

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**

August 10, 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 Called Meeting Minutes of July 13, 2021

2. Consider Items Removed from Consent

3. Information Items

- a. Line Maintenance Monthly Report - July 2021
- b. Solid Waste Collection Monthly Report - July 2021
- c. Solid Waste Landfill Monthly Report - July 2021
- d. Street Department Monthly Report - July 2021
- e. Utility Billing Monthly Report - July 2021
- f. Waste Water Treatment Plant Monthly Report - July 2021
- g. Water Treatment Plant Monthly Reports - July 2021

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 4:30 p.m. on the 5th day of August, 2021.



Cynthia J. Price, City of Durant



The City of Durant

Memorandum

Date: 8/10/2021
To: Mayor and City Council
From:
Re: Consider Approval of Regular Called Meeting Minutes of July 13, 2021

Council Information / Action Requested

Approval of Regular Called Meeting Minutes of July 13, 2021

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

ATTACHMENTS:

1. DCUA Minutes 07132021 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 5:30 p.m. on the 8th day of July, 2021.



Cynthia J. Price, City of Durant

**MINUTES OF THE MEETING OF DURANT CITY UTILITIES AUTHORITY
July 13, 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 6:50 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 June 8, 2021

Motion To: Approve consent items as presented.

Motion By: Curtis Morris

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 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

There was no new business

.

ADJOURNMENT

Motion To: Adjourn meeting

Motion By: Danny Sherrer

Seconded By: Humphrey Miller

Ayes: Brittingham, Miller, Morris, Sherrer, Grube

Nays: None

Abstain: None

Line Maintenance Report for July 2021

Water Leaks Repaired	37
Water Taps Installed	4
Sewer Taps	2

The BIG AMR/AMI project has started and the installers has installed 5846 as of July 30, 2021. Most of these remaining is the larger diameter meters.



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS

July 2021

A. Work Completed:

1. Hauled 41.56 tons of extra hauling
2. Hauled 17 loads of extra hauling
3. Picked up and delivered 12 sharps
4. No abatement this month
5. Cleaned Sunny Side rd. 2 times
6. Replaced 2 dumpsters with new
7. Cleaned dead ends of Cemetery rd. 0 time

B. Work Planned For August 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: JULY 2021

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	66.94									
2										
3	0.64									
4										
5	18.11									
6	34.45									
7	22.68									
8	23.33									
9	15.91									
10	24.37									
11										
12	11.54									
13	37.97									
14	45.58									
15	11.9									
16	2.83									
17	5.56									
18										
19	8.92									
20	50.09									
21	51.91									
22	14.06									
23	18.06									
24	7.26									
25										
26	8.19									
27	4.53									
28	20.16									
29	11.48									
30	8.6									
31	13.47									
Total	538.54	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: Berneth Cooper

Phone #: 580-924-8358

Date: 8-2-21



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE *July 2021*

A. Work Completed for July :

1. Covered C & D Site
2. Hauled MSW To SORD
3. Number of rolloff containers in service end of month 125
4. Number of rolloff containers added to service during month 24
5. Number of rolloff containers removed from service during month 19
6. Number of loaded rolloff containers emptied during month 344

B. Work Planned For August :

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

Office of the Street Department

Monthly Report
July 1, 2021 – July 31, 2021

Tasks Completed:

1. Asphalt street repair was done at many locations throughout the city
2. Installed culvert on 14th and Georgia
3. Street sweeping was done at various locations within the community
4. Traffic signal maintenance was done at various locations within the city
5. Street sign repair, installations, relocations and 10 stop signs replaced, 8 4ways, and 1 street sign.
6. We have poured several yards of concrete
7. Filled 1900 potholes in the city
8. Fixed 100 street cuts throughout the city
9. We have repaired 1 storm drain

Planned Tasks:

1. Continue street maintenance activities
2. Drainage improvements at Carl Albert Park
3. Relocate and improve signage throughout the city
4. City wide pothole repair and utility cut repair (asphalt and/or concrete)
5. Continue downtown brick street project

Respectfully Submitted,

Carl Meade



The City of Durant

Memorandum

Date: 8/10/2021
To: Mayor and City Council
From:
Re: Utility Billing Monthly Report - July 2021

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

1. Utility Billing Monthly Report - July 2021



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

JULY 2021

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	7117		6203		6864	
Total Revenue Billed	\$250,204.13	\$250,204.13	\$212,263.49	\$212,263.49	\$378,958.78	\$378,958.78
Adjustments in Dollar	(\$7,136.03)	(\$7,136.03)	(\$39,742.63)	(\$39,742.63)	(\$13,225.76)	(\$13,225.76)
TOTAL CASH RECEIPTS	\$298,870.05	\$298,870.05	\$129,680.71	\$129,680.71	\$218,557.48	\$218,557.48

CONSUMPTION IN GALLONS	101,627,700
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NEW SERVICE APPLICATIONS	89
NUMBER OF WALK IN/PHONE PAYMENTS	1,185
MAIL PAYMENTS	1,163
CREDIT CARD PAYMENTS	1,226
WEB PAYMENTS	1,693
DROP BOX PAYMENTS	397
BANK DRAFT PAYMENTS	951
CREDIT CARD DRAFT PAYMENTS	468
KIOSK	1,473
OTHERS	



The City of Durant

Office of the Wastewater Treatment Plant

PROJECTS SCHEDULE

WORK PLANNED FOR AUGUST 2021

- 1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (Ongoing)
- 2: CLEAN CLARIFIER WEIRS
- 3: VEHICLE INSPECTION
- 4: CLEAN SCUM PUMP STATION
- 5: CLEAN DRAIN LIFT STATION
- 6: CHECK CLARIFIER OIL WEEKLY
- 7: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER
- 8: FIX CHOCTAW SCREEN PRESS PUMP (Ongoing)
- 9: CONSTRUCTION STARTED ON SLUDGE PRESS. (Ongoing)
- 10: WALK-THRU INSPECTION
- 11: WASH DOWN STEP SCREEN
- 12: CLEAN UV TROUGHS AND FLUME
- 13: CHECK ELECTRIC MANHOLES
- 14: CLEAN OUT BUILDINGS
- 15: MANUALLY CHECK U.V. BULBS
- 16: WASH DOWN CASINO STEPSCREEN
- 17: CHECK ALL AUTOMATIC VALVES (Ongoing)
- 18: SCUM PUMP STATION PUT ON FLOATS (Ongoing)
- 19: INSTALL NEW LEVEL CONTROL AT HEADWORKS (Ongoing)
- 20: REPLACE ICE MACHING USED FOR PRESERVING SAMPLES (Ongoing)



The City of Durant

Office of the Wastewater Treatment Plant

PROJECTS SCHEDULE

WORK DONE FOR JULY 2021

- 1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (Ongoing)
- 2: CLEAN CLARIFIER WEIRS (7/1/21)
- 3: VEHICLE INSPECTION (7/5/21)
- 4: CLEAN SCUM PUMP STATION (7/9/21)
- 5: CLEAN DRAIN LIFT STATION (7/8/21)
- 6: CHECK CLARIFIER OIL WEEKLY (7/7, 7/14, 7/21, 7/28/21)
- 7: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER (7/22/21)
- 8: FIX CHOCTAW SCREEN PRESS PUMP (Ongoing)
- 9: CONSTRUCTION STARTED ON SLUDGE PRESS. (Ongoing)
- 10: WALK-THRU INSPECTION (Ongoing)
- 11: WASH DOWN STEP SCREEN (7/12/21)
- 12: CLEAN UV TROUGHS AND FLUME (7/5, 7/12, 7/19, 7/26/21)
- 13: CHECK ELECTRIC MANHOLES (7/20/21)
- 14: CLEAN OUT BUILDINGS (Ongoing)
- 15: MANUALLY CHECK U.V. BULBS (7/5, 7/12, 7/19, 7/26/21)
- 16: WASH DOWN CASINO STEPSCREEN (7/8/21)
- 17: CHECK ALL AUTOMATIC VALVES (Ongoing)
- 18: SCUM PUMP STATION PUT ON FLOATS (Ongoing)
- 19: INSTALL NEW LEVEL CONTROL AT HEADWORKS (Ongoing)
- 20: REPLACE AC UNITS (SBR BUILDING & PRIMARY BUILDING) (7/16/21)
- 21: REPLACE EFFLUENT SAMPLER (7/19/21)
- 22: REPLACE ICE MACHING USED FOR PRESERVING SAMPLES (Ongoing)



THE CITY OF DURANT

Office of the Wastewater Treatment Plant

Lab Report

7/1/21 to 7/31/21

Tests Processed

<u>74</u>	Bac-t's
<u>87</u>	BOD's
<u>22</u>	TSS's
<u>50</u>	NH3's
<u>60</u>	DO's
<u>60</u>	pH's
<u>53</u>	Ecoli's
<u>1</u>	FOG's
<u>20</u>	cBOD's
<u>20</u>	Total Solids
<u>12</u>	Settleable Solids
<u>114</u>	Settleometer Test

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

Memorandum

Date: 8/10/2021
To: Mayor and City Council
From:
Re: Water Treatment Plant Monthly Reports - July 2021

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

1. July 21 fluoride mor
2. July 2021 MOR #1
3. July 2021 MOR #2
4. July CLO2 MOR (Autosaved)
5. July Monthly Report

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

PWSID 1010601 SYSTEM Durant Ok (SW) MONTH July
Type of Material Applied* Hydrofluorosilicic Acid Year 2021

Date	Water Treated (1000s of Gallons)	Applied		Residual Fluoride (F), ppm			
		lbs.	PPM of F	Raw		Distribution	
				(1)	(2)	(1)	(2)
1	5005	69	0.30	0.03	0.0	0.46	0.48
2	4946	68	0.30	0.0	0.00	0.55	0.49
3	4925	68	0.30	0.0	0.00	0.62	0.43
4	4791	66	0.30	0.0	0.01	0.82	0.56
5	4951	68	0.30	0.0	0.03	0.70	0.63
6	5312	73	0.3	0.03	0.00	0.59	0.29
7	5618	77	0.3	0.02	0.00	0.57	0.57
8	5663	78	0.3	0.01	0.04	0.42	0.49
9	6155	85	0.3	0.19	0.09	0.46	0.56
10	5986	82	0.3	0.0	0.00	0.68	0.31
11	5637	77	0.3	0.0	0.00	0.49	0.44
12	5580	77	0.3	0.0	0.06	0.54	0.66
13	4934	68	0.3	0.0	0.00	0.70	0.36
14	4630	64	0.3	0.0	0.00	0.38	0.34
15	4503	62	0.3	0.06	0.00	0.66	0.67
16	5015	69	0.3	0.0	0.12	0.70	0.53
17	5040	69	0.3	0.0	0.04	0.30	0.44
18	5145	71	0.3	0.0	0.00	0.57	0.54
19	5104	70	0.3	0.0	0.03	0.50	0.64
20	4651	64	0.3	0.0	0.00	0.59	0.44
21	5400	74	0.3	0.0	0.00	0.54	0.52
22	5186	71	0.3	0.0	0.00	0.53	0.68
23	5323	73	0.3	0.0	0.0	0.38	0.62
24	5942	82	0.3	0.0	0.00	0.35	0.48
25	5501	76	0.3	0.0	0.00	0.53	0.48
26	5477	75	0.3	0.0	0.14	0.54	0.62
27	6322	87	0.3	0.14	0.05	0.48	0.36
28	6944	95	0.3	0.09	0.04	0.64	0.44
29	6978	96	0.3	0.01	0.05	0.44	0.51
30	7068	97	0.3	0.53	0.01	1.00	0.57
31	6573	90	0.3	0.11	0.00	0.57	0.48
Total	170307	2341	9.3	1.23	0.71	17.3	15.68
Average	5493	76	0.3	0.04	0.02	0.56	0.51

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

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

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

AND

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

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

Signed Phillip Hightower
Title Superintendent
City Durant OK

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

Plant: DWT
PWSID: 1010601
County: Bryan
Month: Jul-21

Durant Utilities Authority

P.O. Box 578

Durant, OK

74702

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		Special Test		REMARKS		
		FILTERS USED-HOURS									ALUM	POLYMER	Caustic	Fluoride	Chlorite	OTHER	CHLORINE				TOTAL	TOTAL	"P"	"P"	TOTAL					TOTAL	RAW	FILT	FILT		RAW	FILT
		1	2	3	4	5	6	7	8								PRE	POST																		
1	5005.0	0	23	23	23	24	24	23	23	156.0	4700.0	0.0	0.0	69.0	280.0		0.0	140.0	0.0	0.0	276.0	268.0	0.0	0.0	224.0	224.0	8.0	7.2	7.2	222.0	282.00	270.00				
2	4946.0	0	24	24	24	24	24	24	24	0.0	5000.0	0.0	0.0	68.0	280.0		200.0	140.0	0.0	0.0	190.0	180.0	0.0	0.0	208.0	182.0	7.8	7.2	7.1	216.0	229.00	290.00				
3	4925.0	0	24	24	24	24	24	24	24	0.0	5100.0	0.0	0.0	68.0	280.0		200.0	110.0	0.0	0.0	114.0	140.0	0.0	0.0	144.0	104.0	7.5	6.9	6.7	210.0	146.00	218.00				
4	4791.0	0	24	24	24	23	23	24	24	64.0	3800.0	0.0	0.0	66.0	280.0		160.0	110.0	0.0	0.0	190.0	212.0	0.0	0.0	84.0	88.0	7.9	6.7	6.7	170.0	196.00	166.00				
5	4951.0	0	24	24	24	24	24	23	23	60.0	2900.0	0.0	0.0	68.0	280.0		90.0	130.0	0.0	0.0	230.0	240.0	0.0	0.0	134.0	154.0	8.1	6.9	6.9	122.0	240.00	204.00				
6	5312.0	0	23	23	23	24	24	24	24	75.0	3000.0	0.0	0.0	73.0	300.0		0.0	150.0	0.0	0.0	246.0	232.0	0.0	0.0	180.0	198.0	8.0	7.1	7.4	156.0	244.00	236.00				
7	5618.0	0	24	24	24	24	24	24	24	0.0	3000.0	0.0	0.0	77.0	320.0		0.0	160.0	0.0	0.0	248.0	234.0	0.0	0.0	202.0	200.0	8.1	7.3	7.5	188.0	256.00	260.00				
8	5663.0	0	24	24	24	23	23	24	24	59.0	3000.0	0.0	0.0	78.0	320.0		0.0	160.0	0.0	0.0	246.0	260.0	0.0	0.0	208.0	214.0	8.1	7.3	7.3	206.0	252.00	246.00				
9	6155.0	0	24	24	24	24	24	24	24	0.0	3400.0	0.0	0.0	85.0	360.0		0.0	180.0	0.0	0.0	252.0	260.0	0.0	0.0	228.0	220.0	8.1	7.3	7.3	202.0	272.00	272.00				
10	5986.0	0	23	23	23	24	24	23	23	148.0	2900.0	0.0	0.0	82.0	340.0		0.0	160.0	0.0	0.0	254.0	260.0	0.0	0.0	212.0	220.0	7.9	7.1	7.3	212.0	260.00	252.00				
11	5637.0	0	24	24	24	24	24	24	24	0.0	3300.0	0.0	0.0	77.0	340.0		0.0	160.0	0.0	0.0	244.0	258.0	0.0	0.0	216.0	220.0	7.9	7.2	7.1	226.0	246.00	254.00				
12	5580.0	0	24	24	24	23	23	23	23	150.0	3200.0	0.0	0.0	77.0	340.0		0.0	150.0	0.0	0.0	248.0	264.0	0.0	0.0	222.0	220.0	8.0	7.4	7.3	224.0	254.00	252.00				
13	4934.0	0	24	24	24	24	24	24	24	0.0	3100.0	0.0	0.0	68.0	300.0		0.0	130.0	0.0	0.0	224.0	238.0	0.0	0.0	218.0	202.0	7.9	7.2	7.4	222.0	262.00	262.00				
14	4630.0	0	23	23	23	24	24	24	24	90.0	3400.0	0.0	0.0	64.0	300.0		0.0	120.0	0.0	0.0	268.0	244.0	0.0	0.0	220.0	206.0	8.1	7.3	7.4	228.0	298.00	250.00				
15	4503.0	0	24	24	24	23	23	24	24	53.0	3100.0	0.0	0.0	62.0	300.0		0.0	120.0	0.0	0.0	254.0	260.0	0.0	0.0	228.0	220.0	8.1	7.3	7.3	216.0	284.00	278.00				
16	5015.0	0	24	24	24	24	24	23	23	57.0	3200.0	0.0	0.0	69.0	300.0		0.0	200.0	0.0	0.0	250.0	240.0	0.0	0.0	220.0	210.0	8.0	7.3	7.3	234.0	254.00	250.00				
17	5040.0	0	23	23	23	24	24	24	24	80.0	3000.0	0.0	0.0	69.0	340.0		0.0	160.0	0.0	0.0	218.0	240.0	0.0	0.0	212.0	192.0	7.9	7.1	7.1	210.0	238.00	238.00				
18	5145.0	0	24	24	24	23	23	24	24	70.0	2300.0	0.0	0.0	71.0	300.0		90.0	150.0	0.0	0.0	240.0	246.0	0.0	0.0	190.0	206.0	7.9	7.2	7.2	200.0	256.00	240.00				
19	5104.0	0	24	24	24	24	24	24	24	0.0	2000.0	0.0	0.0	70.0	300.0		120.0	150.0	0.0	0.0	244.0	246.0	0.0	0.0	208.0	216.0	8.0	7.2	7.3	206.0	258.00	252.00				
20	4651.0	0	23	23	23	24	24	23	23	163.0	5100.0	0.0	0.0	64.0	300.0		170.0	120.0	0.0	0.0	240.0	194.0	0.0	0.0	194.0	190.0	8.0	7.2	7.3	204.0	232.00	234.00				
21	5400.0	0	24	24	24	24	24	24	24	0.0	5500.0	0.0	0.0	74.0	360.0		200.0	130.0	0.0	0.0	108.0	112.0	0.0	0.0	162.0	116.0	7.5	7.0	6.8	202.0	140.00	224.00				
22	5186.0	0	24	24	24	24	24	24	24	0.0	5100.0	0.0	0.0	71.0	360.0		200.0	110.0	0.0	0.0	124.0	144.0	0.0	0.0	76.0	74.0	7.3	6.5	6.4	186.0	150.00	160.00				
23	5325.0	0	24	24	24	23	23	24	24	50.0	4300.0	0.0	0.0	73.0	360.0		160.0	120.0	0.0	0.0	134.0	146.0	0.0	0.0	82.0	86.0	7.5	6.6	6.5	120.0	142.00	142.00				
24	5942.0	0	23	23	23	24	24	23	23	162.0	4200.0	0.0	0.0	82.0	380.0		160.0	120.0	0.0	0.0	150.0	160.0	0.0	0.0	94.0	100.0	7.6	6.7	6.7	120.0	188.00	150.00				
25	5501.0	0	24	24	24	24	24	24	24	0.0	4300.0	0.0	0.0	76.0	380.0		170.0	130.0	0.0	0.0	170.0	192.0	0.0	0.0	120.0	130.0	7.8	6.8	6.8	130.0	216.00	170.00				
26	5477.0	0	24	24	24	24	23	24	24	26.0	3700.0	0.0	0.0	75.0	380.0		200.0	120.0	0.0	0.0	216.0	226.0	0.0	0.0	144.0	154.0	7.9	6.9	6.9	140.0	240.00	202.00				
27	6322.0	0	23	24	23	24	24	24	24	65.0	4200.0	0.0	0.0	87.0	380.0		200.0	160.0	0.0	0.0	246.0	250.0	0.0	0.0	186.0	198.0	8.0	7.1	7.1	172.0	250.00	232.00				
28	6944.0	0	24	24	24	23	23	23	23	124.0	4700.0	0.0	0.0	95.0	380.0		160.0	100.0	0.0	0.0	258.0	246.0	0.0	0.0	208.0	210.0	8.0	7.1	7.2	194.0	256.00	250.00				
29	6978.0	0	24	23	24	24	24	24	24	30.0	4100.0	0.0	0.0	96.0	380.0		200.0	140.0	0.0	0.0	226.0	242.0	0.0	0.0	218.0	198.0	7.9	7.2	7.1	210.0	236.00	258.00				
30	7068.0	0	23	24	23	24	23	24	24	79.0	4300.0	0.0	0.0	97.0	380.0		200.0	120.0	0.0	0.0	250.0	240.0	0.0	0.0	196.0	192.0	8.0	7.1	7.0	216.0	254.00	244.00				
31	6573.0	0	24	24	24	23	24	23	23	96.0	3800.0	0.0	0.0	90.0	360.0		160.0	100.0	0.0	0.0	258.0	242.0	0.0	0.0	212.0	206.0	7.9	7.1	7.1	220.0	262.00	250.00				
Tot	170307.0		735.0	736.0	735.0	736.0	735.0	735.0	735.0	1857.0	116700.0			2341.0	10260.0		3040.0	4250.0																		
Avg	5493.8		23.7	23.7	23.7	23.7	23.7	23.7	23.7	59.9	3764.5			75.5	331.0		98.1	137.1			219.9	223.1			182.3	179.0	7.9	7.1	7.1	193.0	235.3	232.5				
Power Costs		\$23,033.91																																		
Labor Costs		\$46,250.80																																		
Chemicals		\$19,644.07																																		
Supplies		\$662.76																																		
Repairs		\$742.71																																		
Testing Cost		\$1,030.00																																		
TOTAL		\$91,364.25																																		
Cost per thousand gallons		\$0.54																																		
											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 										DEQ Form # 630-577 Revised 5/21/2018									
											% Wash Water Used				1.09%		Print Phillip Hightower										Oper. Cert. No. B9040									
											Ave. Head Loss for Washing						Title Superintendent																			



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: **Jul-21**

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	186
Total number of turbidity readings	186
Number of turbidity readings above 1 NTU	0
HIGHEST turbidity reading	0.11
Number of turbidity readings above 0.15 NTU	0
Percent of turbidity readings above 0.15 NTU	0.00%
Free Chlorine-Entry Point to Distribution	
Total number of chlorine residual samples	186
Number of samples below 1.0 mg/L	0
Free Chlorine-Distribution	
Total number of chlorine residual samples	62
Number of samples below 0.2 mg/L	0

Individual Filter Turbidity - Complete Entire Checklist
1. Was Each Filter Monitored continuously while the plant was running? ☐ No ☒ Yes
2. Was each filter monitored every 15 minutes while the plant was running? ☐ No ☒ Yes
3. Was there a failure of the continuous monitoring equipment? ☒ No ☐ Yes
4. Did the same filter exceed 1.0 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	14.78	1.90	3.40	6	0.07	0.04	0.04	0.04	0.06	0.06	2.3	2.4	2.5	2.5	2.5	2.4	2.1	1.7	
2	174.90	2.00	2.60	6	0.04	0.04	0.04	0.05	0.05	0.05	2.5	2.4	2.3	2.3	2.3	2.4	1.9	1.7	
3	63.16	1.50	2.30	6	0.05	0.06	0.08	0.08	0.07	0.06	2.4	2.6	2.7	2.6	2.4	2.3	1.6	2.2	
4	27.25	3.70	2.50	6	0.06	0.06	0.05	0.09	0.06	0.07	2.5	2.6	2.8	3.0	2.9	2.6	1.9	1.3	
5	12.25	1.80	2.90	6	0.11	0.07	0.06	0.05	0.05	0.06	2.9	3.2	3.3	3.0	2.7	2.5	2.3	1.7	
6	19.70	1.90	2.70	6	0.08	0.05	0.04	0.04	0.04	0.04	2.7	2.6	2.6	2.6	2.5	2.5	2.2	1.9	
7	19.60	1.80	3.20	6	0.04	0.04	0.07	0.05	0.05	0.05	2.4	2.3	2.3	2.5	2.7	2.6	2.1	1.3	
8	17.80	2.30	3.60	6	0.08	0.05	0.05	0.05	0.05	0.05	2.7	2.9	2.8	2.7	2.8	2.8	1.6	1.1	
9	16.90	2.20	3.40	6	0.05	0.05	0.05	0.05	0.05	0.05	2.8	2.8	2.9	2.8	2.8	2.8	1.8	2.5	
10	18.90	1.50	3.40	6	0.07	0.07	0.04	0.04	0.04	0.04	3.0	3.6	2.8	2.9	3.0	2.9	2.2	1.7	
11	10.60	2.20	3.30	6	0.07	0.07	0.04	0.04	0.04	0.04	2.9	2.7	2.9	2.8	2.8	2.7	2.6	1.8	
12	8.92	2.30	3.20	6	0.11	0.08	0.06	0.06	0.04	0.04	2.7	3.5	3.1	2.7	2.6	2.6	2.4	2.0	
13	52.90	2.50	3.10	6	0.04	0.04	0.04	0.04	0.04	0.04	2.6	2.6	2.6	2.8	2.6	2.6	2.3	1.9	
14	21.30	1.80	3.70	6	0.07	0.03	0.04	0.03	0.04	0.04	2.6	2.8	2.7	2.7	2.7	2.6	1.1	2.1	
15	16.60	1.90	3.20	6	0.06	0.04	0.04	0.04	0.07	0.06	2.7	2.9	2.7	2.8	2.6	2.3	2.4	2.4	
16	15.80	2.00	2.80	6	0.06	0.05	0.05	0.04	0.04	0.04	2.3	2.6	2.6	2.7	2.7	2.7	2.1	1.6	
17	15.00	1.80	2.80	6	0.07	0.05	0.05	0.05	0.05	0.05	2.7	3.1	2.6	2.5	2.4	2.4	2.4	2.0	
18	9.80	1.60	2.70	6	0.05	0.05	0.05	0.08	0.05	0.05	2.3	2.3	2.4	2.2	2.4	2.4	2.0	1.6	
19	5.55	1.80	2.20	6	0.05	0.05	0.05	0.05	0.07	0.09	2.5	2.6	2.7	3.0	3.0	2.7	1.5	1.4	
20	15.70	1.90	2.90	6	0.08	0.07	0.06	0.07	0.05	0.05	2.5	2.6	2.9	3.2	3.3	2.5	2.4	2.4	
21	254.00	2.20	2.60	6	0.05	0.05	0.05	0.05	0.06	0.05	2.5	2.6	2.7	2.6	2.6	2.6	2.5	2.3	
22	92.60	2.60	3.40	6	0.05	0.05	0.04	0.04	0.04	0.04	2.8	3.0	3.1	3.2	2.9	2.9	2.5	2.3	
23	57.40	2.50	3.60	6	0.05	0.04	0.04	0.04	0.05	0.06	3.1	3.1	3.2	3.1	2.9	3.1	2.6	2.8	
24	45.20	2.50	5.30	6	0.08	0.07	0.05	0.09	0.09	0.08	3.3	3.8	3.0	2.9	2.6	2.9	1.8	2.4	
25	35.30	7.20	4.80	6	0.07	0.06	0.05	0.04	0.04	0.04	2.9	3.0	3.0	2.8	2.6	3.0	2.0	1.9	
26	22.19	2.60	4.70	6	0.05	0.08	0.06	0.04	0.05	0.05	3.1	3.3	3.3	2.8	1.4	3.1	1.6	2.1	
27	22.71	2.30	2.90	6	0.10	0.04	0.04	0.04	0.05	0.07	3.4	3.4	3.4	3.0	2.9	3.5	2.4	3.0	
28	16.30	2.50	4.40	6	0.07	0.05	0.05	0.06	0.08	0.05	3.6	3.6	3.5	3.8	2.5	3.3	2.9	3.1	
29	21.20	2.10	3.60	6	0.04	0.09	0.04	0.04	0.04	0.04	3.4	3.4	3.4	2.9	2.7	3.1	2.7	3.0	
30	18.50	2.20	3.00	6	0.05	0.04	0.05	0.05	0.05	0.08	3.3	3.8	2.6	3.2	2.6	3.3	2.6	2.4	
31	14.20	1.90	3.40	6	0.09	0.04	0.04	0.03	0.03	0.03	3.4	3.6	3.6	3.3	2.7	3.0	2.7	2.7	

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

Month July Year 2021
PWS Name Durant Water Treatment Plant

PWSID 1010601
Plant Name WTP
Total 31

Section 2: Summary of Chlorine Dioxide Daily Monitoring

a. Number of Samples Collected 31.0
b. Number of Point of Entry Samples Exceeded MRDL of 0.8 mg/L 0.0

*For every day the MRDL is exceeded, three chlorine dioxide samples must be taken the next day in the distribution system. Notify your PWS Engineer. Samples results need to be recorded in ClO2 Dist. columns.*Refer to CHLORINE DIOXIDE MONITORING AND COMPLIANCE FACT SHEET for further instructions.*

c. Number of Distribution Samples Exceeding MRDL of 0.8 mg/L 0.0

****VERY IMPORTANT. THIS IS A TIER 1 VIOLATION. THIS VIOLATION MUST BE IMMEDIATELY REPORTED TO DEQ AND TO ALL PERSON SERVED BY THE SYSTEM WITHIN 24 HOURS.****

Section 3: Summary of Chlorite Daily Monitoring

a. Number of Samples Collected 31.0
b. Number of Point of Entry Samples Exceeded MCL of 1.0 mg/L 0.0

*For every day the MCL exceeded, three chlorite samples must be taken the next day in the distribution system. Enter sample results in Chlorite Dist. columns and then average. *Refer to CHLORITE MONITORING AND COMPLIANCE FACT SHEET for further instructions.*

c. Number of Distribution Average exceeding MCL of 1.0 mg/L 0.0

Phillip Hightower
Signature of owner or operator
Phillip Hightower
Printed name

8/2/2021
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

Water Treatment Plant Projects Schedule July 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. Mowed and weed eaten Plant grounds when needed
16. Mowed and weed eaten Towers and Pump Stations when needed
17. Changed heaters in new Plant rapid mix breaker cabinet
18. Installed new motor on new plant rapid mixer
19. Received #4 raw pump from pump rebuilder, had to send back was not assembled correctly
20. Received #4 raw pump back the second time, we set it hooked it up and tried to run it did not run correctly we sent it back a second time
21. Put new tire on lawn mower
22. Installed new PTO switch on lawn mower
23. Had issues with SCADA two nights in a row had to install new Ethernet switch
24. Fixed wheel bearing on lawn mower trailer
25. Installed a second motor on new plant rapid mixer
26. Lost VFD and motor on new plant flocculator, gearbox has gone out
27. Installed security light at Cardinal Glass Pump Station
28. Installed Security light and light switch at cardinal Glass lift Station for M&O
29. Installed GFI outlets in our lab by the sink and in our bathroom by the sink
30. Treated 170,307,000 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