

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

DURANT CITY UTILITIES AUTHORITY

6:00 PM

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

July 13, 2021

AGENDA

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 June 8, 2021

2. Consider Items Removed from Consent

3. Information Items

- a. Line Maintenance June 2021 Monthly Report
- b. Solid Waste Collection Monthly Report - June 2021
- c. Solid Waste Landfill Monthly Reports - June 2021
- d. Utility Billing Monthly Report - June 2021
- e. Wastewater Treatment Plant Monthly Report
- f. Water Treatment Plant Monthly Reports

4. Administration

5. New Business

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 5th day of November, 2020 and that an agenda of said meeting was posted at the place of such meeting at 5:30 p.m. on the 8th day of July, 2021.

A handwritten signature in cursive script, reading "Cynthia J. Price".

Cynthia J. Price, City of Durant



The City of Durant

Memorandum

Date: 7/13/2021
To: Mayor and City Council
From:
Re: Consider Approval of Regular Meeting Minutes of June 8, 2021

Council Information / Action Requested

Approval of Regular Meeting Minutes of June 8, 2021

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

ATTACHMENTS:

1. DCUA Minutes 06082021 cjp

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 5th day of November, 2020 and that an agenda of said meeting was posted at the place of such meeting at 4:35 p.m. on the 3rd day of June, 2021.



Cynthia J. Price, City of Durant

**MINUTES OF THE MEETING OF DURANT CITY UTILITIES AUTHORITY
June 8, 2021 AT 6:00 PM, Roscoe J. Hatfield
Council Chambers,
300 West Evergreen,
Durant, Oklahoma**

CALL TO ORDER

Chairman Grube called the meeting to order at 6:05 p.m.

ROLL CALL

Present:

Trustee Steve Brittingham
Trustee Humphrey Miller
Trustee Curtis Morris
Vice Chairman Danny Sherrer
Chairman Oden Grube
City Attorney Tom Marcum
City Manager John Dean
City Clerk Cynthia J. Price

Absent:

None

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 11, 2021
- b. Consider Approval of Motion to File the Durant Utility Authority Fiscal Year 2021-22

Financial Plan with City Council

- c. Consider Approval of Resolution R-2021-02B Amending the Comprehensive Fee Schedule for the City of Durant, Durant City Utility Authority, and Durant Airport Authority.

Motion To: Approve Consent Items as Presented.

Motion By: Steve Brittingham

Seconded By: Humphrey Miller

Ayes: Brittingham, Miller, Morris, Sherrer, Grube

Nays: None

Abstain: None

2. Consider Items Removed from Consent

3. Information Items

- a. Line Maintenance Monthly Report-May 2021
- b. Solid Waste Collection Monthly Report - May 2021
- c. Solid Waste Landfill Reports May 2020
- d. Utility Billing Monthly Report - May 2021
- e. Water Treatment Plant Monthly Reports - May 2021

4. Administration

- a. Discussion, Consideration, and Possible on Action Selection of a Solid Waste Disposal Site and Authorize the Mayor Execute an Agreement.

Motion To: Approve Southern Oklahoma Regional Disposal, Inc. as Solid Waste Disposal Site and Authorize Mayor to Execute Southern Oklahoma Regional Disposal, Inc. Disposal Service Agreement

Motion By: Curtis Morris

Seconded By: Humphrey Miller

Ayes: Brittingham, Miller, Morris, Sherrer, Grube

Nays: None

Abstain: None

5. New Business

There was no new business.

ADJOURNMENT

Motion To: Adjourn Meeting

Motion By: Steve Brittingham

Seconded By: Humphrey Miller

Ayes: Brittingham, Miller, Morris, Sherrer, Grube

Nays: None

Abstain: None

Line Maintenance Report for June 2021

Water Leaks Repaired	46
Water Taps Installed	0
Sewer Taps	5

The BIG AMR/AMI project has started and the installers has installed 5423 as of June 30, 2021. Most of these remaining is the larger diameter meters.



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS

June 2021

A. Work Completed:

1. Hauled 21.08 tons of extra hauling
2. Hauled 6 loads of extra hauling
3. Picked up and delivered 9 sharps
4. No abatement this month
5. Cleaned Sunny Side rd. 1 time
6. Replaced 4 dumpsters with new
7. Cleaned dead ends of Cemetery rd. 0 time

B. Work Planned For July 2021

1. Replace dumpsters
2. Pick up trash

C. Work Planned For January 1, 2021 – December 31, 2021

1. Pick up trash
2. Replace dumpsters

D. Projects Planned And Requested For Authorization:

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: JUNE

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

Permit Number: 3507001

Phone Number: 580-931-6606

Total # of Days open: 26

COMPLETE SECTIONS 5-10 ONLY IF SCALES GO DOWN

D A Y	(1) Total weight accepted (tons)	(2) Weight which is reused or recycled in accordance with facility permit (tons)	(3) Weight accepted from a DEQ approved emergency or special event (tons)	(4) Weight accepted from large industrial waste generators with DEQ exemption certificate (tons)	(5) Time scales placed out of service	(6) Time scales placed into service	(7) Total volume accepted (yd3)	(8) Volume which is reused or recycled in accordance with facility permit (yd3)	(9) Volume accepted from a DEQ approved emergency or special event (yd3)	(10) Volume accepted from large industrial waste generators with DEQ exemption certificate (yd3)
1	2.02									
2	11.96									
3	19.16									
4	90.51									
5	2.67									
6										
7	1.42									
8	11.75									
9	27.32									
10	30.13									
11	24.55									
12	0.88									
13										
14	11.3									
15	18.9									
16	32.21									
17	24.18									
18	75.69									
19	6.23									
20										
21	17.29									
22	31.81									
23	28.64									
24	19.76									
25	7.46									
26	5.5									
27										
28	11.04									
29	26.62									
30	29.82									
31										
Total	568.82	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: Benny Cooper

Phone #: 580-924-8358

Date: 7-1-21



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***June 2021***

A. Work Completed for June :

1. Covered C & D Site
2. Hauled MSW To SORD
3. Number of rolloff containers in service end of month 120
4. Number of rolloff containers added to service during month 18
5. Number of rolloff containers removed from service during month 20
6. Number of loaded rolloff containers emptied during month 388

B. Work Planned For July :

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. '21 – Dec. '21:

Approx. Start – Finish Date:

1. Haul trash to Ardmore 1-2021 thru 12-2021

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Memorandum

Date: 7/13/2021
To: Mayor and City Council
From:
Re: Utility Billing Monthly Report - June 2021

Council Information / Action Requested

Information only.

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

ATTACHMENTS:



Monthly Utility Billing,
Cash Collection,

And Consumption Summary

JUNE 2021

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts						
Total Revenue Billed	\$363,197.01	\$3,444,931.19	\$213,655.44	\$2,079,168.18	\$355,884.26	\$2,271,852.20
Adjustments in Dollar	(\$9,455.05)	(\$96,388.68)	(\$11,645.31)	(\$124,937.50)	(\$13,199.57)	(\$161,668.47)
TOTAL CASH RECEIPTS	\$156,729.43	\$2,531,020.87	\$69,310.60	\$1,109,673.52	\$224,017.98	\$2,424,424.57

CONSUMPTION IN GALLONS	103,675,900
------------------------	-------------

NEW SERVICE APPLICATIONS	108
NUMBER OF WALK IN/PHONE PAYMENTS	1,154
MAIL PAYMENTS	1,116
CREDIT CARD PAYMENTS	616
WEB PAYMENTS	1,594
DROP BOX PAYMENTS	421
BANK DRAFT PAYMENTS	954
CREDIT CARD DRAFT PAYMENTS	315
KIOSK	1,430
OTHERS	



THE CITY OF DURANT

Office of the Water Treatment Plant

_2020Yearend Report

A. Projects Completed

- 1) Produced 1,756,016,000 gallons of water
- 2) Used the following chemicals to treat the water
 - a. Alum –786,600 lbs.
 - b. Poly – 14,380 lbs.
 - c. Cl₂ –82,160 lbs.
 - d. Chlorites –104,780 lbs.
 - e. NAOH –70,526 lbs.
 - f. Fluoride – 24,481 lbs.
- 3) Maintained and operated water treatment plant and performed routine maintenance 24/7
- 4) Average costs per 1,000 gallons of water produced were 0.61 cents including labor, chemicals, utilities and repairs.
- 5) Performed walk thru inspections on daily basis
- 6) Pulled TOC and Chlorites samples for required analysis monthly.
- 7) Pulled HAA5 & THM samples for required analysis quarterly
- 8) Submitted annual Water Rights Permit for Oklahoma resource Board
- 9) Attended the following classes:
 - a. OWPCA certification renewal class
- 10) Passed all lab tests required by EPA and DEQ, costs for analysis of TOC, THM, HAA5, Chlorites, Fluoride, Bac T's, Nitrates, VOCS, Lead and Copper and Radioactive chemicals, UCMR3 samples
- 11) Painted steps throughout the plant
- 12) Performed up keep on Lake Durant
- 13) Performed yearly inspection on Dam with engineer
- 14) New fluoride tank had warranty work performed on it
- 15) Had tower lights fixed at Cardinal and Big Lots
- 16) Painted old pump building
- 17) Painted hand rails throughout the plant
- 18) Installed heaters in CL₂ room and alum room
- 19) Pulled #4 and #1 raw pumps to be repaired
- 20) Flooded the new filters had to replace analog modules and level transmitters
- 21) Replaced lights in the raw pump building with LED's
- 22) Installed LED lighting throughout the plant

- 23) Winter storm of 2021 in February
- 24) Fixed leaks on chemical feed lines as they occurred
- 25) Pre-construction meeting for the WP project
- 26) Mowed and weed trimmed off sites as needed
- 27) Removed media from old plant filter #1 for under drain to be replaced
- 28) 13th and Arkansas water tower was refurbished and painted
- 29) Replaced valve stacks on 12" and 24" valves
- 30) Maintained plant grounds throughout the year
- 31) Hired new employee's and trained them

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

Month June Year 2021
PWS Name Durant Water Treatment Plant

PWSID 1010601
Plant Name WTP
Total 29

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

7/1/2021
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

_2020Yearend Report

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

Plant: DWT
PWSID: 1010601
County: Bryan
Month: June 2021

Durant Utilities Authority

P.O. Box 578

Durant, OK

74702

Day	System	Address								City	ZIP																																				
	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	POLYMER	Caustic	Fluoride	Chlorite	OTHER	CHLORINE		"P"	"P"	TOTAL	TOTAL	"P"	"P"					TOTAL	TOTAL	RAW	FILT		FILT	RAW	FILT	RAW	FILT									
		1	2	3	4	5	6	7	8								PRE	POST																													
1	3620.0	0	24	24	24	24	24	24	24	0.0	2500.0	100.0	1100.0	0.0	260.0		210.0	90.0	0.0	0.0	76.0	86.0	0.0	0.0	54.0	62.0	7.2	7.3	7.0	62.0	88.00	76.00															
2	3607.0	0	24	24	24	24	24	24	24	0.0	2600.0	100.0	963.0	0.0	260.0		210.0	90.0	0.0	0.0	70.0	88.0	0.0	0.0	76.0	66.0	6.8	7.0	7.4	68.0	88.00	84.00															
3	4301.0	0	23	23	23	24	24	24	24	60.0	2500.0	100.0	1238.0	0.0	260.0		210.0	90.0	0.0	0.0	80.0	80.0	0.0	0.0	64.0	58.0	7.1	7.2	6.9	66.0	104.00	88.00															
4	4650.0	0	24	24	24	23	23	24	24	70.0	2800.0	100.0	1100.0	0.0	260.0		260.0	100.0	0.0	0.0	60.0	80.0	0.0	0.0	72.0	62.0	7.0	6.9	6.9	64.0	90.00	84.00															
5	4582.0	0	24	24	24	24	24	23	23	64.0	2800.0	100.0	1375.0	0.0	260.0		270.0	110.0	0.0	0.0	76.0	84.0	0.0	0.0	64.0	66.0	6.8	6.8	7.1	60.0	84.00	80.00															
6	4606.0	0	24	24	24	24	24	24	24	0.0	2900.0	100.0	1100.0	0.0	260.0		270.0	70.0	0.0	0.0	84.0	84.0	0.0	0.0	70.0	66.0	7.0	7.2	7.1	80.0	86.00	82.00															
7	4593.0	0	23	23	23	24	24	24	24	105.0	3100.0	100.0	963.0	0.0	260.0		290.0	110.0	0.0	0.0	84.0	80.0	0.0	0.0	66.0	64.0	6.8	6.7	7.0	94.0	86.00	78.00															
8	4555.0	0	24	24	24	24	24	24	24	0.0	2900.0	100.0	1238.0	0.0	260.0		280.0	100.0	0.0	0.0	90.0	90.0	0.0	0.0	62.0	74.0	7.0	6.9	6.9	80.0	102.00	88.00															
9	4566.0	0	24	24	24	23	23	24	24	55.0	3100.0	100.0	1375.0	0.0	260.0		290.0	110.0	0.0	0.0	82.0	90.0	0.0	0.0	70.0	74.0	7.0	7.0	6.9	78.0	98.00	80.00															
10	4364.0	0	24	24	24	24	24	23	23	50.0	3000.0	50.0	1375.0	0.0	240.0		170.0	130.0	0.0	0.0	84.0	248.0	0.0	0.0	62.0	70.0	7.1	7.1	6.9	78.0	92.00	94.00															
11	4389.0	0	23	23	23	24	24	24	24	80.0	2400.0	50.0	825.0	0.0	240.0		170.0	130.0	0.0	0.0	256.0	258.0	0.0	0.0	154.0	180.0	7.8	7.2	7.3	82.0	280.00	182.00															
12	4315.0	0	24	24	24	24	24	24	24	0.0	3900.0	50.0	688.0	0.0	240.0		170.0	100.0	0.0	0.0	264.0	240.0	0.0	0.0	218.0	224.0	7.9	7.4	7.4	144.0	280.00	250.00															
13	4364.0	0	24	24	24	24	24	24	24	0.0	3200.0	50.0	275.0	0.0	240.0		160.0	90.0	0.0	0.0	230.0	234.0	0.0	0.0	198.0	198.0	7.9	7.3	6.8	200.0	244.00	256.00															
14	4640.0	0	24	24	24	23	23	24	24	55.0	3100.0	50.0	0.0	0.0	260.0		110.0	110.0	0.0	0.0	236.0	240.0	0.0	0.0	186.0	184.0	7.9	7.1	6.8	196.0	250.00	250.00															
15	4922.0	0	24	24	24	24	24	23	23	53.0	3200.0	50.0	0.0	0.0	280.0		160.0	100.0	0.0	0.0	252.0	256.0	0.0	0.0	192.0	206.0	8.0	7.1	7.1	190.0	252.00	242.00															
16	5101.0	0	23	23	23	24	24	24	24	90.0	3400.0	50.0	0.0	0.0	300.0		160.0	100.0	0.0	0.0	254.0	260.0	0.0	0.0	200.0	212.0	8.0	7.2	7.2	192.0	264.00	258.00															
17	5096.0	0	24	24	24	24	24	24	24	0.0	3100.0	50.0	0.0	53.0	300.0		140.0	100.0	0.0	0.0	262.0	250.0	0.0	0.0	222.0	214.0	8.0	7.2	7.2	228.0	268.00	266.00															
18	5074.0	0	24	24	24	23	23	24	24	53.0	3200.0	50.0	0.0	70.0	300.0		130.0	110.0	0.0	0.0	248.0	260.0	0.0	0.0	218.0	216.0	8.0	7.2	7.2	220.0	290.00	276.00															
19	5542.0	0	24	24	24	24	24	23	23	54.0	3200.0	50.0	0.0	76.0	320.0		150.0	130.0	0.0	0.0	254.0	260.0	0.0	0.0	220.0	218.0	8.0	7.2	7.0	212.0	280.00	282.00															
20	5731.0	0	23	23	23	24	24	24	24	90.0	3200.0	0.0	0.0	79.0	340.0		140.0	100.0	0.0	0.0	268.0	254.0	0.0	0.0	218.0	224.0	7.9	7.2	7.1	214.0	260.00	260.00															
21	5785.0	0	24	24	24	24	23	24	24	30.0	3100.0	0.0	0.0	79.0	340.0		180.0	120.0	0.0	0.0	266.0	254.0	0.0	0.0	216.0	222.0	8.0	7.2	7.2	218.0	264.00	262.00															
22	5254.0	0	24	24	24	23	24	24	24	30.0	4000.0	0.0	0.0	72.0	320.0		180.0	120.0	0.0	0.0	256.0	240.0	0.0	0.0	216.0	208.0	7.9	7.2	7.4	224.0	260.00	270.00															
23	4758.0	0	24	24	24	24	24	23	23	57.0	3500.0	0.0	0.0	65.0	300.0		120.0	100.0	0.0	0.0	244.0	232.0	0.0	0.0	214.0	192.0	8.0	7.2	7.2	220.0	282.00	270.00															
24	4823.0	0	23	23	23	24	24	24	24	75.0	3000.0	0.0	0.0	66.0	260.0		120.0	100.0	0.0	0.0	254.0	250.0	0.0	0.0	200.0	208.0	8.1	7.2	7.1	206.0	260.00	250.00															
25	5412.0	0	24	24	24	23	23	24	24	54.0	3000.0	0.0	0.0	74.0	260.0		180.0	100.0	0.0	0.0	270.0	258.0	0.0	0.0	226.0	222.0	8.0	7.2	7.1	222.0	282.00	282.00															
26	5747.0	0	24	24	24	24	24	23	23	45.0	3300.0	0.0	0.0	79.0	340.0		170.0	130.0	0.0	0.0	258.0	266.0	0.0	0.0	218.0	230.0	8.0	7.2	7.2	216.0	288.00	290.00															
27	5417.0	0	23	23	23	24	24	24	24	75.0	3000.0	0.0	0.0	74.0	300.0		70.0	110.0	0.0	0.0	262.0	258.0	0.0	0.0	226.0	232.0	8.0	7.2	7.2	226.0	268.00	270.00															
28	5344.0	0	24	24	24	24	24	24	24	0.0	2700.0	0.0	0.0	73.0	300.0		0.0	120.0	0.0	0.0	258.0	254.0	0.0	0.0	218.0	224.0	8.1	7.4	7.2	224.0	258.00	260.00															
29	5108.0	0	24	24	24	23	23	24	24	59.0	4200.0	0.0	0.0	70.0	280.0		0.0	160.0	0.0	0.0	254.0	276.0	0.0	0.0	214.0	214.0	8.1	7.3	7.4	216.0	256.00	254.00															
30	4982.0	0	24	24	24	24	24	24	24	0.0	3900.0	0.0	0.0	68.0	280.0		0.0	100.0	0.0	0.0	260.0	256.0	0.0	0.0	208.0	204.0	8.1	7.1	7.4	216.0	270.00	254.00															
31																																															
Tot	145248.0		713.0	713.0	713.0	713.0	713.0	714.0	714.0	1304.0	93800.0	1400.0	13615.0	998.0	8380.0		4970.0	3230.0																													
Avg	4841.6		23.8	23.8	23.8	23.8	23.8	23.8	23.8	43.5	3126.7	46.7	453.8	33.3	279.3		165.7	107.7			196.4	202.2			161.4	163.1	7.7	7.1	7.1	159.9	209.1	200.6															
Power Costs		\$17,651.21																																													
Labor Costs		\$49,250.80																																													
Chemicals		\$21,343.21																																													
Supplies		\$2,609.45																																													
Repairs		\$554.55																																													
Testing Cost		\$110.00																																													
TOTAL		\$91,519.22																																													
Cost per thousand gallons		\$0.63																																													
										Ave Rate of Wash (Vert. in/min)																				I hereby certify the above to be correct to the best of my knowledge.																	
										Ave Wash Period (Minutes)																				Signed <u>Phillip Hightower</u>																	
										%																		0.90%		Print Phillip Hightower																	
										Ave. Head Loss for Washing																				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: **June 2021**

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	0.14
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)	

				# 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	8.90	1.10	1.10	6	0.04	0.04	0.04	0.03	0.03	0.03	2.4	2.4	2.5	2.7	2.6	2.6	0.6	1.1	
2	7.27	1.10	1.30	6	0.04	0.04	0.04	0.04	0.04	0.04	2.7	2.1	2.3	2.3	2.3	2.2	2.2	1.7	
3	6.43	1.30	1.40	6	0.04	0.06	0.05	0.04	0.04	0.04	2.3	2.6	3.0	2.5	2.4	2.3	1.8	1.2	
4	14.40	1.60	1.40	6	0.05	0.12	0.09	0.06	0.05	0.06	2.3	2.7	2.9	2.5	2.4	2.3	1.0	1.2	
5	12.70	1.50	1.70	6	0.06	0.07	0.12	0.07	0.14	0.08	2.5	2.8	2.8	3.0	2.3	2.1	0.8	1.0	
6	9.76	1.70	1.50	6	0.09	0.09	0.08	0.06	0.07	0.06	2.3	2.4	2.4	2.5	2.3	2.2	1.8	0.7	
7	7.27	1.40	1.30	6	0.06	0.09	0.06	0.05	0.04	0.04	2.4	2.6	3.1	2.8	2.7	2.4	1.8	0.9	
8	5.53	1.10	1.20	6	0.04	0.04	0.04	0.04	0.04	0.04	2.3	2.5	2.6	2.7	2.5	2.3	2.1	1.5	
9	12.70	1.10	1.00	6	0.09	0.05	0.05	0.04	0.04	0.05	2.3	2.5	2.8	2.7	2.5	2.4	0.8	1.4	
10	13.30	2.20	2.70	6	0.08	0.14	0.05	0.05	0.05	0.05	2.4	2.6	2.6	2.5	2.5	2.2	1.5	1.1	
11	23.60	3.40	2.50	6	0.06	0.09	0.04	0.04	0.04	0.04	2.3	2.7	2.9	2.8	2.6	2.4	1.2	1.2	
12	19.40	1.90	2.50	6	0.04	0.07	0.04	0.04	0.04	0.04	2.5	2.7	2.2	2.9	2.8	2.7	1.4	1.8	
13	23.13	1.70	1.70	6	0.04	0.04	0.04	0.04	0.04	0.04	2.7	3.0	3.1	3.1	2.9	2.7	2.4	1.5	
14	13.13	1.90	2.50	6	0.05	0.04	0.04	0.04	0.04	0.04	2.8	2.7	2.9	2.8	2.6	2.5	2.5	2.2	
15	11.43	2.20	2.90	6	0.04	0.04	0.04	0.04	0.04	0.05	2.6	2.9	3.0	3.0	2.5	2.5	1.9	1.2	
16	12.27	1.60	2.60	6	0.10	0.03	0.03	0.03	0.03	0.03	2.9	3.3	3.3	3.0	2.6	2.5	1.8	2.9	
17	12.25	1.90	2.80	6	0.03	0.03	0.03	0.03	0.03	0.03	2.9	3.1	3.2	2.9	2.6	2.8	1.0	2.8	
18	10.58	2.00	2.90	6	0.07	0.04	0.04	0.04	0.04	0.04	3.0	3.3	3.3	2.9	2.6	2.7	2.0	2.9	
19	9.78	1.90	2.90	6	0.06	0.04	0.07	0.04	0.04	0.04	3.0	3.4	3.0	2.6	2.4	2.8	2.4	2.8	
20	13.13	1.90	2.90	6	0.05	0.05	0.03	0.03	0.03	0.03	3.0	3.1	3.2	2.6	2.5	2.9	2.4	2.0	
21	11.44	1.60	2.40	6	0.04	0.08	0.03	0.03	0.03	0.03	3.1	3.2	3.2	2.9	2.9	2.7	2.7	2.9	
22	13.13	1.20	3.10	6	0.04	0.04	0.04	0.03	0.03	0.04	2.9	3.1	3.0	3.1	2.5	2.4	2.3	2.7	
23	25.64	1.40	3.00	6	0.04	0.03	0.03	0.03	0.03	0.03	2.8	3.4	3.3	3.3	2.8	2.3	2.4	1.6	
24	17.00	2.20	3.10	6	0.04	0.07	0.03	0.03	0.03	0.03	2.3	2.7	3.0	2.7	2.4	2.2	2.5	2.5	
25	8.92	2.70	3.60	6	0.06	0.03	0.03	0.03	0.03	0.03	2.4	2.8	2.9	2.5	2.2	2.5	2.1	2.6	
26	13.11	2.00	3.10	6	0.03	0.03	0.03	0.03	0.03	0.05	2.7	2.9	3.1	2.8	2.4	2.6	2.1	1.9	
27	9.80	2.10	2.80	6	0.03	0.03	0.03	0.03	0.04	0.04	3.1	3.1	3.1	2.9	2.5	2.5	2.4	1.9	
28	8.11	3.60	3.10	6	0.03	0.03	0.04	0.04	0.04	0.05	2.9	2.7	2.7	2.7	2.6	2.6	2.4	1.7	
29	7.78	1.50	2.20	6	0.07	0.04	0.04	0.04	0.04	0.04	2.6	2.6	2.6	2.5	2.6	2.6	2.3	1.6	
30	35.60	1.40	3.70	6	0.04	0.04	0.04	0.04	0.04	0.04	2.5	2.5	2.5	2.2	2.2	2.3	2.3	1.0	
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.



THE CITY OF DURANT

Office of the Water Treatment Plant

Water Treatment Plant Projects Schedule June 2021 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. Repaired the sump pump in the finished water vault
17. Dug up 12" and 24" valves in the road and installed new valve stacks on them
18. Street Dept. came out and fixed the road where we dug up the valves
19. Changed spark plugs, air filter and fuel filter on lawn mower
20. Mowed towers and pump stations
21. Put ignition modules on both cylinders of the lawn mower
22. OG&E sent a contractor to fix underground electric lines at the raw pump station
23. Fixed the fence over at the Dam going down the road behind the dam
24. Gave a tour of the Plant to the Interim PW Director
25. Westech came and measured #1 old plant filter
26. Attended Safety meetings
27. Replaced the u joint on the New Plant rapid mixer
28. Replaced a light switch in the alum room
29. Fixed water leak in the road outside of the lawn mower building
30. Mowed the Lagoons
31. Blew out the radiator on the tractor
32. Put a UPS in the Communications cabinet out at the Airport tower
33. Treated 145,248,000 gallons of water

B. Work Planned for January-December

1. Repair #1 raw Pump
2. Install #4 raw Pump
3. Have towers inspected and cleaned

Approx Start/Finish Date

Time permitting
When we receive it
Time permitting

C. Projects Planned and Requested for Authorization

None At this Time