

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
AGENDA**

March 9, 2021

CALL TO ORDER

INVOCATION/FLAG SALUTE

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 February 9, 2021

2. Consider Items Removed from Consent

3. Information Items

- a. Public Works Monthly Project Update - February 2021
- b. Solid Waste Department Monthly Report - February 2021
- c. Solid Waste Landfill Monthly Report - February 2021
- d. Waste Water Treatment Plant Monthly Report - February 2021
- e. Water/Sewer Line Maintenance Monthly Report - February 2021
- f. Water Treatment Plant Monthly Reports - February 2021
- g. Utility Billing Supervisor Monthly Report - February 2021

4. Administration

- a. Discussion of and Possible Action Regarding Water Delivery Contract with Rural Water District No. 5

5. Public Hearings

6. Executive Session

7. 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 10th day of November, 2020 and that an agenda of said meeting was posted at the place of such meeting at 1:10 p.m. on the 5th day of March, 2021.

Cynthia J. Price, City of Durant

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 10th day of November, 2020 and that an agenda of said meeting was posted at the place of such meeting at 4:10 p.m. on the 4th day of February, 2021.

**MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY
UTILITIES AUTHORITY OF February 9, 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 6:32 p.m.

ROLL CALL

Present: Trustee Mike Morris	City Manager John Dean
Trustee Danny Sherrer	City Attorney Tom Marcum
Trustee Jerry Tomlinson	City Clerk Cynthia J. Price
Chairman Oden Grube	

Absent: Vice Chairman Steve Brittingham (*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 January 12, 2021

Approved

Motion was made by Mike Morris and seconded by Jerry Tomlinson to approve consent item as presented.

Motion Passed with the following vote:

Ayes: Grube, Morris, Sherrer, Tomlinson

Absent: Brittingham

2. Consideration Items Removed from Consent

3. Information Items

- a. Landfill Information and Reports - January 2021
- b. Public Works Director Monthly Project Report - January 2021
- c. Solid Waste Collection Monthly Report- January 2021
- d. Utility Department Monthly Report - January 2021
- e. Water and Sewer Line Maintenance Monthly Report - January 2021
- f. Waste Water Treatment Plant and Lab Monthly Report - January 2021
- g. Water Treatment Plant Monthly Report - January 2021

4. Administration

- a. Discussion, Consideration and Possible Action on Resolution R-2021-02
Establishing a Comprehensive Fee Schedule

Approved

Motion was made by Jerry Tomlinson and seconded by Mike Morris to approve Resolution R-2021-02 Establishing a Comprehensive Fee Schedule.

Motion Passed with the following vote:

Ayes: Grube, Morris, Sherrer, Tomlinson

Absent: Brittingham

Adjournment

Motion was made by Danny Sherrer and seconded by Jerry Tomlinson to adjourn meeting.

Motion Passed with the following vote:

Ayes: Grube, Morris, Sherrer, Tomlinson

Absent: Brittingham



THE CITY OF DURANT

Office of Public Works

3/1/2021

Larkspur Street Extension Project: This project is on hold due to the property acquisition issues. Mr. Marcum is working with the landowner to facilitate purchase. No Grant funding involved.

24" Forced Sewer Line Relocation Project: Mobilization for Construction began 12-26-17 with a primary completion window of 75 days. Staging of materials and equipment is at the old Country Club. We have been required by ODOT to suspend this project until they can clear up an issue with the original survey maps of the Right of Way along Hwy 75. ODOT has been notified of the increased cost for remobilization and continuance of the project, we are awaiting their reply for reimbursement. No dates have been given yet. Barker and Associates is administering this project. No Grant funding involved.

City Wide AMR / AMI System: Core and Main continue to install these meters across town. Wall Engineering is administering this project. We project completion by Fall of 2021. This will be funded by \$4M OWRB loan and \$1.5M BOR Grant.

300 Meter AMR Project: We were granted an extension through next year. Core and Main are finishing the install for this project. This is a BOR Grant with labor match.

Leak Detection Study: We are currently cleaning valves for deployment 4. Brandon Wall is conducting the study.

Sludge Press for WWTP: Wynn Construction have begun breaking ground at the WWTP. This is funded with and \$1.5M EDA Grant and \$700K Choctaw match. Wall Engineering is Administering this project.

Streetscape V: ODOT Funded. Design complete. Waiting on go ahead from Grants Department to become involved.

Main Street and University Rebuild: In Design with Wall Engineering. Utility conflicts have been identified and relocation has begun with the utility companies on University Blvd. The plan is to go out to Bid soon. Wall Engineering will be administering this project. Funded by loan money.

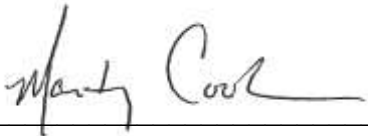
13th & Arkansas Water Tank Rehabilitation: Viking Industrial Painting has finished the sandblasting and painting. The site has been cleaned, we are awaiting landscaping for the final and then the communications companies will be back to re-install their equipment. Wall Engineering is administering this project. Funded by loan money.

Water Treatment Plant Rehabilitation: We have an agreement with Wall Engineering to scope and design the rehabilitation for the WTP. We have only just begun. Estimated \$1M in construction costs. Funded by loan money.

WasteWater Treatment Plant Rehabilitation and Expansion: We have an agreement with Wall Engineering to scope and design the rehabilitation and expansion for the WWTP. Early in design. Estimated \$12M in construction costs. Funded by loan money.

Water Treatment Plant SCADA Project: Wall Engineering is designing and administering this project. Bids should be opened March 10th 2021. Estimated \$550,000.00. Funded by \$125,000.00 CDBG and remainder loan money.

Respectfully,

A handwritten signature in black ink, appearing to read "Marty Cook", is written over a horizontal line.

Marty Cook
Public Works Director



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS

February 2021

A. Work Completed:

1. Hauled 12.76tons of extra hauling
2. Hauled 6 loads of extra hauling
3. Picked up and delivered 7 sharps
4. No abatement this month
5. Cleaned Sunny Side rd. 0 time
6. Replaced 2 dumpsters with new
7. Cleaned dead ends of Cemetery rd. 0 time

B. Work Planned For March 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



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***February 2021***

A. Work Completed for February :

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 6
5. Number of rolloff containers removed from service during month 10
6. Number of loaded rolloff containers emptied during month 309

B. Work Planned For March :

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.



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: FEBRUARY 221

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: 20

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	24.48									
2	21.08									
3	45.64									
4	6.69									
5	19.75									
6	9.97									
7										
8	5.65									
9	15.83									
10	52.48									
11	1.09									
12	4.93									
13										
14										
15										
16	0.65									
17										
18										
19	7.6									
20	0.16									
21										
22	26.31									
23	17.27									
24	14.62									
25	11.73									
26	4.76									
27	3.88									
28										
29										
30										
31										
Total	294.57	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: Thermy Cooper

Phone #: 580-924-8358

Date: 3-1-21



THE CITY OF DURANT

Office of the Wastewater Treatment Plant

Lab Report

2/1/21 to 2/28/21

Tests Processed

<u>82</u>	Bac-t's
<u>62</u>	BOD's
<u>62</u>	TSS's
<u>44</u>	NH3's
<u>56</u>	DO's
<u>56</u>	pH's
<u>0</u>	Ecoli * 7 per set
<u>0</u>	FOG's
<u>16</u>	cBOD's
<u>13</u>	Total Solids

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 Wastewater Treatment Plant

PROJECTS SCHEDULE

WORK PLANNED FOR MARCH 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: SCUM PUMP STATION BEING PUT ON FLOATS (Ongoing)
- 9: FIX CHOCTAW SCREEN PRESS PUMP (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: INSTALL DRAIN LIFT STATION PUMP (Ongoing)



The City of Durant

Office of the Wastewater Treatment Plant

PROJECTS SCHEDULE

WORK DONE FOR FEBRUARY 2021

- 1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (on going)
- 2: CLEAN CLARIFIER WEIRS (2/26/21)
- 3: VEHICLE INSPECTION (2/2/21)
- 4: CLEAN SCUM PUMP STATION (2/12/21)
- 5: CLEAN DRAIN LIFT STATION (2/2/21)
- 6: CHECK CLARIFIER OIL WEEKLY (2/3, 2/11, 2/16, 2/25/21)
- 7: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER (2/16/21)
- 8: FIX CHOCTAW SCREEN PRESS PUMP (Ongoing)
- 9: CONSTRUCTION STARTED ON SLUDGE PRESS. (Ongoing)
- 10: WALK-THRU INSPECTION (Ongoing)
- 11: WASH DOWN STEP SCREEN (2/10/21)
- 12: CLEAN UV TROUGHS AND FLUME (2/10/21)
- 13: CHECK ELECTRIC MANHOLES (2/11/21)
- 14: CLEAN OUT BUILDINGS (Ongoing)
- 15: MANUALLY CHECK U.V. BULBS (2/22/21)
- 16: WASH DOWN CASINO STEPSCREEN (2/17/21)
- 17: CHECK ALL AUTOMATIC VALVES (Ongoing)

Line Maintenance Report for FEBRUARY 2021

Water Leaks Repaired	25
Water Taps Installed	2
Sewer Taps	1
Meters Read	6036

Mooney lift station (UPDATE) January 19 Haynes sent two guys down to put new impeller in one pump and shim the other pump. We have had no issues, as of now, with the pump that has the new impeller. Brandon Wall wants to run this new impeller for a duration of time to check the performance and longevity before making a final decision to change second impeller.

Haynes came down February 25th and installed the impeller on the other pump. All seems well and running with no issues.

The 300 meter project is still on the schedule and made some progress, we are now at 232 meters installed.

The BIG AMR/AMI project has started and the installers has installed 1215 as of February 26, 2021.

Durant Utilities Authority										P.O. Box 578					Durant, OK					74702				Month: February 2021											
System		Address										City					ZIP				pH			CaCO3		HARDNESS		Special Test							
Day	WATER TREATED (in 1,000 gal)	FILTER OPERATION								WASH WATER IN 1000 GALS.	CHEMICALS USED-LBS.						ALKALINITY - RAW														ALKALINITY - FILTERED				
		FILTERS USED-HOURS									ALUM	POLYMER	Caustic	Fluoride	Chlorite	OTHER	CHLORINE														TOTAL	TOTAL			TOTAL
1	2	3	4	5	6	7	8	PRE	POST	"P"							"P"	TOTAL			TOTAL	"P"	"P"	TOTAL	TOTAL	RAW	FILT	FILT	RAW	FILT					
1	4333.0	24	23	23	24	24	23	24	24	60.0	1400.0	60.0	0.0	60.0	260.0		60.0	60.0	0.0	0.0	250.0	246.0	0.0	0.0	222.0	234.0	8.1	7.3	7.4	222.0	264.00	264.00			
2	4330.0	24	24	24	24	23	24	24	24	25.0	1300.0	60.0	0.0	59.0	260.0		60.0	60.0	0.0	0.0	250.0	264.0	0.0	0.0	222.0	236.0	8.0	7.2	7.5	222.0	264.00	260.00			
3	4332.0	22	23	23	22	24	23	24	23	200.0	1500.0	60.0	0.0	60.0	260.0		60.0	50.0	0.0	0.0	244.0	256.0	0.0	0.0	226.0	234.0	8.0	7.2	7.3	234.0	264.00	260.00			
4	4320.0	24	24	24	24	24	24	24	24	0.0	1400.0	60.0	0.0	59.0	260.0		90.0	90.0	0.0	0.0	244.0	246.0	0.0	0.0	230.0	230.0	8.1	7.4	7.1	226.0	254.00	258.00			
5	4333.0	24	24	24	24	24	23	23	24	74.0	1400.0	60.0	0.0	60.0	260.0		60.0	60.0	0.0	0.0	246.0	244.0	0.0	0.0	230.0	232.0	8.0	7.3	7.0	230.0	290.00	300.00			
6	4342.0	23	23	23	23	23	24	24	23	186.0	1400.0	60.0	0.0	60.0	260.0		80.0	80.0	0.0	0.0	260.0	250.0	0.0	0.0	240.0	230.0	8.1	7.3	7.0	244.0	300.00	270.00			
7	3989.0	24	24	24	24	24	24	24	24		1300.0	60.0	0.0	55.0	240.0		70.0	60.0	0.0	0.0	248.0	258.0	0.0	0.0	224.0	236.0	8.0	7.2	7.3	224.0	264.00	262.00			
8	4007.0	24	24	24	24	24	23	23	24	40.0	1200.0	60.0	0.0	55.0	240.0		75.0	75.0	0.0	0.0	260.0	260.0	0.0	0.0	246.0	240.0	8.0	7.1	7.5	240.0	294.00	282.00			
9	4004.0	23	24	24	23	24	24	24	24	40.0	1100.0	60.0	0.0	73.0	240.0		60.0	60.0	0.0	0.0	250.0	250.0	0.0	0.0	234.0	240.0	7.9	7.4	7.4	230.0	262.00	262.00			
10	3998.0	24	23	23	24	23	24	24	23	100.0	1200.0	70.0	0.0	73.0	240.0		70.0	70.0	0.0	0.0	240.0	256.0	0.0	0.0	220.0	220.0	7.9	7.2	7.3	228.0	254.00	262.00			
11	3490.0	23	24	24	23	24	23	24	24	70.0	1400.0	70.0	0.0	64.0	240.0		70.0	70.0	0.0	0.0	248.0	250.0	0.0	0.0	226.0	230.0	8.1	7.2	7.1	240.0	264.00	262.00			
12	4146.0	23	23	23	23	24	24	24	24	80.0	1800.0	70.0	0.0	76.0	240.0		100.0	100.0	0.0	0.0	118.0	240.0	0.0	0.0	228.0	120.0									

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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: **February 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	168
Total number of turbidity readings	168
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	168
Number of samples below 1.0 mg/L	0
Free Chlorine-Distribution	
Total number of chlorine residual samples	56
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	2.63	2.00	2.90	6	0.06	0.09	0.03	0.03	0.03	0.03	2.5	2.7	2.9	2.9	2.6	2.6	2.2	2.0	
2	2.43	2.10	1.40	6	0.03	0.06	0.04	0.04	0.04	0.06	2.4	2.6	2.8	3.0	2.6	2.4	2.3	2.1	
3	2.20	2.00	1.50	6	0.09	0.10	0.10	0.04	0.03	0.03	2.5	2.6	3.0	2.9	2.7	2.2	2.1	2.0	
4	2.19	1.50	1.90	6	0.03	0.03	0.03	0.03	0.04	0.04	1.8	2.1	2.4	2.7	2.6	2.4	1.9	1.9	
5	2.31	1.70	1.60	6	0.06	0.07	0.04	0.05	0.06	0.08	2.4	2.5	2.8	2.7	2.5	2.3	1.9	2.5	
6	2.41	1.60	1.30	6	0.06	0.05	0.06	0.03	0.03	0.03	2.3	2.6	2.6	2.9	2.7	2.6	1.9	2.5	
7	2.01	1.80	1.40	6	0.03	0.03	0.03	0.03	0.03	0.05	2.7	2.7	2.8	2.9	2.9	2.7	2.3	2.2	
8	2.35	1.90	1.40	6	0.07	0.04	0.04	0.04	0.05	0.07	2.6	2.7	2.9	2.9	2.9	2.8	2.6	2.2	
9	2.38	2.60	1.30	6	0.07	0.03	0.03	0.04	0.04	0.06	2.8	2.9	2.9	2.9	2.9	2.7	2.7	2.7	
10	2.34	3.00	1.80	6	0.06	0.03	0.04	0.05	0.06	0.08	2.8	2.9	2.9	2.8	2.8	2.7	2.6	2.7	
11	2.40	3.40	1.60	6	0.09	0.04	0.04	0.08	0.03	0.04	2.8	2.8	2.9	2.9	2.8	3.1	2.6	1.0	
12	2.55	3.20	3.40	6	0.05	0.07	0.09	0.03	0.03	0.04	3.2	3.5	2.9	3.1	3.0	2.8	2.3	2.9	
13	6.70	4.30	2.90	6	0.07	0.05	0.04	0.06	0.04	0.08	2.9	3.2	3.2	3.0	2.7	2.7	2.6	2.9	
14	3.59	4.40	4.10	6	0.12	0.08	0.08	0.09	0.07	0.14	2.8	3.0	3.1	3.1	3.0	2.6	2.5	2.9	
15	7.37	2.10	1.90	6	0.11	0.04	0.04	0.06	0.07	0.06	2.4	2.5	2.3	2.0	1.9	2.0	2.5	2.1	
16	4.92	1.50	1.90	6	0.06	0.06	0.05	0.10	0.09	0.14	2.0	1.9	1.9	1.9	1.8	2.0	1.7	0.9	
17	6.45	1.50	1.60	6	0.03	0.04	0.06	0.10	0.07	0.09	2.2	2.1	2.2	2.5	2.7	3.1	1.9	2.2	
18	10.70	1.40	1.80	6	0.08	0.08	0.09	0.08	0.08	0.08	3.3	3.4	3.3	2.9	2.8	3.2	2.6	3.1	
19	6.72	1.70	2.40	6	0.09	0.09	0.09	0.12	0.14	0.13	3.6	3.5	3.5	3.1	3.0	3.3	2.5	3.0	
20	8.68	1.50	1.90	6	0.13	0.13	0.13	0.05	0.08	0.08	3.7	3.2	2.1	1.1	1.1	1.8	2.5	1.1	
21	8.06	1.10	1.40	6	0.07	0.07	0.08	0.08	0.08	0.14	2.1	2.2	2.2	2.8	2.5	2.4	1.7	1.1	
22	8.56	1.60	1.50	6	0.12	0.10	0.11	0.13	0.14	0.13	2.6	2.5	2.4	2.4	2.3	2.3	1.5	2.3	
23	6.13	1.60	1.60	6	0.12	0.10	0.14	0.09	0.09	0.08	2.1	2.3	2.0	1.9	2.8	3.0	1.7	1.6	
24	5.13	1.10	1.20	6	0.12	0.11	0.09	0.10	0.08	0.08	3.1	3.3	3.5	3.1	2.7	2.5	1.9	2.4	
25	6.16	1.20	1.50	6	0.09	0.12	0.10	0.07	0.07	0.07	2.7	2.8	3.0	3.1	3.0	2.9	2.6	1.8	
26	6.42	1.00	1.50	6	0.07	0.06	0.07	0.06	0.04	0.04	2.9	3.0	3.1	3.2	3.0	2.7	1.8	1.3	
27	5.79	1.10	1.30	6	0.07	0.08	0.07	0.05	0.05	0.06	2.8	3.0	2.6	2.7	3.0	3.0	1.8	1.8	
28	6.29	1.20	1.40	6	0.04	0.05	0.04	0.08	0.04	0.04	3.1	3.1	3.2	3.2	3.3	3.1	1.9	2.3	
29																			
30																			
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.

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

PWSID 1010601 SYSTEM Durant Ok (SW) MONTH February
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	4333	60	0.3	0.25	0.82	0.61	1.12
2	4330	59	0.3	0.0	0.59	0.72	1.15
3	4332	60	0.3	0.0	0.54	0.92	0.85
4	4320	59	0.3	0.10	0.24	0.58	0.93
5	4333	60	0.3	0.39	0.33	0.91	0.86
6	4342	60	0.3	0.08	0.00	0.59	0.19
7	3989	55	0.3	0.0	0.00	0.27	0.11
8	4007	55	0.3	0.0	0.00	0.15	0.18
9	4004	73	0.4	0.0	0.00	0.0	0.42
10	3998	73	0.4	0.0	0.19	0.37	0.32
11	3490	64	0.4	0.16	0.43	0.73	1.38
12	4146	76	0.4	0.22	0.37	1.23	0.73
13	4413	81	0.4	0.40	0.32	0.93	0.80
14	4317	59	0.3	0.40	0.15	0.93	0.68
15	4004	55	0.3	0.59	0.38	1.0	0.76
16	4657	64	0.3	0.47	0.61	0.70	0.88
17	6505	89	0.3	0.01	0.07	0.90	0.71
18	6798	93	0.3	0.19	0.40	0.60	0.96
19	7422	102	0.3	0.64	0.27	1.06	0.66
20	7047	97	0.3	0.0	0.0	1.11	0.77
21	7422	102	0.3	0.0	0.30	0.55	0.66
22	7509	103	0.3	0.0	0.26	0.53	0.94
23	6142	84	0.3	0.0	0.34	0.59	0.70
24	4850	67	0.3	0.0	0.53	1.00	0.89
25	4556	63	0.3	0.29	0.0	0.85	0.54
26	4579	63	0.3	0.27	0.31	0.76	0.73
27	4567	63	0.3	0.43	0.31	1.32	0.86
28	4386	60	0.3	0.0	0.17	1.07	1.17
29							
30							
31							
Total	138798	1999	8.9	4.89	7.93	20.98	20.95
Average	4957	71	0.32	0.17	0.28	0.75	0.75

* 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

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

Month February Year 2021
PWS Name Durant Water Treatment Plant

PWSID 1010601
Plant Name WTP
Total 28

Section 2: Summary of Chlorine Dioxide Daily Monitoring

a. Number of Samples Collected 28.0
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 28.0
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

3/1/2021
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

Water Treatment Plant Projects Schedule February 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. Disinfected lab and facilities twice a shift each shift
17. Installed PSI gauge at 13th tower
18. Had Bac T's ran on 13th tower
19. Put 13th tower into service
20. Put salt on all walkways and stairs due to icing
21. Installed new door knob on alum door
22. Fixed door to the shop so it would shut
23. Worked on heater in shop fan was not working got it fixed where it would work
24. Lost power at Raw Pump Station, did not have enough voltage to run VFD's called OG&E
25. OG&E said they fixed issue did not run very long went over to Lake water
26. SOSU level transmitter froze up, heat tape was unplugged, plugged heat tape backup thawed out and is working
27. Level Transmitter froze up at Chuckwa tower thawed it out and put space heater on it
28. Put space heater in finished vault to keep inline instrument water line from freezing up
29. Lost power to plant had to go to Generator and Diesel pump, power restored at plant but had to keep running diesel pump due to not enough voltage to run transfer pump VFD's
30. Had to haul diesel from Public works to water plant diesel storage tank, we did this several times a day and night throughout the winter storm
31. Worked on diesel tank pump switch got it back to working
32. Lost power at Cardinal Glass Pump station called OG&E and reported it
33. Thawed out frozen level transmitter at Big Lots tower and put a space heater on it
34. Put heater from garage in CL2 storage building, CL2 was dropping out due to extreme cold
35. Fueled up heater in CL2 storage room throughout the day and nights during winter storm
36. Looked for water leaks in town
37. Shut off towers in town so residents would have water pressure
38. Lost power at High Service Pump station due to transformer blowing up over by the Hospital
39. Switched valve up at High Service Pump station to attempt to pump around pump station, we were unsuccessful
40. lost pressure and water in town
41. When power was restored at High Service pump Station, VFD's would not come up and run due to a external fault
42. Called Dan O'Brian with Haynes Equip. and he talked us thru correcting the fault on #3 VFD and had us jumper around the fault on #4 VFD , we then started pumping back to town
43. Due to pressure loss our chlorinators filled up with water, we took them and put in a rebuild kit and put them back online
44. Built a fuel delivery system to put diesel in our diesel storage tank from the road
45. Put oil in diesel pump engine
46. Put oil in diesel pump
47. Got water in all the towers and system back to normal
48. Had after action meeting on winter storm
49. Shut off bust water line in old pump building
50. Shut off busted water line at raw pump station
51. gave tour to scada people and electrical contractors for upcoming project
52. Treated 138,798,000 gallons of Blue river and Lake Durant water

B. <u>Work Planned for January-December</u>	<u>Approx Start/Finish Date</u>
1. Repair #1 raw Pump	Time permitting
2. Repair #4 raw pump	Time permitting
3. Have towers inspected and cleaned	Time permitting
C. <u>Projects Planned and Requested for Authorization</u>	
None At this Time	



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

FEBRUARY 2021

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	7072		6188		7024	
Total Revenue Billed	\$319,647.94	\$2,232,973.22	\$217,898.84	\$1,285,796.36	\$367,512.03	\$2,272,482.36
Adjustments in Dollar	(\$5,905.21)	(\$53,887.59)	(\$17,761.96)	(\$71,842.95)	(\$10,756.24)	(\$97,713.27)
TOTAL CASH RECEIPTS	\$241,385.16	\$1,812,652.21	\$74,274.79	\$78,157,960.00	\$174,209.05	\$1,584,186.71

CONSUMPTION IN GALLONS	88,327,900
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NEW SERVICE APPLICATIONS	53
NUMBER OF WALK IN/PHONE PAYMENTS	811
MAIL PAYMENTS	988
CREDIT CARD PAYMENTS	1,269
WEB PAYMENTS	1,269
DROP BOX PAYMENTS	1,238
BANK DRAFT PAYMENTS	910
CREDIT CARD DRAFT PAYMENTS	211
KIOSK	1,238
OTHERS	

TITLE:

Utility Billing Office Monthly Summary Report February 2021

INFORMATION ITEMS

FROM:

Stephanie Barfield. Utility Supervisor

INFORMATION FOR MEMORANDUM:

Utility Billing Office Monthly Summary Report for February 2021

COUNCIL INFORMATION/ ACTION REQUESTED:

Information Only.

*****ATTACHED FILE**