

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**

May 12, 2020

This meeting will include videoconferencing. Council Member Mike Morris and Vice Mayor Steve Brittingham will be appearing remotely using videoconferencing via Zoom. Council Member Danny Sherrer, Council Member Jerry Tomlinson and Mayor Grube will be physically present at the meeting site. You may watch the council meeting live at: www.durant.org/live

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 April 14, 2020

2. Consider Items Removed from Consent

3. Information Items

- a. Landfill Information and Reports - April 2020
- b. Solid Waste Collection Monthly Report - April 2020
- c. Utility Department Monthly Report - April 2020
- d. Waste Water Treatment Plant Lab Monthly Report - April 2020
- e. Water and Sewer Line Maintenance Monthly Report - April 2020
- f. Water Treatment Plant Monthly Reports - April 2020

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 12th day of November, 2019 and that an agenda of said meeting was posted at the place of such meeting at 9:10 a.m. on the 8th day of May, 2020.

Cynthia J. Price, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 4/21/2020
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of April 14. 2020

Council Information / Action Requested

Approval of Regular Meeting Minutes of April 14. 2020

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

ATTACHMENTS:

Description	Type	Upload Date
Minutes 4.14.2020	Exhibit	4/21/2020

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 12th day of November, 2019 and that an agenda of said meeting was posted at the place of such meeting at 4:05 p.m. on the 9th day of April, 2020. An amended agenda was posted at 4:26 p.m. on the 10th day of April, 2020.

**MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY
UTILITIES AUTHORITY OF April 14, 2020 AT 6:00 PM, Roscoe J. Hatfield Council
Chambers, 300 West Evergreen, Durant, Oklahoma 74701**

CALL TO ORDER

Chairman Grube called the meeting to order at 6:44 p.m.

ROLL CALL

In Attendance and Appearing Remotely:

Trustee Mike Morris
Trustee Jerry Tomlinson
City Clerk Cynthia J. Price

In Attendance and Appearing In-Person:

Trustee Danny Sherrer
Vice Chairman Steve Brittingham
Chairman Oden Grube
City Manager John Dean
City Attorney Tom Marcum

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 March 10, 2020
- b. Consider Acceptance of an Easement from Dixon Durant Apartments for a Sanitary Sewer Line

Approved

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

Motion Passed with the following vote:

Ayes: Brittingham, Grube, Morris, Sherrer, Tomlinson

2. Consideration Items Removed from Consent

3. Information Items

- a. Landfill Information and Reports - March 2020
- b. Solid Waste Collection Monthly Report - March 2020
- c. Utility Department Monthly Report - March 2020
- d. Waste Water Treatment Plant Monthly Activity - March 2020
- e. Water and Sewer Line Maintenance Report - March 2020
- f. Water Treatment Plant Operational Reports - March 2020

4. Administration

- a. Consider and Take Action with Respect to Resolution 2020-10 Authorizing the Durant City Utilities Authority (the "Authority") to Issue Its Utility System and Sales Tax Revenue Note, Series 2020 (the "Note") in the Aggregate Principal Amount of \$13,280,000.00; Waiving Competitive Bidding and Authorizing the Note to be Sold on a Negotiated Basis, Ratifying, Confirming, and Approving the Sales Tax Agreement By and Between the City and the Authority Pertaining to a Year-to-Year Pledge of Certain Sales Tax Revenue; Approving and Authorizing Execution of a Series 2020 Supplemental Note Indenture Authorizing the Issuance and Securing the Payment of the Note; Providing that the Organizational Document Creating the Authority is Subject to the Provisions of the Indenture; Ratifying, Confirming, and Approving the Lease, as Amended, Pertaining to the City's Utility Systems; Authorizing and Directing the Execution of the Note and Other Documents Relating to the Transaction; and Containing Other Provisions Relating Thereto

Approved

Allan Brooks, Attorney with the Public Finance Law Group PLLC, appeared remotely and stated one bid was received from First United Bank at the rate of 3%. Mr. Brooks recommended approval of First United Bank at the rate of 3%.

Motion was made by Steve Brittingham and seconded by Danny Sherrer to approve Resolution 2020-10 authorizing the Durant City Utilities Authority (the "Authority") to issue its Utility System and Sales Tax Revenue Note, Series 2020 (the "Note") in the aggregate principal amount of \$13,280,000.00; waiving competitive bidding and authorizing the Note to be sold on a negotiated basis, ratifying, confirming, and approving the sales tax agreement by and between the City and the Authority pertaining to a year-to-year pledge of certain sales tax revenue; approving and authorizing execution of a Series 2020 Supplemental Note Indenture authorizing the issuance and securing the payment of the Note; providing that the organizational document creating the Authority is subject to the provisions of the indenture; ratifying, confirming and approving the lease, as amended, pertaining to the City's Utility Systems; authorizing and directing the execution of the Note and other documents relating to the transaction; and containing other provisions relating thereto, approving First United Bank at the rate of 3%.

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

Solid Waste Landfill

Memorandum

Date: 5/1/2020
To: Utilities Authority
From: Kenny Cooper, Supervisor, Solid Waste
Landfill
Re: Landfill Information and Reports - April 2020

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
DEQ Report April 2020	Cover Memo	5/1/2020
April 2020 Project Schedule	Cover Memo	5/1/2020



O K L A H O M A
DEPARTMENT OF ENVIRONMENTAL QUALITY
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: APRIL 2020

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

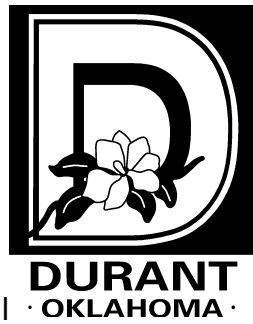
D A Y	(1) Total weight accepted (tons)	(2) Weight which is reused or recycled in accordance with facility permit (tons)	(3) Weight accepted from a DEQ approved emergency or special event (tons)	(4) Weight accepted from large industrial waste generators with DEQ exemption certificate (tons)	(5) Time scales 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	8.15									
2	61.59									
3	0.31									
4										
5										
6	3.56									
7	27.86									
8	12.55									
9	18.73									
10										
11										
12										
13	2.88									
14	4.89									
15	28.06									
16	8.92									
17	11.89									
18										
19										
20	27.51									
21	9.68									
22	25.04									
23	13.65									
24	45.74									
25										
26										
27	18.58									
28	32.98									
29	11.48									
30	14.25									
31										
Total	388.3	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: Yenneth Cooper

Phone #: 580-924-8358

Date: 5-1-20



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***April 2020***

A. Work Completed for April :

1. Covered C & D Site
2. Hauled MSW To SORD
3. Number of rolloff containers in service end of month 118
4. Number of rolloff containers added to service during month 8
5. Number of rolloff containers removed from service during month 10
6. Number of loaded rolloff containers emptied during month 266

B. Work Planned For May :

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. '20 – Dec. '20:

Approx. Start – Finish Date:

1. Haul trash to Ardmore 1-2020 thru 12-2020

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 5/12/2020
To: Utilities Authority
From: Jared Dillingham - Solid Waste Collection
Superintendent
Re: Solid Waste Collection Monthly Report - April 2020

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Solid Waste Collection Monthly Report- April 2020	Cover Memo	4/30/2020



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS

April 2020

A. Work Completed:

1. Hauled 54.44 tons of extra hauling
2. Hauled 49 loads of extra hauling
3. Picked up and delivered 9 sharps
4. No abatement this month
5. Cleaned Sunny Side rd. 0 times
6. Replaced 3 dumpsters with new
7. Cleaned dead ends of Cemetery rd. 0 times

B. Work Planned For May

1. Replace dumpsters
2. Pick up trash

C. Work Planned For January 1, 2020 – December 31, 2020

1. Pick up trash
2. Replace dumpsters

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Office of City Clerk

Memorandum

Date: 5/6/2020
To: Utilities Authority
From: Stephanie Barfield, Utility Billing Supervisor
Re: Utility Department Monthly Report - April 2020

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 - April 2020	Exhibit	5/6/2020



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

APRIL 2020

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	7025		6093		6447	
Total Revenue Billed	\$254,067.68	\$2,896,296.86	\$187,969.25	\$1,876,150.70	\$364,901.12	\$3,683,973.62
Adjustments in Dollar	(\$3,357.62)	(\$45,618.57)	(\$3,501.56)	(\$112,298.56)	(\$70,005.24)	(\$74,894.60)
TOTAL CASH RECEIPTS	\$153,266.47	\$4,009,695.07	\$62,967.83	\$1,297,613.15	\$152,544.40	\$2,377,823.50

CONSUMPTION IN GALLONS	67,785,000
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NEW SERVICE APPLICATIONS	74
NUMBER OF WALK IN/PHONE PAYMENTS	364
MAIL PAYMENTS	1,443
CREDIT CARD PAYMENTS	1,099
WEB PAYMENTS	1,155
DROP BOX PAYMENTS	600
BANK DRAFT PAYMENTS	887
CREDIT CARD DRAFT PAYMENTS	200
KIOSK	1,529
OTHERS	



The City of Durant

Office of City Clerk

Memorandum

Date: 5/6/2020
To: Utilities Authority
From: Waste Water Treatment Plant Lab
Re: Waste Water Treatment Plant Lab Monthly Report - April 2020

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 - April 2020	Exhibit	5/6/2020



THE CITY OF DURANT

Office of the Wastewater Treatment Plant

Lab Report

4/01/20 to 4/30/20

Tests Processed

91 Bac-t's
543 BOD's
5 TSS's
5 NH3's
28 DO's
28 Ph's
0 Fecal Coliforms (May 1st – Sept. 30th) * 6 per set
8 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 and Sewer Maintenance Department

Memorandum

Date: 5/1/2020
To: Utilities Authority
From: Ray Anthony, Supervisor
Re: Water and Sewer Line Maintenance Monthly Report - April
2020

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
April Report	Cover Memo	5/1/2020

Line Maintenance Report for April 2020

Water Leaks Repaired	32
Water Taps Installed	15
Sewer Taps Installed	5
Installed Pumps at Mooney	2
Installed Pump at HWY 78	1
Meters Read	6034



The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 5/1/2020
To: Utilities Authority
From: Phillip Hightower, Water Treatment Plant
Re: Water Treatment Plant Monthly Reports - April 2020

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
April MOR #1	Cover Memo	5/1/2020
April MOR #2	Cover Memo	5/1/2020
April Clo2	Cover Memo	5/1/2020
April Monthly report	Cover Memo	5/1/2020

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

Plant: DWT
PWSID: 1010601
County: Bryan
Month: Apr-20

Durant Utilities Authority										P.O. Box 578										Durant Ok										74702									
System										Address										City										ZIP									
D a y	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		Special Test		REMARKS						
		FILTERS USED-HOURS									ALUM	POLYM ER	Caustic	Fluoride	Chlorite	OTHER	CHLORINE				TOTAL	TOTAL	"P"	"P"					TOTAL	TOTAL	(ppm)			Fe, Mn or Other					
		1	2	3	4	5	6	7	8								PRE	POST							"P"	"P"	TOTAL				TOTAL	"P"		"P"	TOTAL	TOTAL	RAW	FILT	FILT
1	3621.0	24	24	24	24	24	24	23	23	70.0	2300.0	40.0	825.0	0.0	240.0		100.0	60.0	0.0	0.0	214.0	244.0	0.0	0.0	218.0	198.0	7.5	7.7	7.5	232.0	230.00	244.00							
2	3743.0	23	24	23	24	24	24	24	24	70.0	1600.0	40.0	825.0	0.0	240.0		120.0	80.0	0.0	0.0	242.0	250.0	0.0	0.0	194.0	208.0	7.4	7.4	7.0	210.0	242.00	222.00							
3	3745.0	24	23	24	23	24	24	24	24	60.0	1600.0	40.0	688.0	0.0	240.0		120.0	80.0	0.0	0.0	238.0	260.0	0.0	0.0	230.0	232.0	7.7	7.5	7.6	200.0	230.00	248.00							
4	3764.0	24	24	24	24	23	23	24	24	50.0	1600.0	40.0	550.0	0.0	240.0		100.0	80.0	0.0	0.0	232.0	240.0	0.0	0.0	242.0	236.0	7.5	7.7	7.5	210.0	230.00	258.00							
5	3581.0	24	24	24	24	24	24	23	23	70.0	1300.0	40.0	275.0	0.0	220.0		80.0	60.0	0.0	0.0	254.0	260.0	0.0	0.0	238.0	230.0	7.7	7.6	7.1	228.0	266.00	260.00							
6	3570.0	23	24	23	24	24	24	24	24	60.0	1400.0	40.0	250.0	0.0	220.0		100.0	60.0	0.0	0.0	260.0	270.0	0.0	0.0	236.0	232.0	7.6	7.3	7.1	226.0	248.00	254.00							
7	3595.0	24	23	24	23	24	24	24	24	65.0	1300.0	40.0	137.0	0.0	220.0		80.0	60.0	0.0	0.0	248.0	262.0	0.0	0.0	230.0	240.0	8.0	7.1	7.3	242.0	282.00	282.00							
8	3594.0	24	24	24	24	23	23	24	24	50.0	1200.0	40.0	0.0	0.0	220.0		50.0	70.0	0.0	0.0	252.0	252.0	0.0	0.0	256.0	238.0	7.5	7.1	7.2	244.0	276.00	280.00							
9	4160.0	24	24	24	24	24	24	23	23	60.0	1400.0	40.0	0.0	0.0	240.0		40.0	60.0	0.0	0.0	240.0	258.0	0.0	0.0	232.0	232.0	7.8	7.4	7.0	232.0	270.00	270.00							
10	4338.0	24	24	23	24	24	24	24	24	30.0	1400.0	40.0	0.0	0.0	240.0		0.0	100.0	0.0	0.0	262.0	248.0	0.0	0.0	224.0	230.0	7.1	6.9	6.8	270.0	244.00	254.00							
11	4111.0	23	23	24	23	24	24	24	24	90.0	1500.0	40.0	0.0	0.0	240.0		0.0	120.0	0.0	0.0	264.0	244.0	0.0	0.0	228.0	238.0	7.3	7.1	6.9	232.0	260.00	250.00							
12	3646.0	24	24	24	24	23	23	23	23	110.0	3100.0	40.0	0.0	0.0	240.0		140.0	60.0	0.0	0.0	262.0	216.0	0.0	0.0	236.0	234.0	7.7	7.3	7.0	220.0	268.00	262.00							
13	3563.0	24	24	24	24	24	24	24	24		3700.0	40.0	688.0	0.0	240.0		140.0	100.0	0.0	0.0	160.0	100.0	0.0	0.0	218.0	208.0	7.1	7.0	7.2	230.0	162.00	250.00							
14	3510.0	23	24	23	24	24	24	24	24	70.0	3100.0	40.0	1100.0	0.0	240.0		120.0	80.0	0.0	0.0	138.0	140.0	0.0	0.0	142.0	150.0	7.7	7.5	7.1	214.0	138.00	142.00							
15	3542.0	24	23	24	23	24	24	24	24	60.0	2400.0	40.0	1375.0	0.0	240.0		100.0	80.0	0.0	0.0	188.0	230.0	0.0	0.0	120.0	120.0	7.9	7.0	7.7	140.0	186.00	140.00							
16	3496.0	24	24	24	24	23	23	24	24	70.0	1500.0	40.0	936.0	0.0	240.0		0.0	80.0	0.0	0.0	236.0	248.0	0.0	0.0	170.0	178.0	7.4	7.3	6.9	120.0	220.00	200.00							
17	3538.0	24	24	24	24	24	24	23	23	60.0	1600.0	40.0	688.0	0.0	240.0		0.0	120.0	0.0	0.0	254.0	266.0	0.0	0.0	224.0	228.0	7.6	7.8	7.4	164.0	202.00	196.00							
18	4304.0	23	24	23	24	24	24	24	24	60.0	1600.0	40.0	688.0	0.0	240.0		0.0	110.0	0.0	0.0	278.0	262.0	0.0	0.0	244.0	244.0	7.6	7.6	7.4	206.0	218.00	228.00							
19	4196.0	24	23	24	23	24	24	24	24	70.0	1300.0	40.0	138.0	0.0	240.0		0.0	110.0	0.0	0.0	270.0	268.0	0.0	0.0	240.0	250.0	7.7	7.4	7.2	220.0	242.00	240.00							
20	4154.0	24	24	24	24	23	23	24	24	70.0	1400.0	40.0	275.0	0.0	240.0		0.0	120.0	0.0	0.0	262.0	260.0	0.0	0.0	244.0	248.0	7.6	7.3	7.2	238.0	216.00	242.00							
21	4139.0	24	24	24	24	24	24	23	23	70.0	1500.0	40.0	138.0	0.0	240.0		0.0	120.0	0.0	0.0	268.0	260.0	0.0	0.0	244.0	248.0	7.7	7.3	7.3	238.0	238.00	230.00							
22	3799.0	23	23	23	23	24	24	24	24	140.0	3000.0	40.0	275.0	0.0	240.0		160.0	100.0	0.0	0.0	262.0	258.0	0.0	0.0	240.0	250.0	7.7	7.3	7.3	232.0	244.00	240.00							
23	3788.0	24	24	24	24	24	24	24	24		1800.0	40.0	825.0	0.0	240.0		120.0	100.0	0.0	0.0	108.0	104.0	0.0	0.0	218.0	164.0	7.2	7.1	7.0	248.0	108.00	228.00							
24	3730.0	24	24	24	24	23	23	24	24	70.0	3000.0	40.0	1100.0	0.0	240.0		160.0	100.0	0.0	0.0	112.0	124.0	0.0	0.0	122.0	110.0	7.0	7.6	7.2	200.0	66.00	122.00							
25	3747.0	24	24	24	24	24	24	23	23	60.0	2400.0	40.0	963.0	0.0	240.0		160.0	100.0	0.0	0.0	170.0	196.0	0.0	0.0	104.0	116.0	6.6	6.9	6.8	124.0	140.00	108.00							
26	4008.0	23	24	23	24	24	24	24	24	70.0	1800.0	40.0	688.0	0.0	240.0		110.0	70.0	0.0	0.0	212.0	230.0	0.0	0.0	136.0	166.0	7.5	7.4	6.7	108.0	202.00	144.00							
27	3992.0	24	23	24	23	24	24	24	24	70.0	1800.0	40.0	413.0	0.0	240.0		120.0	80.0	0.0	0.0	240.0	250.0	0.0	0.0	186.0	180.0	7.4	7.3	6.6	136.0	228.00	194.00							
28	3964.0	24	24	24	24	23	23	24	24	70.0	1900.0	40.0	413.0	0.0	240.0		120.0	100.0	0.0	0.0	264.0	274.0	0.0	0.0	216.0	232.0	7.1	7.1	6.8	194.0	224.00	208.00							
29	4341.0	24	24	24	24	24	24	23	23	60.0	3000.0	40.0	275.0	0.0	240.0		160.0	100.0	0.0	0.0	110.0	250.0	0.0	0.0	228.0	192.0	7.2	7.3	7.0	218.0	96.00	114.00							
30	4339.0	23	24	0	24	24	24	24	24	30.0	2400.0	40.0	240.0	0.0	240.0		120.0	100.0	0.0	0.0	240.0	258.0	0.0	0.0	186.0	202.0	7.5	7.0	6.8	224.0	204.00	192.00							
31																																							
Tot	115618.0	712.0	713.0	689.0	713.0	713.0	712.0	712.0		1885.0	58900.0	1200.0	14768.0		7120.0		2520.0	2660.0																					
Avg	3853.9	23.7	23.8	23.0	23.8	23.8	23.8	23.7	23.7	67.3	1963.3	40.0	492.3		237.3		84.0	88.7			224.7	232.7			208.2	207.8	7.5	7.3	7.1	206.7	212.7	216.7							
Power Costs	\$13,606.06																																						
Labor Costs	\$49,250.80									Ave Rate of Wash (Vert. in/min)																													
Chemicals	\$17,164.83																																						
Supplies	\$117.02									Ave Wash Period (Minutes)																													
Repairs	\$2,853.94																																						
Testing Cost	\$1,475.00									% Wash Water Used																													
TOTAL	\$84,467.65									1.63%																													
Cost per thousand gallons	\$0.73									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 Phillip Hightower																								
															Title _____																								
															DEQ Form # 630-577 Revised 5/21/2018																								
															Oper. Cert. No. B90404																								



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

Plant: **DWT**

PWSID: **1010601**

County: **Bryan**

Month/Year: **Apr-20**

Durant 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	0.16
Number of turbidity readings above 0.15 NTU	1
Percent of turbidity readings above 0.15 NTU	0.56%
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)	

				# 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	43.14	1.80	1.90	6	0.04	0.04	0.03	0.03	0.03	0.03	2.5	2.7	2.7	2.8	2.7	2.4	1.3	2.1	
2	16.41	1.80	2.20	6	0.06	0.04	0.04	0.03	0.03	0.04	2.5	2.8	2.8	2.9	2.7	2.6	2.0	1.7	
3	11.39	2.60	2.70	6	0.08	0.04	0.03	0.03	0.04	0.04	2.6	2.9	2.9	2.9	2.9	2.8	2.1	1.9	
4	9.74	1.50	2.20	6	0.06	0.05	0.04	0.04	0.04	0.04	2.5	3.1	3.2	3.2	3.1	2.9	2.5	2.4	
5	11.41	1.20	2.50	6	0.05	0.04	0.04	0.04	0.03	0.03	2.9	3.0	3.1	3.2	2.8	2.5	1.3	1.7	
6	6.45	1.80	2.90	6	0.04	0.05	0.03	0.03	0.03	0.03	2.5	2.8	3.0	3.1	3.0	2.6	1.9	2.0	
7	7.25	1.80	2.00	6	0.05	0.03	0.08	0.03	0.03	0.03	2.6	3.0	3.2	3.3	3.2	2.4	1.4	1.8	
8	7.27	1.70	1.60	6	0.06	0.03	0.03	0.03	0.03	0.03	2.5	2.8	3.1	3.2	3.0	2.4	2.5	2.2	
9	7.29	2.00	2.40	6	0.06	0.03	0.03	0.03	0.03	0.03	2.5	2.5	2.6	2.6	2.7	2.6	1.8	1.5	
10	11.43	1.60	2.20	6	0.04	0.04	0.03	0.03	0.03	0.03	2.6	2.6	2.6	2.1	2.2	2.3	2.4	2.1	
11	8.90	1.50	2.00	6	0.05	0.04	0.05	0.04	0.04	0.04	2.2	2.2	2.3	2.3	2.3	2.2	1.6	0.8	
12	7.27	1.60	2.50	6	0.05	0.04	0.05	0.04	0.04	0.04	2.3	2.6	2.6	2.7	2.7	2.4	1.9	1.6	
13	88.94	2.50	2.20	6	0.04	0.05	0.04	0.04	0.04	0.05	2.4	2.5	2.6	2.6	2.5	2.2	1.7	1.6	
14	78.94	2.20	2.50	6	0.08	0.05	0.05	0.05	0.06	0.05	2.1	2.2	2.3	2.4	2.5	2.4	2.0	1.6	
15	36.42	2.10	1.90	6	0.04	0.04	0.16	0.06	0.04	0.04	2.4	2.6	2.7	2.8	2.8	2.5	1.1	1.0	
16	18.07	2.20	2.80	6	0.07	0.06	0.04	0.04	0.04	0.04	2.5	3.0	3.0	2.8	2.7	2.4	1.3	2.3	
17	13.07	2.40	3.00	6	0.08	0.08	0.04	0.04	0.04	0.04	2.4	2.4	2.5	2.3	2.3	2.2	2.0	1.8	
18	11.39	2.00	3.40	6	0.06	0.06	0.04	0.04	0.04	0.04	2.2	2.4	2.3	2.3	2.4	2.4	1.8	1.4	
19	19.78	1.90	2.30	6	0.10	0.04	0.04	0.04	0.04	0.04	2.4	2.5	2.4	2.5	2.6	2.6	1.3	1.3	
20	12.25	2.60	2.80	6	0.07	0.04	0.04	0.04	0.04	0.04	2.6	2.7	2.8	2.7	2.7	2.7	1.0	1.8	
21	12.23	3.20	2.50	6	0.07	0.04	0.04	0.04	0.04	0.04	2.7	2.8	2.9	2.7	2.8	2.7	1.0	2.0	
22	11.41	2.50	1.80	6	0.10	0.04	0.04	0.09	0.05	0.04	2.8	2.8	2.8	2.8	2.9	2.6	0.8	2.1	
23	33.93	2.40	2.60	6	0.04	0.04	0.07	0.11	0.12	0.10	2.7	2.5	2.5	2.5	2.3	2.2	2.1	1.7	
24	6.43	1.90	2.40	6	0.09	0.08	0.07	0.14	0.11	0.10	2.2	2.6	2.4	2.8	3.0	2.6	1.7	1.6	
25	41.44	2.00	3.30	6	0.13	0.08	0.06	0.05	0.06	0.06	2.8	2.9	2.8	2.4	2.3	2.2	2.2	2.3	
26	27.23	2.30	3.80	6	0.10	0.07	0.06	0.05	0.05	0.05	2.2	2.6	2.6	2.8	2.5	2.4	1.3	2.0	
27	21.44	1.90	2.80	6	0.07	0.05	0.05	0.05	0.05	0.05	2.5	2.8	2.8	2.8	2.6	2.5	1.2	1.6	
28	19.79	1.80	2.30	6	0.07	0.05	0.05	0.04	0.10	0.07	2.5	2.8	2.8	2.7	2.6	2.6	1.6	1.6	
29	45.59	2.20	2.40	6	0.05	0.05	0.06	0.06	0.08	0.05	2.7	3.1	3.0	2.7	2.4	2.6	1.1	2.2	
30	38.09	2.20	2.60	6	0.09	0.05	0.04	0.04	0.04	0.04	2.8	3.1	3.2	2.8	2.5	2.4	0.7	1.7	
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.'

* 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.

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				0.6				####
4	yes	0.1				0.5				####
5	yes	0.1				0.6				####
6	yes	0.1				0.5				####
7	yes	0.1				0.7				####
8	yes	0.1				0.6				####
9	yes	0.2				0.5				####
10	yes	0.1				0.7				####
11	yes	0.1				0.9				####
12	yes	0.2				0.9				####
13	yes	0.1				0.9				####
14	yes	0.1				0.6				####
15	yes	0.1				0.6				####
16	yes	0.2				0.7				####
17	yes	0.1				0.8				####
18	yes	0.1				0.8				####
19	yes	0.2				0.8				####
20	yes	0.2				0.8				####
21	yes	0.1				0.8				####
22	yes	0.1				0.8				####
23	yes	0.2				0.8				####
24	yes	0.2				0.3				####
25	yes	0.1				0.6				####
26	yes	0.2				0.7				####
27	yes	0.2				0.7				####
28	yes	0.2				0.5				####
29	yes	0.1				0.3				####
30	yes	0.1				0.5				####
31										####

Month April Year 2020
PWS Name Durant Utilities Authority

PWSID 1010601
Plant Name DWTP
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

5/1/2020

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 April 2020 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. Cleaned up around plant
16. Disinfected lab and facilities twice a shift each shift
17. Mowed and weed eaten Plant as needed
18. Mowed towers when needed
19. Worked on #2 filter replaced battery backup
20. Fixed leak on poly feed line
21. Removed leaking tank from chlorite building
22. Cut up old chlorite tank and hauled to landfill
23. Transferred chlorites from tote to feed tote when needed
24. Put oil in Old Plant flocculators
25. Put oil in Old plant center drive
26. Installed new pressure transmitter in New Plant raw vault
27. Rethreaded tap where pressure line comes out of flow tube
28. Installed new chlorite tank in CLO2 building
29. Pulled #1 raw pump motor and replaced it with a new one
30. Plumbed in new chlorite tank
31. Pulled new signal wire to New Pump vault from transfer pump building and wired it in
32. Worked on #3 old plant filter
33. Treated 115,618,000 of Blue River water

B. Work Planned for January-December

1. Paint buildings
2. Put Gravel at Chuckwa Tower
3. Put Gravel at Raw Pump Station

Approx Start/Finish Date

Time permitting
Time Permitting
Time Permitting

C. Projects Planned and Requested for Authorization

- A. Upgrade backwash motor to 480 volt and do away with 2300 volt in pump building
- B. Upgrade Scada system on Old and New Plant Filters