84	147.25	122.22	1.20	20.8	0.15	472.55	70.88	108.17	0.66	2.32	1.75	0.50	0.50	5.07	Y		
29	2222	19.4	694	0.28	1080.69	302.59	122.22	2.48	19.3	1528	0.24	490.84	117.80	123.29	0.96	20.7	0.17	472.55	80.33	109.11	0.74	2.17	1.58	0.50	0.50	4.75	Y		
30	2222	19.0	694	0.18	1080.69	194.52	126.56	1.54	19.2	1528	0.13	490.84	63.81	124.37	0.51	20.6	0.16	472.55	75.61	110.07	0.69	1.52	1.53	0.50	0.50	4.05	Y		
31	2222	18.9	694	0.16	1080.69	172.91	127.67	1.35	19.0	1528	0.12	490.84	58.90	126.56	0.47	20.0	0.14	472.55	66.16	115.99	0.57	1.31	1.32	0.50	0.50	3.64	Y		

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

Signed _____

Title Water Treatment Plant Supervisor

Op. Cert. No. B 6824

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT

LT2ESWTR CRYPTOSPORIDIUM LOG REMOVAL

RAW WATER LINE

Plant: Durant WTP

PWSID: 1010601

Month: Oct-15

		Raw Water Line																		Subtotal	
		Sample Point A						Sample Point B						Sample Point C							
Day	Peak Hourly Flow (GPM)	Temperature (°C)	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Temperature (°C)	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Temperature (°C)	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Subtotal Log Credit (Raw Water Only)	Comments
1	3958	23.7	0.85	20.81	17.69	83.99	0.21	23.7	0.57	150.66	85.87	83.99	1.02	24.2	0.54	36.07	19.48	80.40	0.24	1.48	
2	3403	21.0	1.02	24.21	24.69	106.30	0.23	21.2	0.56	175.23	98.13	104.46	0.94	22.8	0.42	41.95	17.62	90.85	0.19	1.37	
3	3194	20.6	0.99	25.79	25.53	110.07	0.23	21.5	0.50	186.69	93.35	101.76	0.92	21.6	0.45	44.70	20.11	100.88	0.20	1.35	
4	2778	19.1	1.00	29.65	29.65	125.46	0.24	19.3	0.57	214.65	122.35	123.29	0.99	21.1	0.41	51.39	21.07	105.37	0.20	1.43	
5	2778	19.1	1.05	29.65	31.14	125.46	0.25	19.3	0.53	214.65	113.77	123.29	0.92	21.0	0.38	51.39	19.53	106.30	0.18	1.35	
6	2778	19.2	1.07	29.65	31.73	124.37	0.26	19.5	0.59	214.65	126.64	121.16	1.05	20.9	0.43	51.39	22.10	107.23	0.21	1.51	
7	2778	19.4	1.06	29.65	31.43	122.22	0.26	19.7	0.55	214.65	118.06	119.06	0.99	21.1	0.45	51.39	23.12	105.37	0.22	1.47	
8	3125	19.8	1.04	26.36	27.41	118.03	0.23	20.3	0.57	190.82	108.77	112.99	0.96	21.6	0.41	45.68	18.73	100.88	0.19	1.38	
9	3125	20.7	1.09	26.36	28.73	109.11	0.26	20.9	0.54	190.82	103.04	107.23	0.96	22.2	0.41	45.68	18.73	95.73	0.20	1.42	
10	3125	20.1	1.03	26.36	27.15	114.98	0.24	21.4	0.51	190.82	97.32	102.65	0.95	21.8	0.43	45.68	19.64	99.13	0.20	1.38	
11	3125	19.2	0.96	26.36	25.31	124.37	0.20	19.5	0.60	190.82	114.49	121.16	0.94	20.7	0.48	45.68	21.93	109.11	0.20	1.35	
12	3333	19.6	1.10	24.72	27.19	120.11	0.23	20.2	0.57	178.91	101.98	113.98	0.89	21.5	0.46	42.83	19.70	101.76	0.19	1.31	
13	3333	20.5	1.06	24.72	26.20	111.04	0.24	21.0	0.59	178.91	105.56	106.30	0.99	21.9	0.43	42.83	18.42	98.27	0.19	1.42	
14	3403	20.0	1.12	24.21	27.11	115.99	0.23	20.4	0.63	175.23	110.39	112.01	0.99	21.0	0.51	41.95	21.39	106.30	0.20	1.42	
15	3611	20.1	1.14	22.81	26.01	114.98	0.23	20.3	0.64	165.13	105.69	112.99	0.94	20.8	0.51	39.53	20.16	108.17	0.19	1.35	
16	3611	19.4	1.12	22.81	25.55	122.22	0.21	19.6	0.68	165.13	112.29	120.11	0.93	20.8	0.51	39.53	20.16	108.17	0.19	1.33	
17	3611	19.1	1.09	22.81	24.87	125.46	0.20	19.3	0.69	165.13	113.94	123.29	0.92	20.6	0.48	39.53	18.98	110.07	0.17	1.29	
18	2778	19.0	0.83	29.65	24.61	126.56	0.19	19.0	0.48	214.65	103.03	126.56	0.81	19.1	0.32	51.39	16.44	125.46	0.13	1.14	
19	2778	16.7	0.80	29.65	23.72	154.68	0.15	17.2	0.31	214.65	66.54	148.08	0.45	18.7	0.27	51.39	13.87	129.92	0.11	0.71	
20	2778	16.6	1.05	29.65	31.14	156.04	0.20	16.9	0.63	214.65	135.23	152.01	0.89	18.5	0.48	51.39	24.67	132.20	0.19	1.28	
21	2778	17.0	1.01	29.65	29.95	150.69	0.20	17.4	0.57	214.65	122.35	145.52	0.84	19.1	0.46	51.39	23.64	125.46	0.19	1.23	
22	2778	18.4	1.06	29.65	31.43	133.36	0.24	19.4	0.59	214.65	126.64	122.22	1.04	20.1	0.42	51.39	21.58	114.98	0.19	1.46	
23	2778	19.4	0.89	29.65	26.39	122.22	0.22	20.2	0.44	214.65	94.45	113.98	0.83	20.7	0.46	51.39	23.64	109.11	0.22	1.26	
24	2430	19.2	0.90	33.90	30.51	124.37	0.25	20.0	0.55	245.39	134.97	115.99	1.16	20.8	0.52	58.75	30.55	108.17	0.28	1.69	
25	2083	19.1	0.98	39.55	38.76	125.46	0.31	19.8	0.59	286.27	168.90	118.03	1.43	20.5	0.52	68.53	35.64	111.04	0.32	2.06	
26	2083	19.6	0.82	39.55	32.43	120.11	0.27	19.8	0.55	286.27	157.45	118.03	1.33	20.1	0.52	68.53	35.64	114.98	0.31	1.91	
27	2083	19.5	0.80	39.55	31.64	121.16	0.26	19.8	0.56	286.27	160.31	118.03	1.36	19.9	0.51	68.53	34.95	117.00	0.30	1.92	
28	2222	19.1	0.91	37.07	33.74	125.46	0.27	19.4	0.55	268.36	147.60	122.22	1.21	19.9	0.50	64.25	32.12	117.00	0.27	1.75	
29	2222	18.9	0.87	37.07	32.25	127.67	0.25	19.2	0.50	268.36	134.18	124.37	1.08	19.8	0.46	64.25	29.55	118.03	0.25	1.58	
30	2222	18.8	0.86	37.07	31.88	128.79	0.25	19.1	0.49	268.36	131.50	125.46	1.05	19.6	0.43	64.25	27.63	120.11	0.23	1.53	
31	2222	18.5	0.83	37.07	30.77	132.20	0.23	19.3	0.41	268.36	110.03	123.29	0.89	19.3	0.38	64.25	24.41	123.29	0.20	1.32	

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

Signed _____

Title Water Treatment Plant Supervisor

Op. Cert. No. B 6824

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT

INDIVIDUAL FILTER TURBIDITY

Plant: Durant WTP

PWSID: 1010601

Month: Oct-15

IFE TURBIDITY GREATER THAN 0.3 NTU:	0	0.00%
IFE TURBIDITY GREATER THAN 0.15 NTU:	0	0.00%

TOTAL NO. OF TURBIDITY ANALYSES:	193
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HIGHEST TURBIDITY READING	0.10
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1. 95% OF SAMPLES BELOW 0.15 NTU? Yes

☐ No, Cryptosporidium Log Removal Credit of

☐ Yes, Go to Question 2.

2. DID ANY SINGLE FILTER EXCEED 0.3 NTU
IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ No, Cryptosporidium Log Removal Credit of

☐ Yes, Cryptosporidium Log Removal Credit may be

	Old Water Treatment Plant																									
	Filter 1						Filter 2						Filter 3						Filter 4						Comments:	
DAY	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400		
1	0.03	0.03	0.03	0.03	off	off	0.04	0.04	0.04	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
2	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.09	0.04	0.04	0.04	0.04		
3	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.05	0.05	0.05	0.05		
4	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.05	0.05	0.05	0.05	0.05		
5	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.05	0.05	0.05	0.05	0.05		
6	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.05	0.05	0.05	0.05	0.05		
7	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.05	0.06	0.06	0.04	0.04		
8	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
9	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.06	0.05	0.05	0.05		
10	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.05	0.05	0.05	0.05	0.05		
11	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.05	0.05	0.05	0.05	0.05		
12	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.04	0.04	0.04	0.04	0.04		
13	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.05	0.04	0.04	0.04		
14	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.05	0.05	0.05	0.05	0.05		
15	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.05	0.05	0.05	0.05	0.05		
16	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.05	0.10	0.04	0.04	0.04	0.04		
17	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
18	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
19	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
20	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
21	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
22	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
23	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
24	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
25	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
26	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	off	0.04	0.04	0.04	0.04	0.04	0.04		
27	off	off	off	off			off	off	off	off			off	off	off	off			0.04	0.05	0.05	0.06	0.06	0.05		
28																			0.05	0.07	0.06	0.06	0.06	0.05		
29																			0.05	0.06	0.06	0.06	0.04	0.04		
30																			0.04	0.04	0.04	0.04	0.04	0.04		
31																			0.04	0.04	0.04	0.03	0.03	0.03		

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

Signed _____

Title Water Treatment Plant Supervisor

Op. Cert. No.

B 6824

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT

INDIVIDUAL FILTER TURBIDITY

Plant: Durant WTP

PWSID: 1010601

Month: Oct-15

IFE TURBIDITY GREATER THAN 0.3 NTU:	0	0.00%
IFE TURBIDITY GREATER THAN 0.15 NTU:	0	0.00%

TOTAL NO. OF TURBIDITY ANALYSES:	735
----------------------------------	-----

HIGHEST TURBIDITY READING	0.15
---------------------------	------

1. 95% OF SAMPLES BELOW 0.15 NTU? Yes

☐ No, Cryptosporidium Log Removal Credit of

☐ Yes, Go to Question 2.

2. DID ANY SINGLE FILTER EXCEED 0.3 NTU

IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ No, Cryptosporidium Log Removal Credit of

☐ Yes, Cryptosporidium Log Removal Credit may be

	New Water Treatment Plant																							
	Filter 5						Filter 6						Filter 7						Filter 8					
DAY	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400
1	0.04	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.04	off	off	off	off	off	off
2	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.02	0.02	0.02	0.02	0.08	0.05	0.03	0.02	0.03	0.03	off	off	off	0.09	0.05	0.04
3	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.04	0.04	0.04
4	0.03	0.03	0.03	0.03	0.04	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
5	0.06	0.04	0.03	0.03	0.03	0.03	0.04	0.03	0.02	0.02	0.02	0.02	0.10	0.07	0.07	0.06	0.07	0.08	0.04	0.04	0.04	0.04	0.04	0.04
6	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.10	0.03	0.03	0.03	0.03	0.03	0.05	0.04	0.04	0.04	0.04	0.04
7	0.03	0.03	0.03	0.03	0.04	0.04	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.04
8	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
9	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.04	0.04	0.05
10	0.04	0.13	0.05	0.03	0.03	0.03	0.03	0.07	0.03	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.04	0.05
11	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.03	0.03	0.03	0.03	0.03	0.05	0.04	0.04	0.04	0.04	0.04
12	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
13	0.03	0.04	0.04	0.04	0.04	0.05	0.02	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
14	0.06	0.04	0.04	0.04	0.04	0.04	0.05	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04
15	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.03	0.03	0.03	0.03	0.02	0.02	0.04	0.04	0.04	0.04	0.04
16	0.03	0.03	0.03	0.03	0.03	0.06	0.02	0.02	0.02	0.02	0.03	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.04	0.04	0.04	0.04
17	0.10	0.10	0.03	0.03	0.03	0.03	0.09	0.09	0.03	0.02	0.02	0.02	0.03	0.04	0.04	0.05	0.10	0.11	0.04	0.04	0.04	0.03	0.04	0.03
18	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.11	0.03	0.03	0.02	0.02	0.02	0.04	0.04	0.04	0.04	0.04	0.04
19	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.04	0.04	0.04	0.04	0.03	0.03
20	0.03	0.03	0.03	0.03	0.03	0.04	0.02	0.03	0.03	0.03	0.03	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.03
21	0.05	0.04	0.03	0.03	0.04	0.04	0.09	0.03	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
22	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.04	0.03	0.03	0.03	0.03	0.03	0.06	0.04	0.04	0.04	0.04	0.04
23	0.04	0.04	0.05	0.05	0.05	0.05	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.05	0.05	0.05	0.07	0.06	0.04	0.06	0.06	0.06	0.07	0.07
24	0.05	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.05	0.04	0.04	0.04	0.06	0.06	0.06	0.06	0.05	0.05	0.07	0.07	0.07	0.07	0.07	0.07
25	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.07	0.06	0.06	0.07	0.07
26	0.11	0.12	0.08	0.08	0.07	0.07	0.09	0.06	0.05	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.09	0.07	0.07	0.07	0.06	0.06
27	0.06	0.07	0.15	0.06	0.06	0.06	0.07	0.06	0.10	0.05	0.05	0.05	0.09	0.06	0.05	0.06	0.06	0.06	0.11	0.08	0.07	0.07	0.07	0.07
28	0.06	0.06	0.07	0.06	0.06	0.06	0.05	0.06	0.06	0.05	0.05	0.05	0.06	0.07	0.07	0.06	0.06	0.06	0.07	0.05	0.14	0.07	0.07	0.07
29	0.06	0.06	0.05	0.07	0.03	0.03	0.05	0.05	0.04	0.04	0.02	0.02	0.06	0.06	0.05	0.05	0.03	0.03	0.07	0.07	0.06	0.06	0.04	0.04
30	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.03	0.04	0.04	0.04	0.04	0.04	0.04
31	0.03	0.06	0.08	0.04	0.03	0.03	0.02	0.05	0.04	0.03	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.04	0.04	0.04	0.03	0.04	0.03

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

Signed _____

Title Water Treatment Plant Supervisor

Op. Cert. No.



CHLORINE DIOXIDE AND CHLORITE MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWSID: OK 1010601

PWS Name: City of Durant

2. Compliance Information:

Water System Facility ID: 1010601

Plant Name: Durant Water Plant

Month: October Year: 2015

3. Analytical Results & Summary Information:

Entry Point Monitoring			<u>Chlorine Dioxide Daily Monitoring (Summary Type: CLO2)</u>					
Day	ClO ₂ (mg/L)	Chlorite (mg/L)						
1	0.11	0.66	Number of Samples Required: 31					
2	0.12	0.71	Number of Samples Collected: 31					
3	0.09	0.71	Was All Chlorine Dioxide Monitoring & Reporting Completed? Yes / No Yes / No					
4	0.13	0.66	Number of ClO ₂ samples exceeded the MRDL of 0.8 mg/L? 0					
5	0.06	0.71	If a routine sample exceeds the MRDL, the system is required to take (3) three more samples the next day.					
6	0.11	0.9	<u>Chlorite Daily Monitoring (Summary Type: CLO2)</u>					
7	0.13	0.71	Number of Samples Required: 31					
8	0.14	0.76	Number of Samples Collected: 31					
9	0.13	0.9	Was All Chlorite Monitoring & Reporting Completed? Yes / No Yes / No					
10	0.11	0.9	Number of Chlorite samples exceeded the MCL of 1.0 mg/L? 					
11	0.13	0.71	If a routine sample exceeds the MCL, the system is required to take (3) three more samples the next day.					
12	0.13	0.66	* If you didn't use Chlorine Dioxide for disinfection any day this month, please mark "n/a" in that day's box to prevent a Monitoring violation.					
13	0.09	0.76						
14	0.09	0.85						
15	0.14	0.85	<u>Routine Chlorite Monthly Monitoring in Distribution System</u>					
16	0.13	0.66	Sampling Location	Lab Sample ID	Sampling Point ID	Collection Date	Certified Lab ID	Chlorite (mg/L)
17	0.09	0.71	Near 1st Customer					
18	0.18	0.61	Avg. Residence Time					
19	0.14	0.66	Max. Residence Time					
20	0.14	0.47	Monitoring Period Average: 					
21	0.13	0.66	Mark (X) if analytical results were reported electronically: _____					
22	0.14	0.57	- If the arithmetic average of any three sample set exceeds the Chlorite MCL (1.0 mg/L), the system is in violation of the MCL. - If more than one three-sample set was collected, attach additional copies of this form.					
23	0.13	0.42						
24	0.17	0.57						
25	0.14	0.61						
26	0.17	0.33						
27	0.18	0.42						
28	0.15	0.47						
29	0.17	0.47						
30	0.16	0.47						
31	0.14	0.42						

Signature of owner or operator: _____

Date: _____

Operator License Number _____

Send all documents to:

Joe Keeble
Disinfection Byproducts Compliance Coordinator
Water Quality Division, DEQ
P.O. Box 1677
Oklahoma City, Oklahoma 73101-1677

DEQ Form # 630-577D
 Revision 06/01/2009



The City of Durant

Office of the Wastewater Treatment Plant

Memorandum

Date: 11/6/2015
To: Mayor and City Council
From: Cary Carl
Re: Wastewater Treatment Plant Lab Report - October, 2015-

Tests Processed

<u>102</u>	Bac-t's
<u>84</u>	BOD's
<u>20</u>	TSS's
<u>14</u>	NH3's
<u>8</u>	DO's
<u>4</u>	Ph's
<u>0</u>	Fecal Coliforms (May 1 st – Sept. 30 th)
<u>0</u>	FOG's

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 tests
- Laboratory Testing
- Filing
- Daily/Weekly laboratory and WWTP building cleaning
- Monthly, Quarterly, Bi-annual, Yearly reports
- Ordering Lab chemicals and supplies
- Water Billing
- Storm water monitoring
- Pretreatment

Durant Wastewater Influent & Effluent Results

Date Tested: 10/28/15

BOD INFLUENT (RAW) - 68.5 mg/L

TSS INF. (RAW) - 92 mg/L

AMMONIA NITROGEN INF. (RAW) - 28.8 mg/L

CBOD EFFLUENT (FINISH) - 2.0 mg/L

TSS EFF. (FINISH) - 2.5 mg/L

AMMONIA NITROGEN EFF. (FINISH) - 0.4 mg/L

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

Date Tested: 10/7/15

BOD INFLUENT (RAW) - 120 mg/L

TSS INF. (RAW) - 64 mg/L

AMMONIA NITROGEN INF. (RAW) - 18.6 mg/L

CBOD EFFLUENT (FINISH) - 2.0 mg/L

TSS EFF. (FINISH) - 2.5 mg/L

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

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

Date Tested: 10/14/15

BOD INFLUENT (RAW) - 75.6 mg/L

TSS INF. (RAW) - 20 mg/L

AMMONIA NITROGEN INF. (RAW) - 59 mg/L

CBOD EFFLUENT (FINISH) - 2.0 mg/L

TSS EFF. (FINISH) - 2.5 mg/L

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

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

Date Tested: 10/21/15

BOD INFLUENT (RAW) - 178.5 mg/L

TSS INF. (RAW) - 212 mg/L

AMMONIA NITROGEN INF. (RAW) - 25.2 mg/L

CBOD EFFLUENT (FINISH) - 2.0 mg/L

TSS EFF. (FINISH) - 2.5 mg/L

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

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

Council Information / Action Requested

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



The City of Durant

Office of the Wastewater Treatment Plant

Memorandum

Date: 10/30/2015
To: Mayor and City Council
From: TERRY CONDOR
Re: Wastewater Treatment Plant Monthly Report - October, 2015-

A: WORK COMPLETED IN OCTOBER 2015

- 1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (on going)
- 2: CLEAN CLARIFIER WEIRS 10-19-15
- 3: CLEAN BLEND TANK MIXER 10-27-15
- 4: CLEAN EFFLUENT PUMP STATION 10-8-15
- 5: CLEAN RAW WATER PUMP STATION (not needed)
- 6: CLEAN SCUM PUMP STATION 10-8-15
- 7: CLEAN DRAIN LIFT STATION 10-15-15
- 8: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER 10-2-15
- 9: CALIBRATE DISCHARGE DO & PH METER (in repair)
- 10: CHECK CALIBRATION OF DISCHARGE FLOW METER 10-22-15
- 11: RESET SBR PLC (ok)
- 12: WASH DOWN STEP SCREEN 10-21-15
- 13: CLEAN UV TROUGHS AND FLUME 10-16-15
- 14: CHECK ELECTRIC MANHOLES 10-20-15
- 15: CLEAN OUT BUILDING 10-1-15
- 16: MANUALLY CHECK U.V. BULBS (NOT NEEDED)
- 17: WASH DOWN CASINO STEPSCREEN 10-15-14
- 18: CHECK ALL AUTOMATIC VALVES (ok)
- 19: VEHICLE INSPECTION 10-19-15
- 20: WALK-THRU INSPECTION 10-2-15
- 21: CLEAN ALL PLC's (OK)
- 22: CLEAN D.O. METERS 10-21-15
- 23: CHECK CLARIFIER OIL WEEKLY 10-2-15
- 24: REPLACED VFD DRIVE DIGESTER FEED PUMP #1

TREATED 56.642 MG OF WASTEWATER
PROCESSED 815.298 KG OF TREATED SLUDGE

Council Information / Action Requested

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



The City of Durant

Office of City Clerk

Memorandum

Date: 11/2/2015
To: Mayor and City Council
From: Donna Bullard, Utility Office Manager
Re: Monthly Utility Billing, Cash Collection, And Consumption Summary-October, 2015

See attachment.

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Utility Summary Report - October, 2015	Cover Memo	11/9/2015



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

OCTOBER 2015

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	6022		5890		6183	

Total Revenue Billed	\$328,774.00	\$1,237,142.33	\$166,304.27	\$620,172.67	\$309,010.97	\$1,593,280.41
Amount of Penalties	\$16,155.68	\$40,960.78				

Adjustments in Dollar	(\$6,738.44)	(\$22,924.75)	(\$3,375.55)	(\$13,242.83)	(\$6,411.51)	(\$29,134.18)
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TOTAL CASH RECEIPTS	\$372,838.23	\$1,017,595.95	\$164,837.62	\$550,537.12	\$327,396.59	\$1,186,913.36
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CONSUMPTION IN GALLONS	108,789,600
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The City of Durant

Office of City Manager

Memorandum

Date: 11/5/2015
To: Mayor and City Council
From: Sarah Sherrer, Assistant City Manager
Re: Consider Approval of Resolution 2015-38 to Adjust the Utility Rate Structure Adopted by Resolution 2015-24 and Suspend Scheduled Utility Rate Increases for the Fiscal Years 2016-17 and 2017-18-

Council Information / Action Requested

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

- City Clerk- If approved, ensure Resolution 2015-38 is published
- Utility Office- Implement new rates if approved effective January 1, 2016.

ATTACHMENTS:

Description	Type	Upload Date
RESOLUTION 2015-38 MEMO	Cover Memo	11/9/2015
RESOLUTION 2015-38	Resolution Letter	11/9/2015
RESOLUTION 2015-38 - ATTACHMENT A	Resolution Letter	11/9/2015
EXAMPLE BILLING	Backup Material	11/9/2015



THE CITY OF DURANT

Office of the City Manager

Memorandum

Date: November 6, 2015
To: Mayor and City Council
From: Sarah Sherrer, Assistant City Manager
Re: Consider Approval of Resolution 2015-38

In preparing this proposed utility rate increase, consumption trends across customer classes were studied, net profit for utility services over five years using audited financial data was evaluated, and proposed rates were compared with those of Ada and Ardmore.

- Audited financials indicate utility revenue has declined since the last rate increase in July of 2011.
- Operational costs for the sanitary sewer service have exceeded revenue for several years. Total treatment costs for water and wastewater are very similar but wastewater is more costly to treat on a per gallon basis.
- Reductions in operational costs accomplished over the last 18 months are inadequate to fund future infrastructure improvements including short and long-term equipment replacement and cover rising inflation related to providing utility services.
- Proposed rates are competitive with other cities our size.

AUDITED FINANCIAL REPORT- Statement of Activities	YEAR ENDED JUNE 30, 2010	YEAR ENDED JUNE 30, 2011	YEAR ENDED JUNE 30, 2012	YEAR ENDED JUNE 30, 2013	YEAR ENDED JUNE 30, 2014
COMBINED UTILITY EXPENSE:	8,608,704	8,445,103	9,433,112	10,533,228	10,267,060
COMBINED UTILITY REVENUE:	8,735,589	8,931,751	9,778,612	9,550,372	9,552,442
NET PROFIT:	126,885	486,648	345,500	(982,856)	(714,618)

The amount of rate increase for each service varies. These factors were considered in determining each increase:

- Profit or loss earned
- Future capital improvements needed
- Impact on residential customers

The rate structure adopted in September (Resolution 2015-24) has been amended to decrease the burden on residential customers inside city limits. The minimum monthly utility bill for these customers using less than 2,000 gallons per month and only one polycart will go up **ONLY \$0.25**. Details of specific increases for each service can be found in Resolution 2015-38. This proposal includes a rate increase for one year only instead of three.

Current Minimum Bill	Proposed Minimum	Minimum Bill in Ada	Minimum Bill in Ardmore
\$45.00	\$45.25	\$58.18	\$45.44

The proposed utility rate increase will allow the city to begin addressing needed infrastructure improvement but will not generate enough funds to cover future expansion of the wastewater or water treatment plants and necessary storm water drainage system improvements (drainage issues have contributed to the deterioration of city streets).

Projected revenue from the proposed rate increase will be sufficient to make the note payment in the event the council decides to proceed with issuing debt and will provide additional revenue for operations. City staff will continue to reduce fixed costs and increase efficiency however, without a strategy in place immediate cuts would result in a disruption of services. Furthermore, a list of capital improvement needs will be presented for the council to prioritize if this proposed rate increase is approved. Ultimately, project selection will not be finalized until the council votes on each proposed project for approval.

RESOLUTION NO. 2015-38

**A RESOLUTION TO ADJUST THE UTILITY RATE STRUCTURE ADOPTED BY
RESOLUTION 2015-24 AND SUSPEND SCHEDULED UTILITY RATE INCREASES
FOR THE FISCAL YEARS 2016-17 AND 2017-18**

WHEREAS, on September 8, 2015 the Durant City Utilities Authority approved Resolution 2015-24 increasing the water, sanitary sewer, and solid waste rates for customers of the Durant City Utilities Authority over three consecutive years; and

WHEREAS, after careful consideration, the Durant City Utilities Authority Trustees wish to amend Resolution 2015-24 by suspending scheduled utility rate increases for the fiscal years of 2016-17 and 2017-18; and

WHEREAS, the last utility rate increase adopted by the Durant City Utilities Authority Trustees was effective July 1, 2011 as prescribed by Resolution 2007-29; and

WHEREAS, examination of audited financial reports for the last five years reveals that it is necessary to increase utility rates charged by the Durant City Utilities Authority to cover the costs associated with providing services; and

WHEREAS, the adjusted utility rate table has been structured to relieve any undue burden on residential customers inside city limits, therefore, no formal discount program will be adopted in conjunction with this amended resolution; and

WHEREAS, The Durant City Utilities Authority, an Oklahoma Public Trust, has independently contracted with Rural Water and Sewer District No. 2, Bryan County and Rural Water and Sewer District No. 5, Bryan County, to furnish water; forthcoming rate changes will be made according to the specific terms set forth in the most recent contract executed with both parties respectively.

WHEREAS, Durant City Code, Chapter 51, § 51.45(A) requires that a public hearing be held prior to fixing rates and then such resolution setting forth new rates be published, in the same manner as an ordinance, before the new rates become effective.

NOW, THEREFORE BE IT RESOLVED by the Trustees of the Durant City Utilities Authority that the following rate increases shall apply to the current utility rate schedules for water, sanitary sewer, and solid waste collection and disposal, and all other related fees for utility related services as detailed in the new rate schedule labeled "Attachment A" and will be attached to this resolution:

1. *Water Rates of the Durant City Utilities Authority*: The base rate for the first two thousand gallons consumed by residential customers inside city limits will remain the same at \$12.45 with the exception of the base rate for sprinkler meters which will increase by 20% inside and outside city limits. The base rate for the first two thousand gallons consumed by commercial customers inside and outside city limits in addition to residential customers outside city limits

will be increased by 20%. The volumetric rates charged per thousand gallons after the first two thousand gallons used by all customers will be increased by 20%.

2. *Sanitary Sewer Rates of the Durant City Utilities Authority:* Sanitary sewer rates shall be adjusted to equal water rates for each respective customer class.
3. *Solid Waste Collection and Disposal Rates of the City Utilities Authority:* Rates applicable to the following sanitation service categories will remain unchanged from the current rate structure in effect as of November 10, 2015:
 - Residential Polycart Service Inside City Limits (first polycart only)
 - All Construction and Demolition Landfill rates with the exception of Transfer Station Fees
 - Excess Waste Collection ChargesRates applicable to the following sanitation service categories will be increased by the following percentages:
 - All Rolloff Rates - 15%.
 - Transfer Station Fees, Dumpster Rates and Compactor Rates - 20%.
 - Residential Polycart Service Outside City Limits and All Commercial Polycart Service- 20%
4. *Water and Sanitary Sewer Distribution System Related Service Rates of the Durant City Utilities Authority:* Increase rates by 25% on all water and sanitary sewer distribution system related service rates across the board.
5. *Industrial Pretreatment Service Rates of the Durant City Utilities Authority:* Increase rates by 25%.

AND BE IT FURTHER RESOLVED that the effective date of all rate increases specified in this Resolution shall be January 1, 2016.

PASSED AND APPROVED this **10th** day of November, 2015, by the Trustees of The Durant City Utilities Authority.

STEWART HOFFMAN, Chairman
The Durant City Utilities Authority

ATTEST:

Cynthia J. Price, Secretary
The Durant City Utilities Authority

Durant City Utility Authority
Utility Rates Effective January 1, 2016
Resolution No. 2015-38

Attachment A

Section 1 - Water Rates:	Current	PROPOSED
Residential Inside City Limits:		
First 2000 gallons	\$12.45	\$12.45
Next 1000 gallons	\$3.00	\$3.60
Next 1000 gallons	\$3.15	\$3.80
Next 1000 gallons	\$3.25	\$3.90
All over 5,000 gallons, rate per 1000 gallons	\$3.15	\$3.80
Commercial Inside City Limits AND All Sprinkler Meters:		
First 2000 gallons	\$12.45	\$14.95
Next 1000 gallons	\$3.00	\$3.60
Next 1000 gallons	\$3.15	\$3.80
Next 1000 gallons	\$3.25	\$3.90
All over 5,000 gallons, rate per 1000 gallons	\$3.15	\$3.80
Commercial & Residential Outside City Limits		
First 2000 gallons	\$14.95	\$17.95
Next 1000 gallons	\$3.55	\$4.25
Next 1000 gallons	\$3.75	\$4.50
Next 1000 gallons	\$3.90	\$4.70
All over 5,000 gallons, rate per 1000 gallons	\$3.75	\$4.50
Rural Water District Rates: Set by Contract		
Industrial Water Rate (Ref. Resolution No. 2005-33)		
1. If usage is less than one (1) million gallons per month, the customer will be charged the regular commercial water rate.		
2. If usage is one (1) million gallons or more per month, all water usage will be charged at a 20% discount off the regular commercial rates.		
3. Industrial rate customers shall agree to purchase a minimum of 500,000 gallons of water per month in order to qualify for the industrial water rate.		
Conditions for Industrial Water Rate (Ref. Resolution No. 2005-33)		
1. The industrial customer is located within the city limits of the City of Durant.		
2. The industrial customer utilizes all available city services, which are in addition to water service, to include sanitary sewer service and solid waste collection service.		
3. The industrial customer is located in an industrial zone and is engaged in manufacturing or processing.		
Section 2 - Sanitary Sewer Rates:	Current	PROPOSED
Residential Inside City Limits:		
First 2000 gallons	\$12.20	\$12.45
Next 1000 gallons	\$1.90	\$3.60
Next 1000 gallons	\$2.00	\$3.80
Next 1000 gallons	\$2.10	\$3.90
All over 5,000 gallons, rate per 1000 gallons	\$2.00	\$3.80
Commercial Inside City Limits:		
First 2000 gallons	\$12.20	\$14.95
Next 1000 gallons	\$1.90	\$3.60
Next 1000 gallons	\$2.00	\$3.80
Next 1000 gallons	\$2.10	\$3.90
All over 5,000 gallons, rate per 1000 gallons	\$2.00	\$3.80
Commercial & Residential Outside City Limits		
First 2000 gallons	\$14.70	\$17.95
Next 1000 gallons	\$2.35	\$4.25
Next 1000 gallons	\$2.55	\$4.50
Next 1000 gallons	\$2.70	\$4.70
All over 5,000 gallons, rate per 1000 gallons	\$2.55	\$4.50
Summer Residential Sewer Rates:		
Residential sewer customers whose sewer bill is based on water consumption, sewer charges shall be based on a maximum water usage of 10,000 gallons for the months of May, June, July, August		
Sanitary Sewer Rates for Customers Not Connected to City Water Service: Customers shall be charged based on RWD reported water usage.	Current	PROPOSED
If water usage information is not available, a flat charge shall apply as follows:		
-residential customers inside the city limits of Durant.	\$19.40	\$23.30
-residential customers outside the city limits of Durant.	\$23.30	\$27.95

Resolution 2015-38

Minimum Utility Bills: (Less than 2000 gallons per month, includes water and sewer service, and one polycart)	Current Minimum Bill	PROPOSED @2000gpa
Residential Inside City Limits	\$45.00	\$45.25
Commercial Inside City Limits	\$45.00	\$54.75
Residential Outside City Limits	\$54.05	\$65.20

Section 3 - Water & Sewer Distribution System Rates:	Current	PROPOSED
Water Tap Fees		@ 25%
3/4"	\$700.00	\$875.00
1"	\$810.00	\$1,012.50
1 1/2"	\$1,370.00	\$1,712.50
2"	\$1,530.00	\$1,912.50
(1) All Water Tap Fees are in addition to the current cost of the meter. (2) Less \$75.00 charge for any new waterline with an open ditch (New Subdivision with prior approval only). (3) Street Cut or Road Bore Fees shall be in addition to Water Tap Fees and equal to \$6.00 per inch/foot for 2" through 10" diameter, plus current cost of encasement. (4) Fees for Water Taps over 2" and meter costs will be set by the Water M & O Superintendent.		

Sewer Tap Fees	Current	PROPOSED
		@ 25%
4"	\$745.00	\$931.25
6"	\$1,115.00	\$1,393.75
8"	\$1,485.00	\$1,856.25
(1) Plus a Maintenance Fee of \$13.00 per foot (from tap to service line). (2) Excessive Depth Fee: \$13.00 per linear foot for each 5 feet, or portion thereof, (3) Less \$75.00 charge for any new sewer line with an open ditch (applies to new (4) All users connecting to a sewer line extension which is funded in part by the City of Durant, either by cash expenditure or the furnishing of labor in constructing said extension, shall pay a connection fee of \$1,061.00 for connecting to said sewer line extension.		

FEE DESCRIPTION	REPEALING RESOLUTION	DATE RESOLUTION PASSED	ORDINANCE	DATE ORDINANCE PASSED	Current	PROPOSED @ 25%
Subdivision Development Water/Sewer Connection Inspection- Per Tap	2007-17	03/13/2007	54.002	04/10/2007	150	\$188.00
Water Main & Sub-main Installation Permit Fee	NONE	N/A	52.004	1993	0	\$100.00
Water Main & Sub-main Installation Plan Review- Per Hour	NONE	N/A	52.005	1993	0	\$50.00
Water Main & Sub-main Installation Testing- Per Hour	NONE	N/A	52.005	1993	0	\$50.00
Water Main & Sub-main Installation Inspection- Per Hour	NONE	N/A	52.005	1993	0	\$50.00
Collection Line Cleaning- Excessive Grease- Per Hour	2000-31	06/13/2000	54.002	04/10/2007	100.00	\$125.00
Meter On/Off- After Hours	2012-06	03/13/2012	50.001	1993	0.00	\$50.00
Pop-off Valve Installation & Inspection	2009-10	04/14/3009	54.043	04/10/3007	30.00	\$38.00

Section 4 - Solid Waste Collection and Disposal Rates:	Current	PROPOSED
Monthly Polycart Rates Inside City Limits:		
Residential Polycart (first cart)	\$20.35	\$20.35
Residential Polycart (additional carts - each)	\$9.55	\$11.45
Commercial Polycart (first cart)	\$20.70	\$24.85
Commercial Polycart (additional carts - each)	\$9.55	\$11.45
Monthly Polycart Outside City Limits:	Current	PROPOSED
Residential Polycart (first cart)	\$24.40	\$29.30
Residential Polycart (additional carts - each)	\$11.40	\$13.70
Commercial Polycart (first cart)	\$24.90	\$29.90
Commercial Polycart (additional carts - each)	\$11.40	\$13.70
Polycart Replacement Fee Approved 10/18/2010	\$75.00	\$90.00
Polycart Out of Place Fee Approved 10/18/2010	\$5.00	\$6.00
Extra Dump on Polycart Ref. Resolution 2011-30	\$21.50	\$25.80

ment A

Landfill and Transfer Station Rates:			Current	PROPOSED
Transfer Station Rate (minimum charge)			\$15.25	\$18.30
Transfer Station Charge per Ton (incl DEQ fee)			\$60.60	\$72.72
C&D Landfill (minimum charge)			\$14.50	\$14.50
C&D Landfill Charge per Ton (incl DEQ fee)			\$37.95	\$37.95
Concrete Disposal Fee Per Ton			\$15.00	\$15.00
Appliance w/ Freon			\$31.45	\$31.45
Freon Evacuation & Reclamation			\$25.00	\$25.00
Appliance w/out Freon			\$15.75	\$15.75
Tires (Each up to 17")			\$3.90	\$3.90
Tires (Each 17" and larger)			\$9.50	\$9.50
Fill Dirt Disposal- Per Ton			\$10.80	\$10.80
Landfill Gate Fees- Governmental & Non-Profit Rate- Ref. Resolution 1999-17			\$18.98	\$18.98
Free collection (limited quantities and types) of excess household and yard wastes are offered to residential customers (single home dwellings and duplexes) on a scheduled basis twice monthly. Residences must be currently occupied to be eligible for free collection service. Multi-family housing units (four or more) are not considered eligible. Excess household and yard waste placed curbside for pickup by city personel will result in the following charges and are not considered eligible items for the free collection service referenced above.				
Excess Waste Collection Charges- Ref. Resolutions 2000-35 & 2011-45			Current	No Change
Excess Refuse Collection (Upon Request or Other than Regularly Scheduled Extra Hauling Day or Amounts of Refuse which Exceed a 1-ton flat bed truck load) - Flat Rate Per Trip			\$49.50	\$49.50
Solid Waste Collection Extra Hauling Fee- Tires (Up to 17")			\$6.00	\$6.00
Solid Waste Collection Extra Hauling Fee- Tires (17" and Larger)			\$13.00	\$13.00
Solid Waste Collection Extra Hauling Fee- Furniture Per Piece			\$27.70	\$27.70
Solid Waste Collection Extra Hauling Fee- Appliances (Per Unit)			\$27.70	\$27.70
Solid Waste Collection Extra Hauling Fee- Freon Laden Appliances (Per Unit)			\$30.40	\$30.40
Scheduled Collection Monthly Dumpster Rates- (Inside & Outside City Limits)		No. Collections Per Week	Current	PROPOSED
				@ 20%
2-YD Dumpster- Per Container	1		\$57.60	\$69.10
2-YD Dumpster- Per Container	2		\$115.20	\$138.25
2-YD Dumpster- Per Container	3		\$172.80	\$207.35
2-YD Dumpster- Per Container	4		\$230.40	\$276.50
2-YD Dumpster- Per Container	5		\$288.00	\$345.60
4-YD Dumpster- Per Container	1		\$115.20	\$138.25
4-YD Dumpster- Per Container	2		\$230.40	\$276.50
4-YD Dumpster- Per Container	3		\$345.60	\$414.70
4-YD Dumpster- Per Container	4		\$460.80	\$552.95
4-YD Dumpster- Per Container	5		\$576.00	\$691.20
6-YD Dumpster- Per Container	1		\$172.80	\$207.35
6-YD Dumpster- Per Container	2		\$345.60	\$414.70
6-YD Dumpster- Per Container	3	Resolution 2015-38	\$518.40	\$622.10

6-YD Dumpster- Per Container	4		\$691.20	\$829.45
6-YD Dumpster- Per Container	5		\$864.00	\$1,036.80
10-YD Dumpster- Per Container	1		\$288.00	\$345.60
10-YD Dumpster- Per Container	2		\$576.00	\$691.20
10-YD Dumpster- Per Container	3		\$864.00	\$1,036.80
10-YD Dumpster- Per Container	4		\$1,152.00	\$1,382.40
10-YD Dumpster- Per Container	5		\$1,440.00	\$1,728.00
Additional Collection for 2-YD Dumpster- Per Event			\$70.50	\$84.60
Additional Collection for 4-YD Dumpster- Per Event			\$141.00	\$169.20
Additional Collection for 6-YD Dumpster- Per Event			\$211.50	\$253.80
Additional Collection for 10-YD Dumpster- Per Event			\$352.50	\$423.00
Cardboard Disposal Dumpster Rates:2-YD. Dumpster (1 dump/wk - Clean - Rate Per Month)			\$28.00	\$33.60
Cardboard Disposal Dumpster Rates:2-YD. Dumpster (1 dump/wk - Unclean - Rate Per Month)			\$56.00	\$67.20
Cardboard Disposal Dumpster Rates:2-YD. Dumpster (1 dump/wk - Clean - Rate Per Month)- Governmental & Non-Profit Rate			\$14.00	\$16.80
Scheduled Collection of Municipal Solid Waste Monthly Rolloff Rates- (Inside & Outside City Limits)	No. Collections Per Week		Current	PROPOSED
				@ 15%
20-YD Rolloff- Per Container	1		\$549.45	\$631.85
20-YD Rolloff- Per Container	2		\$1,098.90	\$1,263.75
20-YD Rolloff- Per Container	3		\$1,648.35	\$1,895.60
20-YD Rolloff- Per Container	4		\$2,197.80	\$2,527.45
20-YD Rolloff- Per Container	5		\$2,747.25	\$3,159.35
30-YD Rolloff- Per Container	1		\$824.17	\$947.80
30-YD Rolloff- Per Container	2		\$1,648.34	\$1,895.60
30-YD Rolloff- Per Container	3		\$2,472.51	\$2,843.40
30-YD Rolloff- Per Container	4		\$3,296.68	\$3,791.20
30-YD Rolloff- Per Container	5		\$4,120.85	\$4,739.00
40-YD Rolloff- Per Container	1		\$1,098.90	\$1,263.75
40-YD Rolloff- Per Container	2		\$2,197.80	\$2,527.45
40-YD Rolloff- Per Container	3		\$3,296.70	\$3,791.20
40-YD Rolloff- Per Container	4		\$4,395.60	\$5,054.95
40-YD Rolloff- Per Container	5		\$5,494.50	\$6,318.65
ON DEMAND Collection of C&D Waste Rolloff FLAT RATE Per Collection* VARIABLE BILLING- (Inside & Outside City Limits)			Current	PROPOSED
				@ 15%
20-YD Rolloff- Per Collection Event			\$362.20	\$416.55
30-YD Rolloff- Per Collection Event			\$543.30	\$624.80
40-YD Rolloff- Per Collection Event			\$648.35	\$745.60

ON DEMAND Collection of C&D Waste LARGE SCALE CONSTRUCTION PRICING Rolloff FLAT RATE Per Collection** VARIABLE BILLING- (Inside & Outside City Limits) Ref. Resolution 2013-24	Current	PROPOSED
		@ 15%
20-YD Rolloff- Per Collection Event	\$267.00	\$307.05
30-YD Rolloff- Per Collection Event	\$400.00	\$460.00
40-YD Rolloff- Per Collection Event	\$535.00	\$615.25
**Special rate for large scale construction (spending in excess of \$200,000 per year for rolloff / disposal charges). Rolloff / disposal unit prices shall be based on per month or per dump whichever occurs first and are subject to weight limits only to the extent to enable the rolloff to be picked up and transported. Ref. Resolution 2013-24		
*One Dump or Pick-up for Each Rolloff Container Must be made Every 30 Days or the Following Equipment Fee will be Applied: Ref. Resolution 2005-31		
20-yd Rolloff	\$181.20	\$208.40
30-yd Rolloff	\$271.65	\$312.40
40-yd Rolloff	\$324.20	\$372.85
Charge for Relocating Rolloff Container for Customer- Ref. Resolution 2005-31	\$60.00	\$69.00

ON DEMAND Collection COMMERCIAL SELF-CONTAINED WASTE COMPACTOR FLAT RATE Per Collection* VARIABLE BILLING- (Inside & Outside City Limits) Ref. Resolution 2008-40	Current	PROPOSED
		@ 20%
Compactor Pricing- 20-yd Self Contained	\$380.40	\$456.50
Compactor Pricing- 30-yd Self Contained	\$570.55	\$684.65
Compactor Pricing- 40-yd Self Contained	\$760.75	\$912.90
*One Dump or Pick-up Must be made Every 30 Days or Minimum Equipment Fee Applies		

ON DEMAND Collection PRIVATELY OWNED WASTE COMPACTOR FLAT RATE Per Collection* VARIABLE BILLING- (Inside & Outside City Limits) Ref. Resolution 2013-10	Current	PROPOSED
		@ 20%
Owner Provided Compactor Pricing- 4-yd	\$57.60	\$69.10
Owner Provided Compactor Pricing- 8-yd	\$115.20	\$138.25
Owner Provided Compactor Pricing- 16-yd	\$230.40	\$276.50
Owner Provided Compactor Pricing- 20-yd	\$288.00	\$345.60
Owner Provided Compactor Pricing- 30-yd	\$432.00	\$518.40
Owner Provided Compactor Pricing- 40-yd	\$575.86	\$691.05
*One Dump or Pick-up Must be made Every 30 Days or Minimum Equipment Fee Applies		

Section 5 - Industrial Pretreatment Rates:

FEE DESCRIPTION	REPEALING RESOLUTION	DATE RESOLUTION PASSED	ORDINANCE	DATE ORDINANCE PASSED	Current	PROPOSED
						@ 25%
Bacteriological Total Coliform Water Testing- 1 Sample	2010-22	10/12/2010	50.001	1993	25	\$31.25
Bacteriological Total Coliform Water Testing- 2 or more Samples	2010-22	10/12/2010	50.001	1993	20	\$25.00
Industrial Pretreatment Wastewater Discharge Permit Application Fee	2010-22	10/12/2010	50.001	1993	250	\$312.50
Annual Industrial Pretreatment Permit Fee	2010-22	10/12/2010	50.001	1993	100	\$125.00
Industrial Pretreatment Permit Modification Fee	2010-14	06/08/2010	53.048	11/12/2002	25	\$31.25
Accidental Discharge Procedure/Construction Plan Review- Per Plan	2010-14	06/08/2010	53.032	11/12/2002	25	\$31.25
Industrial Pretreatment Appeal Filing Fee	2010-14	06/08/2010	53.067	11/12/2002	25	\$31.25
Routine Pretreatment Facility Inspection	2010-14	06/08/2010	53.110	11/12/2002	75	\$93.75
Requested Pretreatment Facility Inspection	2010-14	06/08/2010	53.110	11/12/2002	100	\$125.00
Industrial Pretreatment Onsite Consultations	2010-14	06/08/2010	53.110	11/12/2002	40	\$50.00
Night, Weekend, Holiday Pretreatment Inspection Fee	2010-14	06/08/2010	53.110	11/12/2002	75	\$93.75
After Hours Industrial Visit	2010-14	06/08/2010	53.110	11/12/2002	50	\$62.50
Industrial Pretreatment Grab Sample Collection	2010-14	06/08/2010	53.110	11/12/2002	25	\$31.25
Industrial Pretreatment 24-Hr Composite Sample Collection	2010-14	06/08/2010	53.110	11/12/2002	25	\$31.25
Industrial Pretreatment Analytical Testing/ Shipping	2010-14	06/08/2010	53.045	11/12/2002	Actual Cost	Actual Cost
Industrial Pretreatment Code Enforcement Administrative Fee	2010-14	06/08/2010	53.125	11/12/2002	200	\$250.00
Excessive Strength FOG Surcharge- Per lb.	2010-14	06/08/2010	53.190	11/12/2002	0.50	\$0.65
Excessive Strength BOD₅ Surcharge- Per lb.	2010-14	06/08/2010	53.190	11/12/2002	0.40	\$0.50
Excessive Strength TSS Surcharge- Per lb.	2010-14	06/08/2010	53.190	11/12/2002	0.30	\$0.40
Commercial Septic Waste Disposal Permit	2013-19	08/13/2013	53.033	11/12/2002	250.00	\$312.50
Commercial Septic Waste Disposal Discharge- Flat Rate or 0.05/gal. (whichever is greater)	2013-19	08/13/2013	53.033	11/12/2002	100.00	\$125.00

**RESOLUTION 2015-38 IMPACT ON UTILITY BILLING
FOR RESIDENTIAL CUSTOMERS
INSIDE CITY LIMITS**

RESIDENTIAL CUSTOMERS INSIDE CITY LIMITS	CURRENT Monthly Bill TOTAL	PROPOSED Monthly Bill TOTAL	\$ Difference	% Change	ANNUAL INCREASE
Residential Customers Using 0-1,999 gal per month with one polycart	\$ 45.00	\$ 45.25	\$ 0.25	1%	\$ 3.00
Residential Customers Using 2,000-2,999 gal per month with one polycart	\$ 49.90	\$ 52.45	\$ 2.55	5%	\$ 30.60
Residential Customers Using 3,000-3,999 gal per month with one polycart	\$ 55.05	\$ 60.05	\$ 5.00	9%	\$ 60.00
Residential Customers Using 4,000-4,999 gal per month with one polycart	\$ 60.40	\$ 67.85	\$ 7.45	12%	\$ 89.40
Residential Customers Using 5,000-5,999 gal per month with one polycart	\$ 65.55	\$ 75.45	\$ 9.90	15%	\$ 118.80

Base Rate for Water will remain at \$12.45 for less than 2,000 gallons NO CHANGE

Volumetric Water Rate charged per 1,000 gallons will go up 20%

Base Rate for Sanitary Sewer will increase \$0.25 for less than 2,000 gallons

Volumetric Sanitary Sewer Rate charged per 1,000 gallons will be equal to rates charged for water

Monthly Polycart Charge for first polycart will NOT CHANGE

Minimum Utility Bill in DURANT, OK	\$ 45.25
Minimum Utility Bill in ADA, OK	\$ 58.18
Minimum Utility Bill in ARDMORE, OK	\$ 45.44