

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**

December 10, 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 October 8, 2019
- b. Consider Approval of Regular Meeting Minutes of November 12, 2019

2. Consider Items Removed from Consent

3. Information Items

- a. Landfill Information and Reports - November 2019
- b. Solid Waste Department Monthly Report - November 2019
- c. Utility Department Monthly Report - November 2019
- d. Waste Water Treatment Plant Lab Monthly Report - November 2019
- e. Water Treatment Plant Monthly Reports - November 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 10:42 a.m. on the 6th day of December, 2019.

Cynthia J. Price, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 11/17/2019
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of October 8, 2019

These minutes were inadvertently left off the November 12, 2019 agenda for consideration.

Council Information / Action Requested

Approval of Regular Meeting Minutes of October 8, 2019

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

ATTACHMENTS:

Description	Type	Upload Date
Minutes 10.8.2019	Exhibit	11/18/2019

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 13th day of November, 2018 and that an agenda of said meeting was posted at the place of such meeting at 4:30 p.m. on the 4th day of October, 2019.

**MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY
UTILITIES AUTHORITY OF October 8, 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 7:25 p.m.

ROLL CALL

Present: Trustee Mike Morris	Interim City Manager Paul Buntz
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 September 10, 2019

Approved

Motion was made by Jerry Tomlinson and seconded by Danny Sherrer to approve consent item as presented.

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson

2. Consideration Items Removed from Consent

3. Information Items

- a. Landfill Information and Reports - September 2019

- b. Solid Waste Collections Monthly Report - September 2019
- c. Utility Department Monthly Report - September 2019
- d. Utility Line Maintenance Report- September 2019
- e. Waste Water Treatment Plant and Lab Monthly Report - September 2019
- f. Water Treatment Plant Monthly Reports - September 2019

4. Administration

- a. Consider Award of Bid for Two New Horizontal Trailers

Approved

Public Works Director Marty Cook and Landfill Supervisor Kenny Cooper addressed council and stated there were three bids received. Mr. Cooper recommended the bid be awarded to Warren Truck & Trailer Inc. in the amount of \$155,820.00. This is a budgeted item.

Motion was made by Steve Brittingham and seconded by Danny Sherrer to award bid for two new horizontal trailers to Warren Truck & Trailer in the amount of \$155,820.00.

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson

Adjournment

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

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson



The City of Durant

Office of City Clerk

Memorandum

Date: 11/17/2019
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of November 12, 2019

Council Information / Action Requested

Approval of Regular Meeting Minutes of November 12, 2019

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

ATTACHMENTS:

Description	Type	Upload Date
Minutes 11.12.2019	Exhibit	11/18/2019

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 13th day of November, 2018 and that an agenda of said meeting was posted at the place of such meeting at 11:40 a.m. on the 8th day of November, 2019.

MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY UTILITIES AUTHORITY OF November 12, 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 7:23 p.m.

ROLL CALL

Present: Trustee Mike Morris	City Manager John Dean
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 an Easement for Sewer Line and Mooney Lift Station Located off Mooney Road from Dan Craige

Approved

Motion was made by Jerry Tomlinson and seconded by Steve Brittingham to approve consent item as presented.

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson

2. Consideration Items Removed from Consent

3. Information Items

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

4. Administration

Adjournment

Motion was made by Jerry Tomlinson and seconded by Steve Brittingham to adjourn meeting.

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson



The City of Durant

Solid Waste Landfill

Memorandum

Date: 12/3/2019
To: Utilities Authority
From: Kenny Cooper, Supervisor, Solid Waste Landfill
Re: Landfill Information and Reports - November 2019

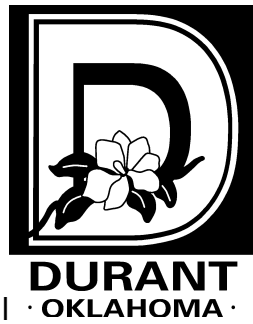
Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
November 2019 Project Schedule	Exhibit	12/3/2019
DEQ Report November 2019	Exhibit	12/3/2019



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***November 2019***

A. Work Completed for :

1. Covered C & D Site
2. Hauled MSW To SORD
3. Number of rolloff containers in service end of month 117
4. Number of rolloff containers added to service during month 13
5. Number of rolloff containers removed from service during month 10
6. Number of loaded rolloff containers emptied during month 308

B. Work Planned For December :

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.



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

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

Report month/year: **NOVEMBER 2019**

Permit Number: **3507001**

Phone Number: **580-931-6606**

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

Total # of Days open: **21**

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	39.03									
2	10.56									
3										
4	59.92									
5	88.78									
6	45.16									
7	5.67									
8	14									
9										
10										
11										
12	47.88									
13	64.52									
14	86.59									
15	60.01									
16	24.6									
17										
18	77.19									
19	164.98									
20	106.59									
21	37.83									
22	5.32									
23	4.2									
24										
25	81.22									
26	122.45									
27	87.42									
28										
29										
30										
31										
Total	1233.92	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: Kenneth Cooper Phone #: 580-924-8358

Date: 11-3-19



The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 12/10/2019
To: Utilities Authority
From: Albert Pierce, Solid Waste Department Superintendent
Re: Solid Waste Department Monthly Report - November 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 - November 2019	Exhibit	12/2/2019



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS SCHEDULE ***November 2019***

A. Work Completed:

1. Hauled 34.39 tons of extra hauling
2. Hauled 28 loads of extra hauling
3. Picked up and delivered 23 sharps
4. no abatement this month
5. Cleaned Sunny Side rd. 1 time
6. Refurbished dumpsters
7. Replaced 8 dumpsters with new
8. Cleaned dead ends of Cemetery rd. 1 time

B. Work Planned For December

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: 12/2/2019
To: Utilities Authority
From: Stephanie Barfield, Utility Billing Supervisor
Re: Utility Department Monthly Report - November 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 - November 2019	Exhibit	12/2/2019



Monthly Utility Billing, Cash Collection, And Consumption Summary

NOVEMBER 2019

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	6979		6046		6533	
Total Revenue Billed	\$306,856.80	\$1,548,843.80	\$216,407.65	\$1,133,392.51	\$363,470.47	\$1,865,082.13
Adjustments in Dollar	(\$4,203.89)	(\$25,556.98)	(\$11,324.87)	(\$68,527.56)	(\$8,625.17)	(\$39,249.97)
TOTAL CASH RECEIPTS	\$243,342.47	\$3,004,790.42	\$107,529.25	\$713,134.59	\$213,993.56	\$1,197,564.82

CONSUMPTION IN GALLONS	81,572,500
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NEW SERVICE APPLICATIONS	185
NUMBER OF WALK IN/PHONE PAYMENTS	1,526
MAIL PAYMENTS	1,130
CREDIT CARD PAYMENTS	956
WEB PAYMENTS	926
DROP BOX PAYMENTS	415
BANK DRAFT PAYMENTS	841
CREDIT CARD DRAFT PAYMENTS	198
KIOSK	777
OTHERS	



The City of Durant

Office of the Wastewater Treatment Plant

Memorandum

Date: 12/3/2019
To: Utilities Authority
From: Ray Anthony, Waste Water Treatment Plant
Re: Waste Water Treatment Plant Lab Monthly Report - November 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
Waste Water Treatment Plant Lab Monthly Report - November 2019	Exhibit	12/3/2019



THE CITY OF DURANT

Office of the Wastewater Treatment Plant Lab Report

11/01/19 to 11/31/19

Tests Processed

73 Bac-t's
5 BOD's
68 TSS's
4 NH3's
30 DO's
30 Ph's
0 Fecal Coliforms (May 1st – Sept. 30th) * 6 per set
0 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
- Storm water Report
- Pre-Treatment



The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 12/2/2019
To: Utilities Authority
From: Phillip Hightower, Water Treatment Plant
Re: Water Treatment Plant Monthly Reports - November 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
November MOR	Cover Memo	12/2/2019
November MOR #2	Cover Memo	12/2/2019
Nov CLO2 MOR	Cover Memo	12/2/2019
Nov Monthly Report	Cover Memo	12/2/2019

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

Plant: DWT
PWSID: OK1010601
County: Bryan
Month: November

Durant City Utilities Authority										P.O. Box 578										Durant										74702									
System										Address										City										ZIP									
Day	WATER TREATED (in 1,000 gal)	FILTER OPERATION								WASH WATER IN 1000 GALS.	CHEMICALS USED-LBS.								ALKALINITY - RAW				ALKALINITY - FILTERED				pH			CaCO3 STABILITY Method:	HARDNESS (ppm)		Special Test Fe, Mn or Other		REMARKS				
		FILTERS USED-HOURS									ALUM	POLYMER	Caustic	Fluoride	Chlorite	OTHER	CHLORINE		AM	PM	"P"	"P"	AM	PM	"P"	"P"										AM	PM		
		1	2	3	4	5	6	7	8								PRE	POST									"P"	"P"	TOTAL		TOTAL	RAW	FILT	FILT					
1	4118.0	23	0	23	23	23	23	24	24	194.0	2900.0	40.0	1375.0	0.0	280.0	0.0	100.0	80.0	0.0	0.0	150.0	148.0	0.0	0.0	72.0	96.0	7.6	7.4	7.3	70.0	142.00	124.00							
2	4162.0	24	0	24	24	24	24	24	24		2500.0	40.0	1375.0	0.0	280.0	0.0	120.0	80.0	0.0	0.0	190.0	182.0	0.0	0.0	118.0	136.0	7.7	7.9	7.7	94.0	182.00	162.00							
3	3348.0	24	0	24	24	24	24	23	23	60.0	2100.0	40.0	1100.0	0.0	280.0	0.0	100.0	60.0	0.0	0.0	176.0	180.0	0.0	0.0	164.0	166.0	7.9	8.1	7.9	120.0	192.00	182.00							
4	4138.0	23	0	23	23	23	23	24	24	165.0	1800.0	40.0	825.0	0.0	280.0	0.0	100.0	80.0	0.0	0.0	206.0	102.0	0.0	0.0	170.0	170.0	7.9	8.0	7.1	158.0	218.00	208.00							
5	4482.0	24	0	24	24	24	24	23	23	50.0	1900.0	40.0	0.0	0.0	280.0	0.0	140.0	60.0	0.0	0.0	238.0	250.0	0.0	0.0	180.0	200.0	7.9	7.6	6.8	170.0	220.00	206.00							
6	4482.0	23	0	23	23	24	24	24	24	100.0	2700.0	40.0	0.0	0.0	280.0	0.0	120.0	100.0	0.0	0.0	240.0	256.0	0.0	0.0	196.0	216.0	7.7	7.2	6.9	190.0	246.00	228.00							
7	4302.0	24	0	24	24	23	23	23	24	75.0	4600.0	40.0	825.0	0.0	280.0	0.0	200.0	120.0	0.0	0.0	114.0	112.0	0.0	0.0	204.0	186.0	7.1	7.2	7.1	198.0	120.00	240.00							
8	4314.0	24	0	24	24	24	24	24	24		4600.0	40.0	825.0	0.0	280.0	0.0	200.0	100.0	0.0	0.0	86.0	92.0	0.0	0.0	122.0	100.0	6.9	6.8	6.9	204.0	106.00	164.00							
9	4381.0	24	0	24	24	24	24	24	24		4000.0	40.0	1513.0	0.0	280.0	0.0	210.0	90.0	0.0	0.0	168.0	150.0	0.0	0.0	80.0	94.0	7.2	6.8	7.0	130.0	152.00	130.00							
10	4039.0	23	0	23	23	24	24	23	23	190.0	3100.0	40.0	1513.0	0.0	260.0	0.0	120.0	80.0	0.0	0.0	152.0	160.0	0.0	0.0	110.0	128.0	7.4	7.3	7.7	110.0	172.00	168.00							
11	3931.0	24	0	24	24	23	23	24	24	70.0	2000.0	40.0	1238	0.0	260.0	0.0	160.0	120.0	0.0	0.0	180.0	188.0	0.0	0.0	142.0	146.0	7.7	8.1	7.9	120.0	184.00	174.00							
12	3996.0	24	0	24	24	24	24	24	24		1900.0	40.0	1100.0	0.0	260.0	0.0	135.0	85.0	0.0	0.0	220.0	238.0	0.0	0.0	176.0	188.0	7.8	8.0	7.8	144.0	240.00	208.00							
13	4067.0	23	0	23	23	24	24	23	23	185.0	1700.0	40.0	825.0	0.0	260.0	0.0	100.0	80.0	0.0	0.0	232.0	258.0	0.0	0.0	190.0	214.0	7.9	7.8	7.6	156.0	288.00	242.00							
14	4138.0	23	0	23	24	23	23	23	23	180.0	1500.0	40.0	0.0	0.0	260.0	0.0	100.0	80.0	0.0	0.0	258.0	256.0	0.0	0.0	218.0	224.0	7.8	7.6	7.2	180.0	274.00	240.00							
15	4145.0	24	10	23	14	24	24	24	24	70.0	1500.0	40.0	0.0	0.0	260.0	0.0	100.0	60.0	0.0	0.0	280.0	270.0	0.0	0.0	248.0	242.0	8.1	7.3	7.3	228.0	288.00	286.00							
16	4783.0	23	24	24	0	24	24	22	23	105.0	1600.0	40.0	0.0	0.0	300.0	0.0	120.0	80.0	0.0	0.0	288.0	268.0	0.0	0.0	238.0	252.0	8.0	7.3	7.4	236.0	268.00	274.00							
17	4964.0	23	24	23	0	23	23	24	24	150.0	1400.0	40.0	0.0	0.0	300.0	0.0	100.0	60.0	0.0	0.0	278.0	274.0	0.0	0.0	254.0	268.0	7.9	7.3	7.3	234.0	290.00	290.00							
18	4916.0	23	23	23	0	24	24	23	23	150.0	1600.0	40.0	0.0	0.0	300.0	0.0	100.0	60.0	0.0	0.0	290.0	100.0	0.0	0.0	272.0	270.0	7.7	7.2	7.2	262.0	312.00	304.00							
19	4612.0	23	24	23	0	23	23	23		130.0	1400.0	40.0	0.0	0.0	300.0	0.0	80.0	40.0	0.0	0.0	278.0	290.0	0.0	0.0	250.0	266.0	7.9	7.4	7.1	260.0	284.00	262.00							
20	4336.0	24	24	23	0	24	24	24	23	55.0	1100.0	40.0	0.0	0.0	300.0	0.0	80.0	60.0	0.0	0.0	276.0	290.0	0.0	0.0	256.0	270.0	7.9	7.2	7.2	248.0	298.00	286.00							
21	4263.0	23	23	24	0	23	23	23	24	130.0	1300.0	40.0	0.0	0.0	300.0	0.0	80.0	80.0	0.0	0.0	280.0	272.0	0.0	0.0	266.0	270.0	7.9	7.5	7.4	260.0	270.00	294.00							
22	4399.0	24	24	24	0	24	24	24	24		1100.0	40.0	0.0	0.0	300.0	0.0	80.0	60.0	0.0	0.0	280.0	250.0	0.0	0.0	260.0	260.0	7.6	7.2	7.2	260.0	266.00	292.00							
23	4179.0	24	24	23	0	24	24	23	23	100.0	1500.0	40.0	0.0	0.0	300.0	0.0	100.0	60.0	0.0	0.0	220.0	216.0	0.0	0.0	240.0	236.0	7.5	7.3	7.1	266.0	214.00	266.00							
24	3973.0	23	23	23	0	23	23	24	24	150.0	1100.0	40.0	0.0	0.0	300.0	0.0	80.0	60.0	0.0	0.0	226.0	240.0	0.0	0.0	200.0	208.0	7.7	7.3	7.0	240.0	238.00	252.00							
25	4075.0	24	24	24	0	24	24	23	23	60.0	1100.0	40.0	0.0	0.0	300.0	0.0	80.0	60.0	0.0	0.0	260.0	252.0	0.0	0.0	216.0	222.0	7.9	7.1	7.2	218.0	280.00	250.00							
26	4042.0	24	24	24	0	24	24	24	24		1200.0	40.0	0.0	0.0	300.0	0.0	100.0	60.0	0.0	0.0	274.0	274.0	0.0	0.0	240.0	250.0	7.8	7.3	7.2	226.0	290.00	278.00							
27	4087.0	23	23	23	0	24	24	23	24	130.0	1100.0	40.0	0.0	0.0	300.0	0.0	100.0	60.0	0.0	0.0	268.0	274.0	0.0	0.0	240.0	254.0	7.8	7.3	7.3	240.0	252.00	260.00							
28	4141.0	24	24	24	0	23	23	24	23	90.0	3400.0	40.0	0.0	0.0	300.0	0.0	160.0	100.0	0.0	0.0	272.0	200.0	0.0	0.0	230.0	240.0	8.0	7.5	7.4	234.0	260.00	262.00							
29	4013.0	24	24	24	0	24	24	24	24		4400.0	40.0	825.0	0.0	300.0	0.0	120.0	80.0	0.0	0.0	124.0	140.0	0.0	0.0	188.0	176.0	7.2	7.0	7.1	238.0	134.00	230.00							
30	3835.0	23	23	23	0	24	24	24	24	120.0	3400.0	40.0	1100.0	0.0	300.0	0.0	160.0	100.0	0.0	0.0	144.0	148.0	0.0	0.0	120.0	122.0	7.3	6.8	6.9	200.0	138.00	192.00							
31																																							
Tot	126661.0	706.0	365.0	705.0	345.0	710.0	710.0	706.0	685.0	2709.0	65500.0	1200.0	14439.0		8580.0		3545.0	2295.0																					
Avg	4222.0	23.5	12.2	23.5	11.5	23.7	23.7	23.5	23.6	117.8	2183.3	40.0	481.3		286.0		118.2	76.5			221.6	211.0			195.3	202.3	7.7	7.4	7.3	196.5	227.3	231.8							
Power Costs	\$14,649.82																																						
Labor Costs	\$49,250.80									Ave Rate of Wash (Vert. in/min)																													
Chemicals	\$17,669.61																																						
Supplies	\$1,779.92									Ave Wash Period (Minutes)																													
Repairs	\$3,123.15																																						
Testing Cost	\$80.00									% Wash Water Used																													
TOTAL	\$86,553.30									2.14%																													
Cost per thousand gallons	\$0.68									Ave. Head Loss for Washing																													
I hereby certify the above to be correct to the best of my knowledge.															Signed <u>Phillip Hightower</u>																								
															Print <u>Phillip Hightower</u>																								
															Title _____																								
															DEQ Form # 630-577 Revised 5/21/2018																								
															Oper. Cert. No. <u>B90404</u>																								



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

Plant: **DWT**

PWSID: **OK1010601**

County: **Bryan**

Month/Year: **Nov-19**

Durant City Utilities Authority
System

P.O. Box 578
Address

Durant, Ok
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	180
Total number of turbidity readings	180
Number of turbidity readings above 1 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	180
Number of samples below 1.0 mg/L	0
Free Chlorine-Distribution	
Total number of chlorine residual samples	60
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 1.0 NTU in two consecutive 15 minute readings? ☒ No ☐ Yes*
5. Was individual filter level greater than 0.5 NTU in two consecutive measurements after being on line for more than four hours? ☒ No ☐ Yes*
6. Did the same filter exceed 1.0 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 2.0 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, 5 (>10,000 population only), 6, or 7, you must complete the Turbidity Trigger Form, follow instruction on the form, and attach it to this MOR.

				# of Readings**	COMBINED FILTER TURBIDITY						FREE CHLORINE RESIDUAL								COMMENTS	
DAY	RAW	SET	SET								ENTRY POINT TO DISTRIBUTION						DISTRIBUTION SYSTEM			
					2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	12am	4am	8am	12pm	4pm	8pm				
1	49.47	2.70	3.50	6	0.04	0.06	0.06	0.07	0.04	0.04	2.6	2.8	2.9	2.6	2.9	2.6	2.1	2.0		
2	33.80	3.20	4.20	6	0.04	0.04	0.04	0.03	0.04	0.04	2.5	2.6	2.6	2.6	2.5	2.3	1.7	1.6		
3	30.00	3.50	4.00	6	0.11	0.05	0.06	0.05	0.05	0.07	2.3	2.7	2.7	2.9	2.9	2.7	1.5	1.9		
4	21.11	2.80	4.00	6	0.14	0.07	0.13	0.04	0.04	0.04	2.8	3.3	3.1	3.1	2.8	2.8	1.3	1.9		
5	21.76	3.10	2.80	6	0.04	0.07	0.13	0.06	0.06	0.08	2.8	3.0	3.0	3.0	2.7	2.3	0.9	1.8		
6	22.93	1.90	2.60	6	0.05	0.04	0.06	0.05	0.08	0.07	3.4	2.5	2.5	2.6	2.6	2.7	1.2	1.8		
7	29.23	3.50	3.30	6	0.06	0.09	0.09	0.06	0.05	0.05	2.7	2.8	3.0	2.6	2.5	2.3	1.0	1.6		
8	98.84	3.20	3.60	6	0.05	0.04	0.04	0.04	0.04	0.05	2.3	2.3	2.3	2.3	2.2	2.2	1.1	1.6		
9	55.52	1.90	2.90	6	0.05	0.05	0.05	0.08	0.08	0.13	2.3	2.5	2.5	2.5	2.4	2.4	1.3	1.6		
10	45.64	2.80	3.50	6	0.14	0.09	0.05	0.09	0.05	0.04	2.5	2.8	3.1	3.2	3.1	2.6	1.6	1.3		
11	31.24	3.10	4.10	6	0.04	0.07	0.04	0.04	0.05	0.05	2.6	2.6	2.7	2.7	2.7	2.7	2.2	1.6		
12	23.94	3.30	4.10	6	0.05	0.05	0.09	0.05	0.08	0.11	2.8	2.8	2.9	2.9	2.9	2.8	0.9	1.7		
13	18.93	2.60	2.90	6	0.13	0.12	0.09	0.05	0.07	0.10	3.1	3.2	3.4	3.5	3.2	3.2	2.4	2.0		
14	15.57	3.50	3.90	6	0.10	0.09	0.08	0.08	0.13	0.09	3.2	3.4	3.1	3.2	3.0	2.9	1.8	2.3		
15	13.64	3.30	4.80	6	0.06	0.07	0.08	0.10	0.06	0.08	3.1	3.0	3.1	3.1	2.9	2.8	1.3	2.2		
16	12.21	3.10	4.20	6	0.10	0.09	0.13	0.09	0.06	0.10	3.1	3.0	3.1	3.0	2.7	3.0	2.7	2.3		
17	9.65	2.30	3.10	6	0.07	0.05	0.06	0.08	0.06	0.07	3.1	3.2	3.3	3.0	2.8	2.9	2.0	1.7		
18	17.51	2.10	3.00	6	0.12	0.06	0.04	0.03	0.04	0.05	2.9	3.1	3.1	2.7	2.6	2.8	2.2	2.1		
19	13.61	1.90	2.90	6	0.07	0.06	0.05	0.03	0.03	0.04	2.8	3.2	3.1	3.0	2.8	2.6	1.2	2.2		
20	10.90	2.10	3.00	6	0.06	0.05	0.04	0.04	0.05	0.06	2.6	2.8	2.8	2.8	2.7	2.7	2.0	2.1		
21	10.77	2.10	2.70	6	0.06	0.09	0.03	0.04	0.04	0.06	2.7	2.9	2.9	2.8	2.7	2.7	1.9	2.5		
22	10.40	2.10	3.20	6	0.05	0.05	0.07	0.08	0.08	0.12	2.7	2.7	2.8	2.7	2.6	2.5	2.1	1.9		
23	23.34	3.00	4.10	6	0.11	0.10	0.06	0.06	0.07	0.07	2.5	2.5	2.5	2.3	2.1	1.9	1.9	1.5		
24	17.67	3.90	3.90	6	0.11	0.11	0.08	0.07	0.06	0.06	1.9	2.2	2.2	2.0	1.9	1.7	1.6	1.5		
25	12.43	2.80	3.10	6	0.06	0.10	0.05	0.05	0.05	0.04	1.8	2.1	2.3	2.3	2.2	2.2	1.5	1.3		
26	10.24	2.90	2.60	6	0.04	0.04	0.04	0.04	0.04	0.04	2.3	2.5	2.6	2.5	2.1	2.5	1.6	1.4		
27	8.98	2.10	2.30	6	0.05	0.05	0.05	0.05	0.06	0.06	2.5	2.9	2.8	2.6	2.4	2.6	1.7	1.4		
28	9.56	3.40	3.30	6	0.07	0.03	0.03	0.03	0.04	0.04	2.7	3.0	3.0	3.0	3.0	3.1	1.4	2.0		
29	91.28	3.80	2.90	6	0.04	0.04	0.09	0.11	0.10	0.13	3.3	3.4	3.3	2.8	2.7	2.5	1.8	2.5		
30	60.98	2.70	3.20	6	0.08	0.05	0.04	0.04	0.04	0.04	2.5	2.6	2.6	2.3	2.2	2.0	2.3	1.6		
31																				

*** 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				0.5				####
2	yes	0.1				0.6				####
3	yes	0.1				0.7				####
4	yes	0.1				0.8				####
5	yes	0.1				0.8				####
6	yes	0.1				0.8				####
7	yes	0.2				0.9				####
8	yes	0.1				0.7				####
9	yes	0.1				0.7				####
10	yes	0.1				0.7				####
11	yes	0.1				0.6				####
12	yes	0.2				0.8				####
13	yes	0.1				0.8				####
14	yes	0.2				0.8				####
15	yes	0.2				0.8				####
16	yes	0.1				0.9				####
17	yes	0.1				0.9				####
18	yes	0.4				0.9				####
19	yes	0.1				0.9				####
20	yes	0.1				0.8				####
21	yes	0.2				0.9				####
22	yes	0.1				0.9				####
23	yes	0.1				0.9				####
24	yes	0.1				0.9				####
25	yes	0.1				0.9				####
26	yes	0.1				0.9				####
27	yes	0.1				0.9				####
28	yes	0.2				0.8				####
29	yes	0.2				0.7				####
30	yes	0.1				0.7				####
31										####

Month Nov Year 2019
PWS Name Durant City Utilities Authority

PWSID Ok1010601
Plant Name DWT
Total 30

Section 2: Summary of Chlorine Dioxide Daily Monitoring

a. Number of Samples Collected 30.0
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 30.0
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

Phillip Hightower

Signature of owner or operator

Phillip Hightower

Printed name

12/2/2019

Date

B90404

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 November 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. Covered ditch where new caustic line was installed
16. Adjusted packing gland on #4 raw pump
17. Construction crew here to finish #2 old filter under drain
18. Backwashed #2 filter for construction crew and put filter online
19. Construction crew still working on Fluoride building
20. Treated 126,661,000 gallons of water

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. Install two surface wash valve actuators | Time permitting |

C. Projects Planned and Requested for Authorization

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