

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**

December 13, 2022

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 November 8, 2022

2. Consider Items Removed from Consent

3. Information Items

- a. Solid Waste Collection Monthly Report - November 2022
- b. Solid Waste Landfill Monthly Report - November 2022
- c. Utility Billing Monthly Report - November 2022
- d. Water and Sewer Line Maintenance Monthly Report - November 2022
- e. Water Treatment Plant Monthly Report - November 2022

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 8th day of November, 2022 and that an agenda of said meeting was posted at the place of such meeting at 4:40 p.m. on the 8th day of December, 2022.



Cynthia J. Price, City of Durant



The City of Durant

Memorandum

Date: 12/13/2022
To: Mayor and City Council
From: Cynthia Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of November 8, 2022

Council Information / Action Requested

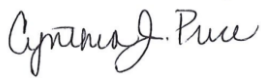
Approval of Regular Meeting Minutes of November 8, 2022

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

ATTACHMENTS:

1. Durant City Utilities Authority Minutes 11082022 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 9th day of November, 2021 and that an agenda of said meeting was posted at the place of such meeting at 8:00 a.m. on the 4th day of November, 2022.



Cynthia J. Price, City of Durant

**MINUTES OF THE MEETING OF DURANT CITY UTILITIES AUTHORITY
November 8, 2022 AT 6:00 PM
Roscoe J. Hatfield Council Chambers
300 West Evergreen
Durant, Oklahoma**

CALL TO ORDER

Vice Chairman Danny Sherrer called the meeting to order at 6:47 p.m.

ROLL CALL

Present:

Trustee Steve Brittingham
Trustee Humphrey Miller
Trustee Curtis Morris
Vice Chairman Danny Sherrer
City Attorney Tom Marcum
City Manager Lisa Taylor
City Clerk Cynthia J. Price

Absent:

Chairman Oden Grube

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 October 11, 2022
- b. Consider Approval of Special Called Minutes of October 14, 2022

- c. Consider Approval of 2023 Meeting Schedule

Motion To: Approved Consent Items as Presented

Motion By: Steve Brittingham

Seconded By: Humphrey Miller

Ayes: Brittingham, Miller, Morris, Sherrer

Nays: None

Abstain: None

2. Consider Items Removed from Consent

3. Information Items

- a. Solid Waste Collection Monthly Report - October 2022
- b. Solid Waste Landfill Report - October 2022
- c. Utility Billing Monthly Report - October 2022
- d. Waste Water Treatment Plant Projects & Lab Report - October 2022
- e. Water and Sewer Line Maintenance Monthly Report - October 2022
- f. Water Treatment Plant: October 2022 MORs

4. Administration

5. New Business

There is no new business.

ADJOURNMENT

Motion To: Adjourn Meeting

Motion By: Steve Brittingham

Seconded By: Humphrey Miller

Ayes: Brittingham, Miller, Morris, Sherrer

Nays: None

Abstain: None



The City of Durant

Memorandum

Date: 12/13/2022
To: Mayor and City Council
From:
Re: Information Items

Council Information / Action Requested

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

ATTACHMENTS:



The City of Durant

Memorandum

Date: 12/13/2022
To: Mayor and City Council
From: Jared Dillingham, Superintendent
Re: Solid Waste Collection Monthly Report - November 2022

Solid Waste Collection Monthly Report - November 2022

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

1. Monthly Report November 22



THE CITY OF DURANT

Office of the Solid Waste Manager

SOLID WASTE PROJECTS

November 2022

A. Work Completed:

1. Hauled 26.4 tons of extra hauling
2. Hauled 19 loads of extra hauling
3. Picked up and delivered 8 sharps
4. No abatement this month
5. Cleaned Sunny Side rd. 0 times
6. Replaced 12 dumpsters with new
7. Cleaned dead ends of Cemetery rd. 0 time

B. Work Planned For December 2022

1. Replace dumpsters
2. Pick up trash

C. Work Planned For January 1, 2022 – December 31, 2022

1. Pick up trash
2. Replace dumpsters

D. Projects Planned And Requested For Authorization:

None



The City of Durant

Memorandum

Date: 12/13/2022
To: Mayor and City Council
From: Kenny Cooper, Supervisor
Re: Solid Waste Landfill Monthly Report - November 2022

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

1. ODEQ Report November 2022
2. Project Schedule November 2022

Submission Complete

Monthly Report for Solid Waste Disposal Facilities

Alternate Identifier 3507001: City of Durant C&D Landfill November
2022

Submission HPP-MGD7-513J7 Revision 1 Form Version 1.3

Monthly Report for Solid Waste Disposal Facilities

version 1.3

(Submission #: HPP-MGD7-513J7, version 1)

Details

Submitted 12/2/2022 (0 days ago) by Kenny Cooper

Alternate Identifier 3507001: City of Durant C&D Landfill November 2022

Submission ID HPP-MGD7-513J7

Status In Review

Active Steps DEQ to Review Submission

Form Input

Facility Information

Permit Number
3507001

Facility Information

Facility Name
City of Durant C&D Landfill

Facility Mailing Address

P.O. Box 578
Durant, OK 74702

County (Facility Location)
Bryan (07)

Point of Contact

First Name **Middle Name** **Last Name**
Kenny NONE PROVIDED Cooper
Title
Landfill Supervisor
Phone Type **Number** **Extension**
Business 580-931-6661
Email
kcooper@durant.org

Would you like to revise the Point of Contact?

No

Alternate Point of Contact

First Name **Middle Name** **Last Name**
Billy NONE PROVIDED Sharp
Title
NONE PROVIDED
Phone Type **Number** **Extension**
Business 580-931-6661
Email
bsharp@durant.org

Would you like to revise the Alternate Point of Contact?

No

Daily Waste Processed**Report Period**

Month	Year
November	2022

Did you process waste under any of the following circumstances this period?

Reuse/Recycle

Weight Handled (tons)

Day of Month	Open?	Total Weight Handled (tons)	Reused / Recycled (tons)	Emergency or Special Event Fee Waiver (tons)	Large Industrial Generator Exemption (tons)
--------------	-------	-----------------------------	--------------------------	--	---

Day of Month	Open?	Total Weight Handled (tons)	Reused / Recycled (tons)	Emergency or Special Event Fee Waiver (tons)	Large Industrial Generator Exemption (tons)
1	Yes	3.57	0.00		
2	Yes	70.06	1.25		
3	Yes	72.33	0.00		
4	Yes	6.58	0.70		
5	Yes	0.18	0.00		
6	No				
7	Yes	0.00	0.00		
8	Yes	0.00	0.00		
9	Yes	35.18	0.64		
10	Yes	46.83	0.00		
11	Yes	0.00	0.00		
12	Yes	0.00	0.00		
13	No				
14	Yes	34.92	0.00		
15	Yes	0.00	0.00		
16	Yes	0.00	0.00		
17	Yes	66.00	0.00		
18	Yes	22.64	1.25		
19	Yes	9.01	0.69		
20	No				
21	Yes	58.03	0.00		
22	Yes	38.25	1.16		
23	Yes	0.00	0.00		
24	No				
25	No				
26	Yes	0.00	0.00		
27	No				
28	Yes	0.00	0.00		
29	Yes	0.00	0.00		
30	Yes	0.00	0.00		

Day of Month	Open?	Total Weight Handled (tons)	Reused / Recycled (tons)	Emergency or Special Event Fee Waiver (tons)	Large Industrial Generator Exemption (tons)
31	Yes	68.30	0.96		
		Sum: 531.88	Sum: 6.65	Sum: NaN	Sum: NaN

Were your scales out of service at any point within this reporting period?

No

Status History

	User	Processing Status
12/2/2022 10:36:08 AM	Kenny Cooper	Draft
12/2/2022 10:49:10 AM	Kenny Cooper	Submitting
12/2/2022 10:49:16 AM	Kenny Cooper	In Review
12/2/2022 10:49:16 AM	Kenny Cooper	Submitted

Processing Steps

Step Name	Assigned To/Completed By	Date Completed
Form Submitted	Kenny Cooper	12/2/2022 10:49:16 AM
DEQ to Review Submission		



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***November 2022***

A. Work Completed for November:

1. Covered C & D Site
2. Hauled MSW To SORD
3. Number of rolloff containers in service end of month 126
4. Number of rolloff containers added to service during month 13
5. Number of rolloff containers removed from service during month 12
6. Number of loaded rolloff containers emptied during month 318

B. Work Planned For December:

1. Continue Covering C&D site
2. Haul MSW To SORD
3. Continue Picking up, Delivering

C. Work Planned For Jan. '22 – Dec. '22:

Approx. Start – Finish Date:

1. Haul trash to Ardmore 1-2022 thru 12-2022

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Memorandum

Date: 12/13/2022
To: Mayor and City Council
From: Stephanie Barfield, Supervisor
Re: Utility Billing Monthly Report - November 2022

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

1. Utility Billing Monthly Report - November 2022



Monthly Utility Billing,
Cash Collection,

And Consumption Summary

NOVEMBER 2022

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts						
Total Revenue Billed	\$473,941.00	\$2,049,507.16	\$360,209.68	\$1,365,953.89	\$368,173.22	\$1,520,085.67
TOTAL CASH RECEIPTS	\$411,237.67	\$1,926,839.34	\$212,008.16	\$908,795.48	\$312,033.14	\$1,473,477.17

CONSUMPTION IN GALLONS

196,916,500

NEW SERVICE APPLICATIONS	67	674
NUMBER OF WALK IN/PHONE PAYMENTS	499	102
MAIL PAYMENTS	900	980
CREDIT CARD PAYMENTS	499	84
WEB PAYMENTS	2,215	
DROP BOX PAYMENTS	349	
BANK DRAFT PAYMENTS	999	
CREDIT CARD DRAFT PAYMENTS	655	
KIOSK	1,106	
CYCLE 1 PENALTIES		
CYCLE 1 CUT OFFS		
CYCLE 2 PENALTIES		
CYCLE 2 CUT OFFS		



Monthly Utility Billing,
Cash Collection,

And Consumption Summary

NOVEMBER 2021

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	7094		7074		6193	
Total Revenue Billed	\$377,530.94	\$1,922,843.63	\$237,965.59	\$9,783,280.47	\$372,865.06	\$1,884,225.51
Adjustments in Dollar	(\$9,297.89)	(\$49,574.96)	(\$34,108.26)	(\$137,096.82)	(\$8,123.38)	(\$55,754.12)
TOTAL CASH RECEIPTS	\$289,325.21	\$1,339,167.96	\$111,564.03	\$499,125.13	\$167,819.50	\$973,383.37

CONSUMPTION IN GALLONS

106,642,600

NEW SERVICE APPLICATIONS 81
 NUMBER OF WALK IN/PHONE PAYMENTS 1,152
 MAIL PAYMENTS 922
 CREDIT CARD PAYMENTS 1,067
 WEB PAYMENTS 1,619
 DROP BOX PAYMENTS 394
 BANK DRAFT PAYMENTS 972
 CREDIT CARD DRAFT PAYMENTS 423
 KIOSK 1,393
 OTHERS



The City of Durant

Memorandum

Date: 12/13/2022
To: Mayor and City Council
From: Chris Sprouse
Re: Water and Sewer Line Maintenance Monthly Report - November 2022

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

1. Water and Sewer Line Maintenance Monthly Report - November 2022

M & O MONTHLY REPORT

NOVEMBER 2022

WATER LEAKS	36
WATER TAPS	0
SEWER TAPS	1

CUTOFFS 84 on the 29th and 102 on the 30th

REGULAR WORK ORDERS FROM THE
UTILITY OFFICE, WE COMPLETED 684 WORK ORDERS

CORE AND MAIN HAS THE COLLECTOR AFTER BEING REPAIRED
BY NEPTUNE. THE DRIVE BY IS STAYING STEADY AT LESS THAN
3% EVEN WITH THE COLLECTOR BEING OUT.



The City of Durant

Memorandum

Date: 12/13/2022
To: Mayor and City Council
From: Anthony Smallwood, Water Treatment Plant Manager
Re: Water Treatment Plant Monthly Report - November 2022

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

1. OK1010601 MOR November2022 Page #1
2. OK1010601 MOR November2022 Page #2
3. OK1010601 CI02 MOR November2022
4. OK1010601 Fluoride MOR November2022
5. OK1010601 LT2 November2022
6. OK1010601 Monthly Report November2022



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: **November 2022**

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	6.84	2.73	2.07	6	0.04	0.07	0.05	0.05	0.05	0.07	2.4	2.4	2.5	2.4	2.4	2.5	1.8	1.6	
2	10.29	2.61	2.67	6	0.07	0.09	0.08	0.08	0.08	0.08	2.3	2.4	2.7	2.5	2.5	2.5	1.8	1.8	
3	7.30	1.50	2.17	6	0.08	0.07	0.08	0.06	0.08	0.09	2.6	2.5	2.6	2.5	2.5	2.5	2.1	1.9	
4	9.05	2.36	1.48	6	0.10	0.06	0.05	0.05	0.05	0.05	2.6	2.6	2.7	2.6	2.5	2.7	2.2	1.9	
5	109.81	3.69	3.78	6	0.05	0.08	0.14	0.06	0.07	0.08	3.2	3.8	3.8	3.6	3.1	2.9	1.8	1.6	
6	109.81	2.70	2.70	6	0.07	0.07	0.05	0.05	0.05	0.06	3.0	3.3	3.5	3.4	3.1	3.2	2.4	2.0	
7	14.84	2.00	2.38	6	0.09	0.14	0.08	0.06	0.06	0.09	3.3	3.0	3.0	3.0	2.9	1.8	1.0	2.4	
8	11.87	2.78	2.83	6	0.09	0.12	0.08	0.07	0.09	0.12	1.9	2.0	2.2	2.2	2.2	2.2	1.5	1.7	
9	15.31	2.79	1.59	6	0.04	0.05	0.12	0.12	0.07	0.13	1.7	2.0	2.3	2.3	2.4	2.6	1.6	1.0	
10	6.53	2.51	2.02	6	0.06	0.05	0.07	0.05	0.05	0.05	2.5	2.4	2.4	2.2	2.1	2.2	1.9	1.3	
11	4.80	3.14	2.18	6	0.05	0.07	0.05	0.10	0.14	0.10	2.1	2.1	2.1	2.1	2.1	2.4	1.3	1.5	
12	4.80	1.48	1.92	6	0.05	0.05	0.06	0.05	0.05	0.06	2.3	2.4	2.1	2.2	2.4	2.4	1.3	1.5	
13	3.53	1.76	2.13	6	0.10	0.06	0.07	0.08	0.11	0.14	2.5	2.5	2.6	2.6	2.6	2.6	1.6	2.1	
14	3.07	1.61	1.57	6	0.14	0.10	0.10	0.09	0.10	0.14	2.6	2.7	2.6	2.9	2.6	2.5	1.1	1.0	
15	6.21	2.70	3.27	6	0.13	0.11	0.13	0.11	0.12	0.14	2.5	2.5	2.6	2.5	2.5	2.4	2.2	1.9	
16	6.21	2.22	2.76	6	0.14	0.14	0.05	0.05	0.10	0.14	2.5	2.4	2.7	2.4	2.5	2.5	1.8	2.1	
17	4.48	1.55	2.39	6	0.14	0.14	0.11	0.14	0.14	0.14	2.6	2.6	2.7	1.8	1.4	2.6	1.9	1.6	
18	3.07	2.24	2.24	6	0.12	0.13	0.05	0.06	0.08	0.08	2.7	3.0	3.0	3.1	3.2	3.1	1.5	2.3	
19	2.60	1.16	1.16	6	0.12	0.13	0.04	0.03	0.05	0.13	3.1	3.2	3.1	3.2	2.6	2.3	2.2	1.9	
20	5.57	2.35	2.35	6	0.14	0.13	0.05	0.06	0.10	0.13	2.4	2.6	2.5	2.7	2.6	2.6	1.8	1.3	
21	2.75	2.70	2.70	6	0.13	0.13	0.06	0.07	0.09	0.13	2.6	2.6	2.7	2.6	2.5	2.6	0.8	1.8	
22	3.07	7.72	7.72	6	0.13	0.14	0.05	0.05	0.09	0.14	2.6	2.7	3.1	2.7	2.5	2.6	1.8	0.8	
23	3.22	1.53	1.53	6	0.14	0.13	0.05	0.12	0.08	0.12	2.6	2.7	2.8	2.8	2.5	2.5	2.0	2.3	
24	1.34	7.10	7.10	6	0.12	0.09	0.08	0.14	0.14	0.12	2.3	1.7	1.3	1.9	2.9	3.3	1.8	1.6	
25	20.79	3.64	3.64	6	0.11	0.10	0.11	0.12	0.13	0.09	3.1	2.6	2.2	2.6	2.7	3.0	2.1	1.7	
26	9.20	2.28	2.28	6	0.05	0.04	0.04	0.04	0.05	0.08	3.3	4.0	4.0	4.0	2.9	2.2	1.8	2.5	
27	109.79	3.50	3.50	6	0.07	0.06	0.07	0.11	0.14	0.13	2.0	2.2	2.4	2.6	2.6	3.0	1.6	1.9	
28	65.52	3.46	3.46	6	0.14	0.06	0.11	0.14	0.14	0.13	3.1	3.3	3.4	3.1	2.9	3.2	1.6	2.6	
29	12.64	4.52	4.52	6	0.14	0.09	0.10	0.14	0.14	0.13	3.7	3.5	2.9	2.6	2.5	2.6	2.0	2.0	
30	12.80	7.25	7.25	6	0.13	0.14	0.10	0.07	0.08	0.13	2.7	2.6	2.7	2.7	2.6	2.6	2.0	1.4	
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 DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT (MOR)
CONVENTIONAL OR DIRECT FILTRATION (Free Chlorine)

Plant: DWT
PWSID: 1010601
County: Bryan
Month: November 2022

Durant Utilities Authority										P.O. Box 578										Durant, OK										74702										
System										Address										City										ZIP										
D a y	WATER TREATED (in 1,000 gal)	FILTER OPERATION								WASH WATER IN 1000 GALS.	CHEMICALS USED-LBS.							ALKALINITY - RAW				ALKALINITY - FILTERED				pH			CaCO3 STABILITY Method:	HARDNESS (ppm)		Special Test Fe, Mn or Other		REMARKS						
		FILTERS USED-HOURS									ALUM	POLYM ER	Caustic	Fluoride	Chlorite	OTHER	CHLORINE		AM	PM	AM	PM																		
		1	2	3	4	5	6	7	8								PRE	POST					"P"	"P"	TOTAL	TOTAL	"P"	"P"		TOTAL	TOTAL	RAW	FILT		FILT	RAW	FILT	RAW	FILT	
1	4510.0	24	24	23	0	24	24	24	23	70.0	1600.0	47.0	0.0	83.0	290.0		0.0	160.0	0.0	0.0	242.0	240.0	0.0	0.0	220.0	234.0	8.2	7.6	7.1	210.0	260.00	242.00								
2	5533.0	24	24	24	0	23	23	24	24	70.0	2000.0	47.0	0.0	101.0	290.0		0.0	160.0	0.0	0.0	252.0	260.0	0.0	0.0	230.0	240.0	7.9	7.3	7.1	228.0	260.00	254.00								
3	5500.0	23	23	24	0	24	24	24	24	70.0	2000.0	47.0	0.0	101.0	290.0		0.0	160.0	0.0	0.0	256.0	260.0	0.0	0.0	256.0	234.0	7.9	7.3	7.1	240.0	270.00	252.00								
4	5365.0	24	24	24	0	24	24	23	23	70.0	5400.0	43.0	0.0	98.0	290.0		180.0	160.0	0.0	0.0	252.0	254.0	0.0	0.0	250.0	236.0	7.8	7.3	7.2	240.0	264.00	262.00								
5	4927.0	24	24	23	0	24	24	24	23	70.0	2000.0	37.5	412.5	90.0	290.0		190.0	130.0	0.0	0.0	120.0	114.0	0.0	0.0	186.0	134.0	7.3	7.0	6.5	244.0	186.00	238.00								
6	4588.0	24	24	24	0	23	23	24	24	70.0	4400.0	43.0	1100.0	84.0	290.0		150.0	110.0	0.0	0.0	150.0	170.0	0.0	0.0	120.0	100.0	7.7	6.7	6.8	220.0	160.00	160.00								
7	5267.0	23	23	24	0	24	24	23	24	105.0	2400.0	48.0	550.0	96.0	290.0		110.0	110.0	0.0	0.0	226.0	252.0	0.0	0.0	160.0	176.0	7.9	7.2	7.0	140.0	252.00	182.00								
8	5647.0	24	24	23	0	23	23	23	23	175.0	2800.0	48.0	0.0	103.0	290.0		110.0	120.0	0.0	0.0	250.0	260.0	0.0	0.0	200.0	220.0	7.9	7.4	7.2	170.0	260.00	234.00								
9	5775.0	24	23	24	0	24	24	24	23	85.0	1600.0	34.0	0.0	106.0	290.0		0.0	120.0	0.0	0.0	244.0	260.0	0.0	0.0	220.0	234.0	7.0	7.3	7.3	210.0	266.00	246.00								
10	3959.0	23	24	24	0	24	23	24	24	35.0	1800.0	34.0	0.0	75.0	290.0		0.0	120.0	0.0	0.0	252.0	260.0	0.0	0.0	220.0	232.0	7.8	7.3	6.9	224.0	260.00	240.00								
11	4181.0	24	24	23	0	23	24	23	24	100.0	1600.0	38.0	0.0	77.0	290.0		0.0	140.0	0.0	0.0	260.0	250.0	0.0	0.0	220.0	210.0	7.9	7.0	7.1	224.0	260.00	252.00								
12	4611.0	24	24	24	0	24	24	24	24	0.0	1800.0	38.0	0.0	84.0	290.0		0.0	140.0	0.0	0.0	260.0	252.0	0.0	0.0	220.0	224.0	8.0	7.5	7.0	228.0	260.00	252.00								
13	4492.0	24	23	24	0	24	24	24	23	75.0	1700.0	38.0	0.0	82.0	290.0		0.0	140.0	0.0	0.0	240.0	260.0	0.0	0.0	220.0	230.0	7.9	6.9	7.0	234.0	260.00	260.00								
14	4803.0	23	24	24	0	24	24	23	24	70.0	1700.0	45.0	0.0	88.0	290.0		0.0	140.0	0.0	0.0	250.0	264.0	0.0	0.0	230.0	234.0	8.0	6.9	7.1	226.0	260.00	258.00								
15	5244.0	24	24	23	0	23	23	23	23	178.0	1800.0	45.0	0.0	96.0	290.0		0.0	140.0	0.0	0.0	244.0	252.0	0.0	0.0	224.0	240.0	7.7	7.1	7.8	224.0	244.00	224.00								
16	5525.0	24	24	24	23	23	23	23	23	205.0	1700.0	50.0	0.0	101.0	290.0		0.0	160.0	0.0	0.0	242.0	260.0	0.0	0.0	216.0	238.0	8.1	6.9	6.9	226.0	260.00	274.00								
17	5532.0	12	12	12	12	24	23	23	23	105.0	1700.0	41.0	0.0	101.0	290.0		0.0	160.0	0.0	0.0	244.0	268.0	0.0	0.0	230.0	240.0	8.0	7.2	7.1	220.0	272.00	294.00								
18	4808.0	0	0	0	0	23	24	23	23	100.0	3200.0	34.0	0.0	88.0	290.0		0.0	180.0	0.0	0.0	262.0	268.0	0.0	0.0	226.0	230.0	7.8	7.0	7.1	258.0	270.00	262.00								
19	4439.0	0	0	0	0	23	23	23	23	135.0	1800.0	42.0	0.0	81.0	290.0		0.0	150.0	0.0	0.0	260.0	266.0	0.0	0.0	238.0	234.0	7.9	7.2	7.3	250.0	266.00	270.00								
20	4986.0	0	0	0	0	23	23	23	23	130.0	1800.0	42.0	0.0	91.0	290.0		0.0	150.0	0.0	0.0	260.0	274.0	0.0	0.0	234.0	248.0	8.1	7.1	7.0	240.0	266.00	270.00								
21	5031.0	0	0	0	0	23	23	24	23	105.0	2200.0	37.0	0.0	92.0	290.0		0.0	150.0	0.0	0.0	270.0	272.0	0.0	0.0	250.0	242.0	8.0	7.3	7.1	260.0	268.00	268.00								
22	5089.0	0	0	0	0	23	23	22	23	170.0	2200.0	42.0	0.0	93.0	290.0		0.0	150.0	0.0	0.0	264.0	276.0	0.0	0.0	252.0	252.0	7.9	7.1	7.0	244.0	274.00	287.00								
23	5095.0	0	0	0	0	23	24	23	23	135.0	2100.0	42.0	0.0	93.0	290.0		0.0	170.0	0.0	0.0	264.0	270.0	0.0	0.0	242.0	262.0	7.9	7.2	7.1	242.0	290.00	306.00								
24	4358.0	0	0	0	0	23	23	23	23	140.0	2800.0	34.0	0.0	80.0	290.0		170.0	100.0	0.0	0.0	260.0	174.0	0.0	0.0	250.0	242.0	8.2	7.4	7.1	252.0	270.00	270.00								
25	4115.0	0	0	0	0	23	23	23	23	140.0	4240.0	34.0	550.0	75.0	290.0		0.0	100.0	0.0	0.0	198.0	226.0	0.0	0.0	164.0	152.0	7.5	6.7	6.7	250.0	220.00	210.00								
26	4092.0	0	0	0	0	24	24	24	24	0.0	3920.0	34.0	275.0	75.0	290.0		170.0	110.0	0.0	0.0	236.0	184.0	0.0	0.0	180.0	178.0	7.6	6.7	6.8	178.0	246.00	240.00								
27	4087.0	0	0	0	0	24	23	23	23	105.0	4240.0	34.0	1512.5	75.0	290.0		210.0	130.0	0.0	0.0	104.0	130.0	0.0	0.0	110.0	90.0	7.2	6.8	6.8	200.0	114.00	150.00								
28	4822.0	0	0	0	0	23	23	23	23	125.0	4080.0	42.0	1375.0	82.0	290.0		120.0	120.0	0.0	0.0	172.0	174.0	0.0	0.0	105.0	110.0	7.5	6.7	6.7	112.0	194.00	150.00								
29	5030.0	0	0	0	0	22	23	22	22	240.0	1200.0	42.0	1375.0	92.0	290.0		120.0	120.0	0.0	0.0	170.0	184.0	0.0	0.0	150.0	154.0	7.4	7.1	7.2	110.0	210.00	200.00								
30	4523.0	0	0	0	0	23	23	23	23	105.0	24000.0	42.0	275.0	83.0	290.0		110.0	110.0	0.0	0.0	186.0	204.0	0.0	0.0	170.0	160.0	7.3	7.3	6.7	164.0	186.00	184.00								
31																																								
Tot	145934.0	392.0	392.0	391.0	35.0	702.0	703.0	699.0	698.0	3183.0	95780.0	1224.5	7425.0	2666.0	8700.0		1640.0	4110.0																						
Avg	4864.5	13.1	13.1	13.0	1.2	23.4	23.4	23.3	23.3	106.1	3192.7	40.8	247.5	88.9	290.0		54.7	137.0			229.7	234.6			206.4	207.0	7.8	7.1	7.0	215.6	244.3	239.7								
Power Costs	\$24,738.94																																							
Labor Costs	\$49,250.80																																							
Chemicals	\$36,957.89																																							
Supplies	\$5,414.42																																							
Repairs	\$12,372.84																																							
Testing Cost	\$1,387.00																																							
TOTAL	\$130,121.89																																							
Cost per thousand gallons	\$0.89																																							
										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)																														
										% Wash Water Used										2.18%										Signed <u>Phillip Hightower</u>										
										Ave. Head Loss for Washing																				Print <u>Phillip Hightower</u>										
																														Title <u>Public Works Director</u>										
																														DEQ Form # 630-577 Revised 5/21/2018										
																														Oper. Cert. No. <u>90404</u>										

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	0.3				0.9				####
2	yes	0.3				0.8				####
3	yes	0.3				0.9				####
4	yes	0.3				0.9				####
5	yes	0.2				0.8				####
6	yes	0.3				0.8				####
7	yes	0.2				0.8				####
8	yes	0.2				0.9				####
9	yes	0.2				0.8				####
10	yes	0.2				0.9				####
11	yes	0.2				0.9				####
12	yes	0.2				0.9				####
13	yes	0.2				0.9				####
14	yes	0.2				0.9				####
15	yes	0.3				0.9				####
16	yes	0.3				0.9				####
17	yes	0.3				0.9				####
18	yes	0.4				0.9				####
19	yes	0.3				0.9				####
20	yes	0.3				0.9				####
21	yes	0.3				0.9				####
22	yes	0.3				0.8				####
23	yes	0.3				0.9				####
24	yes	0.3				0.9				####
25	yes	0.3				0.9				####
26	yes	0.3				0.9				####
27	yes	0.3				0.9				####
28	yes	0.3				0.9				####
29	yes	0.3				0.9				####
30	yes	0.3				0.9				####
31										####

Month November Year 2022
PWS Name Durant Water Treatment Plant

PWSID 1010601
Plant Name WTP
Total 30

Section 2: Summary of Chlorine Dioxide Daily Monitoring

- a. Number of Samples Collected 30.0
b. Number of Point of Entry Samples Exceeded MRDL of 0.8 mg/L 0.0

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

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

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

Section 3: Summary of Chlorite Daily Monitoring

- a. Number of Samples Collected 30.0
b. Number of Point of Entry Samples Exceeded MCL of 1.0 mg/L 0.0

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

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

Phillip Hightower

Signature of owner or operator

Phillip Hightower

Printed name

12/1/2022

Date

90404

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



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

PWSID 1010601 SYSTEM Durant Ok (SW) MONTH November
Type of Material Applied* Hydrofluorosilicic Acid Year 2022

Date	Water Treated (1000s of Gallons)	Applied		Residual Fluoride (F), ppm			
		lbs.	PPM of F	Raw		Distribution	
				(1)	(2)	(1)	(2)
1	4150	83	0.3	0	0.11	0.45	0.79
2	5533	101	0.3	0	0	0.67	0.62
3	5500	101	0.3	0	0.15	0.85	0.95
4	5365	98	0.3	0	0	0.65	0.63
5	4927	90	0.3	0	0	0.73	0.71
6	4588	84	0.3	0	0	0.68	0.84
7	5267	96	0.3	0.14	0	0.68	0.82
8	5647	103	0.3	0	0.03	0.85	0.44
9	5775	106	0.3	0	0	0.48	0.29
10	3959	73	0.3	0	0.12	0.79	0.82
11	4181	77	0.3	0	0.05	0.6	0.66
12	4611	84	0.3	0.29	0.24	0.78	0.69
13	4492	82	0.3	0	0.17	0.77	0.68
14	4803	88	0.3	0.14	0.23	0.78	0.76
15	5244	96	0.3	0	0	0.76	0.81
16	5525	101	0.3	0.04	0.24	0.75	0.83
17	5532	101	0.3	0.02	0.1	0.39	0.71
18	4808	88	0.3	0	0.1	0.55	0.91
19	4439	81	0.3	0.05	0	0.72	0.64
20	4986	91	0.3	0.34	0	0.76	0.48
21	5031	92	0.3	0	0.11	0.44	0.75
22	5089	93	0.3	0.04	0	0.75	0.47
23	5095	93	0.3	0.01	0.04	0.86	0.71
24	4358	80	0.3	0	0.11	0.57	0.7
25	4115	75	0.3	0	0.1	0.9	0.62
26	4092	75	0.3	0	0	0.81	0.82
27	4087	75	0.3	0	0	0.84	0.49
28	4822	82	0.3	0	0	0.7	0.52
29	5030	92	0.3	0	0.16	0.46	0.72
30	4523	83	0.3	0	0.21	0.82	0.81
31							
Total	145574	2664	9	1.07	2.27	20.84	20.69
Average	4852	89	0.30	0.04	0.08	0.69	0.69

* 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 Public Works Director

City Durant

Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR)
Monthly Operating Report Addendum
INSTRUCTIONS

Instructions: Answer all of the following questions for each individual filter at both plants. **If any IFE measurement is above 0.15 NTU complete and attach the Turbidity Trigger Evaluation form.** Do **not** report IFE turbidities less than 15 minutes after a filter backwash or if the filter is not contributing to the CFE (i.e. filter not operating, filter to waste or recycling, etc.).

Log Requirements

Your system is required to achieve a 2.0-log *Cryptosporidium* credit to be in compliance with the LT2ESWTR. This includes a minimum log credit of 1.0 through the addition of chlorine dioxide, a 0.5-log credit for combined filter performance and a 0.5-log credit for individual filter performance.

- To obtain a 0.5-log *Cryptosporidium* removal credit for IFE turbidity you must meet **both** of the following requirements:
 - IFE turbidity must be less than 0.15 NTU in at least 95 percent of values recorded at **each** filter.
 - No individual filter may have a measured turbidity greater than 0.3 NTU in two consecutive measurements taken 15 minutes apart.
- To obtain a 0.5-log *Cryptosporidium* removal credit for the CFE turbidity the measurements taken for the month at each plant must be equal to or less than 0.15 NTU in at least 95 percent of the measurements.
- The amount of *Cryptosporidium* inactivation log credit your system may receive is determined by the CT provided in the treatment process. The LT2ESWTR requires CT to be calculated at least once per day with both C (chlorine dioxide concentration) and T (contact time) measured during peak hourly flow. Log credit for chlorine dioxide as a function of CT and water temperature is determined using the chlorine dioxide CT table (see reverse) for *Cryptosporidium* inactivation.
 - Log credit should be calculated separately for each section of the raw water line. Total log credit for the raw water line is the sum of the log credit for each section of the raw water line.
 - Log credit should be calculated separately for each clarifier, taking into account the volume of water through each clarifier. Total log credit for the clarifiers should only include the lower of the two clarifier log credits.
 - Total daily log credit is the sum of the log credits for each section of the raw water line and the lower log credit of the two clarifiers.

Note: The LT2ESWTR requires all systems utilizing chlorine dioxide for disinfection to adhere to the Disinfectant Byproducts Rule (DBPR) regarding chlorine dioxide and chlorite monitoring. This requirement also includes the completion and submission of the *Chlorine Dioxide and Chlorite Monitoring and Reporting Form*.

CT Values (mg-min/L) for *Cryptosporidium* Inactivation by chlorine Dioxide¹

Log credit	Water Temperature, °C										
	≤ 0.5	1	2	3	5	7	10	15	20	25	30
0.25	159	153	140	128	107	90	69	45	29	19	12
0.50	319	305	279	256	214	180	138	89	58	38	24
1.00	637	610	558	511	429	360	277	179	116	75	49
1.50	956	915	838	767	643	539	415	268	174	113	73
2.00	1275	1220	1117	1023	858	719	553	357	232	150	98
2.50	1594	1525	1396	1278	1072	899	691	447	289	188	122
3.00	1912	1830	1675	1534	1289	1079	830	536	347	226	147

¹Systems may use this equation to determine log credit between the indicated values:

$$\text{Log credit} = (0.001506 \times (1.09116)^{\text{Temp}}) \times \text{CT}$$



Oklahoma DEQ
Water Quality Division
P.O. Box 1677
Oklahoma City, OK 73101
(405) 702-8100 Fax (405) 702-8101

Durant WTP
OK1010601
Water Treatment Plant—TP001
Month/Year: Month Year

Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR)

Monthly Operating Report Addendum

1) INDIVIDUAL FILTER EFFLUENTS (IFE)s

New Water Treatment Plant
Filter #1
1. Was turbidity measured every 15 minutes? Yes ☒ No ☐
2. Total number of turbidity samples: 2880
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
5. Were there 2 consecutive 15 minute measurements greater than 0.3 NTU? Yes ☐ No ☒
Filter #2
1. Was turbidity measured every 15 minutes? Yes ☒ No ☐
2. Total number of turbidity samples: 2880
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
5. Were there 2 consecutive 15 minute measurements greater than 0.3 NTU? Yes ☐ No ☒
Filter #3
1. Was turbidity measured every 15 minutes? Yes ☒ No ☐
2. Total number of turbidity samples: 2880
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
5. Were there 2 consecutive 15 minute measurements greater than 0.3 NTU? Yes ☐ No ☒
Filter #4
1. Was turbidity measured every 15 minutes? Yes ☒ No ☐
2. Total number of turbidity samples: 2880
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
5. Were there 2 consecutive 15 minute measurements greater than 0.3 NTU? Yes ☐ No ☒
Old Water Treatment Plant
Filter #1
1. Was turbidity measured every 15 minutes? Yes ☒ No ☐
2. Total number of turbidity samples: 1584
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
5. Were there 2 consecutive 15 minute measurements greater than 0.3 NTU? Yes ☐ No ☒
Filter #2
1. Was turbidity measured every 15 minutes? Yes ☒ No ☐
2. Total number of turbidity samples: 1584
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
5. Were there 2 consecutive 15 minute measurements greater than 0.3 NTU? Yes ☐ No ☒
Filter #3
1. Was turbidity measured every 15 minutes? Yes ☒ No ☐
2. Total number of turbidity samples: 1584
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
5. Were there 2 consecutive 15 minute measurements greater than 0.3 NTU? Yes ☐ No ☒
Filter #4
1. Was turbidity measured every 15 minutes? Yes ☒ No ☐
2. Total number of turbidity samples: 1584
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
5. Were there 2 consecutive 15 minute measurements greater than 0.3 NTU? Yes ☐ No ☒

2) COMBINED FILTER EFFLUENTS (CFEs)

New Water Treatment Plant
1. Was turbidity measured every 4 hours? Yes ☒ No ☐
2. Total number of turbidity samples: 180
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0
Old Water Treatment Plant
1. Was turbidity measured every 4 hours? Yes ☒ No ☐
2. Total number of turbidity samples: 66
3. Number of turbidity samples greater than 0.15 NTU: 0
4. Percent of turbidity samples greater than 0.15 NTU: 0

3) CHLORINE DIOXIDE

Raw Water Line
1. Was the concentration of chlorine dioxide present in each section of the raw water line measured at least once daily during the peak hourly flow? Yes ☒ No ☐
2. Was the contact time for each section of the raw water line calculated at least once per day during peak hourly flow? Yes ☒ No ☐
3. Was the minimum water temperature determined every day? Yes ☒ No ☐
4. Was the log credit for each section of the raw water line calculated daily? Yes ☒ No ☐
Clarifiers
1. Was the concentration of chlorine dioxide present in each clarifier measured at least once daily during the peak hourly flow? Yes ☒ No ☐
2. Was the contact time for each clarifier calculated at least once per day during peak hourly flow? Yes ☒ No ☐
3. Was the minimum water temperature determined every day? Yes ☒ No ☐
4. Was the log credit for each clarifier calculated daily? Yes ☒ No ☐

4) LOG INACTIVATION CREDIT

IFE Credit
1. For the individual filters, were at least 95% of each filter’s turbidity measurements less than or equal to 0.15 NTU? Yes ☒ (answer question 2) No ☐ (log credit 0.0)
2. Did any individual filter have a measured turbidity greater than 0.3 NTU in two consecutive measurements taken 15 minutes apart? Yes ☐ (log credit 0.0) No ☒ (log credit 0.5)
CFE Credit
1. For the combined filters, were at least 95% of each filter’s turbidity measurements less than or equal to 0.15 NTUs? Yes ☒ (log credit 0.5) No ☐ (log credit 0.0)
Chlorine Dioxide Credit
1. Was the required minimum log credit of 1 achieved each day? Yes ☒ (log credit 1.0) No ☐ (log credit 0.0)
Total Log Credit: #

Comments:

Old Plant Filter 1-4 taken off line to repair Sludge Vault Pump on 11/17/2022 at 12PM

Will be put online as soon as repairs are complete.

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

Printed Name: Phillip HightowerSignature: Phillip HightowerDate: 12/1/2022

Title: Public Works DirectorOp. Cert. No.: B90404

* The Department of Environmental Quality may at any time request additional information or perform an audit.



THE CITY OF DURANT

Office of the Water Treatment Plant

Water Treatment Plant Projects Schedule November 2022 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 weedeated Plant grounds when needed
16. Continue training
17. Treated 145,934,000 gallons of water
18. Exercise welder, diesel pump, and generator
19. Completed TOC and Fluoride sampling
20. Repaired Diesel Pump Day Tank
21. Flushed end points on water lines
22. Restored communications to Raw Pump Station
23. Responded to Power Outage at Plant
24. Removed broken valve and emptied Old Plant Clarifier in anticipation of sludge vault valve replacement
25. Cleaned out Old Plant Basin
26. Repaired drain in Alum Building
27. Repaired fittings on Poly Pumps
28. Emptied, cleaned, and repaired Alum Tanks 1 and 2
29. Repaired leak on Filter #1
30. Filter #4 underdrain replacement complete and put on line
31. Cardinal Glass Pump Station pump #2 repaired
32. Level indicators installed on Alum Tanks
33. New turbidity meters installed

B. Work Planned for December-January

1. Repair #1 raw Pump
2. Repair #3 raw Pump
3. Have towers inspected and cleaned
4. Replace underdrains in Old Plant Filters
5. Install pad for generator at Chlorites
6. SCADA installation
7. Install back up backwash pump

Approx. Start/Finish Date

As time permits
Waiting on Quotes/As time permits
Time permitting
#3 demolition started
Weather and time permitting
Waiting for additional equipment to complete
Waiting on pump to be delivered

C. Projects Planned and Requested for Authorization

None at this Time



The City of Durant

Memorandum

Date: 12/13/2022
To: Mayor and City Council
From:
Re: Administration

Council Information / Action Requested

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

ATTACHMENTS: