

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**

June 11, 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 May 14, 2019
- b. Consider Accepting and Easement from Iris J Pearson for the Maintenance and Access to a Sewer Line Located off of South 9th Avenue in Durant, Ok

2. Consider Items Removed from Consent

3. Information Items

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

4. Administration

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 4:47 p.m. on the 7th day of June, 2019..

Cynthia J. Price, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 6/3/2019
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of May 14, 2019

Council Information / Action Requested

Approval of Regular Meeting Minutes of May 14, 2019

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

ATTACHMENTS:

Description	Type	Upload Date
Minutes 5.14.2019	Exhibit	6/3/2019

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 3:40 p.m. on the 10th day of May, 2019.

**MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY
UTILITIES AUTHORITY OF May 14, 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 8:12 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 April 9, 2019

Approved

Motion was made by Steve Brittingham and seconded by Mike Morris to approve consent item as presented.

Motion Passed with the following vote:

Ayes: Morris, Sherrer, Tomlinson, Brittingham, Grube

2. Consideration Items Removed from Consent

3. Information Items

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

4. Administration

Adjournment

Motion was made by Danny Sherrer and seconded by Steve Brittingham to adjourn meeting.

Motion Passed with the following vote:

Ayes: Morris, Sherrer, Tomlinson, Brittingham, Grube



The City of Durant

Public Works Director

Memorandum

Date: 5/31/2019
To: Utilities Authority
From: Marty Cook - Public Works Director
Re: Consider Accepting and Easement from Iris J Pearson for the Maintenance and Access to a Sewer Line Located off of South 9th Avenue in Durant, Ok

This is an easement that is for an old sewer line that serves a business on South 9th Avenue. We recently discovered that we needed access due to some maintenance issues associated with the business and their sanitary sewer. This was most likely an oversight many years ago and we are trying to correct the access and maintenance issues.

Council Information / Action Requested

Approve Easement

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

ATTACHMENTS:

Description	Type	Upload Date
Easement	Cover Memo	5/31/2019

UTILITY EASEMENT

KNOW ALL MEN BY THESE PRESENTS: THAT Iris J Pearson, an individual, Grantor, does hereby grant and warrant unto The Durant City Utilities Authority, an Oklahoma Public Trust, Grantee, its successors and assigns, the right, privilege and authority to enter upon and install, construct, operate, maintain, and reconstruct underground sewer distribution systems, including the right of ingress and egress to and from said system across adjoining lands of Grantor, together with the authority to cut down, control the growth of, or trim and keep trimmed any trees that may, in the judgment of the Grantee interfere with or endanger said line or its maintenance or operation.

The real property covered by this casement is situated in BRYAN County, State of Oklahoma, and is described as follows:

" Insert Legal here"

Grantor further covenants agrees that no building or other structure shall ever be erected nor shall any excavation or other removal of soil, so as to change the grade of terrain, be accomplished by Grantor, Its heirs or assigns, within the above described casement area unless the written consent of the Grantee Is first obtained. Grantor further acknowledges the requirements of 63 Oklahoma Statutes (2011) Section 142.1, ct. seq. (One-call statute).

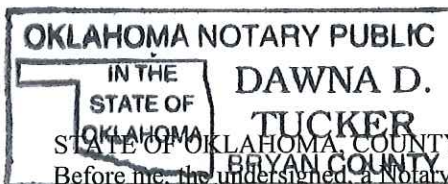
Grantor hereby consents to permit Grantee to trim and keep trimmed any trees and foliage on Grantor's property immediately adjacent to the easement granted herein, and Grantee shall have the right to enter upon Grantor's property for this purpose.

The rights and privileges above granted to continue so long as some are used or needed for the distribution of sewer; but should the Grantee remove its property from the premises and abandon the right of way herein granted, then the rights granted in this easement shall terminate.

Signed and delivered this _____ day of June, 2019.

Iris J. Pearson
Iris J. Pearson
Owner
Grantor

Oden Grube
Chairperson
The Durant City Utilities Authority
An Oklahoma Public Trust



ACKNOWLEDGMENT

STATE OF OKLAHOMA, COUNTY OF BRYAN SS;
Before me, the undersigned, a Notary Public, in and for said County and State, on this 28th day of May, 2019, personally appeared Oden Grube, Chairman of The Durant City Utilities Authority, an Oklahoma Public Trust, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his free and voluntary act and deed of such trust, for the uses and purposes set forth.

Witness my hand and seal the day and year last above written.

My Commission Expires: 4-25-21

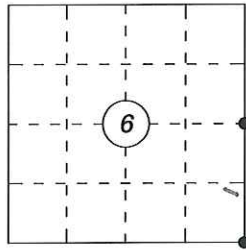
Dawna D. Tucker

Commission # 01005421

Notary Public

EASEMENT SURVEY PLAT A PART OF SECTION 6 T7S R9E BRYAN COUNTY, OKLAHOMA

LOCATION & SURVEY CONTROL MAP
SECTION 6 T7S R9E



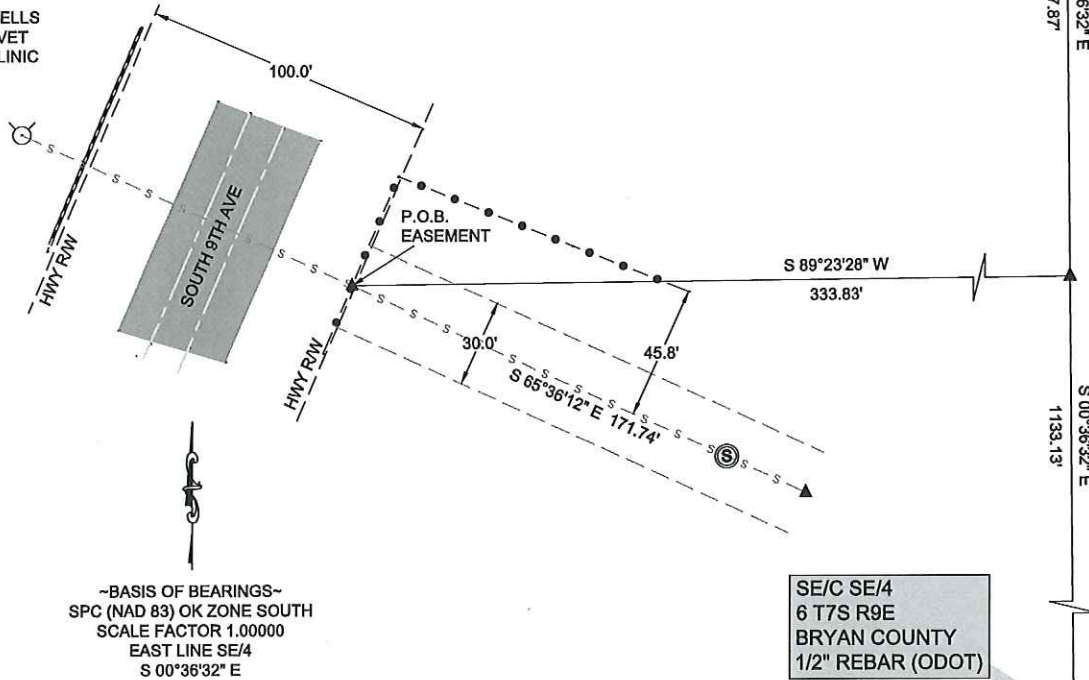
LEGEND

These standard symbols will
be found in the drawing.

- 1/2" REBAR FOUND
- ▲ CALCULATED POINT
- SEWER CLEANOUT
- ⊙ SEWER MANHOLE
- - - - - EASEMENT BOUNDARY LINE
- - - - - EXISTING SEWER LINE
- · - · - CHAINLINK FENCE
- ===== PIPE FENCE

NE/C SE/4
6 T7S R9E
BRYAN COUNTY
1/2" REBAR (ODOT)

WELLS
VET
CLINIC



GENERAL SURVEY NOTES:

SUBJECT TO EASEMENTS AND/OR RIGHT-OF-WAYS,
EITHER RECORDED, OR IMPLIED, THEREOF.

THIS SURVEY WAS PERFORMED FOR THE BENEFIT
OF DAVID WELLS, ANY OTHER USE OF
THIS PLAT IS PROHIBITED.

THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE
USE OF THE CLIENT(S) AND DOES NOT EXTEND TO
ANY UNNAMED PERSON(S) WITHOUT EXPRESS
RECERTIFICATION BY SURVEYOR NAMING SAID PERSON(S).

THIS IS NOT A VALID SURVEY WITHOUT THE SURVEYORS
HAND WRITTEN SIGNATURE AND DATE.

THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF AN
ABSTRACT OR TITLE OPINION.

THIS PLAT AND SURVEY MEETS THE OKLAHOMA MINIMUM
STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS
ADOPTED BY THE OKLAHOMA STATE BOARD OF LICENSURE
FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

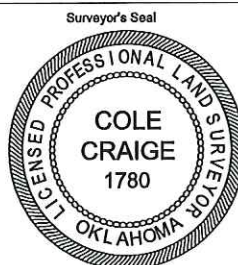
CRAIGE SURVEYING L.L.C. COPYRIGHT 2019.

CRAIGE SURVEYING L.L.C.

P.O. BOX 383 BOKCHITO, OK 74728
(580) 295-2404
CA # 8165, PLS # 1780
craigesurveying@gmail.com
colecraigpls.com

DAVID WELLS
DURANT, OK

A PART OF SECTION
6 T7S R9E
BRYAN CO. OKLAHOMA



I, COLE CRAIGE, A LICENSED PROFESSIONAL LAND SURVEYOR NO. 1780 IN THE
STATE OF OKLAHOMA, DO HEREBY CERTIFY TO DAVID WELLS THAT THIS EASEMENT
SURVEY PLAT, PREPARED UNDER MY DIRECT SUPERVISION, ACCURATELY
REPRESENTS A PARCEL OF LAND DESCRIBED AS BEING:

A 30.00 FOOT WIDE SEWER LINE EASEMENT BEING A PART OF THE SE/4 OF SECTION
6, TOWNSHIP 7 SOUTH, RANGE 9 EAST OF THE INDIAN BASE AND MERIDIAN, BRYAN
COUNTY, OKLAHOMA; CENTERLINE BEING MORE PARTICULARLY DESCRIBED BY
METES AND BOUNDS AS FOLLOWS:

COMMENCING AT THE NE/C OF SAID SECTION 6;
THENCE S 00°36'32" E ALONG THE EAST LINE OF THE SE/4 A DISTANCE OF 1507.87
FEET;
THENCE S 89°23'28" W A DISTANCE OF 333.83 FEET TO A POINT ON THE EAST RIGHT
OF WAY OF HIGHWAY 69 BEING THE POINT OF BEGINNING;
THENCE S 65°36'12" E FOLLOWING AN EXISTING SEWER LINE AND PASSING
THROUGH AN EXISTING MANHOLE FOR A DISTANCE OF 171.74 FEET TO THE POINT
OF ENDING;

THE ABOVE LEGAL DESCRIPTION WAS PREPARED BY COLE CRAIGE, P.L.S. #1780, ON
MAY 7, 2019, ALL BEARINGS ARE GRID BEARINGS (NAD 83) DERIVED BY
DIFFERENTIAL G.P.S. THE BASIS OF BEARINGS FOR THIS LEGAL DESCRIPTION IS
S 00°36'32" E ALONG THE EAST LINE OF THE SE/4 OF SECTION 6, TOWNSHIP 7 SOUTH,
RANGE 9 EAST OF THE INDIAN BASE AND MERIDIAN, BRYAN COUNTY, OKLAHOMA.

5-7-19
DATE

Cole Craige
COLE CRAIGE PLS # 1780

SURVEY INFO.	REVISION/ISSUE REVISION DATE
SURVEY ORDERED- 4-7-19	1.
FIELDWORK DATE(S)- 5-7-19	2.
SURVEY PLAT COMPLETE- 5-7-19	3.
DATE OF LAST VISIT 5-7-19	4.
SCALE 1" = 50'	SHEET 1 OF 1
CRD FILE: C:\DRAWINGS\T7S R9E\SECTION 6\11-9-19.crd DWG FILE: T7S R9E\SECTION 6\DAVID WELLS EASEMENT 5-7-19.dwg	



The City of Durant

Solid Waste Landfill

Memorandum

Date: 6/3/2019
To: Utilities Authority
From: Kenny Cooper, Supervisor, Solid Waste
Landfill
Re: Landfill Information and Reports - May 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
Project Schedule - May 2019	Exhibit	6/4/2019
DEQ Monthly Report - May 2019	Exhibit	6/4/2019



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***May 2019***

A. Work Completed for May:

1. Covered C & D Site
2. Hauled MSW To SORD
3. picked up 332 rolloff's & 22 delivered

B. Work Planned For June:

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.



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: MAY 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: 25

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	5.43									
2	11.89									
3	25.9									
4	5.47									
5										
6	147.62									
7	154.49									
8	5.69									
9	45.16									
10	59.91									
11	0.24									
12										
13	115.06									
14	264.86									
15	388.2									
16	362.69									
17	314.92									
18	5.98									
19										
20	100.43									
21	12.02									
22	90.42									
23	202.6									
24	113.01									
25										
26										
27										
28	276.62									
29	170.96									
30	82.95									
31	127.87									
Total	3090.39	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: Young Cooper

Phone #: 580-924-8358

Date: 6-4-19



The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 6/5/2019
To: Utilities Authority
From: Albert Pierce, Solid Waste Department
Superintendent
Re: Solid Waste Department Monthly Report - May 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 Department Monthly Report - May 2019	Exhibit	6/5/2019



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS SCHEDULE ***May 2019***

A. Work Completed:

1. Hauled 79.20 tons of extra hauling
2. Hauled 60 loads of extra hauling
3. Picked up and delivered 20 sharps
4. One abatement this month
5. Cleaned Sunny Side rd. 2 time
6. Refurbished dumpsters
7. Replaced 9 dumpsters with new
8. Cleaned dead ends of Cemetery rd. 2 time

B. Work Planned For June

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: 6/4/2019
To: Utilities Authority
From: Stephanie Barfield, Utility Department Billing
Supervisor
Re: Utility Department Monthly Report - May 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 - May 2019	Exhibit	6/4/2019



Monthly Utility Billing, Cash Collection, And Consumption Summary

MAY 2019

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	6847		5983		6337	
Total Revenue Billed	\$302,424.34	\$868,897.58	\$205,527.41	\$602,706.84	\$369,488.66	\$4,288,312.67
Adjustments in Dollar	(\$422.63)	(\$44,307.34)	(\$410.18)	(\$149,746.79)	(\$526.83)	(\$76,833.71)
TOTAL CASH RECEIPTS	\$194,480.67	\$3,176,163.02	\$111,924.19	\$2,005,703.31	\$220,371.34	\$3,624,517.99

CONSUMPTION IN GALLONS	83,740,700
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NEW SERVICE APPLICATIONS	186
NUMBER OF WALK IN/PHONE PAYMENTS	1,731
MAIL PAYMENTS	1,443
CREDIT CARD PAYMENTS	942
WEB PAYMENTS	988
DROP BOX PAYMENTS	422
BANK DRAFT PAYMENTS	802
CREDIT CARD DRAFT PAYMENTS	194
KIOSK	860
OTHERS	



The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 6/3/2019
To: Utilities Authority
From: Phillip Hightower, Water Treatment Plant
Re: Water Treatment Plant Monthly Reports - May 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
May MOR #1	Cover Memo	6/3/2019
May MOR #2	Cover Memo	6/3/2019
May CLO2 MOR	Cover Memo	6/3/2019
May Maintance Report	Cover Memo	6/3/2019

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: May-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		REMARK																																				
		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	4086.0	24	0	24	24	24	24	23	23	60.0	2600.0	0.0	40.0	0.0	260.0	0.0	200.0	120.0			216.0	118.0			248.0	204.0	7.4	6.7	6.7	244.0	232.00	278.00																																					
2	3942.0	24	0	24	24	23	23	24	24	50.0	3800.0	0.0	40.0	1650.0	260.0	0.0	260.0	100.0			108.0	96.0			132.0	134.0	7.2	6.8	8.4	234.0	104.00	168.00																																					
3	3908.0	24	0	24	24	24	24	24	24		3500.0	0.0	40.0	1375.0	260.0	0.0	220.0	100.0			68.0	72.0			102.0	84.0	7.2	7.5	7.6	158.0	88.00	120.00																																					
4	3893.0	23	0	23	23	24	24	24	24	90.0	2700.0	0.0	40.0	1925.0	300.0	0.0	260.0	100.0			84.0	82.0			70.0	64.0	6.8	7.0	7.0	106.0	74.00	90.00																																					
5	3964.0	24	0	23	24	24	24	24	23	85.0	2400.0	0.0	40.0	1100.0	300.0	0.0	220.0	100.0			84.0	86.0			62.0	70.0	7.4	7.7	6.7	74.0	80.00	74.00																																					
6	4106.0	23	0	23	23	24	24	24	24	75.0	3300.0	0.0	40.0	1375.0	300.0	0.0	240.0	120.0			84.0	230.0			70.0	70.0	7.3	7.8	7.2	72.0	82.00	86.00																																					
7	4110.0	23	0	23	23	23	23	24	24	135.0	3000.0	0.0	40.0	1375.0	300.0	0.0	240.0	120.0			230.0	260.0			174.0	188.0	7.3	7.1	7.2	82.0	268.00	180.00																																					
8	4362.0	24	0	24	24	24	24	24	24		4400.0	0.0	40.0	1375.0	300.0	0.0	240.0	120.0			264.0	222.0			216.0	224.0	7.6	7.3	7.8	160.0	254.00	226.00																																					
9	4045.0	12	0	12	12	24	24	23	23	135.0	4200.0	0.0	40.0	1375.0	300.0	0.0	100.0	80.0			104.0	120.0			174.0	96.0	6.9	7.2	6.7	200.0	102.00	192.00																																					
10	4116.0	0	0	0	0	0	23	23	24	24	70.0	3800.0	0.0	40.0	1513.0	300.0	0.0	140.0	100.0			160.0	180.0			130.0	124.0	6.8	6.6	7.0	160.0	178.00	166.00																																				
11	4186.0	0	0	0	0	24	24	23	23	75.0	3400.0	0.0	40.0	1375.0	300.0	0.0	140.0	80.0			190.0	200.0			178.0	186.0	7.0	6.8	6.9	132.0	214.00	224.00																																					
12	4215.0	0	0	0	0	23	23	24	24	55.0	3600.0	0.0	40.0	1237.0	300.0	0.0	140.0	80.0			188.0	208.0			170.0	164.0	7.4	7.1	7.1	170.0	194.00	192.00																																					
13	4190.0	0	0	0	0	23	23	23	23	110.0	2700.0	0.0	40.0	1375.0	300.0	0.0	120.0	80.0			228.0	246.0			188.0	208.0	7.5	6.9	7.1	176.0	222.00	212.00																																					
14	4224.0	0	0	0	0	23	23	23	23	133.0	2500.0	0.0	40.0	1375.0	300.0	0.0	120.0	80.0			248.0	272.0			226.0	248.0	7.4	7.2	7.4	208.0	240.00	238.00																																					
15	4619.0	0	0	0	0	23	23	23	23	123.0	2200.0	0.0	40.0	1238.0	300.0	0.0	140.0	120.0			276.0	292.0			268.0	260.0	8.0	7.8	7.4	226.0	190.00	262.00																																					
16	4906.0	4	0	4	4	24	24	24	24		2600.0	0.0	40.0	0.0	300.0	0.0	140.0	100.0			266.0	272.0			230.0	206.0	7.7	7.5	7.0	228.0	258.00	258.00																																					
17	4727.0	24	0	24	24	23	23	24	24	64.0	1800.0	0.0	40.0	0.0	300.0	0.0	140.0	100.0			270.0	296.0			240.0	236.0	7.9	7.3	7.5	232.0	260.00	276.00																																					
18	3852.0	24	0	24	24	24	24	24	24		3100.0	0.0	40.0	0.0	280.0	0.0	170.0	100.0			260.0	268.0			250.0	242.0	7.9	7.4	7.6	222.0	280.00	290.00																																					
19	3746.0	24	0	24	24	24	24	24	23	60.0	4000.0	0.0	40.0	963.0	280.0	0.0	170.0	100.0			106.0	134.0			204.0	200.0	6.9	6.9	7.9	228.0	120.00	250.00																																					
20	3943.0	23	0	23	23	24	24	24	24	90.0	3400.0	0.0	40.0	1513.0	280.0	0.0	160.0	100.0			158.0	148.0			130.0	124.0	7.4	7.0	7.4	230.0	152.00	168.00																																					
21	3978.0	24	0	24	24	23	23	24	24	70.0	3900.0	0.0	40.0	1237.0	280.0	0.0	180.0	100.0			190.0	206.0			156.0	136.0	7.5	7.5	7.7	140.0	190.00	166.00																																					
22	3981.0	24	0	24	24	24	24	23	23	70.0	4500.0	0.0	40.0	1375.0	280.0	0.0	180.0	120.0			114.0	170.0			138.0	124.0	7.5	7.5	6.9	120.0	120.00	176.00																																					
23	4276.0	23	0	23	23	24	24	24	24	105.0	3700.0	0.0	40.0	1375.0	280.0	0.0	160.0	100.0			208.0	196.0			138.0	150.0	7.5	7.2	7.0	170.0	202.00	176.00																																					
24	4398.0	24	0	24	24	23	23	23	23	120.0	3500.0	0.0	40.0	1375.0	280.0	0.0	160.0	100.0			160.0	186.0			164.0	150.0	7.6	7.5	7.9	128.0	208.00	210.00																																					
25	4382.0	24	0	24	24	24	24	24	24		4000.0	0.0	40.0	1788.0	280.0	0.0	180.0	120.0			214.0	222.0			158.0	168.0	7.6	7.4	7.3	152.0	238.00	220.00																																					
26	4712.0	23	0	23	23	24	24	24	24	105.0	2100.0	0.0	40.0	1100.0	300.0	0.0	160.0	120.0			250.0	268.0			196.0	200.0	7.9	7.5	7.4	150.0	250.00	230.00																																					
27	4747.0	24	0	24	24	23	23	24	24	70.0	2900.0	0.0	40.0	963.0	300.0	0.0	120.0	100.0			264.0	270.0			226.0	240.0	7.9	7.6	7.7	182.0	260.00	256.00																																					
28	4375.0	24	0	24	24	24	24	24	23	70.0	1800.0	0.0	40.0	275.0	280.0	0.0	140.0	100.0			270.0	282.0			226.0	246.0	7.9	7.4	7.1	210.0	256.00	262.00																																					
29	4342.0	23	0	23	23	24	24	24	24	105.0	3200.0	0.0	40.0	412.0	280.0	0.0	160.0	100.0			264.0	262.0			234.0	254.0	7.9	7.4	7.5	226.0	260.00	254.00																																					
30	4328.0	24	0	24	24	24	24	24	24		3700.0	0.0	40.0	825.0	280.0	0.0	140.0	100.0			150.0	190.0			240.0	230.0	7.5	7.4	7.7	248.0	190.00	282.00																																					
31	4318.0	24	0	24	24	23	23	24	24	65.0	2100.0	0.0	40.0	825.0	280.0	0.0	140.0	120.0			230.0	252.0			190.0	180.0	7.6	7.0	7.0	224.0	266.00	254.00																																					
Tot	130977.0	561		560	561	732	732	733	733	2190.0	98400.0		1240.0	33687.7	8940.0		5280.0	3180.0			5906.0	6306.0			5528.0	5410.0					6032.00	6436.00																																					
Avg	4225.1	24		24	24	24	24	24	24	87.6	3174.2		40.0	1086.7	288.4		170.3	102.6			190.5	203.4			178.3	174.5	7.5	7.3	7.3	177.2	194.58	207.61																																					
Power Costs											\$12,142.62																																																										
Labor Costs											\$49,250.80																																																										
Chemicals											\$19,817.76																																																										
Supplies											\$101.29																																																										
Repairs											\$18,611.28																																																										
Testing Cost											\$3,650.00																																																										
TOTAL											\$103,573.75																																																										
																				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)																																																	
																				% Wash Water Used										1.67%										Signed																													
																				Ave. Head Loss for Washing																				Title																													
Cost per thousand gallons																				\$0.79																														DEQ Form # 630-577 Revised 5/21/2018																			
																																																		Oper. Cert. No.																			

KS





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: May-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	0.14
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	10.37	1.90	3.20	6	0.04	0.09	0.05	0.09	0.12	0.12	2.84	2.91	3.25	2.81	2.46	2.92	1.93	2.23	
2	14.14	1.50	2.00	6	0.11	0.11	0.09	0.08	0.07	0.07	3.01	2.71	2.99	2.68	2.56	2.32	2.45	1.81	
3	81.35	2.50	2.60	6	0.05	0.04	0.04	0.04	0.03	0.03	2.48	2.81	2.85	2.83	2.64	2.60	1.57	1.51	
4	35.17	2.10	3.40	6	0.03	0.03	0.09	0.05	0.03	0.03	2.85	3.09	3.12	3.16	2.84	2.77	1.06	1.67	
5	32.78	2.10	4.40	6	0.13	0.08	0.06	0.07	0.13	0.12	2.95	3.15	3.18	3.08	2.58	2.66	1.49	1.86	
6	19.86	1.40	3.30	6	0.12	0.12	0.12	0.08	0.05	0.04	2.77	3.17	3.17	2.90	2.66	2.65	1.78	2.31	
7	44.77	1.20	2.60	6	0.08	0.04	0.04	0.07	0.12	0.03	2.83	3.07	3.08	2.87	2.71	3.05	1.86	2.02	
8	41.42	1.20	3.00	6	0.03	0.04	0.04	0.04	0.04	0.03	3.06	3.22	3.21	3.20	3.17	2.99	1.40	2.06	
9	209.30	1.90	2.40	6	0.08	0.07	0.11	0.10	0.08	0.05	2.99	2.56	2.49	1.98	2.31	2.65	2.05	1.97	
10	81.92	off	2.40	6	0.04	0.05	0.07	0.10	0.06	0.05	2.52	2.48	2.77	3.09	3.18	3.29	1.34	1.19	
11	54.16	off	2.80	6	0.04	0.04	0.03	0.06	0.13	0.04	3.49	3.39	3.49	3.37	3.19	2.99	0.64	2.46	
12	54.44	off	4.00	6	0.04	0.07	0.05	0.04	0.04	0.05	2.86	2.69	2.81	2.52	2.38	2.64	2.27	1.41	
13	39.46	off	5.00	6	0.07	0.05	0.06	0.05	0.04	0.09	2.79	3.15	3.18	2.90	2.87	2.95	1.55	1.44	
14	32.15	off	3.80	6	0.11	0.05	0.05	0.04	0.08	0.11	3.00	3.52	3.64	2.85	2.63	2.75	1.36	2.24	
15	25.52	off	5.20	6	0.06	0.04	0.04	0.05	0.10	0.12	3.73	3.68	3.57	2.49	2.45	3.62	1.43	2.22	
16	57.40	off	3.40	6	0.04	0.05	0.07	0.03	0.04	0.09	3.50	3.62	3.66	2.68	2.52	2.88	3.09	3.05	
17	32.50	2.00	3.90	6	0.07	0.05	0.05	0.04	0.04	0.04	2.63	2.97	3.00	2.85	2.58	2.90	2.44	2.39	
18	25.34	2.40	3.70	6	0.04	0.04	0.04	0.03	0.03	0.03	2.94	3.14	3.24	3.20	3.09	3.15	2.97	2.65	
19	254.40	2.20	2.10	6	0.05	0.04	0.04	0.04	0.04	0.04	2.98	2.65	2.63	2.48	2.26	1.89	2.53	1.85	
20	55.75	1.70	2.20	6	0.10	0.08	0.06	0.05	0.05	0.05	1.87	2.56	2.56	2.47	2.46	2.32	1.95	1.42	
21	49.72	1.90	2.30	6	0.08	0.06	0.05	0.05	0.05	0.05	2.32	2.64	2.58	2.68	2.67	2.46	2.12	1.38	
22	184.00	2.80	2.90	6	0.12	0.09	0.07	0.05	0.05	0.05	2.54	2.86	2.75	2.53	2.47	2.39	1.08	1.42	
23	74.13	2.30	3.80	6	0.07	0.08	0.05	0.05	0.05	0.08	2.43	3.02	2.84	2.55	2.41	2.18	1.12	1.64	
24	81.84	2.10	3.40	6	0.14	0.12	0.09	0.07	0.06	0.07	1.98	2.79	2.36	2.10	2.07	2.29	2.73	1.34	
25	53.53	2.20	3.80	6	0.06	0.06	0.05	0.05	0.04	0.05	2.59	2.73	2.80	2.69	2.33	2.30	1.31	0.73	
26	39.02	2.00	3.30	6	0.07	0.05	0.04	0.04	0.04	0.04	2.42	2.90	2.94	2.93	2.83	2.87	1.08	1.23	
27	42.32	2.60	3.40	6	0.06	0.05	0.04	0.04	0.04	0.04	2.98	3.29	3.28	3.00	2.78	2.75	0.95	1.93	
28	36.77	1.80	2.70	6	0.05	0.04	0.04	0.04	0.04	0.04	2.91	3.29	3.24	3.20	2.81	2.92	1.74	1.94	
29	24.69	2.30	2.80	6	0.05	0.04	0.03	0.03	0.03	0.03	2.97	3.28	3.28	3.12	3.12	3.15	1.69	1.54	
30	87.55	2.20	3.90	6	0.04	0.04	0.04	0.04	0.04	0.05	3.12	3.25	3.24	2.79	2.66	2.47	1.66	2.14	
31	40.65	2.90	3.00	6	0.09	0.07	0.06	0.04	0.04	0.04	2.57	2.87	2.93	2.94	2.77	2.66	1.65	1.77	

*** 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				0.7				####
2	yes	0.1				0.5				####
3	yes	0.1				0.3				####
4	yes	0.1				0.6				####
5	yes	0.2				0.5				####
6	yes	0.1				0.4				####
7	yes	0.1				0.5				####
8	yes	0.1				0.5				####
9	yes	0.2				0.6				####
10	yes	0.1				0.8				####
11	yes	0.1				0.7				####
12	yes	0.1				0.7				####
13	yes	0.1				0.8				####
14	yes	0.2				0.8				####
15	yes	0.2				0.8				####
16	yes	0.3				0.8				####
17	yes	0.1				0.6				####
18	yes	0.1				0.6				####
19	yes	0.1				0.7				####
20	yes	0.1				0.6				####
21	yes	0.2				0.7				####
22	yes	0.1				0.6				####
23	yes	0.1				0.7				####
24	yes	0.1				0.6				####
25	yes	0.1				0.6				####
26	yes	0.1				0.7				####
27	yes	0.1				0.7				####
28	yes	0.2				0.7				####
29	yes	0.1				0.7				####
30	yes	0.2				0.7				####
31	yes	0.2				0.6				####

Month May Year 2019
 PWS Name Durant Water Plant PWSID OK1010601
 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 May 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 eaten around Plant
17. Removed bad motor on New plant rapid mixer and replaced
18. Took VFD off old plant flocculator and installed and programmed on New plant flocculator
19. Replaced light bulb in #1 old filter turbidity meter
20. Sprayed fences and buildings at Plant
21. Mowed, weed eaten and sprayed at Chuckwa, Big Lots, First and Arkansas and Thirteen and Arkansas towers
22. Fixed leak on two different chlorine feed lines
23. Removed static mixer in old plant caustic vault and put new pipe in its place
24. Dug ditch for new caustic feed line
25. Had roof fixed on transfer pump building
26. Had roof fixed on Raw pump station
27. Treated 130,977,000 gallons

B. Work Planned for January-December

Approx Start/Finish Date

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

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: 6/7/2019
To: Utilities Authority
From: Utility Line Maintenance Supervisor- Jay
Neal
Re: Utility Line Maintenance Report- May 2019

Utility Line Maintenance Report- May 2019

- 1. Line Repairs, Taps, Installs**
 - a. Water Leaks: 29**
 - b. Water Taps: 15**
 - c. Sewer Stops: 39**
 - d. Sewer Taps: 7**
- 2. Upcoming/Ongoing/Completed Projects**
 - a. Ongoing: Legacy Villa road bore**
 - b. Completed: Patriot Fields water/wastewater distribution**
 - c. Upcoming: Smoke testing on select wastewater lines to determine I&I (August)**

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Utility Line Maintenance Report- May 2019	Exhibit	6/7/2019

May 2019

Water Leaks:	29
Sewer Stops:	39
Taps:	22
Other Completed Jobs:	291
Total Jobs:	381
Carryover Balance to Next Month	45

Jobs/Day	3.6
Jobs/Week	20.7
Jobs/Month	83

Added Leaks	25
Taps	12