

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
AGENDA**

January 10, 2017

**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 for December 13, 2016

2. Consider Items Removed from Consent

3. Information Items

- a. Landfill Information and Reports - December 2016
- b. Waste Water Treatment Plant Monthly Projects Report - December 2016
- c. Waste Water Treatment Plant Lab Monthly Report - December 2016
- d. Utility Monthly Report - December 2016 (PRESENTED TO COUNCIL)
- e. Solid Waste Collection Report - December 2016 (PRESENTED TO COUNCIL)
- f. Water Treatment Plant Operation Reports - December 2016

(PRESENTED TO COUNCIL)

- g. Water and Sewer Line Maintenance & Operations Monthly Report -
December 2016 (PRESENTED TO COUNCIL)

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 17th day of November, 2016 and that an agenda of said meeting was posted at the place of such meeting at 3:50 p.m. on the 6th day of January, 2017.

Cynthia J. Price, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 12/20/2016
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes for December 13, 2016

Council Information / Action Requested

Approve regular meeting minutes for December 13, 2016.

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

ATTACHMENTS:

Description	Type	Upload Date
Regular Meeting Minutes 12.13.2016	Exhibit	12/20/2016

Agenda posted on Durant City Hall Entry Door at 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, 2015 and that an agenda of said meeting was posted at the place of such meeting at 4:30 p.m. on the 9th day of December, 2016.

MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY UTILITIES AUTHORITY OF December 13, 2016 AT 6:00 PM, Roscoe J. Hatfield Council Chambers, Durant City Hall

CALL TO ORDER

Vice Chairman Hawthorne called the meeting to order at 7:32 p.m.

ROLL CALL

Present: Trustee Chad Hitchcock	City Attorney Pat Phelps
Trustee Billy L. Orr	City Manager Tim Rundel
Trustee Jerry Tomlinson	City Clerk Cynthia J Price
Vice-Chairman Destry Hawthorne	

(*denotes partial attendance)

Absent: Chairman Stewart Hoffman

Vice Chairman Hawthorne 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 November 8, 2016

Approved

Motion was made by Jerry Tomlinson and seconded by Chad Hitchcock to approve consent item as presented. Motion Passed with the following vote:

Ayes: Hawthorne, Hitchcock, Hoffman, Orr, Tomlinson

2. Consideration Items Removed from Consent

3. Information Items

- a. Landfill Information & Reports - November 2016

- b. Solid Waste Collection Report - November 2016
Solid Waste Collection Report
- c. Water Plant Monthly Operation Reports - November 2016
- d. Wastewater Treatment Plant Monthly Projects Report - November 2016
- e. Wastewater Treatment Plant Monthly Lab Report - November 2016
- f. Utilities Monthly Report - November 2016

4. New Business

There was no new business.

Adjournment

Motion was made by Chad Hitchcock and seconded by Bill Orr to adjourn meeting.
Motion Passed with the following vote:

Ayes: Hawthorne, Hitchcock, Orr, Tomlinson

Absent: Hoffman



The City of Durant

Solid Waste Landfill

Memorandum

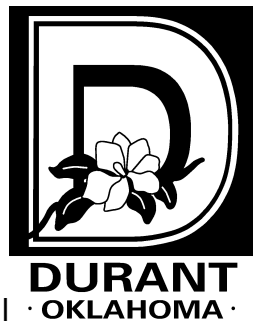
Date: 1/3/2017
To: Utilities Authority
From: Zefe Laborico, Solid Waste Supervisor
Re: Landfill Information and Reports - December 2016

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
January 2017 Project Schedule	Cover Memo	1/5/2017
DEQ Report	Cover Memo	1/4/2017
New Trailer	Cover Memo	1/5/2017
New Trailer 2	Cover Memo	1/5/2017
New Trailer3	Cover Memo	1/5/2017
New Trailer 4	Cover Memo	1/5/2017
New Trailer 5	Cover Memo	1/5/2017
New Trailer 6	Cover Memo	1/5/2017



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***January 2017***

A. Work Completed for November:

1. Covered C & D Site
2. Hauled MSW To SORD
3. Worked on Multi-use building

B. Work Planned For December:

1. Continue Covering C&D site
2. Have new C&D cell 10C inspected and approved
3. Haul MSW To SORD
4. Continue working on multi-use building

C. Work Planned For Jan. '17 – Dec. '17: Approx. Start – Finish Date:

1. Haul trash to Ardmore 1-2017 thru 12-2017

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: Dec-16

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

Permit Number: 3507001

Phone Number: 580-931-6606

Total # of Days open: 23

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	46.47									
2	98.89									
3	0.38									
4										
5	11.27									
6	17.83									
7	54.84									
8	69.17									
9	27.97									
10	8.15									
11										
12	69.82									
13	66.56									
14	32.38									
15	21.3									
16	93.28									
17	10.57									
18										
19	34.12									
20	59.7									
21	101.18									
22	75.11									
23										
24										
25										
26										
27	59.59									
28	57.49									
29	64.39									
30	62.22									
31										
Total	1142.68	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: _____ Phone #: 580-924-8358 Date: _____

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.

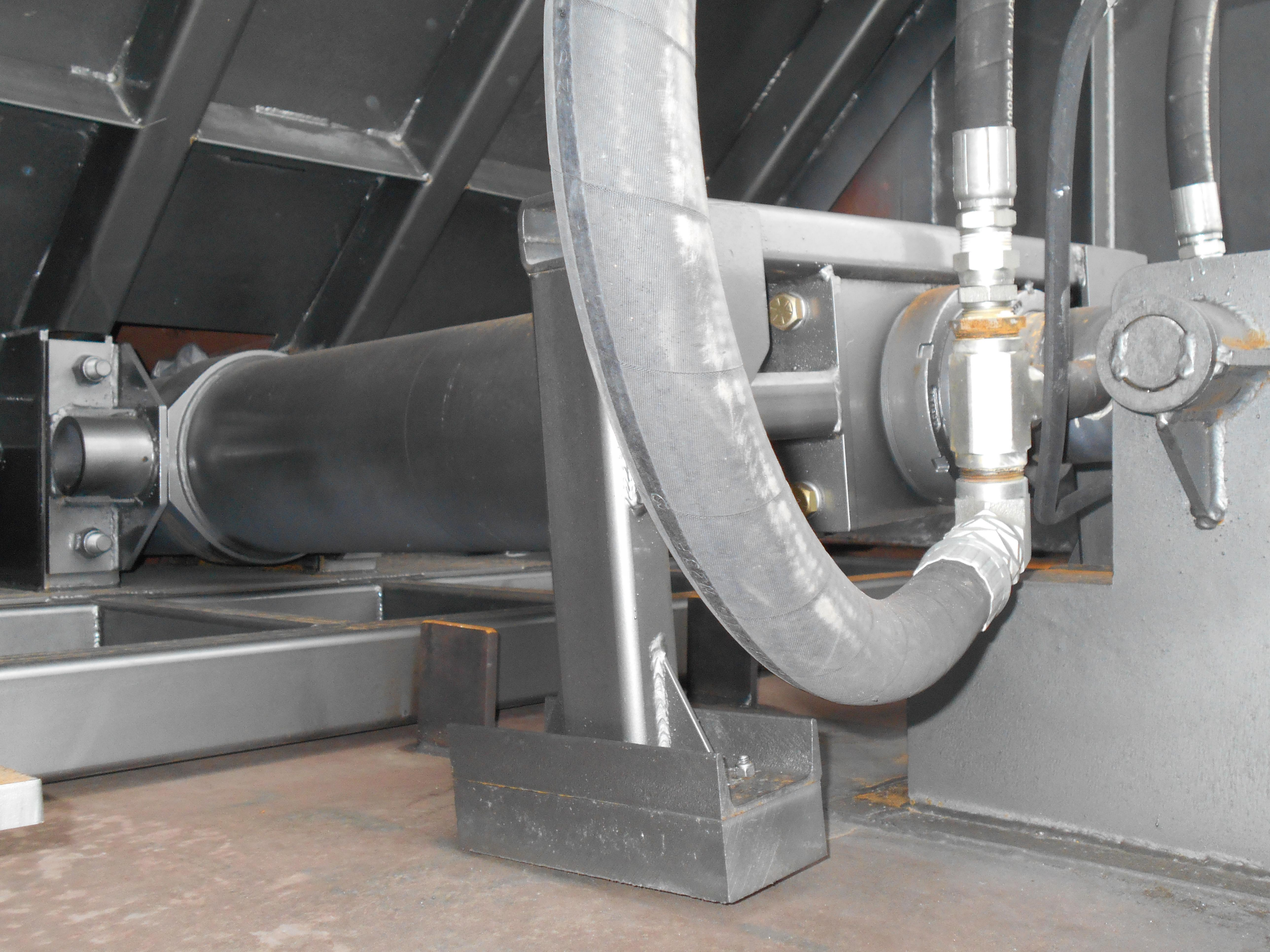
Column 10: (Only applicable to landfill disposal facilities) **Volume accepted from large industrial waste generators with DEQ exemption certificate:** Enter the volume, **in cubic yards**, of waste received from large industrial waste generators **which was accompanied by a large industrial waste generator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

Memorandum

Date: 1/4/2017
To: Utilities Authority
From: Terry Condor, Superintendent
Re: Waste Water Treatment Plant Monthly Projects Report - December 2016

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
WWTP DECEMBER 2016 PROJECT REPORT	Cover Memo	1/4/2017



The City of Durant

Office of the Wastewater Treatment Plant

PROJECTS SCHEDULE

A: WORK COMPLETED IN DECEMBER 2016

- 1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (on going)
- 2: CLEAN CLARIFIER WEIRS 12-20-16
- 3: CLEAN BLEND TANK MIXER 12-20-16
- 4: CLEAN EFFLUENT PUMP STATION (NOT NEEDED)
- 5: CLEAN RAW WATER PUMP STATION (NOT NEEDED)
- 6: CLEAN SCUM PUMP STATION 12-15-16
- 7: CLEAN DRAIN LIFT STATION 12-15-16
- 8: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER 12-5-16
- 9: CALIBRATE DISCHARGE DO & PH METER 12-8-16
- 10: CHECK CALIBRATION OF DISCHARGE FLOW METER
- 11: RESET SBR PLC (NOT NEEDED)
- 12: WASH DOWN STEP SCREEN 12-20-16
- 13: CLEAN UV TROUGHS AND FLUME 12-8,12-15-16
- 14: CHECK ELECTRIC MANHOLES 12-28-16
- 15: CLEAN OUT BUILDINGS 12-12-16
- 16: MANUALLY CHECK U.V. BULBS 12-7-16
- 17: WASH DOWN CASINO STEPSCREEN 12-12-16
- 18: CHECK ALL AUTOMATIC VALVES (OK)
- 19: VEHICLE INSPECTION 12-13-16
- 20: WALK-THRU INSPECTION 12-5-16
- 21: CLEAN ALL PLC's (NOT NEEDED)
- 22: CLEAN D.O. METERS (NOT NEEDED)
- 23: CHECK CLARIFIER OIL WEEKLY (DONE)
- 24: REPAIRED VFD PUMPS IN EFFLUENT AND RAW WATER STATIONS
- 25: REPLACE MOTOR ON STEPSCREEN HEADWORKS
- 26: 10 CALL BACK HOURS
- 27: WORKING ON GRIT PADDLE AT HEADWORKS GEARBOX 12-27-28
- 28: RESEALED CHOCTAW LIFT STATION 12-22-16

TREATED 52.900 MG OF WASTEWATER
PROCESSED 976.644 KG OF TREATED SLUDGE

B: WORK PLANNED FOR JANUARY 2017

- 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



The City of Durant

Office of the Wastewater Treatment Plant

Memorandum

Date: 1/4/2017
To: Utilities Authority
From: Waste Water Treatment Plant Lab
Re: Waste Water Treatment Plant Lab Monthly Report - December 2016

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
WWTP Lab Monthly Report - December 2016	Exhibit	1/9/2017



THE CITY OF DURANT

Office of the Wastewater Treatment Plant

Lab Report

Lab Tests Processed

<u>94</u>	Bac-t's
<u>84</u>	BOD's
<u>20</u>	TSS's
<u>14</u>	NH3's
<u>8</u>	DO's
<u>4</u>	Ph's
<u>0</u>	Fecal Coliforms (May 1 st – Sept. 30 th)
<u>0</u>	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
- Pretreatment

Durant Wastewater Influent & Effluent Results

Date Tested: 11/30/16

BOD INFLUENT (RAW) - 75 mg/L
TSS INF. (RAW) - 308 mg/L
AMMONIA NITROGEN INF. (RAW) - 29.7 mg/L
CBOD EFFLUENT (FINISH) - 2.0 mg/L
TSS EFF. (FINISH) - 2.5 mg/L
AMMONIA NITROGEN EFF. (FINISH) - 0.3 mg/L
FECAL COLIFORM EFF. (FINISH) - 0 & 0 CFU/100ml (May 1st – Sept. 30th)

Date Tested: 12/7/16

BOD INFLUENT (RAW) - 176 mg/L
TSS INF. (RAW) - 200 mg/L
AMMONIA NITROGEN INF. (RAW) - 39.2 mg/L
CBOD EFFLUENT (FINISH) - 2.0 mg/L
TSS EFF. (FINISH) - 2.5 mg/L
AMMONIA NITROGEN EFF. (FINISH) - 0.6 mg/L
FECAL COLIFORM EFF. (FINISH) - 0 & 0 CFU/100ml (May 1st – Sept. 30th)

Date Tested: 12/14/16

BOD INFLUENT (RAW) - 49.1 mg/L
TSS INF. (RAW) - 100 mg/L
AMMONIA NITROGEN INF. (RAW) - 32.0 mg/L
CBOD EFFLUENT (FINISH) - 3.0 mg/L
TSS EFF. (FINISH) - 2.5 mg/L
AMMONIA NITROGEN EFF. (FINISH) - 0.4 mg/L
FECAL COLIFORM EFF. (FINISH) - 0 & 0 CFU/100ml (May 1st – Sept. 30th)

Date Tested: 12/22/16

BOD INFLUENT (RAW) - 38.2 mg/L
TSS INF. (RAW) - 104 mg/L
AMMONIA NITROGEN INF. (RAW) - 30.1 mg/L
CBOD EFFLUENT (FINISH) - 2.0 mg/L
TSS EFF. (FINISH) - 2.5 mg/L
AMMONIA NITROGEN EFF. (FINISH) - 0.3 mg/L
FECAL COLIFORM EFF. (FINISH) - 0 & 0 CFU/100ml (May 1st – Sept. 30th)

Date Tested: 12/29/16

BOD INFLUENT (RAW) - 117.4 mg/L
TSS INF. (RAW) - 84 mg/L
AMMONIA NITROGEN INF. (RAW) - 37.1 mg/L
CBOD EFFLUENT (FINISH) - 2.4 mg/L
TSS EFF. (FINISH) - 2.5 mg/L
AMMONIA NITROGEN EFF. (FINISH) - 0.7 mg/L
FECAL COLIFORM EFF. (FINISH) - 0 & 0 CFU/100ml (May 1st – Sept. 30th)



The City of Durant

Utility Office

Memorandum

Date: 1/1/2017
To: Utilities Authority
From: Kelly Hawthorne, Utility Billing Manager
Re: Utility Monthly Report - December 2016 (PRESENTED TO COUNCIL)

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
December 2016 Utility Monthly Report	Exhibit	1/1/2017
December 2016 Utility Monthly Report Part 2	Exhibit	1/10/2017



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

December 2016

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	5983		5358		6154	
Total Revenue Billed	\$254,006.79	\$2,019,323.31	\$213,265.97	\$1,437,686.57	\$349,916.03	\$2,146,713.04
Amount of Penalties	\$14,594.70	\$54,372.86				
Adjustments in Dollar	(\$7,835.57)	(\$118,835.59)	(\$3,877.87)	(\$129,525.39)	(\$8,029.11)	(\$34,556.11)
TOTAL CASH RECEIPTS	\$267,547.58	\$1,726,412.46	\$227,766.45	\$1,095,475.87	\$357,551.55	\$1,864,524.52
CONSUMPTION IN GALLONS						64,610,400

Additional Utility Office Information

12/1 thru 12/31

New Service Applications	86
Service Order Issued for Water/Sewer	657
Service Order Issued for Solid Waste	202
Number of Walk In/Phone Payments	3484
Mail Payments	1637
Web Payments	717
Drop Box Payments	521
Other Payments *****	424

***** (Includes Tap Fees, Departmental Revenues, Accounts Receivable, Licenses and Permits)



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

December 2016

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
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12/1 thru 12/31

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Service Order Issued for Water/Sewer	657
Service Order Issued for Solid Waste	202
Number of Walk In/Phone Payments	3484
Mail Payments	1637
Web Payments	717
Drop Box Payments	521
Bank Draft Payments	707
Credit Card Draft Payments	193
Other Payments *****	424

***** (Includes Tap Fees, Departmental Revenues, Accounts Receivable, Licenses and Permits)



The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 1/10/2017
To: Utilities Authority
From:
Re: Solid Waste Collection Report - December 2016 (PRESENTED TO COUNCIL)

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Solid Waste Collection December 2016 Monthly Report	Cover Memo	1/3/2017



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS SCHEDULE *December 2016*

A. Work Completed:

1. Picked up & emptied 262 roll-offs
2. Picked up & emptied 62 compactors
3. Delivered 3 roll-offs to new customers
4. Delivered and picked up 15 Sharp containers
5. Picked up 28.89 tons of extra hauling
6. Hauled 57 loads of extra hauling to the landfill
7. Spring Trash Off

B. Work Planned For January

1. Refurbish 2&4 yd. Dumpsters

C. Work Planned For Jan. '17 – Dec. 31-17

1. Pick up trash

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 1/1/2017
To: Utilities Authority
From: Phillip Hightower, Water Treatment Plant
Re: Water Treatment Plant Operation Reports - December 2016 (PRESENTED TO COUNCIL)

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
December Fluoride	Cover Memo	1/1/2017
December MOR #1	Cover Memo	1/1/2017
December MOR #2	Cover Memo	1/1/2017
December CLO2 and Chlorite	Cover Memo	1/1/2017
December Maintenance Report	Cover Memo	1/1/2017

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

PWSID 1010601 SYSTEM Durant Ok (SW) MONTH December
Type of Material Applied* Sodium Silicofluoride Year 2016

Date	Water Treated (1000s of Gallons)	Applied		Residual Fluoride (F), ppm			
		lbs.	PPM of F	Raw		Distribution	
				(1)	(2)	(1)	(2)
1	3416	36	0.75	0.33	0.00	0.54	0.50
2	3526	44	0.89	0.00	0.01	0.69	0.59
3	3381	33	0.69	0.00	0.00	0.55	0.48
4	3507	30	0.61	0.34	0.00	0.74	0.58
5	3555	36	0.72	0.25	0.46	0.74	0.62
6	4236	38	0.64	0.00	0.13	0.66	0.69
7	4131	40	0.69	0.00	0.10	0.90	0.71
8	3813	39	0.73	0.04	0.00	0.70	0.43
9	3641	34	0.66	0.00	0.00	1.01	0.54
10	3262	42	0.91	0.00	0.00	0.86	0.39
11	3887	31	0.56	0.34	0.12	0.70	0.53
12	4110	39	0.67	0.00	0.18	0.46	0.47
13	4108	40	0.69	0.49	0.15	0.66	0.49
14	4157	40	0.69	0.00	0.41	0.62	0.58
15	3959	35	0.63	0.1	0.00	0.54	0.77
16	3541	43	0.86	0.00	0.02	0.76	0.46
17	3574	32	0.63	0.09	0.09	1.12	1.09
18	3579	35	0.70	0.01	0.00	0.88	0.79
19	3737	38	0.72	0.00	0.00	0.49	0.68
20	4765	41	0.61	0.45	0.49	0.60	0.85
21	4883	35	0.51	0.09	0.42	0.66	0.88
22	4421	42	0.67	0.00	0.36	0.67	0.77
23	4048	38	0.66	0.00	0.19	0.52	0.60
24	3819	35	0.65	0.00	0.00	0.34	0.77
25	3860	39	0.72	0.48	0.24	0.92	0.72
26	3602	35	0.69	0.09	0.37	0.62	0.72
27	3653	34	0.66	0.25	0.19	0.70	0.68
28	4005	45	0.80	0.10	0.15	0.54	0.51
29	4335	31	0.51	0.47	0.42	1.01	0.79
30	4074	36	0.63	0.18	0.25	0.71	0.53
31	3905	45	0.8	0.00	0.00	0.47	0.30
Total	120490	1161	21.37	4.10	4.75	21.56	19.51
Average	3887	37.45	0.69	0.13	0.15	0.70	0.63

* 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 _____
Title _____
City _____

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

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT
WATER TREATMENT PLANTS

Plant: Durant Water Treatment P
PWSID: 1010601
Month: December 2016
Population: 19,491

Durant City Utilities Authority
System
PO Box 578
Address
Durant OK
City
74702
ZIP

DAY	WATER TREATED	FILTER OPERATION										WASH WATER IN 1000 GALS.	CHEMICALS USED-LBS.										ALKALINITY								pH			CaCO3 STABILITY Method:	HARDNESS (ppm)			Chlorite residual	Chlorite lbs/day	REMARKS	
		FILTERS USED-HOURS											ALUM	LIME	POLYMER Name:		CARBON	OTHER Name: NH2SIF6	OTHER Name: copper sul	CHLORINE		"P"		TOTAL AM		CLO2 Residual		TOTAL PM		AM PM			RAW		FILT	FILT					
		1	2	3	4	5	6	7	8	PRE	POST									RAW	FILT	RAW	FILT	RAW	FILT	RAW	FILT	RAW	FILT	RAW	FILT	RAW					FILT				FILT
1	3,416	12	23	23	24	24	24	23	23	150	900	0	50	0	0	36	0	40	60			276	234		0.12	300	258	7.9	7.5	7.4	238	292	266	0.66	240						
2	3,526	24	24	24	24	24	24	24	24		900	0	50	0	0	44	0	60	60			270	242		0.18	260	240	7.7	7.1	7.5	240	288	280	0.57	240						
3	3,381	24	24	24	24	24	23	24	24	32	900	0	50	0	0	33	0	60	60			266	248		0.16	274	240	7.9	7.5	7.6	260	322	308	0.61	240						
4	3,507	24	24	24	23	23	24	23	24	90	800	0	50	0	0	30	0	40	60			278	260		0.1	286	280	8	7.6	7.5	268	280	284	0.66	240						
5	3,555	23	23	23	24	24	24	24	24	100	900	0	50	0	0	36	0	40	40			270	260		0.09	278	264	8	7.5	7.5	262	290	292	0.57	240						
6	4,236	24	24	24	24	24	23	24	23	50	1000	0	50	0	0	38	0	70	70			290	262		0.09	272	258	8.1	7.7	7.6	260	304	288	0.57	240						
7	4,131	24	24	24	24	24	23	24	23	70	1100	0	50	0	0	40	0	80	80			288	244		0.1	270	250	8.2	7.7	7.6	254	310	308	0.66	240						
8	3,813	24	23	23	23	24	23	24	24	120	900	0	50	0	0	39	0	60	60			272	248		0.08	274	240	8.2	7.7	8.2	274	308	278	0.76	240						
9	3,641	23	24	24	24	23	24	23	23	110	800	0	50	0	0	34	0	30	50			270	254		0.12	290	300	8.3	7.8	7.6	262	308	304	0.66	240						
10	3,262	24	24	24	24	24	24	24	24		900	0	50	0	0	42	0	40	60			290	260		0.11	294	254	8.2	7.7	7.6	266	304	284	0.38	240						
11	3,887	24	23	24	23	24	23	24	24	90	900	0	50	0	0	31	0	55	65			298	272		0.2	292	288	7.9	7.3	7.6	268	310	302	0.47	300						
12	4,110	23	24	23	24	23	24	23	23	140	700	0	50	0	0	39	0	40	60			298	280		0.24	290	286	8	7.5	7.6	278	302	302	0.79	300						
13	4,108	24	23	24	23	24	23	24	24	85	900	0	50	0	0	40	0	40	80			294	260		0.1	288	260	8	7.6	7.7	278	300	298	0.66	300						
14	4,157	23	24	23	24	23	24	23	24	110	900	0	50	0	0	40	0	40	80			286	278		0.09	280	272	8.1	7.7	7.7	276	310	298	0.57	270						
15	3,959	24	23	24	23	24	23	24	23	120	800	0	50	0	0	35	0	40	60			290	276		0.09	294	280	8.2	7.8	7.7	272	308	300	0.76	270						
16	3,541	24	24	24	24	23	24	23	24	70	700	0	50	0	0	43	0	40	40			290	284		0.09	288	270	8.1	7.8	7.7	278	306	298	0.71	250						
17	3,574	23	24	23	24	24	24	24	24	70	700	0	50	0	0	32	0	70	90			284	268		0.1	288	270	8.1	7.6	7.7	264	310	300	0.52	250						
18	3,579	24	24	24	24	24	23	24	23	60	800	0	50	0	0	35	0	40	60			292	270		0.12	294	276	7.9	7.4	7.7	280	294	280	0.47	250						
19	3,737	24	23	24	23	23	24	23	24	130	900	0	50	0	0	38	0	30	50			292	282		0.17	296	294	8	7.5	7.7	290	310	324	0.33	250						
20	4,765	23	23	23	23	24	23	23	24	130	1100	0	50	0	0	41	0	30	50			294	278		0.17	288	274	8.1	7.6	7.6	278	314	300	0.57	250						
21	4,883	23	23	23	23	23	23	24	23	290	1100	0	50	0	0	35	0	40	60			288	270		0.19	284	272	8.1	7.6	7.7	284	304	298	0.71	320						
22	4,421	23	23	23	23	24	23	23	23	115	1000	0	50	0	0	42	0	40	60			296	284		0.2	284	270	8.1	7.6	7.7	284	298	294	0.52	250						
23	4,048	23	24	24	23	23	24	24	24	75	900	0	50	0	0	38	0	40	40			284	268		0.15	286	272	8.1	7.6	7.7	274	302	274	0.57	250						
24	3,819	23	23	23	23	24	23	23	24	150	800	0	50	0	0	35	0	40	60			282	270		0.15	280	268	8.1	7.6	7.7	288	308	312	0.57	250						
25	3,860	24	23	23	24	23	24	24	23	90	900	0	50	0	0	39	0	40	60			288	284		0.13	300	294	7.9	7.4	7.7	282	288	290	0.66	250						
26	3,602	23	24	24	23	24	24	24	24	40	800	0	50	0	0	35	0	40	60			286	284		0.14	282	280	7.9	7.5	7.6	278	286	298	0.62	250						
27	3,653	24	24	24	24	24	23	23	24	50	900	0	50	0	0	34	0	40	40			282	282		0.09	274	272	8	7.5	7.5	284	292	300	0.47	250						
28	4,005	23	23	23	24	24	24	24	24	65	900	0	50	0	0	45	0	70	70			276	260		0.14	272	264	8.1	7.6	7.4	266	296	290	0.62	250						
29	4,335	24	24	24	24	23	24	24	23	50	800	0	50	0	0	31	0	50	70			286	284		0.11	284	264	8	7.5	7.6	264	290	294	0.62	270						
30	4,074	24	24	24	23	24	23	23	24	80	900	0	50	0	0	36	0	40	40			284	272		0.09	280	262	8	7.7	7.6	266	292	282	0.38	270						
31	3,905	24	23	23	24	24	24	24	24	60	800	0	50	0	0	45	0	40	60			270	258		0.18	268	260	8.1	7.7	7.7	254	292	272	0.47	270						
TOT	120490	733	733	733	731	733	731	731	734	2792	27300	0	1550	0	0	1161	0	1425	1855			8810	8276		4.09	8790	8332	249	235	237	8370	9318	9098	18.16	7970						
Avg	3887	24	24	24	24	24	24	24	24	90	881	0	50.00	0	0	37.45	0.00	46	60			284	267			0	284	269	8.0	7.6	7.6	270.0	301	293	0.586	#####					

Power Costs	\$18,601.76
Labor Costs	\$30,110.25
Chemicals	\$11,277.26
Supplies	\$843.08
Repairs	\$6,106.56
TOTAL	\$66,938.91

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

Signed

Steve Gray

Title

Water Treatment Plant Supervisor

DEQ Form # 630-577A

Revised 9/1/2000

Oper. Cert. No.

B 6824

Cost per thousand Gallons

Ave. Head Loss for Washing

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT
WATER TREATMENT PLANTS

Durant City Utilities Authority

System

PO Box 578

Address

Durant

City

74702

ZIP

Plant: Durant Water Treatment Plant

PWSID: 1010601

Month: December 2016

Population: 19,491

☒ Rapid Rate Filter

☐ Slow Sand Filter

No. OF

% OF TOTAL

SAMPLES

SAMPLES

TURBIDITY GREATER THAN 0.5 NTU:

0

0%

◀

TURBIDITY GREATER THAN 0.3 NTU:

0

0%

◀

TURBIDITY GREATER THAN 0.1 NTU:

8

4%

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

3.00

◀ 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?

	TURBIDITY									RESIDUAL DISINFECTANT								COMMENTS
DAY	RAW	SET	SET	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	ENTRY POINT TO DISTRIBUTION						DISTRIBUTION		
										12am	4am	8am	12pm	4pm	8pm	SYSTEM		
1	2.70	2.7	2.8	0.13	0.05	0.10	0.04	0.03	0.03	2.30	2.62	2.63	2.55	2.46	2.38	1.46	2.09	
2	1.88	2.1	3	0.03	0.04	0.04	0.04	0.03	0.03	2.48	2.63	2.68	2.63	2.47	2.48	1.80	1.69	
3	2.92	2	1.8	0.03	0.08	0.03	0.03	0.03	0.03	2.51	2.62	2.56	2.70	2.68	2.68	2.38	2.33	
4	2.39	1.3	2.1	0.04	0.05	0.03	0.03	0.03	0.03	2.69	2.85	2.88	2.76	2.72	2.66	1.92	2.51	
5	2.77	1.6	2	0.04	0.05	0.04	0.05	0.05	0.05	2.66	2.84	2.84	2.82	2.72	2.56	1.81	2.50	
6	2.57	1.7	2.7	0.08	0.04	0.08	0.06	0.11	0.12	2.57	2.83	2.77	2.83	2.72	2.61	2.23	2.64	
7	4.60	1.6	2.5	0.03	0.03	0.03	0.03	0.05	0.05	2.73	2.81	2.84	2.91	2.87	2.90	1.68	1.98	
8	2.55	3.1	2.1	0.08	0.04	0.05	0.06	0.05	0.08	2.90	3.09	3.07	2.81	2.80	2.53	1.87	1.91	
9	2.09	1.3	2.7	0.09	0.07	0.07	0.03	0.03	0.03	2.56	2.69	3.01	2.95	2.86	2.58	2.18	2.11	
10	2.80	2.1	2	0.03	0.03	0.03	0.04	0.05	0.06	2.63	2.70	2.77	2.92	2.91	2.66	1.93	1.90	
11	2.55	1.9	2.4	0.10	0.03	0.06	0.05	0.06	0.14	2.64	2.88	2.86	2.77	2.73	2.62	1.89	2.09	
12	2.29	2.3	2.4	0.08	0.03	0.04	0.04	0.04	0.06	2.64	2.84	2.75	2.75	2.55	2.36	2.04	2.12	
13	2.43	2	2.3	0.06	0.03	0.04	0.04	0.05	0.04	2.40	2.65	2.60	2.56	2.40	2.33	2.39	2.37	
14	2.27	1.3	2	0.08	0.04	0.03	0.04	0.05	0.07	2.32	2.60	2.60	2.57	2.55	2.48	2.18	2.17	
15	2.05	1.2	2.1	0.05	0.03	0.03	0.03	0.03	0.03	2.49	2.73	2.65	2.70	2.68	2.56	2.10	2.15	
16	2.34	1.9	1.8	0.03	0.06	0.03	0.03	0.03	0.03	2.56	2.60	2.70	2.82	2.77	2.62	2.28	2.12	
17	2.51	1.8	3.4	0.03	0.06	0.03	0.03	0.03	0.03	2.61	2.60	2.62	2.68	2.66	2.66	2.10	2.58	
18	1.99	1.4	2.1	0.04	0.03	0.03	0.03	0.04	0.04	2.56	2.62	2.69	2.66	2.56	2.66	2.02	2.09	
19	1.96	1.8	2.4	0.04	0.05	0.03	0.03	0.03	0.03	2.26	2.41	2.52	2.54	2.47	2.26	2.15	2.38	
20	2.25	3.2	2.9	0.03	0.07	0.07	0.10	0.12	0.11	2.28	2.42	2.53	2.40	2.35	2.31	2.26	2.07	
21	5.23	3	3	0.08	0.08	0.10	0.07	0.14	0.15	2.39	2.43	2.41	2.25	2.00	2.31	2.11	2.24	
22	5.55	2.5	2.8	0.06	0.06	0.09	0.05	0.09	0.06	2.45	2.47	2.42	2.43	2.18	2.10	1.90	2.02	
23	3.54	2.2	2.3	0.06	0.08	0.03	0.04	0.05	0.06	2.09	2.11	2.21	2.36	2.34	2.29	2.24	2.00	
24	2.64	2.3	2.4	0.08	0.05	0.10	0.03	0.03	0.04	2.30	2.33	2.50	2.49	2.44	2.32	2.02	2.06	
25	2.60	1.8	2.1	0.04	0.04	0.03	0.03	0.03	0.03	2.32	2.45	2.57	2.41	2.39	2.31	1.80	1.96	
26	2.18	1.2	1.6	0.05	0.04	0.03	0.03	0.03	0.03	2.29	2.33	2.38	2.39	2.33	2.26	1.80	1.96	
27	4.61	1	1.9	0.03	0.03	0.03	0.03	0.03	0.03	2.28	2.50	2.52	2.53	2.29	2.13	1.96	1.94	
28	2.24	0.8	1.7	0.05	0.03	0.05	0.03	0.03	0.03	2.20	2.37	2.35	2.38	2.02	2.14	1.78	1.94	
29	2.12	1.1	2.1	0.04	0.04	0.03	0.03	0.03	0.03	2.25	2.51	2.59	2.70	2.48	2.31	1.80	2.07	
30	2.44	0.8	1.4	0.03	0.03	0.03	0.04	0.03	0.03	2.45	2.59	2.71	2.82	2.62	2.11	1.88	1.90	
31	1.92	2	1.9	0.03	0.06	0.03	0.03	0.03	0.03	2.10	2.14	2.25	2.45	2.34	1.99	1.90	2.14	

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



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: Dec Year: 2016

3. Analytical Results & Summary Information:

Entry Point Monitoring			<u>Chlorine Dioxide Daily Monitoring (Summary Type: CLO2)</u>					
Day	ClO ₂ (mg/L)	Chlorite (mg/L)	Number of Samples Required:					
1	0.12	0.66	Number of Samples Collected:					
2	0.18	0.57	31					
3	0.16	0.61	Was All Chlorine Dioxide Monitoring & Reporting Completed? Yes / No					
4	0.1	0.66	Yes / No					
5	0.09	0.57	Number of ClO ₂ samples exceeded the MRDL of 0.8 mg/L?					
6	0.09	0.57	0					
7	0.1	0.66	If a routine sample exceeds the MRDL, the system is required to take (3) three more samples the next day.					
8	0.08	0.76	<u>Chlorite Daily Monitoring (Summary Type: CLO2)</u>					
9	0.12	0.66	Number of Samples Required:					
10	0.11	0.38	Number of Samples Collected:					
11	0.2	0.47	31					
12	0.24	0.79	Was All Chlorite Monitoring & Reporting Completed? Yes / No					
13	0.1	0.66	Yes / No					
14	0.09	0.57	Number of Chlorite samples exceeded the MCL of 1.0 mg/L?					
15	0.09	0.76	If a routine sample exceeds the MCL, the system is required to take (3) three more samples the next day.					
16	0.09	0.71	* 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.					
17	0.1	0.52	<u>Routine Chlorite Monthly Monitoring in Distribution System</u>					
18	0.12	0.47	Sampling Location	Lab Sample ID	Sampling Point ID	Collection Date	Certified Lab ID	Chlorite (mg/L)
19	0.17	0.33	Near 1st Customer					
20	0.17	0.57	Avg. Residence Time					
21	0.19	0.71	Max. Residence Time					
22	0.2	0.52	Monitoring Period Average:					
23	0.15	0.57	Mark (X) if analytical results were reported electronically: _____					
24	0.15	0.57	- 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.					
25	0.13	0.66						
26	0.14	0.62						
27	0.09	0.47						
28	0.14	0.62						
29	0.11	0.62						
30	0.09	0.38						
31	0.18	0.47						

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

DEQ Form # 630-577D
 Revision 06/01/2009



THE CITY OF DURANT

Office of the Water Treatment Plant

Water Treatment Plant Projects Schedule December 2016 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. Cardinal Glass pump station was upgraded with pumps that pumps 1400gpm
16. Worked on Old plant #1 filter air scour valve
17. Worked at Lagoons removing sludge
18. Replaced inline PH meter with a new one
19. Installed new heater in cl2 room
20. Worked on #8 filter surface wash valve
21. Replaced motor on old alum pump with the spare alum pumps motor
22. Replaced #1 air scour 6" valve
23. Installed new mechanical seals in south ninth #2 pump
24. Installed new heater in basement of new filter building
25. Install plywood in door opening going out to new filters 5 and 6
26. Replaced power supply on #5 filter console
27. Treated 120,490,000 gallons of water

B. Work Planned for January-December

1. Pull #2 yard pump
2. Get Osec Running
3. Get fence fixed at Chuckwa Tower

Approx Start/Finish Date

Time permitting
Time permitting
Time permitting

C. Projects Planned and Requested for Authorization

- A. Fencing around Cardinal Glass Tower
- B. Replace altitude valves at 3 towers in town



The City of Durant

Office of City Clerk

Memorandum

Date: 1/6/2017
To: Utilities Authority
From: Jay Neal, Supervisor
Re: Water and Sewer Line Maintenance & Operations Monthly Report - December 2016 (PRESENTED TO COUNCIL)

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Monthly Report - December 2016	Exhibit	1/6/2017

WATER AND SEWER LINE MAINTENANCE & OPERATIONS

MONTHLY REPORT - DECEMBER 2016

1) The CMC project began January 3rd, this past Tuesday. I have 60% of my workforce committed for labor to meet the February 1st deadline. Therefore, I only have one crew on leaks and major issues within the city. We can average 1-2 major issues a day during this time, as opposed to the 4-5 issues per day we reach on a normal basis.

2) The regular sewage backups at the Cemetery are due to the absence in lateral lines attached to the septic tank system installed. In the past it was deemed not necessary and dealt with by draining the septic tank on a regular basis. However, the installation of lateral lines would drastically decrease the amount of times we would need to drain that tank.

3) We are seeing an increasing trend with customers calling about water/sewer problems that are on the "city side", only to find out they are not. Usually, these customers get someone else involved to attempt to prove it's on the city side. Once we arrive at the location and find out that it's not, frustration and sometimes anger ensues. With the increased utilization of social media, these issues spread like wild fire. In an attempt to stave off some of the frustration and preemptively decrease these issues, I'm working with Marty Cook who recently produced an information slide for the city's Facebook page. Using that format, I'm creating a slide that outlines the processes for repairing water/sewer leaks.

Jay Neal, Supervisor