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

THE DURANT CITY UTILITIES AUTHORITY / DCUA

6:00 PM **Roscoe J. Hatfield Council Chambers, 300 West Evergreen, Durant, Oklahoma** **February 12, 2019**

AGENDA

DURANT CITY HALL
300 W. EVERGREEN, DURANT, OK
ROSCOE J. HATFIELD COUNCIL CHAMBERS

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 January 8, 2019

2. Consider Items Removed from Consent

3. Information Items

a. Landfill Information and Reports - January 2019

b. Solid Waste Department Monthly Report - January 2019

c. Utility Department Monthly Report - January 2019

d. Utility Line Maintenance Report- January 2019

e. Waste Water Treatment Plant and Lab Monthly Report - January 2019

f. Water Treatment Plant Monthly Reports - January 2019

4. Administration

ADJOURNMENT

CERTIFICATE

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 13th day of November, 2018 and that an agenda of said meeting was posted at the place of such meeting at 3:25 p.m. on the 8th day of February, 2019.

_____

Cynthia J. Price, City of Durant

Agenda Item: 1.a.

The City of Durant

Office of City Clerk

Memorandum

Date: 1/16/2019
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of January 8, 2019

Council Information / Action Requested

Approval of Regular Meeting Minutes of January 8, 2019

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

ATTACHMENTS:

Description	Type	Upload Date
Regular Meeting Minutes of January 8, 2019	Exhibit	1/16/2019

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 13th day of November, 2018 and that an agenda of said meeting was posted at the place of such meeting at 5:20 p.m. on the 4th day of January, 2019.

MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY UTILITIES AUTHORITY OF January 8, 2019 AT 6:00 PM, Roscoe J. Hatfield Council Chambers, 300 West Evergreen, Durant, Oklahoma

CALL TO ORDER

Chairman Tomlinson called the meeting to order at 7:01 p.m.

ROLL CALL

Present: Trustee Oden Grube
Trustee Mike Dills
Trustee Destry Hawthorne
Vice Chairman Chad Hitchcock
Chairman Jerry Tomlinson

City Attorney Tom Marcum
City Manager Tim Rundel
City Clerk Cynthia J. Price

Absent: None

(*denotes partial attendance)

Chairman Tomlinson 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 December 11, 2018

Approved

Motion was made by Destry Hawthorne and seconded by Chad Hitchcock to approve consent item as presented.

Motion Passed with the following vote:

Ayes: Dills, Grube, Hawthorne, Hitchcock, Tomlinson

2. Consideration Items Removed from Consent

3. Information Items

a. Landfill Information & Reports - December 2018

b. Solid Waste Department Monthly Report - December 2018

c. Utility Department Monthly Report - December 2018

d. Utility Line Maintenance Report- December 2018

e. Waste Water Treatment Plant and Lab Monthly Reports - December 2018

f. Water Treatment Plant Monthly Reports - December 2018

4. Administration

Adjournment

Motion was made by Chad Hitchcock and seconded by Destry Hawthorne to adjourn meeting.

Motion Passed with the following vote:

Ayes: Dills, Grube, Hawthorne, Hitchcock, Tomlinson

Agenda Item: 3.a.

The City of Durant

Solid Waste Landfill

Memorandum

Date: 2/1/2019
To: Utilities Authority
From: Kenny Cooper,Supervisor,Solid Waste Landfill
Re: Landfill Information and Reports - January 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
January 2019 DEQ Report	Cover Memo	2/1/2019
January 2019 Project Schedule	Cover Memo	2/1/2019

OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Administrative Services
Accounts Receivable
P. O. Box 2036
Oklahoma City, OK 73101-2036

MONTHLY REPORT FOR SOLID WASTE DISPOSAL FACILITIES

(Please see instructions prior to completing this form)
Due by the 10th of the month following the reporting month

Report month/year: **JANUARY 2019**

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: 25

COMPLETE SECTIONS 5-10 ONLY IF SCALES GO DOWN

DAY	(1) Total weight accepted (tons)	(2) Weight which is reused or recycled in accordance with facility permit (tons)	(3) Weight accepted from a DEQ approved emergency or special event (tons)	(4) Weight accepted from large industrial waste generators with DEQ exemption certificate (tons)	(5) Time scales placed out of service	(6) Time scales placed into service	(7) Total volume accepted (yd3)	(8) Volume which is reused or recycled in accordance with facility permit (yd3)	(9) Volume accepted from a DEQ approved emergency or special event (yd3)	(10) Volume accepted from large industrial waste generators with DEQ exemption certificate (yd3)
1										
2	15.68									
3	0.28									
4	6.43									
5	11.31									
6										
7	67.85									
8	71.37									
9	114.36									
10	75.94									
11	14.89									
12	0.48									
13										
14	39.74									
15	65.61									
16	64.2									
17	30.01									
18	60.56									
19	7.9									
20										
21										
22	36.97									
23	39.8									
24	47.84									
25	70.7									
26	6.93									
27										
28	64.47									
29	41.13									
30	54.22									
31	51.15									
Total	1059.82	0	0	0	0	0	0	0	0	0

I hereby certify that the information reported above is accurate and correct to the best of my knowledge and includes all solid waste received at this facility.

Signature of authorized agent: Tommy Cooper Phone #: 580-924-8358 Date: 2-1-19

e-mail address: kcooper@durant.org

INSTRUCTIONS FOR COMPLETING THE MONTHLY REPORT FOR SOLID WASTE DISPOSAL FACILITIES

The monthly report for solid waste disposal facilities should be submitted to the DEQ no later than the 10th of the month following the reporting month and should include all solid waste received during the month. **If no solid waste is received in a given month, a monthly report is still required. Please include a notation that no solid waste was received during the month.**

1. In the spaces provided, enter the month and year covered by the report, the facility name, permit number, mailing address, and phone number.

2. For each operating day of the month, provide the following and identify which days during the month the facility was closed.

Column 1: **Total weight accepted**: Enter the total weight, **in tons**, of all waste accepted at the facility for each day. The total must include weights to be reported in columns 2, 3, and 4.

Column 2: (Only applicable to landfill disposal facilities) **Weight which is reused or recycled in accordance with facility permit**: Enter the weight, **in tons**, of waste accepted at the facility which was productively reused at the facility in accordance with the facility's permit OR was recovered and sold in accordance with the facility's permit.

Column 3: (Only applicable to landfill disposal facilities) **Weight accepted from a DEQ approved emergency or special event**: Enter the weight, **in tons**, of waste accepted at the facility from an emergency or special event for which the facility received prior approval from the DEQ to waive the state disposal fee.

Column 4: (Only applicable to landfill disposal facilities) **Weight accepted from large industrial waste generators with DEQ exemption certificate**: Enter the weight, **in tons**, of waste received from large industrial waste generators **which was accompanied by a large industrial waste generator fee exemption certificate issued by the DEQ.**

Column 5: (Only applicable to landfill disposal facilities) **Time scales placed out-of-service**: Enter the approximate time (hour:minute) the scales became inoperative.

Column 6: (Only applicable to landfill disposal facilities) **Time scales placed into service**: Enter the approximate time (hour:minute) the scales were placed into service.

Note: Section 2-10-802 of the Oklahoma Solid Waste Management Act requires operators of certain landfill disposal facilities to weigh all solid waste received at the landfill. ***Only when the scales are inoperative may a landfill record the volume of waste***

Column 7: **Total volume accepted**: Enter the total volume **in cubic yards** of all waste accepted at the facility. The total must include volumes to be reported in columns 8, 9, and 10.

Column 8: (Only applicable to landfill disposal facilities) **Volume which is reused or recycled in accordance with facility permit**: Enter the volume, **in cubic yards**, of waste accepted at the facility which was productively reused at the facility in accordance with the facility's permit OR was recovered and sold in accordance with the facility's permit.

Column 9: (Only applicable to landfill disposal facilities) **Volume accepted from a DEQ approved emergency or special event**: Enter the volume, **in cubic yards**, of waste accepted at the facility from an emergency or special event for which the facility received prior approval from the DEQ to waive the state disposal fee.

Column 10: (Only applicable to landfill disposal facilities) **Volume accepted from large industrial waste generators with DEQ exemption certificate**: Enter the volume, **in cubic yards**, of waste received from large industrial waste generators **which was accompanied by a large industrial waste generator fee exemption certificate issued by the DEQ.**

3. At the end of the month, calculate the total down time for the scales (hours:minutes) and include in the space provided. Sum each column and include in the appropriate column.

THE CITY OF DURANT
Office of the Solid Waste Superintendent

DURANT
· OKLAHOMA ·

SOLID WASTE DISPOSAL PROJECTS SCHEDULE
January 2019

A. **Work Completed for January:**

1. Covered C & D Site
2. Hauled MSW To SORD
3. picked up 283 rolloff's & 10 delivered

B. **Work Planned For February:**

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. '19 – Dec. '19:** **Approx. Start – Finish Date:**

1. Haul trash to Ardmore 1-2019 thru 12-2019

D. **Projects Planned And Requested For Authorization:**

1. None.

1620 Blanchard Rd. • Durant, Oklahoma 74701 • (580) 920-2579 • Fax (580) 924-8344
www.durant.org

Agenda Item: 3.b.

The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 2/1/2019
To: Utilities Authority
From: Albert Pierce, Solid Waste Department Superintendent
Re: Solid Waste Department Monthly Report - January 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
Solid Waste Department Projects Schedule - January 2019	Exhibit	2/1/2019

THE CITY OF DURANT
Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS SCHEDULE
January 2019

A. Work Completed:

1. Hauled 18.73 tons of extra hauling
2. Hauled 61 loads of extra hauling
3. Picked up and delivered 18 sharps
4. One abatement this month
5. Cleaned Sunny Side rd. 1 time
6. Refurbished dumpsters
7. Replaced 4 dumpsters with new
8. Cleaned dead ends of Cemetery rd. 1 time

B. Work Planned For February

1. Refurbish. dumpsters
2.

C. Work Planned For Jan. '1-19 – Dec. 31-19

1. Pick up trash

D. Projects Planned And Requested For Authorization:

1. None.

1202 1/2 N.E. 2nd • Durant, Oklahoma 74701 • (580) 924-2707 • Fax (580) 924-8344
www.durant.org

Agenda Item: 3.c.

The City of Durant

Office of City Clerk

Memorandum

Date: 2/1/2019
To: Utilities Authority
From: Stephanie Barfield, Utility Billing Supervisor
Re: Utility Department Monthly Report - January 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
Utility Department Monthly Report - January 2019	Exhibit	2/1/2019

Monthly Utility Billing,
Cash Collection,
And Consumption Summary

JAN 2019

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	6779		5949		6713	
Total Revenue Billed	$291,030.18	$2,422,427.31	$213,990.74	$1,623,657.43	$356,075.59	$2,843,238.47
Adjustments in Dollar	($5,014.45)	($34,522.90)	($11,734.45)	($127,515.34)	($6,417.89)	($47,386.65)
TOTAL CASH RECEIPTS	$197,323.02	$2,286,688.07	$142,392.37	$1,472,081.62	$231,835.55	$2,591,158.39

CONSUMPTION IN GALLONS	78,315,800

NEW SERVICE APPLICATIONS	93
NUMBER OF WALK IN/PHONE PAYMENTS	2,461
MAIL PAYMENTS	1,454
CREDIT CARD PAYMENTS	970
WEB PAYMENTS	963
DROP BOX PAYMENTS	577
BANK DRAFT PAYMENTS	768
CREDIT CARD DRAFT PAYMENTS	192
KIOSK	807
OTHERS	

Agenda Item: 3.d.

The City of Durant

Office of the Water and Sewer Maintenance Department

Memorandum

Date: 2/8/2019
To: Utilities Authority
From: Jay Neal- Utility Line Maintenance Supervisor
Re: Utility Line Maintenance Report- January 2019

Council Information / Action Requested

Utility Line Maintenance Report- December 2018

1. **Line Repairs, Taps, Installs**
    a. **Water Leaks: 32**
    b. **Water Taps: 3**
    c. **Sewer Stops: 7**
    d. **Sewer Taps: 3**

2. **Upcoming/Ongoing/Completed Projects**
    a. **Ongoing: Airport Runway Extension ongoing (inclement weather)**
    b. **Upcoming: First United Hangar Project**
    c. **Ongoing: CMC Wastewater Monitoring**
    d. **Completed: Tie-in of 2 previously inactive hydrants at SOSU**
    e. **Upcoming: Water Smart AMR Meter Install**
    f. **Upcoming: Choctaw wastewater line installation for RV Overflow Lot**

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

ATTACHMENTS:

Description	Type	Upload Date
City Council Attachment	Cover Memo	2/8/2019

January 2019

Water Leaks:	32
Water Taps:	3
Sewer Leaks:	7
Sewer Taps:	3
Other Completed Jobs:	**208**
Carryover Balance to Next Month	**24**

Jobs/Day	**1.5**
Jobs/Week	**6.4**
Jobs/Month	**38**

Added Leaks	**56**
Taps	**17**

Agenda Item: 3.e.

The City of Durant

Office of the Wastewater Treatment Plant

Memorandum

Date: 2/4/2019
To: Utilities Authority
From: Terry Condor/Jason Ervin
Re: Waste Water Treatment Plant and Lab Monthly Report - January 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
Waste Water Treatment Plant and Lab Monthly Report - January 2019	Exhibit	2/4/2019

DURANT
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The City of Durant

Office of the Wastewater Treatment Plant

PROJECTS SCHEDULE

A: WORK COMPLETED IN JANUARY 2019

1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (on going)
2: CLEAN CLARIFIER WEIRS
3: CLEAN BLEND TANK MIXER
4: CLEAN EFFLUENT PUMP STATION -----
5: CLEAN RAW WATER PUMP STATION -----
6: CLEAN SCUM PUMP STATION
7: CLEAN DRAIN LIFT STATION 1-18-19
8: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER 1-11-19
9: CALIBRATE DISCHARGE DO & PH METER 1-18-19
10: CHECK CALIBRATION OF DISCHARGE FLOW METER 1-23-19
11: RESET SBR PLC
12: WASH DOWN STEP SCREEN 1-15-19
13: CLEAN UV TROUGHS AND FLUME 1-18-19
14: CHECK ELECTRIC MANHOLES
15: CLEAN OUT BUILDINGS
16: MANUALLY CHECK U.V. BULBS 1-15-19
17: WASH DOWN CASINO STEPSCREEN 1-4-19
18: CHECK ALL AUTOMATIC VALVES
19: VEHICLE INSPECTION 1-9-19
20: WALK-THRU INSPECTION 1-4-19
21: CLEAN ALL PLC's
22: CLEAN D.O. METERS
23: CHECK CLARIFIER OIL WEEKLY 1-7-19, 1-14-19, 1-23-19

TREATED 100.769 MG OF WASTEWATER
PROCESSED 0.972129 MG OF TREATED SLUDGE

B: WORK PLANNED FOR FEBRUARY 2019

1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (on going)
2: CLEAN CLARIFIER WEIRS
3: CLEAN BLEND TANK MIXER
4: CLEAN EFFLUENT PUMP STATION -----
5: CLEAN RAW WATER PUMP STATION -----
6: CLEAN SCUM PUMP STATION
7: CLEAN DRAIN LIFT STATION
8: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER
9: CALIBRATE DISCHARGE DO & PH METER
10: CHECK CALIBRATION OF DISCHARGE FLOW METER
11: RESET SBR PLC
12: WASH DOWN STEP SCREEN
13: CLEAN UV TROUGHS AND FLUME
14: CHECK ELECTRIC MANHOLES
15: CLEAN OUT BUILDINGS
16: MANUALLY CHECK U.V. BULBS
17: WASH DOWN CASINO STEPSCREEN
18: CHECK ALL AUTOMATIC VALVES
19: VEHICLE INSPECTION
20: WALK-THRU INSPECTION
21: CLEAN ALL PLC's
22: CLEAN D.O. METERS
23: CHECK CLARIFIER OIL WEEKLY
24: COMPLETE VFD PUMP AT HEADWORKS
25: CLEAN OUT GLASS FROM UV BANKS
26: REINSTALL UV MODULES
27: INSTALL DIGESTER FEED PUMP

Process Water and Sludge Flow Report

January 2019

Date	*Influent Flow (MG)*	*Drain Lift Station Flow (MG)*	*Casino Lift Station Flow (MG)*	*Combined Infl (MG)*	*Effluent Flow (MG)*	*GBT #1 Flow (KG)*	*GBT #2 Flow (KG)*	*Sludge Flow Digester #1 (KG)*	*Sludge Flow Digester #2 (KG)*
1/1/2019	3.223	0.065	0.277	3.565	3.419	41.297	0.000	0.000	9.294
1/2/2019	3.118	0.067	0.253	3.438	3.484	46.463	0.000	0.000	9.269
1/3/2019	4.163	0.072	0.362	4.596	4.732	45.241	0.000	0.000	9.258
1/4/2019	2.982	0.032	0.316	3.331	3.513	0.022	0.000	0.000	9.384
1/5/2019	3.202	0.030	0.317	3.549	3.580	0.016	0.000	0.000	9.348
1/6/2019	3.202	0.030	0.317	3.549	3.580	0.016	0.000	0.000	9.348
1/7/2019	3.335	0.070	0.208	3.613	3.633	45.393	0.000	0.000	9.900
1/8/2019	3.220	0.072	0.231	3.522	3.502	44.402	0.000	0.000	9.740
1/9/2019	3.139	0.071	0.190	3.400	3.365	44.836	0.000	0.000	10.267
1/10/2019	2.888	0.071	0.231	3.190	3.139	46.142	0.000	0.000	9.861
1/11/2019	3.651	0.079	0.294	4.024	4.010	48.623	0.000	0.000	9.998
1/12/2019	3.719	0.030	0.311	4.059	4.488	0.002	0.000	0.000	9.676
1/13/2019	3.719	0.030	0.311	4.059	4.488	0.002	0.000	0.000	9.676
1/14/2019	3.297	0.072	0.211	3.580	3.615	49.522	0.000	0.000	9.201
1/15/2019	2.976	0.075	0.229	3.279	3.259	50.871	0.000	0.000	9.366
1/16/2019	3.033	0.070	0.211	3.314	3.379	46.965	0.000	0.000	9.486
1/17/2019	2.822	0.066	0.232	3.120	3.195	43.629	0.000	0.000	9.516
1/18/2019	2.813	0.067	0.275	3.154	3.323	42.877	0.000	0.000	9.602
1/19/2019	2.849	0.027	0.290	3.166	3.404	0.016	0.000	0.000	9.300
1/20/2019	2.953	0.033	0.272	3.258	3.187	0.288	0.000	0.000	7.383
1/21/2019	2.953	0.033	0.272	3.258	3.187	0.288	0.000	0.000	7.383
1/22/2019	3.043	0.067	0.210	3.320	3.453	43.956	0.000	0.000	8.677
1/23/2019	2.918	0.066	0.209	3.194	3.876	46.230	0.000	0.000	9.267
1/24/2019	2.850	0.077	0.208	3.134	3.647	48.479	0.000	0.000	9.416
1/25/2019	2.661	0.062	0.272	2.995	3.351	48.831	0.000	0.000	8.735
1/26/2019	2.599	0.018	0.335	2.952	3.036	0.006	0.000	0.000	8.149
1/27/2019	2.736	0.039	0.233	3.007	3.052	0.007	0.000	0.000	8.308
1/28/2019	2.603	0.081	0.191	2.875	2.925	49.268	0.000	0.000	8.521
1/29/2019	2.209	0.068	0.207	2.484	2.514	45.792	0.000	0.000	8.169
1/30/2019	2.409	0.072	0.193	0.000	2.588	46.558	0.000	0.000	9.457

1/31/2019	2.504	0.069	0.209	2.782	3.305	46.090	0.000	0.000	9.391
Sum	*93.789*	*1.779*	*7.874*	*100.769*	*107.230*	*972.129*	*0.000*	*0.000*	*284.347*
Avg	*3.025*	*0.057*	*0.254*	*3.251*	*3.459*	*31.359*	*0.000*	*0.000*	*9.172*
Min	*2.209*	*0.018*	*0.190*	*0.000*	*2.514*	*0.002*	*0.000*	*0.000*	*7.383*
Max	*4.163*	*0.081*	*0.362*	*4.596*	*4.732*	*50.871*	*0.000*	*0.000*	*10.267*

CITY OF DURANT WASTEWATER TREATMENT PLANT MONTHLY OPERATION REPORT

MONTH OF **JANUARY 2019**

DAY	DATE	WEATHER		FLOW		PUMPS		INFLUENT DATA					SLUDGE		SBR DATA				DMR						Effluent	
		RAINFALL (in.)	Lo AIR TEMP	INFLUENT (MGD)	EFFLUENT (MGD)	RAW PUMP ONLINE	EFFLUENT PUMP ONLINE	pH	SETTLEABLE SOLIDS ml / L	Head work's BOD_5	Over the Weirs BOD_5	TSS	FEED SLUDGE (GPD)	GBT ONLINE	REACTOR #1 SETTLEABILITY	REACTOR #2 SETTLEABILITY	REACTOR #3 SETTLEABILITY	REACTOR #4 SETTLEABILITY	D.O. mg/L	pH	TSS mg/L	AMMONIA mg/L	$CBOD_5$	FECAL COLIFORM #cfu/100ml	Bis(2-Ethylhexyl)phthalate UG/L	Visible Foam or Floating Solids in Discharge/ Comments:
T	1/1/19		34	3.6	3.4	1	4	7.04	3				18588	41297	850	850	825	800	8.6	7.2						ND
W	1/2/19		30	3.4	3.5	1	4	7.28	2				18538	46463	850	875	850	800	9.0	7.3						NO
T	1/3/19		34	4.6	4.7	1	4	7.3	3	58.6	73.2	44	18516	45231					10.7	7.2	35	0.2	2.5			NO
F	1/4/19			3.3	3.5	1	4	7.3	3				18768						7.8	7.2						
S	1/5/19			3.5	3.6	1	4						18696						7.7	7.2						
S	1/6/19			3.4	3.6	1	4						17322						8.6	7.2						
M	1/7/19		61	3.6	3.6	1	4	7.1	2				19800	45393	850	800	800	900	8.2	7.1						NO
T	1/8/19		43	3.5	3.5	1	4	7.1	3				19480	44402	800	850	820	850	8.7	7.3						NO
W	1/9/19		34	3.4	3.4	1	4	7.2	2	73.8	72.4	64	20534	44836	790	725	750	800	8.6	7.3	2.5	0.2	2.0			NO
T	1/10/19		36	3.2	3.1	1	4	7.2	12				19722	46142					7.1	7.4						NO
F	1/11/19		45	4.0	4.0	1	4	7.0	3				19996	48623					7.6	7.3						NO
S	1/12/19			4.1	3.9	1	4						19352						7.2	7.3						
S	1/13/19			4.1	3.8	1	4						16732						8.6	7.4						
M	1/14/19		35	3.6	3.6	1	4	7.3	15				18402	49522	780	850	850	825	7.0	7.5						ND
T	1/15/19		29	3.3	3.3	1	4	7.2	2				18732	50871	800	850	800	825	7.5	7.10						NO
W	1/16/19		46	3.3	3.4	1	4	7.3	1				18972	46965	800	750	850	850	8.1	7.5						NO
T	1/17/19		50	3.1	3.2	1	4	7.2	2	43.8	79.4	32	19037	43629					8.8	7.5	5.1	0.2	2.2			NO
F	1/18/19		39	3.2	3.3	1	4	7.2	3				19204	42877					9.2	7.7						NO
S	1/19/19			3.2	3.4								18600						9.9	7.3						
S	1/20/19			3.3	3.2								14766						9.6	7.6						
M	1/21/19		[illegible]	3.3	3.2	1	4						16262						8.5	7.6						NO
T	1/22/19		52	3.3	3.4	1	4	7.3	12				17354	43956	875	850	850	750	8.4	7.6						NO
W	1/23/19		24	3.2	3.1	1	4	7.2	3	84.1	105.9	32	18534	46230	825	850	800	750	7.7	7.7	3.5	0.2	2.4			NO
T	1/24/19		27	3.1	3.0	1	4	7.2	5				18832	48479	850	850	800	800	7.3	7.5						NO
F	1/25/19		24	3.0	3.0	1	4	7.3	4				17470	48831					7.2	7.5						NO
S	1/26/19			3.0	3.0	1	4						16298						7.4	7.6						
S	1/27/19			3.0	3.0	1	4						16616						7.5	7.7						
M	1/28/19		37	2.9	2.9	1	4	7.3	3				17042	49268	850	850	850	825	7.2	7.7						NO
T	1/29/19		22	2.5	2.5	1	4	7.3	4				16338	45788	900	850	850	850	6.3	7.9						NO
W	1/30/19		29	2.6	2.6	1	4	7.5	5				18914	46558	850	775	800	850	7.7	8.2						ND
T	1/31/19		39	2.8	2.9	1	4						18782	46090												NO

m

THE CITY OF DURANT

Office of the Wastewater Treatment Plant Lab Report

1/1/19 to 1/31/19

Tests Processed

77 Bac-t's
105 BOD's
25 TSS's
15 NH3's
15 DO's
31 Ph's
0 Fecal Coliforms (May 1st – Sept. 30th) * 6 per set
0 FOG's

Work Projects

- Data entry
- Reports (water test results), Make copies and envelope
- Purchase Orders, copy, file
- Equipment calibrations and maintenance
- Sampling and process readings
- Quality Assurance, Quality Control tests
- Laboratory Testing
- Filing
- Daily/Weekly laboratory and WWTP building cleaning
- Monthly, Quarterly, Bi-annual, Yearly reports
- Ordering Lab chemicals and supplies
- Water Billing
- Storm water monitoring
- Storm water Report
- Pre-Treatment Inspections

Agenda Item: 3.f.

The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 2/1/2019
To: Utilities Authority
From: Phillip Hightower, Water Treatment Plant
Re: Water Treatment Plant Monthly Reports - January 2019

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
January 2019 - MOR #1	Exhibit	2/1/2019
January 2019 - MOR #2	Exhibit	2/1/2019
January 2019 -CLO2 and Chlorite Report	Exhibit	2/1/2019
January 2019 Monthly Report	Exhibit	2/1/2019

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT
WATER TREATMENT PLANTS

Mail original before the 10th of the following month
to the Department of Environmental Quality, Water Quality Division
P. O. Box 1677, Oklahoma City, OK 73101-1677

Plant: Durant Water Treatement F
PWSID: 1010601
Month: January 2019
Population: 19,491

Durant City Utilities Authority (*System*) | PO Box 578 (*Address*) | Durant OK (*City*) | 74702 (*ZIP*)

DAY	WATER TREATED	FILTER OPERATION: FILTERS USED-HOURS 1	2	3	4	5	6	7	8	WASH WATER IN 1000 GALS.	CHEMICALS USED-LBS.: ALUM	LIME	POLYMER Name:	NAOH	CARBON	OTHER Name: NH2SIF6	OTHER Name: copper sulf	CHLORINE PRE	CHLORINE POST	ALKALINITY: "P" RAW	"P" FILT	TOTAL AM RAW	TOTAL AM FILT	CLO2 Residual RAW	CLO2 Residual FILT	TOTAL PM RAW	TOTAL PM FILT	pH AM RAW	pH AM FILT	pH PM FILT	CaCO3 STABILITY Method:	HARDNESS (ppm) AM RAW	HARDNESS (ppm) AM FILT	Chlorite residual	Chlorite lbs/day	REMARKS
1	3,999	23	0	23	23	24	24	24	24	45	3400	0	40	0	0	0	0	170	70			146	138		0.12	210	120	7.8	6.6	6.6		166	202	212	0.76	280	
2	3,788	24	0	24	24	23	23	23	23	120	2900	0	40	0	0	0	0	120	60			192	118		0.16	202	148	7.5	6.7	6.7		186	218	174	0.85	280	
3	3,753	23	0	23	23	24	24	24	24	60	3700	0	40	0	0	0	0	120	60			166	140		0.22	174	146	7.6	6.7	6.9		166	186	214	0.9	280	
4	3,783	23	0	23	23	24	24	24	24	60	3900	0	40	0	0	0	0	100	60			94	124		0.23	136	90	7.2	6.8	6.7		178	146	212	0.66	280	
5	4,065	23	0	23	23	24	24	24	24	60	4400	0	40	0	0	0	0	130	60			126	74		0.18	110	76	7.5	6.5	6.5		170	198	200	0.76	280	
6	4,164	23	0	23	23	23	23	23	23	195	3900	0	40	0	0	0	0	120	50			136	70		0.29	154	72	7.4	6.2	6.5		134	158	160	0.71	280	
7	4,468	23	0	23	23	24	24	24	24	60	3400	0	40	0	0	0	0	200	80			194	86		0.21	208	104	7.7	6.5	6.6		132	236	182	0.71	300	
8	4,182	23	0	23	23	24	24	24	24	60	3500	0	40	0	0	0	0	130	60			230	142		0.17	246	166	7.5	6.7	6.7		150	222	222	0.76	300	
9	4,551	24	0	24	24	23	23	23	23	120	2900	0	40	0	0	0	0	90	70			230	188		0.15	262	198	7.7	6.9	6.9		182	282	260	0.76	300	
10	4,082	23	0	23	23	24	24	24	24	75	1800	0	40	550	0	0	0	50	50			260	220		0.11	272	216	7.5	7	7		214	292	296	0.71	280	
11	3,664	23	0	23	23	23	23	23	23	200	1600	0	40	550	0	0	0	80	60			284	254		0.13	270	240	7.7	7.4	7.6		240	314	286	0.85	280	
12	3,494	24	0	24	24	24	24	24	24		2500	0	40	688	0	0	0	80	60			266	248		0.12	206	256	7.6	7.6	7.6		228	264	272	0.85	240	
13	3,625	23	0	23	23	23	23	23	23	160	3300	0	40	1100	0	0	0	100	70			176	200		0.14	236	208	7.9	7.7	8		236	190	232	0.9	240	
14	4,056	24	0	24	24	24	24	24	24		2600	0	40	963	0	0	0	90	80			192	172		0.17	240	167	7.6	7.4	7.6		192	232	200	0.9	280	
15	4,137	23	0	23	23	24	24	23	23	100	2400	0	40	963	0	0	0	60	60			190	170		0.21	220	190	7.7	7.6	7.7		162	252	236	0.95	280	
16	4,087	24	0	24	24	23	23	24	24	50	1900	0	40	825	0	0	0	60	70			232	184		0.22	260	208	7.6	7.4	7.4		172	232	184	0.9	280	
17	3,874	23	0	23	23	24	24	24	24	75	1400	0	40	825	0	0	0	70	70			250	226		0.19	262	212	7.7	7.7	7.4		188	272	252	0.95	280	
18	3,671	24	0	24	24	24	24	23	23	59	1500	0	40	550	0	0	0	90	70			260	250		0.2	272	250	7.9	7.5	7.6		218	300	282	0.9	260	
19	3,771	23	0	23	23	23	23	24	24	125	1500	0	40	275	0	0	0	75	75			278	256		0.21	270	240	7.9	7.8	7.6		234	308	290	0.85	260	
20	3,763	24	0	23	24	24	24	23	23	75	1600	0	40	412	0	0	0	0	70			272	250		0.11	290	260	7.9	7.5	7.4		240	286	286	0.8	240	
21	3,800	23	0	24	23	23	23	24	24	100	1300	0	40	138	0	0	0	0	50			280	262		0.13	304	254	8	7.3	7.6		258	278	280	0.8	240	
22	4,167	24	0	23	24	24	24	23	23	70	1600	0	40	138	0	0	0	0	140			286	262		0.13	284	264	7.7	7.3	7.4		262	310	310	0.71	260	
23	4,176	23	0	23	23	23	23	24	24	110	1600	0	40	138	0	0	0	0	100			254	254		0.13	264	256	7.9	7.4	6.9		264	274	312	0.95	260	
24	4,170	23	0	23	23	24	24	23	23	110	1200	0	40	138	0	0	0	0	100			268	230		0.11	284	248	7.8	7.3	7.4		262	286	286	0.95	260	
25	4,080	24	0	24	24	23	23	24	24	50	1600	0	40	275	0	0	0	0	100			264	248		0.17	282	262	8	7.1	7.4		264	300	300	0.95	260	
26	4,135	23	0	23	23	23	23	23	23	197	1600	0	40	275	0	0	0	0	100			284	252		0.21	278	256	7.8	7.5	7.3		254	270	276	0.95	260	
27	4,318	22	0	22	22	24	24	23	23	145	1500	0	40	275	0	0	0	0	100			290	262		0.22	304	260	8	7.4	7.5		252	292	294	0.95	280	
28	4,309	23	0	23	23	23	23	24	24	100	1500	0	40	138	0	0	0	0	120			306	284		0.27	292	262	7.8	7.4	7.5		278	308	306	0.85	280	
29	4,330	23	0	23	23	23	23	23	23	140	1500	0	40	275	0	0	0	0	80			294	274		0.21	294	272	8.1	7.4	7.5		278	316	320	0.9	280	
30	4,319	23	0	23	23	23	23	23	23	140	1400	0	40	0	0	0	0	0	100			298	310		0.12	302	270	8	7.5	7.4		280	298	310	0.85	280	
31	4,141	23	0	22	23	23		23	23	127	1500	0	40	0	0	0	0	0	80			300	274		0.14	294	264	7.8	7.2	7.4		284	314	314	0.9	280	
TOT	124922	729	0	729	721	729	706	729	729	2988	70400		1240	9491				1935	2375			7298	6422		5.38	7682	6435	240	223	224		6724	8036	7960	26.19	8440	
Avg	4030	24	0	24	24	24	24	24	24	96	2271		40.00	306				62	77			235	207		0	248	208	7.7	7.2	7.2		216.9	259	257	0.845	######	

Power Costs	**$16,868.59**
Labor Costs	**$49,250.80**
Chemicals	**$19,649.03**
Supplies	**$1,111.29**
Repairs	**$1,966.56**
TOTAL	**$88,846.27**

Cost per thousand Gallons $ 0.71

Ave. Rate of Wash (Vert. in/min.)

Ave Wash Period (Minutes)

% Wash Water Used 2.39%

Ave. Head Loss for Washing

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

Signed PhillipHightower

Title Water Treatment Plant Supervisor

DEQ Form # 630-577A
Revised 9/1/2000

Oper. Cert. No. B 90404

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT
WATER TREATMENT PLANTS

Plant: Durant Water Treatment Plant
PWSID: 1010601
Month: January 2019
Population: 19,491

Durant City Utilities Authority — *System*
PO Box 578 — *Address*
Durant — *City*
74702 — *ZIP*

☑ Rapid Rate Filter
☐ Slow Sand Filter

	No. OF SAMPLES	% OF TOTAL SAMPLES	
TURBIDITY GREATER THAN 0.5 NTU:	0	0%	◄
TURBIDITY GREATER THAN 0.3 NTU:	0	0%	◄
TURBIDITY GREATER THAN 0.1 NTU:	11	6%	

TOTAL NO. OF TURBIDITY ANALYSES:	186

HIGHEST TURBIDITY READING	0.15	◄
NUMBER OF SAMPLES > 1 NTU	0	◄
NUMBER OF SAMPLES > 5 NTU	0	◄
95TH PERCENTILE OF FINISHED WATER TURBIDITY	0.10	◄ *NOT REQUIRED*
95TH PERCENTILE OF SETTLED WATER TURBIDITY	5.70	◄ *NOT REQUIRED*
CHLORINE RESIDUAL < 1.0 mg/l LEAVING PLANT *(# Samples)*		

INDIVIDUAL FILTER TURBIDITY CHECKLIST

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☑ Yes ☐ No

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS?
   - ☑ No, Go to Question 3.
   - ☐ Yes, What date was the filter profile completed? ____

   DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST MONTH?
   - ☐ No, Go to Question 3.
   - ☐ Yes, Schedule Comprehensive Perfomance Evaluation (CPE) with DEQ.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS?
   - ☑ No, Go to Question 4.
   - ☐ Yes, What date was the filter profile completed? ____

   DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST 2 MONTHS?
   - ☐ No, Go to Question 4.
   - ☐ Yes, What date was the filter self-assessment completed? ____

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15-MIN PERIODS AT THE END OF 4 HRS OF OPERATION?
   - ☑ No, You are finished with the checklist.
   - ☐ Yes, What date was the filter profile completed? ____

* IF ANY OF QUESTIONS 2 THROUGH 4 ARE CHECKED "YES", YOU MUST COMPLETE THE TURBIDITY TRIGGER EVALUATION FORM AND ATTACH TO THIS MOR.

	TURBIDITY									RESIDUAL DISINFECTANT							
										ENTRY POINT TO DISTRIBUTION						DISTRIBUTION	
DAY	RAW	SET	SET	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	12am	4am	8am	12pm	4pm	8pm	SYSTEM		COMMENTS
1	78.25	3.8	3.9	0.03	0.03	0.04	0.07	0.04	0.03	2.78	3.01	3.06	3.09	2.95	2.86	1.46	1.55	
2	45.55	4	3.9	0.11	0.07	0.04	0.03	0.04	0.04	2.89	3.27	3.29	3.25	3.24	3.25	2.60	2.03	
3	41.83	5.7	4	0.10	0.04	0.03	0.03	0.03	0.03	3.27	3.53	3.56	3.47	3.41	3.27	1.97	2.03	
4	84.72	5.3	3.9	0.04	0.05	0.08	0.03	0.03	0.03	3.27	3.16	3.07	2.76	2.43	2.27	2.14	2.29	
5	76.45	4	3.8	0.04	0.08	0.04	0.03	0.03	0.03	2.32	2.43	2.54	2.54	2.37	2.26	2.26	2.20	
6	86.30	4	3.2	0.08	0.06	0.05	0.10	0.03	0.03	2.41	2.86	2.78	2.81	2.86	2.67	2.12	2.41	
7	49.52	3.6	3.3	0.10	0.03	0.03	0.03	0.03	0.03	2.69	2.45	2.57	2.72	2.28	2.47	2.02	2.02	
8	49.85	3.4	2.7	0.08	0.03	0.03	0.03	0.03	0.06	2.47	2.63	2.57	2.62	2.33	2.22	2.25	1.96	
9	35.90	3.2	2.7	0.06	0.04	0.03	0.04	0.05	0.06	2.29	2.69	2.63	2.60	2.38	2.24	1.87	1.86	
10	27.46	3.1	2.8	0.07	0.03	0.03	0.03	0.03	0.12	2.28	2.43	2.46	2.54	2.52	2.60	2.13	1.76	
11	17.57	2.9	5.2	0.11	0.03	0.03	0.04	0.06	0.03	2.60	2.75	2.75	2.60	2.40	2.64	1.71	1.29	
12	14.11	6.9	8.6	0.03	0.03	0.03	0.03	0.04	0.07	2.57	2.51	2.50	2.51	2.46	2.31	1.63	2.30	
13	64.73	5.6	5.9	0.09	0.15	0.11	0.07	0.05	0.04	2.23	3.14	3.53	1.86	1.81	2.26	2.18	1.30	
14	35.73	3.5	3.8	0.04	0.03	0.03	0.03	0.03	0.03	2.38	2.45	2.58	2.75	2.72	2.45	1.32	2.21	
15	37.49	3.4	3.7	0.04	0.04	0.14	0.10	0.05	0.04	2.43	2.43	2.40	2.49	2.39	2.25	2.18	1.41	
16	25.92	3.2	2.7	0.04	0.04	0.04	0.11	0.05	0.06	2.27	2.34	2.37	2.52	2.56	2.51	1.97	1.34	
17	20.09	3.2	3.7	0.07	0.08	0.04	0.03	0.03	0.03	2.58	2.61	2.99	2.80	2.64	2.47	2.32	1.18	
18	14.80	3.1	3.8	0.04	0.05	0.04	0.04	0.05	0.05	2.48	2.54	2.59	2.76	2.64	2.37	1.19	2.29	
19	13.58	3.2	4.6	0.08	0.10	0.03	0.03	0.03	0.03	2.43	2.55	3.02	2.75	2.71	2.65	2.36	0.95	
20	14.23	2.9	3.7	0.06	0.04	0.03	0.08	0.04	0.05	2.56	2.75	2.76	2.91	2.89	2.62	0.85	2.46	
21	15.08	2.2	2.6	0.06	0.06	0.03	0.04	0.04	0.04	2.59	3.21	2.89	2.81	2.74	2.67	2.52	1.11	
22	12.38	3.8	3.5	0.07	0.05	0.03	0.04	0.04	0.06	2.65	2.69	2.91	2.73	2.66	2.62	1.30	2.50	
23	15.52	3.6	4	0.09	0.05	0.03	0.03	0.04	0.05	2.63	3.03	2.75	2.65	2.65	2.55	2.38	1.16	
24	15.44	3.7	3.8	0.07	0.06	0.04	0.04	0.07	0.05	2.55	2.72	2.80	2.54	2.55	2.52	1.23	2.38	
25	12.86	3	3.8	0.07	0.05	0.06	0.04	0.04	0.04	2.53	2.59	2.66	2.80	2.65	2.59	2.30	1.23	
26	11.64	3.1	3.6	0.08	0.06	0.08	0.09	0.04	0.04	2.59	2.62	2.70	2.79	2.78	2.64	1.29	2.38	
27	11.04	2.7	3.4	0.06	0.03	0.05	0.10	0.05	0.09	2.63	2.76	2.58	2.77	2.51	2.69	2.47	1.40	
28	12.10	2.9	4	0.06	0.05	0.03	0.03	0.04	0.04	2.66	2.69	2.87	2.69	2.69	2.70	1.31	2.52	
29	11.44	3.4	4.4	0.07	0.05	0.08	0.03	0.03	0.03	2.70	2.90	2.97	2.66	2.69	2.62	2.47	1.31	
30	10.47	3.4	3.8	0.05	0.11	0.04	0.04	0.04	0.04	2.62	2.64	2.94	2.71	2.85	2.66	1.30	2.51	
31	9.76	3.2	4.1	0.07	0.03	0.05	0.04	0.06	0.14	2.69	2.93	2.78	3.04	2.85	2.62	2.49	1.44	

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
...for a clean, attractive, prosperous Oklahoma

CHLORINE DIOXIDE AND CHLORITE MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWSID: OK 1010601 PWS Name: City of Durant

2. Compliance Information:

Water System Facility ID: 1010601 Plant Name: Durant Water Plant

Month: January Year: 2019

3. Analytical Results & Summary Information:

Entry Point Monitoring

Day	ClO_2 (mg/L)	Chlorite (mg/L)
1	0.12	0.76
2	0.16	0.85
3	0.22	0.9
4	0.23	0.66
5	0.18	0.76
6	0.29	0.71
7	0.21	0.71
8	0.17	0.76
9	0.15	0.76
10	0.11	0.71
11	0.13	0.85
12	0.12	0.85
13	0.14	0.9
14	0.17	0.9
15	0.21	0.95
16	0.22	0.9
17	0.19	0.95
18	0.2	0.9
19	0.21	0.85
20	0.11	0.8
21	0.13	0.8
22	0.13	0.71
23	0.13	0.95
24	0.11	0.95
25	0.17	0.95
26	0.21	0.95
27	0.22	0.95
28	0.27	0.85
29	0.21	0.9
30	0.12	0.85
31	0.14	0.9

Chlorine Dioxide Daily Monitoring (Summary Type: CLO2)

Number of Samples Required:		
Number of Samples Collected:		31
Was All Chlorine Dioxide Monitoring & Reporting Completed?	Yes / No	Yes / No
Number of ClO_2 samples exceeded the MRDL of 0.8 mg/L?		0

If a routine sample exceeds the MRDL, the system is required to take (3) three more samples the next day.

Chlorite Daily Monitoring (Summary Type: $CLO2^-$)

Number of Samples Required:		
Number of Samples Collected:		31
Was All Chlorite Monitoring & Reporting Completed?	Yes / No	Yes / No
Number of Chlorite samples exceeded the MCL of 1.0 mg/L?		

If a routine sample exceeds the MCL, the system is required to take (3) three more samples the next day.

*** If you didn't use Chlorine Dioxide for disinfection any day this month, please mark "n/a" in that day's box to prevent a Monitoring violation.**

Routine Chlorite Monthly Monitoring in Distribution System

Sampling Location	Lab Sample ID	Sampling Point ID	Collection Date	Certified Lab ID	Chlorite (mg/L)
Near 1st Customer					
Avg. Residence Time					
Max. Residence Time					

Monitoring Period Average:

Mark (X) if analytical results were reported electronically: _____

- If the arithmetic average of any three sample set exceeds the Chlorite MCL (1.0 mg/L), the system is in violation of the MCL.
- If more than one three-sample set was collected, attach additional copies of this form.

_____ _____

Signature of owner or operator: Date:

_____

Operator License Number

Send all documents to:

Joe Keeble
Disinfection Byproducts Compliance Coordinator
Water Quality Division, DEQ
P.O. Box 1677
Oklahoma City, Oklahoma 73101-1677

THE CITY OF DURANT
Office of the Water Treatment Plant

Water Treatment Plant Projects Schedule
January 2019 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. Fixed leaking caustic valve on the fill line
16. Lost communications to the off sites this occurred every week off the month of January
17. Pumped out the vaults at the towers in town
18. Rebuilt chlorinator for 150lbs chlorine bottle
19. Fixed holes in the roof of the tractor building
20. Fixed passenger side door handle on unit #600
21. Replaced wiper blades on unit #600 and #59
22. Did monthly safety inspection
23. Installed new chlorinator on 150lbs bottles at CLO2 building
24. Mowed and sprayed under 13th and Arkansas tower
25. Weed eated and cleaned around office building at the Plant
26. Cleaned floor and walls in New Filter Building
27. Started converting lights with bad ballasts over to LED bulbs in buildings around Plant
28. Cleaned transfer pump building
29. Vacuumed out unit #59

B. Work Planned for January-December	Approx Start/Finish Date
1. Paint buildings	Time permitting
2. Put Gravel at Chuckwa Tower	Time Permitting
3. Put Gravel at Raw Pump Station	Time Permitting
4. Fix #2 filter underdrain	Time permitting
5. Build new Fluoride Building	

C. Projects Planned and Requested for Authorization
- A. Upgrade raw pump building at the water plant
- B. Upgrade Scada system on Old and New Plant Filters

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