

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 AGENDA / DCUA

6:00 PM

**Roscoe J. Hatfield
Council Chambers,
Durant City Hall
AGENDA**

February 9, 2016

**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 Minutes
- b. Consider Approval of Claims - January 2016

2. Consider Items Removed from Consent

3. Information Items

- a. Utility Summary December 2015
- b. Utility Summary January 2016
- c. Water Treatment Plant's Operation Reports
- d. Solid Waste & Landfill January 2016 Reports
January 2016 Monthly Report for Solid Waste Collection and Solid Waste Disposal

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 10th day of November, 2015 and that an agenda of said meeting was posted at the place of such meeting at 6:30 p.m. on the 4th day of February, 2016.

Barbara Lilley, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 2/3/2016
To: Mayor and City Council
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Minutes

The minutes from the Regular Scheduled Meeting of the Durant City Utilities Authority of January 12, 2016 are attached for your review and consideration.

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
DCUA Minutes of 1.12.2016	Backup Material	2/3/2016

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 5:00 p.m. on the 7th day of January, 2016.

**MINUTES OF THE REGULAR SCHEDULED MEETING OF DURANT CITY UTILITIES
AUTHORITY OF January 12, 2016 AT 6:00 PM, ROSCOE J. HATFIELD COUNCIL
CHAMBERS, DURANT CITY HALL**

CALL TO ORDER

Meeting was called to order at 6:00 PM by Mayor Stewart Hoffman.

INVOCATION

No invocation was provided.

ROLL CALL

Present: Trustee Chad Hitchcock
Trustee Billy L. Orr
Trustee Jerry Tomlinson
Vice-Chairman Destry Hawthorne
Chairman Stewart Hoffman

City Attorney Pat Phelps
City Manager Sarah Sherrer
City Clerk Cynthia Price

Absent: None

Mayor Hoffman 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 Minutes of Durant City Utilities Authority Regular Meeting of December 8, 2015
- b. Consider Approval of Claims - December, 2015

Approved

Motion was made by Jerry Tomlinson and seconded by Destry Hawthorne to approve Consent Items 1(a) and 1(b). Motion Passed with the following vote:

Ayes: Hawthorne, Hitchcock, Hoffman, Orr, Tomlinson

2. Consideration Items Removed from Consent

3. Information Items

- a. Solid Waste & Landfill Monthly Report-December, 2015

4. New Business

There was no new business.

Adjournment

Meeting adjourned at 7:19 p.m.

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

Ayes: Hawthorne, Hitchcock, Hoffman, Orr, Tomlinson



The City of Durant

Office of City Clerk

Memorandum

Date: 2/3/2016
To: Mayor and City Council
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Claims - January 2016

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
DCUA Payroll Claims Summary	Backup Material	2/3/2016

PAYROLL CLAIMS SUMMARY
AS OF: JANUARY 31ST, 2016

405-DURANT UTILITIES AUTH.

	ANNUAL BUDGET	CURRENT PERIOD	Y-T-D ACTUAL	% OF BUDGET	Y-T-D ENCUMB.	BUDGET BALANCE
SALARIES AND BENEFITS						
PUBLIC WORKS ADMINISTRATI	98,409.00	7,440.72	58,734.79	59.68	0.00	39,674.21
UTILITY BILLING	159,974.00	17,881.43	127,960.52	79.99	0.00	32,013.48
WATER/SEWER LINE MAINT.	507,235.00	41,246.27	311,893.75	61.49	0.00	195,341.25
WATER TREATMENT PLANT	371,770.00	28,680.82	221,885.93	59.68	0.00	149,884.07
WASTEWATER TREATMENT	331,065.00	24,991.19	197,645.62	59.70	0.00	133,419.38
COLLECTION - SOLID WASTE	725,940.00	49,538.71	404,600.79	55.73	0.00	321,339.21
UTILITY GENERAL ADMIN.	351,787.00	0.00	0.00	0.00	0.00	351,787.00
DISPOSAL - SOLID WASTE	267,247.00	21,156.69	167,486.39	62.67	0.00	99,760.61
TOTAL SALARIES AND BENEFITS	2,813,427.00	190,935.83	1,490,207.79	52.97	0.00	1,323,219.21



The City of Durant

Utility Office

Memorandum

Date: 1/3/2016
To: Mayor and City Council
From:
Re: Utility Summary December 2015

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Utility Summary December 2015	Cover Memo	1/28/2016



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

DECEMBER 2015

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	6002		5873		6169	

Total Revenue Billed	\$238,091.71	\$1,743,198.31	\$145,694.13	\$919,318.84	\$314,892.45	\$2,217,257.96
Amount of Penalties	\$10,921.53	\$60,978.67				

Adjustments in Dollar	(\$7,691.86)	(\$36,336.79)	(\$2,562.27)	(\$19,813.81)	(\$4,224.37)	(\$40,102.23)
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TOTAL CASH RECEIPTS	\$306,174.98	\$1,622,885.67	\$180,014.28	\$876,720.01	\$359,321.00	\$1,823,268.26
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CONSUMPTION IN GALLONS	67,901,100
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The City of Durant

Utility Office

Memorandum

Date: 2/1/2016
To: Mayor and City Council
From:
Re: Utility Summary January 2016

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Utility Summary January 2016	Cover Memo	2/1/2016



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

JANUARY 2016

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	5991		5876		6148	

Total Revenue Billed	\$239,191.01	\$1,982,389.32	\$144,732.03	\$1,064,050.87	\$312,139.13	\$2,529,397.09
Amount of Penalties	\$8,416.55	\$69,395.22				

Adjustments in Dollar	(\$4,676.08)	(\$41,012.87)	(\$3,221.30)	(\$23,035.11)	(\$6,029.60)	(\$46,131.83)
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TOTAL CASH RECEIPTS	\$195,905.61	\$1,818,791.28	\$115,710.40	\$992,430.41	\$252,753.37	\$2,076,021.63
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CONSUMPTION IN GALLONS	69,539,800
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The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 2/2/2016
To: Mayor and City Council
From:
Re: Water Treatment Plant's Operation Reports

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Water Plants January Fluoride report that is sent to ODEQ and Oklahoma Health Department	Cover Memo	2/2/2016
Water Plant's January Monthly operation report that is submitted to ODEQ	Cover Memo	2/2/2016
Water Plant's January operation report that is submitted to ODEQ	Cover Memo	2/2/2016
Water Plant's January Crypto testing that is submitted to ODEQ	Cover Memo	2/2/2016
Water Plant's January Crypto testing at the plant that is submitted to ODEQ	Cover Memo	2/2/2016
Water Plant's January Filter Turbidity's for the Old Plant as required by ODEQ	Cover Memo	2/2/2016
Water Plant's January Filter turbidity's for the New plant that is required by ODEQ	Cover Memo	2/2/2016
Water Plant's January testing of Chlorites and Chlorine Dioxide that is submitted to ODEQ	Cover Memo	2/2/2016
Water Plant's Monthly report that details what was done in the month of January	Cover Memo	2/2/2016

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

PWSID 1010601 SYSTEM Durant Ok (SW) MONTH January
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	2503	20	0.5	0.2	0.0	0.5	0.4
2	3115	32	0.7	0.0	0.0	0.5	0.7
3	3195	23	0.5	0.1	0.0	0.6	0.9
4	3146	23	0.5	0.0	0.1	0.4	0.8
5	3571	23	0.4	0.0	0.1	0.5	0.4
6	3285	29	0.6	0.1	0.0	0.6	0.6
7	3058	21	0.4	0.0	0.0	0.4	0.9
8	3103	27	0.6	0.0	0.1	0.9	1.1
9	3174	26	0.5	0.0	0.0	0.6	0.8
10	3134	24	0.5	0.2	0.1	1.0	1.0
11	3209	23	0.5	0.2	0.1	0.6	0.9
12	3370	24	0.5	0.2	0.0	0.4	0.7
13	3398	25	0.5	0.0	0.0	0.6	0.7
14	3329	24	0.5	0.2	0.0	0.5	0.7
15	3324	29	0.6	0.0	0.1	0.8	0.7
16	3359	28	0.5	0.2	0.1	0.2	0.7
17	3336	18	0.3	0.4	0.0	0.7	0.9
18	3359	25	0.5	0.0	0.0	0.3	0.4
19	2851	28	0.7	0.0	0.1	0.4	0.7
20	2973	25	0.6	0.5	0.2	0.8	0.7
21	2601	24	0.6	0.8	0.0	0.9	0.9
22	2558	24	0.6	0.2	0.1	0.3	0.8
23	2609	26	0.7	0.3	0.0	1.0	0.8
24	2762	15	0.3	0.3	0.1	0.5	0.7
25	3441	30	0.6	0.0	0.0	0.5	0.5
26	3424	26	0.5	0.5	0.1	0.7	0.6
27	3237	27	0.6	0.3	0.3	0.7	0.6
28	3145	30	0.6	0.4	0.0	0.7	0.6
29	3219	30	0.6	0.0	0.1	0.6	0.7
30	3089	26	0.6	0.0	0.0	0.8	0.7
31	3176	32	0.7	0.0	0.0	0.6	0.5
Total	97053	787	16.95	5.1	1.9	18.6	21.9
Average	3131	25.39	0.5	0.1	0.0	0.6	0.7

* 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: January 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									
		1	2	3	4	5	6	7	8									PRE	POST	RAW	FILT	RAW	FILT	RAW	FILT	RAW	FILT	RAW	FILT		FILT						
1	2,503	24	0	24	24	24	24	24	24		2000	750	50	963	0	20	0	120	40			34	38		0.14	36	40	7	8.3	9.4		42	82	88	0.42	250	
2	3,115	24	0	24	24	23	23	24	24	75	2400	600	50	963	0	32	0	140	40			40	48		0.12	44	50	7.3	9.2	9.4		40	46	80	0.42	250	
3	3,195	24	0	24	24	24	24	23	23	70	2200	600	50	963	0	23	0	140	60			44	52		0.19	56	90	7.6	9.3	9.1		46	68	86	0.38	250	
4	3,146	23	0	23	24	23	24	24	24	110	2300	500	50	688	0	23	0	140	60			50	54		0.27	44	60	7.3	9.3	9.1		44	56	80	0.52	250	
5	3,571	24	0	24	23	24	23	24	24	65	1300	0	50	0	0	23	0	120	40			280	70		0.17	286	130	7.9	9.1	7.2		50	290	100	0.57	250	
6	3,285	24	0	24	24	24	24	23	24	35	1200	0	50	0	0	29	0	60	40			290	180		0.07	276	224	8	7.4	7.5		70	280	232	0.57	250	
7	3,058	24	0	24	24	23	24	24	23	55	3400	0	50	0	0	21	0	140	60			250	236		0.13	256	224	8.1	8.2	7.5		222	270	286	0.76	230	
8	3,103	24	0	24	24	24	23	24	24	55	2100	0	50	0	0	27	0	120	40			170	180		0.11	176	186	8	7.2	7.1		248	190	250	0.61	230	
9	3,174	23	0	23	24	24	24	23	23	159	1700	0	50	0	0	26	0	140	60			196	158		0.18	200	174	8.1	7.1	7.3		210	250	240	0.66	230	
10	3,134	24	0	24	23	23	24	24	24	70	1700	0	50	0	0	24	0	140	40			240	222		0.14	238	226	7.8	6.9	6.9		190	240	222	0.66	230	
11	3,209	24	0	24	24	24	23	23	24	60	1300	0	50	0	0	23	0	80	40			250	186		0.12	248	188	7.9	7.1	7.2		184	274	258	0.52	230	
12	3,370	24	11	24	24	24	24	24	23	30	1500	0	50	0	0	24	0	0	80			276	240		0.11	282	218	8.1	7.2	7.3		214	262	270	0.66	230	
13	3,398	23	24	24	24	24	23	24	24	75	1600	0	50	0	0	25	0	0	40			278	220		0.12	290	242	8	7.6	7.5		220	278	220	0.66	230	
14	3,329	24	24	23	24	24	23	24	24	70	1200	0	50	0	0	24	0	0	60			290	254		0.18	282	256	8.2	7.4	7.6		242	322	296	0.8	240	
15	3,324	24	24	24	23	24	24	23	24	70	1300	0	50	0	0	29	0	0	60			296	260		0.17	282	264	8.1	7.7	7.6		260	298	298	0.9	240	
16	3,359	24	23	24	24	23	24	24	24	73	1300	0	50	0	0	28	0	0	80			278	278		0.15	270	288	8.3	7.6	7.7		258	308	310	0.6	240	
17	3,336	23	24	23	24	24	23	24	23	150	1100	0	50	0	0	18	0	0	70			280	260		0.14	286	274	8	7.2	7.3		260	294	296	0.76	240	
18	3,359	24	24	24	23	23	24	23	24	110	1100	0	50	0	0	25	0	0	50			266	252		0.12	274	258	8	7.5	7.5		246	300	306	0.85	240	
19	2,851	24	24	24	24	24	24	24	24		1100	0	50	0	0	28	0	0	60			282	260		0.1	282	258	8	7.7	7.6		252	294	290	0.85	240	
20	2,973	23	24	23	24	24	23	24	24	110	1000	0	50	0	0	25	0	0	40			286	260		0.08	280	256	8.2	7.5	7.6		254	318	292	0.8	240	
21	2,601	24	23	24	23	24	24	24	24	80	800	0	50	0	0	24	0	30	50			274	242		0.11	262	240	8.2	7.6	7.6		254	284	298	0.85	240	
22	2,558	24	24	24	24	23	24	23	23	100	800	0	50	0	0	24	0	30	50			280	260		0.07	272	248	8.1	7.7	7.7		250	292	288	0.8	240	
23	2,609	24	24	24	24	24	24	24	24		800	0	50	0	0	26	0	30	50			284	240		0.13	278	246	8.3	7.6	7.7		254	320	312	0.47	240	
24	2,762	24	24	24	24	24	23	24	24	30	800	0	50	0	0	15	0	30	30			280	260		0.12	284	252	8.4	7.6	7.8		262	310	290	0.47	240	
25	3,441	23	24	23	24	23	24	23	24	95	1100	0	50	0	0	30	0	30	50			290	262		0.39	282	260	7.9	7.7	7.4		260	300	292	0.52	240	
26	3,424	24	24	24	23	24	24	24	24	40	1200	0	50	0	0	26	0	60	60			296	292		0.2	292	258	8.1	7.3	7.5		262	302	294	0.52	240	
27	3,237	24	23	24	24	24	23	24	23	100	1200	0	50	0	0	27	0	30	50			292	282		0.25	286	250	8.2	7.4	7.5		256	294	296	0.52	240	
28	3,145	24	24	24	24	24	24	24	24		1300	0	50	0	0	30	0	60	60			288	264		0.17	272	260	8.2	7.4	7.5		260	304	300	0.42	240	
29	3,219	23	24	23	23	23	24	23	24	170	800	0	50	0	0	30	0	30	50			290	250		0.17	284	252	8.1	7.6	7.5		256	306	300	0.38	240	
30	3,089	24	24	24	24	24	23	24	24	34	800	0	50	0	0	26	0	30	50			274	246		0.08	260	258	8.3	7.3	7.7		260	318	308	0.28	240	
31	3,176	24	23	24	24	24	24	24	23	70	800	0	50	0	0	32	0	50	50			278	256		0.09	264	260	8.1	7.3	7.4		274	312	308	0.33	240	
TOT	97053	737	467	737	737	734	734	735	736	2161	43200	2450	1550	3577		787		1750	1610			7502	6562		4.59	7424	6690	248	239	239		6400	8062	7786	18.53	7430	
Avg	3131	24	15	24	24	24	24	24	24	70	1394	79	50.00	115		25.39		56	52			242	212		0	239	216	8.0	7.7	7.7		206.5	260	251	0.598	#####	

Power Costs	\$13,255.16
Labor Costs	\$30,110.25
Chemicals	\$12,498.27
Supplies	\$740.55
Repairs	\$744.84
TOTAL	\$57,349.07

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

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

Ave Wash Period (Minutes)

Signed
Steve Gray

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

% Wash Water Used

Title
Water Treatment Plant Supervisor

Oper. Cert. No. B 6824

Cost per thousand Gallons \$ 0.59

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: January 2016

Population: 19,491

☒ 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:

17

9%

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

0.12

NOT REQUIRED

95TH PERCENTILE OF SETTLED WATER TURBIDITY

4.89

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 Performance 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								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	52.90	4.1	4.6	0.04	0.04	0.05	0.04	0.03	0.03	2.80	2.86	2.75	2.96	2.90	2.67	2.35	1.45	
2	45.02	4.7	5.5	0.04	0.07	0.05	0.05	0.06	0.09	2.58	2.82	2.95	2.82	2.82	2.80	2.30	1.42	
3	42.90	3.8	4.7	0.11	0.11	0.03	0.03	0.03	0.03	2.76	2.41	2.70	3.03	2.99	2.79	1.53	1.49	
4	38.78	4	4.6	0.08	0.03	0.06	0.08	0.14	0.03	2.85	3.11	3.17	3.09	2.88	3.16	2.19	1.55	
5	24.75	4.4	2.2	0.09	0.05	0.03	0.03	0.03	0.03	3.16	3.46	3.55	3.59	3.00	2.89	1.91	2.85	
6	21.15	3.5	4.4	0.04	0.05	0.09	0.11	0.03	0.04	2.99	3.29	3.52	3.67	3.63	3.59	2.22	1.73	
7	16.77	3.2	3.8	0.05	0.05	0.03	0.03	0.04	0.06	3.57	3.42	3.43	3.32	3.20	2.93	1.81	2.76	
8	76.34	3.9	4.1	0.08	0.08	0.05	0.04	0.05	0.05	2.92	3.00	3.00	3.05	3.01	2.70	2.08	2.66	
9	30.45	3.5	3.7	0.13	0.06	0.04	0.03	0.03	0.03	2.72	2.95	3.12	3.20	3.21	3.14	2.64	2.01	
10	22.89	3.8	2.6	0.05	0.04	0.03	0.03	0.03	0.03	3.15	3.37	3.48	3.65	3.62	3.05	2.02	1.99	
11	18.17	3.3	2.3	0.06	0.03	0.08	0.08	0.05	0.13	3.05	3.32	3.46	3.78	3.72	3.28	3.01	2.13	
12	17.22	3.4	3.9	0.07	0.03	0.14	0.06	0.04	0.06	3.30	3.34	3.39	3.47	3.21	2.64	1.85	2.76	
13	15.59	4.9	3.4	0.09	0.03	0.05	0.05	0.05	0.12	2.51	2.45	2.50	2.57	2.36	2.17	2.40	2.18	
14	14.42	3.2	5.4	0.13	0.04	0.04	0.04	0.05	0.08	2.08	2.19	2.14	2.13	2.07	2.00	1.88	2.13	
15	13.88	3.9	3.1	0.09	0.08	0.05	0.05	0.05	0.06	2.01	2.01	2.05	2.00	1.98	1.94	1.47	1.72	
16	14.06	2.8	5.5	0.08	0.06	0.04	0.06	0.08	0.13	1.95	1.94	1.95	2.06	2.02	1.98	1.89	1.96	
17	13.83	2.6	3	0.09	0.05	0.06	0.07	0.08	0.15	1.97	2.09	2.11	2.03	2.06	1.97	1.48	1.74	
18	11.95	3.7	3.4	0.10	0.07	0.05	0.05	0.05	0.09	2.00	2.06	2.08	2.02	1.99	1.85	1.48	1.91	
19	11.36	2.8	3	0.05	0.04	0.07	0.08	0.06	0.07	1.86	1.98	1.94	1.94	2.10	2.03	1.30	1.64	
20	10.46	3.5	3.8	0.07	0.06	0.04	0.04	0.04	0.04	1.96	1.83	1.87	1.84	1.83	1.81	1.33	1.60	
21	9.79	2.6	2.7	0.10	0.06	0.04	0.07	0.07	0.08	1.81	1.86	1.86	1.96	2.12	2.26	1.57	1.77	
22	9.08	3.5	3.1	0.11	0.08	0.05	0.04	0.05	0.04	2.25	2.29	2.35	2.58	2.47	2.33	1.75	1.53	
23	8.83	3	3.4	0.04	0.04	0.04	0.04	0.04	0.04	2.34	2.39	2.40	2.47	2.39	2.22	1.84	1.58	
24	8.17	2.6	2.3	0.06	0.06	0.06	0.06	0.05	0.07	2.23	2.28	2.31	2.34	2.30	2.21	1.37	1.88	
25	7.82	2.5	1.9	0.07	0.10	0.08	0.08	0.13	0.12	2.21	2.29	2.30	2.44	2.37	2.42	1.57	1.65	
26	8.66	3.9	3.1	0.08	0.11	0.07	0.07	0.09	0.08	2.48	2.54	2.62	2.66	2.51	2.50	1.71	1.69	
27	7.24	2.2	2.8	0.08	0.06	0.07	0.09	0.04	0.04	2.52	2.84	2.53	2.76	2.55	2.42	1.85	1.77	
28	6.34	2.6	3.5	0.04	0.04	0.06	0.05	0.07	0.07	2.48	2.68	2.72	2.86	2.82	2.47	2.22	2.39	
29	6.07	2.6	2.2	0.11	0.08	0.07	0.05	0.06	0.10	2.51	2.63	2.87	2.81	2.61	2.18	2.23	2.33	
30	6.18	1.7	1.8	0.12	0.04	0.05	0.06	0.04	0.05	2.35	2.40	2.42	2.45	2.48	2.10	1.89	1.98	
31	5.66	1.8	1.8	0.05	0.05	0.04	0.04	0.04	0.04	2.14	2.21	2.33	2.42	2.41	2.09	1.70	2.05	

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT

LT2ESWTR CRYPTOSPORIDIUM LOG REMOVAL

RAW WATER LINE

Plant: Durant WTP
PWSID: 1010601
Month: Jan-16

		Raw Water Line																			Subtotal	
		Sample Point A						Sample Point B						Sample Point C								
Day	Peak Hourly Flow (GPM)	Temperature (°C)	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Temperature (°C)	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Temperature (°C)	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Subtotal Log Credit (Raw Water Only)	Comments	
1	1806	8.7	0.71	45.61	32.38	310.85	0.10	9.0	0.47	330.18	155.18	302.82	0.51	9.5	0.44	79.05	34.78	289.89	0.12	0.74		
2	2083	8.6	0.86	39.55	34.01	313.57	0.11	8.9	0.53	286.27	151.72	305.47	0.50	9.4	0.48	68.53	32.90	292.43	0.11	0.72		
3	2222	9.0	0.78	37.07	28.92	302.82	0.10	8.9	0.56	268.36	150.28	305.47	0.49	9.2	0.42	64.25	26.98	297.58	0.09	0.68		
4	2222	8.9	0.74	37.07	27.43	305.47	0.09	8.7	0.56	268.36	150.28	310.85	0.48	9.0	0.46	64.25	29.55	302.82	0.10	0.67		
5	2222	8.5	0.78	37.07	28.92	316.32	0.09	8.4	0.55	268.36	147.60	319.09	0.46	9.2	0.44	64.25	28.27	297.58	0.09	0.65		
6	2500	8.2	0.88	32.95	29.00	324.71	0.09	8.2	0.60	238.52	143.11	324.71	0.44	8.9	0.47	57.10	26.84	305.47	0.09	0.62		
7	2222	8.2	0.81	37.07	30.03	324.71	0.09	8.3	0.57	268.36	152.97	321.89	0.48	9.0	0.48	64.25	30.84	302.82	0.10	0.67		
8	2222	8.4	0.74	37.07	27.43	319.09	0.09	8.6	0.52	268.36	139.55	313.57	0.45	9.3	0.45	64.25	28.91	294.99	0.10	0.63		
9	2222	8.6	0.73	37.07	27.06	313.57	0.09	8.9	0.51	268.36	136.86	305.47	0.45	9.8	0.48	64.25	30.84	282.40	0.11	0.64		
10	2222	8.4	0.84	37.07	31.14	319.09	0.10	8.9	0.77	268.36	206.64	305.47	0.68	9.3	0.72	64.25	46.26	294.99	0.16	0.93		
11	2222	8.0	0.92	37.07	34.11	330.42	0.10	8.1	0.70	268.36	187.85	327.55	0.57	8.6	0.61	64.25	39.19	313.57	0.12	0.80		
12	2222	7.1	1.02	37.07	37.81	357.41	0.11	7.5	0.74	268.36	198.59	345.15	0.58	8.1	0.68	64.25	43.69	327.55	0.13	0.81		
13	2361	6.9	1.04	34.89	36.29	363.70	0.10	7.4	0.73	252.56	184.37	348.18	0.53	8.2	0.70	60.46	42.33	324.71	0.13	0.76		
14	2361	7.6	1.09	34.89	38.03	342.16	0.11	7.9	0.73	252.56	184.37	333.32	0.55	8.6	0.73	60.46	44.14	313.57	0.14	0.81		
15	2361	8.2	1.05	34.89	36.63	324.71	0.11	8.6	0.73	252.56	184.37	313.57	0.59	9.4	0.71	60.46	42.93	292.43	0.15	0.85		
16	2361	8.2	1.02	34.89	35.59	324.71	0.11	8.6	0.83	252.56	209.63	313.57	0.67	9.8	0.75	60.46	45.35	282.40	0.16	0.94		
17	2361	8.4	1.00	34.89	34.89	319.09	0.11	8.8	0.88	252.56	222.26	308.15	0.72	9.1	0.74	60.46	44.74	300.19	0.15	0.98		
18	2361	8.3	1.12	34.89	39.08	321.89	0.12	8.5	0.81	252.56	204.58	316.32	0.65	8.7	0.77	60.46	46.56	310.85	0.15	0.92		
19	2361	7.6	1.09	34.89	38.03	342.16	0.11	7.7	0.79	252.56	199.52	339.18	0.59	8.2	0.77	60.46	46.56	324.71	0.14	0.84		
20	2083	7.2	0.98	39.55	38.76	354.31	0.11	7.5	0.75	286.27	214.70	345.15	0.62	8.1	0.69	68.53	47.29	327.55	0.14	0.88		
21	2083	7.0	1.11	39.55	43.90	360.54	0.12	7.3	0.80	286.27	229.02	351.23	0.65	8.1	0.77	68.53	52.77	327.55	0.16	0.93		
22	1806	6.8	1.09	45.61	49.72	366.89	0.14	7.0	0.80	330.18	264.14	360.54	0.73	8.0	0.74	79.05	58.49	330.42	0.18	1.05		
23	1806	6.6	1.00	45.61	45.61	373.35	0.12	6.8	0.79	330.18	260.84	366.89	0.71	7.8	0.74	79.05	58.49	336.24	0.17	1.01		
24	1806	7.0	1.04	45.61	47.44	360.54	0.13	7.3	0.89	330.18	293.86	351.23	0.84	7.8	0.85	79.05	67.19	336.24	0.20	1.17		
25	2361	7.3	1.21	34.89	42.22	351.23	0.12	7.7	1.08	252.56	272.77	339.18	0.80	8.2	1.09	60.46	65.91	324.71	0.20	1.13		
26	2361	8.2	1.07	34.89	37.33	324.71	0.11	8.5	0.90	252.56	227.31	316.32	0.72	9.0	0.85	60.46	51.39	302.82	0.17	1.00		
27	2361	8.4	1.10	34.89	38.38	319.09	0.12	8.6	0.92	252.56	232.36	313.57	0.74	8.9	0.90	60.46	54.42	305.47	0.18	1.04		
28	2222	8.3	1.07	37.07	39.67	321.89	0.12	8.5	0.94	268.36	252.26	316.32	0.80	8.7	0.91	64.25	58.46	310.85	0.19	1.11		
29	2222	8.4	1.23	37.07	45.60	319.09	0.14	8.7	0.94	268.36	252.26	310.85	0.81	8.9	0.89	64.25	57.18	305.47	0.19	1.14		
30	2222	9.1	1.11	37.07	41.15	300.19	0.14	9.3	0.78	268.36	209.32	294.99	0.71	9.5	0.73	64.25	46.90	289.89	0.16	1.01		
31	2222	9.9	1.16	37.07	43.00	279.95	0.15	10.4	0.84	268.36	225.42	268.00	0.84	10.3	0.78	64.25	50.11	270.35	0.19	1.18		

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

Signed

Title Water Treatment Plant Supervisor

Op. Cert. No. B 6824

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT

LT2ESWTR CRYPTOSPORIDIUM LOG REMOVAL

Water Treatment Plant & Total Log Credit

Plant: Durant WTP
PWSID: 1010601
Month: Jan-16

Day		Peak Hourly Flow (GPM)		Treatment Plant																				Subtotals		Filter Log Credit		Cryptosporidium Log Credit (TOTAL)		Compliance	
				Clarifier #1 (Old)							Clarifier #2 (New)							Clearwell													
				Temperature (°C)	Peak Hourly Flow (GPM) OLD PLANT	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Temperature (°C)	Peak Hourly Flow (GPM) NEW PLANT	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Temperature (°C)	Chlorine Dioxide Concentration (mg/L)	Detention Time (minutes)	CT (mg*min/L)	CT Required for 1 Log Credit	Log Credit	Subtotal Log Credit (WTP Only)	Subtotal Log Credit (Raw Water Only) Other Worksheet	IFE Turbidity Log Credit (Other Wksht)	CFE Turbidity Log Credit (Other Wksht)				
1	1806	9.2	764	0.24	981.68	235.60	297.58	0.79	9.1	1042	0.23	719.77	165.55	300.19	0.55	10.4	0.14	581.40	81.40	268.00	0.30	0.96	0.74	0.50	0.50	2.69	Y				
2	2083	8.6	903	0.26	830.56	215.95	313.57	0.69	8.7	1180	0.28	635.59	177.97	310.85	0.57	10.2	0.12	504.08	60.49	272.72	0.22	0.84	0.72	0.50	0.50	2.56	Y				
3	2222	8.1	972	0.21	771.60	162.04	327.55	0.49	7.9	1250	0.19	600.00	114.00	333.32	0.34	9.9	0.19	472.55	89.78	279.95	0.32	0.73	0.68	0.50	0.50	2.41	Y				
4	2222	8.0	972	0.41	771.60	316.36	330.42	0.96	7.7	1250	0.36	600.00	216.00	339.18	0.64	9.7	0.27	472.55	127.59	284.88	0.45	1.22	0.67	0.50	0.50	2.90	Y				
5	2222	8.2	972	0.27	771.60	208.33	324.71	0.64	8.1	1250	0.24	600.00	144.00	327.55	0.44	9.6	0.17	472.55	80.33	287.37	0.28	0.81	0.65	0.50	0.50	2.46	Y				
6	2500	8.2	1111	0.19	675.07	128.26	324.71	0.40	8.2	1389	0.14	539.96	75.59	324.71	0.23	9.3	0.07	420.00	29.40	294.99	0.10	0.40	0.62	0.50	0.50	2.02	Y				
7	2222	8.3	833	0.26	900.36	234.09	321.89	0.73	8.3	1389	0.18	539.96	97.19	321.89	0.30	9.1	0.13	472.55	61.43	300.19	0.20	0.67	0.67	0.50	0.50	2.34	Y				
8	2222	8.2	833	0.22	900.36	198.08	324.71	0.61	8.2	1389	0.16	539.96	86.39	324.71	0.27	9.4	0.11	472.55	51.98	292.43	0.18	0.57	0.63	0.50	0.50	2.20	Y				
9	2222	8.5	833	0.26	900.36	234.09	316.32	0.74	8.7	1389	0.13	539.96	70.19	310.85	0.23	9.6	0.18	472.55	85.06	287.37	0.30	0.71	0.64	0.50	0.50	2.36	Y				
10	2222	8.4	833	0.25	900.36	225.09	319.09	0.71	8.5	1389	0.27	539.96	145.79	316.32	0.46	9.2	0.14	472.55	66.16	297.58	0.22	0.77	0.93	0.50	0.50	2.71	Y				
11	2222	8.0	833	0.22	900.36	198.08	330.42	0.60	7.9	1389	0.25	539.96	134.99	333.32	0.40	8.7	0.12	472.55	56.71	310.85	0.18	0.66	0.80	0.50	0.50	2.46	Y				
12	2222	7.2	833	0.25	900.36	225.09	354.31	0.64	7.1	1389	0.24	539.96	129.59	357.41	0.36	8.4	0.11	472.55	51.98	319.09	0.16	0.63	0.81	0.50	0.50	2.44	Y				
13	2361	7.0	1180	0.24	635.59	152.54	360.54	0.42	6.9	1180	0.21	635.59	133.47	363.70	0.37	8.3	0.12	444.73	53.37	321.89	0.17	0.56	0.76	0.50	0.50	2.32	Y				
14	2361	7.6	1180	0.26	635.59	165.25	342.16	0.48	7.6	1180	0.25	635.59	158.90	342.16	0.46	8.5	0.18	444.73	80.05	316.32	0.25	0.73	0.81	0.50	0.50	2.53	Y				
15	2361	8.7	1180	0.21	635.59	133.47	310.85	0.43	8.7	1180	0.22	635.59	139.83	310.85	0.45	9.1	0.12	444.73	53.37	300.19	0.18	0.62	0.85	0.50	0.50	2.46	Y				
16	2361	9.4	1180	0.18	635.59	114.41	292.43	0.39	9.3	1180	0.17	635.59	108.05	294.99	0.37	9.6	0.15	444.73	66.71	287.37	0.23	0.61	0.94	0.50	0.50	2.55	Y				
17	2361	9.1	1180	0.19	635.59	120.76	300.19	0.40	8.9	1180	0.26	635.59	165.25	305.47	0.54	9.3	0.14	444.73	62.26	294.99	0.21	0.68	0.98	0.50	0.50	2.66	Y				
18	2361	8.1	1180	0.17	635.59	108.05	327.55	0.33	8.1	1180	0.23	635.59	146.19	327.55	0.45	9.0	0.12	444.73	53.37	302.82	0.18	0.56	0.92	0.50	0.50	2.48	Y				
19	2361	7.5	1180	0.20	635.59	127.12	345.15	0.37	7.4	1180	0.21	635.59	133.47	348.18	0.38	8.6	0.10	444.73	44.47	313.57	0.14	0.52	0.84	0.50	0.50	2.36	Y				
20	2083	7.2	1042	0.18	719.77	129.56	354.31	0.37	7.1	1042	0.18	719.77	129.56	357.41	0.36	8.4	0.08	504.08	40.33	319.09	0.13	0.49	0.88	0.50	0.50	2.37	Y				
21	2083	7.1	1042	0.19	719.77	136.76	357.41	0.38	7.0	1042	0.21	719.77	151.15	360.54	0.42	8.3	0.11	504.08	55.45	321.89	0.17	0.57	0.93	0.50	0.50	2.51	Y				
22	1806	7.2	903	0.27	830.56	224.25	354.31	0.63	7.2	903	0.19	830.56	157.81	354.31	0.45	8.1	0.07	581.40	40.70	327.55	0.12	0.66	1.05	0.50	0.50	2.71	Y				
23	1806	7.0	903	0.29	830.56	240.86	360.54	0.67	7.0	903	0.24	830.56	199.34	360.54	0.55	8.0	0.13	581.40	75.58	330.42	0.23	0.84	1.01	0.50	0.50	2.85	Y				
24	1806	6.9	903	0.22	830.56	182.72	363.70	0.50	6.6	903	0.20	830.56	166.11	373.35	0.44	8.0	0.12	581.40	69.77	330.42	0.21	0.68	1.17	0.50	0.50	2.85	Y				
25	2361	7.4	1180	0.34	635.59	216.10	348.18	0.62	7.4	1180	0.31	635.59	197.03	348.18	0.57	8.1	0.39	444.73	173.44	327.55	0.53	1.12	1.13	0.50	0.50	3.25	Y				
26	2361	8.2	1180	0.25	635.59	158.90	324.71	0.49	8.1	1180	0.23	635.59	146.19	327.55	0.45	8.6	0.20	444.73	88.95	313.57	0.28	0.75	1.00	0.50	0.50	2.75	Y				
27	2361	8.4	1180	0.30	635.59	190.68	319.09	0.60	8.5	1180	0.27	635.59	171.61	316.32	0.54	8.8	0.25	444.73	111.18	308.15	0.36	0.93	1.04	0.50	0.50	2.97	Y				
28	2222	8.3	1111	0.22	675.07	148.51	321.89	0.46	8.3	1111	0.20	675.07	135.01	321.89	0.42	8.8	0.17	472.55	80.33	308.15	0.26	0.70	1.11	0.50	0.50	2.81	Y				
29	2222	8.3	1111	0.30	675.07	202.52	321.89	0.63	8.3	1111	0.34	675.07	229.52	321.89	0.71	8.9	0.17	472.55	80.33	305.47	0.26	0.93	1.14	0.50	0.50	3.08	Y				
30	2222	8.4	1111	0.28	675.07	189.02	319.09	0.59	8.5	1111	0.24	675.07	162.02	316.32	0.51	9.3	0.08	472.55	37.80	294.99	0.13	0.68	1.01	0.50	0.50	2.69	Y				
31	2222	9.9	1111	0.29	675.07	195.77	279.95	0.70	10.1	1111	0.18	675.07	121.51	275.11	0.44	10.0	0.09	472.55	42.53	277.52	0.15	0.72	1.18	0.50	0.50	2.90	Y				

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

Signed _____

Title Water Treatment Plant Supervisor

Op. Cert. No. B 6824

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT

INDIVIDUAL FILTER TURBIDITY

Plant: Durant WTP

PWSID: 1010601

Month: Jan-16

IFE TURBIDITY GREATER THAN 0.3 NTU:	0	0.00%
IFE TURBIDITY GREATER THAN 0.15 NTU:	0	0.00%

TOTAL NO. OF TURBIDITY ANALYSES:	675
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HIGHEST TURBIDITY READING	0.14
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1. 95% OF SAMPLES BELOW 0.15 NTU? Yes

☐ No, Cryptosporidium Log Removal Credit of

☐ Yes, Go to Question 2.

2. DID ANY SINGLE FILTER EXCEED 0.3 NTU
IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ No, Cryptosporidium Log Removal Credit of

☐ Yes, Cryptosporidium Log Removal Credit may be

Old Water Treatment Plant																									
Filter 1							Filter 2						Filter 3						Filter 4						Comments:
DAY	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	
1	0.02	0.02	0.02	0.02	0.02	0.02	off	off	off	off	off	off	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.04	0.03	0.03	
2	0.02	0.02	0.02	0.02	0.02	0.02	off	off	off	off	off	off	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.03	
3	0.02	0.02	0.02	0.02	0.02	0.02	off	off	off	off	off	off	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	
4	0.08	0.02	0.02	0.02	0.02	0.02	off	off	off	off	off	off	0.06	0.03	0.03	0.03	0.03	0.03	0.06	0.03	0.03	0.03	0.05	0.03	
5	0.02	0.02	0.02	0.02	0.02	0.02	off	off	off	off	off	off	0.03	0.03	0.03	0.03	0.03	0.03	0.07	0.03	0.03	0.03	0.03	0.03	
6	0.02	0.02	0.02	0.02	0.02	0.02	off	off	off	off	off	off	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	
7	0.02	0.02	0.02	0.03	0.03	0.02	off	off	off	off	off	off	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	
8	0.03	0.03	0.05	0.04	0.05	0.06	off	off	off	off	off	off	0.03	0.03	0.03	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	
9	0.07	0.03	0.02	0.02	0.02	0.02	off	off	off	off	off	off	0.05	0.03	0.03	0.03	0.03	0.03	0.13	0.02	0.02	0.02	0.03	0.03	
10	0.02	0.02	0.02	0.02	0.02	0.02	off	off	off	off	off	off	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.03	0.02	0.02	0.02	
11	0.02	0.02	0.03	0.02	0.02	0.02	off	off	off	off	off	off	0.03	0.03	0.04	0.03	0.03	0.03	0.02	0.02	0.08	0.03	0.02	0.02	
12	0.02	0.02	0.14	0.03	0.02	0.02	off	off	off	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.11	0.03	0.02	0.02	
13	0.03	0.03	0.05	0.05	0.05	0.12	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.02	0.02	0.03	0.02	0.03	0.03	
14	0.04	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.04	0.03	0.03	0.03	0.03	0.13	0.03	0.03	0.04	0.03	0.04	
15	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.05	0.05	0.05	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.08	0.02	0.02	0.02	0.02	
16	0.03	0.03	0.04	0.05	0.08	0.06	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.06	0.02	0.02	0.02	0.02	0.02	0.02	
17	0.08	0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.09	0.05	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.04	0.03	
18	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.04	0.03	0.03	0.07	0.04	0.03	0.03	0.03	
19	0.03	0.04	0.05	0.05	0.06	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	
20	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.07	0.06	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	
21	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.10	0.06	0.03	0.03	0.03	0.03	
22	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	
23	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	
24	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.06	0.06	0.05	0.07	0.03	0.03	0.03	0.03	0.03	0.03	
25	0.05	0.10	0.06	0.08	0.13	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.07	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.05	0.05	0.07	
26	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.07	0.07	0.09	0.08	0.04	0.04	0.04	0.04	0.04	0.04	0.08	0.11	0.03	0.03	0.03	0.03	
27	0.03	0.03	0.03	0.04	0.03	0.03	0.08	0.03	0.03	0.03	0.03	0.03	0.05	0.06	0.07	0.09	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	
28	0.03	0.04	0.05	0.05	0.05	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.04	
29	0.07	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.08	0.05	0.04	0.04	0.04	0.04	0.05	0.03	0.03	0.03	0.03	
30	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	
31	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	

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

Signed _____

Title Water Treatment Plant Supervisor

Op. Cert. No.

B 6824

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT

INDIVIDUAL FILTER TURBIDITY

Plant: Durant WTP

PWSID: 1010601

Month: Jan-16

IFE TURBIDITY GREATER THAN 0.3 NTU:	0	0.00%
IFE TURBIDITY GREATER THAN 0.15 NTU:	0	0.00%

TOTAL NO. OF TURBIDITY ANALYSES:	744
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HIGHEST TURBIDITY READING	0.15
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1. 95% OF SAMPLES BELOW 0.15 NTU? Yes

☐ No, Cryptosporidium Log Removal Credit of

☐ Yes, Go to Question 2.

2. DID ANY SINGLE FILTER EXCEED 0.3 NTU
IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ No, Cryptosporidium Log Removal Credit of

☐ Yes, Cryptosporidium Log Removal Credit may be

New Water Treatment Plant																								
DAY	Filter 5						Filter 6						Filter 7						Filter 8					
	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	2400-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400
1	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2	0.04	0.07	0.03	0.03	0.03	0.03	0.02	0.07	0.04	0.05	0.02	0.02	0.03	0.07	0.05	0.05	0.06	0.09	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.11	0.11	0.03	0.02	0.02	0.02	0.03	0.14	0.03	0.03	0.03	0.03
4	0.03	0.03	0.06	0.08	0.14	0.03	0.02	0.02	0.02	0.02	0.10	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.03
5	0.03	0.02	0.02	0.02	0.03	0.03	0.09	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.03	0.03	0.03	0.03	0.03
6	0.03	0.03	0.03	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.05	0.09	0.11	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04
7	0.04	0.05	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.06	0.03	0.03	0.03	0.02	0.02	0.02	0.05	0.03	0.03	0.03	0.03	0.03
8	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.08	0.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
9	0.03	0.03	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.06	0.06	0.04	0.03	0.02	0.02	0.06	0.06	0.03	0.03	0.03
10	0.05	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
11	0.02	0.02	0.02	0.03	0.02	0.03	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.08	0.05	0.07	0.03	0.03	0.03	0.05	0.03	0.13
12	0.03	0.03	0.04	0.03	0.04	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	0.03	0.03	0.03	0.03	0.03
13	0.09	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.03	0.04	0.03	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
14	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.02	0.02	0.02	0.02	0.02	0.05	0.03	0.04	0.04	0.05	0.08	0.03	0.03	0.03	0.03	0.03	0.03
15	0.03	0.03	0.03	0.03	0.03	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.09	0.02	0.02	0.02	0.02	0.04	0.03	0.03	0.03	0.03	0.03
16	0.08	0.06	0.03	0.03	0.03	0.03	0.02	0.03	0.04	0.06	0.08	0.13	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.05	0.04	0.06	0.08	0.08
17	0.02	0.02	0.03	0.02	0.02	0.02	0.06	0.02	0.02	0.02	0.02	0.02	0.06	0.04	0.06	0.07	0.08	0.15	0.07	0.03	0.03	0.03	0.03	0.03
18	0.03	0.03	0.04	0.05	0.05	0.09	0.02	0.02	0.03	0.03	0.03	0.04	0.10	0.02	0.03	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.03	0.05
19	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.07	0.08	0.05	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.05	0.03	0.04	0.04	0.03	0.03
20	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04
21	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.03	0.05	0.03	0.05	0.07	0.08	0.04	0.05	0.04	0.07	0.06	0.06
22	0.06	0.06	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.11	0.08	0.03	0.02	0.02	0.02	0.06	0.06	0.05	0.03	0.03	0.03
23	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
24	0.03	0.03	0.03	0.03	0.03	0.03	0.06	0.06	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03
25	0.04	0.05	0.08	0.08	0.10	0.12	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.05	0.09	0.03	0.03	0.03	0.03	0.03	0.05
26	0.04	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.05	0.07
27	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	0.04	0.03	0.03	0.03	0.03
28	0.03	0.04	0.06	0.05	0.07	0.07	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.05	0.03	0.03	0.03	0.03	0.03	0.03
29	0.09	0.04	0.03	0.03	0.03	0.03	0.11	0.04	0.07	0.05	0.06	0.10	0.08	0.02	0.02	0.02	0.02	0.02	0.04	0.03	0.03	0.03	0.03	0.03
30	0.03	0.03	0.03	0.03	0.03	0.03	0.12	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05
31	0.03	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.05	0.05	0.03	0.03	0.03	0.03

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

Signed _____

Title Water Treatment Plant Supervisor _____

Op. Cert. No. _____



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: 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	0.14	0.42	Number of Samples Collected:					
2	0.12	0.42	31					
3	0.19	0.38	Was All Chlorine Dioxide Monitoring & Reporting Completed? Yes / No					
4	0.27	0.52	Yes / No					
5	0.17	0.57	Number of ClO ₂ samples exceeded the MRDL of 0.8 mg/L?					
6	0.07	0.57	0					
7	0.13	0.76	If a routine sample exceeds the MRDL, the system is required to take (3) three more samples the next day.					
8	0.11	0.61	<u>Chlorite Daily Monitoring (Summary Type: CLO2)</u>					
9	0.18	0.66	Number of Samples Required:					
10	0.14	0.66	Number of Samples Collected:					
11	0.12	0.52	31					
12	0.11	0.66	Was All Chlorite Monitoring & Reporting Completed? Yes / No					
13	0.12	0.66	Yes / No					
14	0.18	0.8	Number of Chlorite samples exceeded the MCL of 1.0 mg/L?					
15	0.17	0.9	If a routine sample exceeds the MCL, the system is required to take (3) three more samples the next day.					
16	0.15	0.6	* 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	0.14	0.76	<u>Routine Chlorite Monthly Monitoring in Distribution System</u>					
18	0.12	0.85	Sampling Location	Lab Sample ID	Sampling Point ID	Collection Date	Certified Lab ID	Chlorite (mg/L)
19	0.1	0.85	Near 1st Customer					
20	0.08	0.8	Avg. Residence Time					
21	0.11	0.85	Max. Residence Time					
22	0.07	0.8	Monitoring Period Average:					
23	0.13	0.47	Mark (X) if analytical results were reported electronically: _____					
24	0.12	0.47	- 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.					
25	0.39	0.52	- If more than one three-sample set was collected, attach additional copies of this form.					
26	0.2	0.52						
27	0.25	0.52						
28	0.17	0.42						
29	0.17	0.38						
30	0.08	0.28						
31	0.09	0.33						

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 January 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. Fixed heater in the new filter building
15. Cleaned screens on CLO2 generator as needed
16. Backwashed filters for construction company
17. Backwashed #2 filter and put into service after media had been replaced
18. Replaced heater fan motor in old filter building heater
19. Replaced ballast in light fixture in old filter building
20. Installed spare alum pump for backup purposes
21. Worked on #2 filter rewash valve
22. Replaced broken window panes in old filter building with fiberglass sheets
23. Hach came and did calibrations on turbidity meters
24. Did yearly fit tests
25. Had power blink and had to restart scada systems everywhere
26. Cleaned up around plant grounds
27. Did SCBA training at the fire department
28. Replaced light bulbs in buildings throughout the plant

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
- C. Change offsite scada to cellular



The City of Durant

Office of the Solid Waste Department

Memorandum

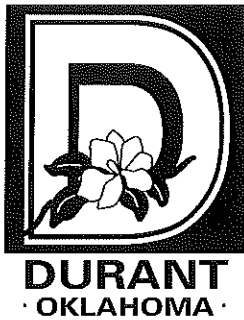
Date: 2/1/2016
To: Mayor and City Council
From: Albert Pierce and Zefe Laborico
Re: Solid Waste & Landfill January 2016 Reports January 2016 Monthly Report for
Solid Waste Collection and Solid Waste Disposal

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Solid Waste & Landfill January 2016 Monthly Reports	Cover Memo	2/2/2016



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS SCHEDULE *January 2016*

A. Work Completed:

1. Picked up & emptied 222 rollofs
2. Picked up & emptied 61 compactors
3. Delivered 10 rollofs to new customers
4. Delivered and picked up 12 Sharp containers

B. Work Planned For February:

1. Refurbish 2 yd. Dumpsters
2. Maintenance on poly carts

C. Work Planned For Jan. '15 – Dec. '15:

Approx. Start – Finish Date:

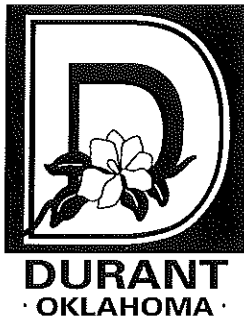
- | | |
|------------------|-------------------|
| 1. Pick up trash | 01/2016 – 12/2016 |
|------------------|-------------------|

D. Projects Planned And Requested For Authorization:

1. None.

E. PROBLEMS WE ARE WORKING ON:

Keeping our trucks able to operate.



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE *February 2016*

A. Work Completed:

1. Daily covering of site

B. Work Planned For March:

1. Covering C&D site
2. Hauling dirt from WTP

C. Work Planned For Jan. '16 – Dec. '16:

Approx. Start – Finish Date:

1. Haul trash to Ardmore 1-2016 thru 12-2016

D. Projects Planned And Requested For Authorization:

1. None.

**** TOTALS BY JOB CODE ****

JOB CODE	TOTAL COMPLETED	TOTAL OUTSTANDING	TOTAL NEW	TOTAL PENDING	TOTAL VOID
PCR - POLY CART REPAIR	15	3	0	0	0
ERRO - EMPTY/RETURN ROLLOFF	72	5	0	0	0
PCI - PLY CART INFORMATION	8	1	0	0	0
EXHAU - EXTRA HAULING	92	1	0	0	0
ROFF - DELIVER ROLL OFF	7	1	0	0	0
DPLY - DELIVER A POLY	10	1	0	0	1
TMIS - TRASH MISSED	35	2	0	0	0
SHARP - PICKUP/DELIVER SHARPS	5	0	0	0	0
EPLY - DELIVER AN EXTRA PLY	11	0	0	0	0
P/U P - PICK/UP POLY CART	11	1	0	0	0
ERCOM - EMPTY/RETURN COMPACTOR	12	1	0	0	0
R-RO - REMOVE THE ROLL OFF	10	2	0	0	0
DMP - DUMPSTER	8	1	0	0	0
TOTAL ALL CODES	296	19	0	0	1

	A	B	C	D	E	G
1	Compactors Picked Up & Delivered					
2						
3	<u>Location</u>	<u># Picked Up</u>	<u># Delivered</u>	<u>Delivery Date</u>	<u>Emptied</u>	<u>Account #</u>
4						
5	Big Lots (Distribution Center)	C16	C16		January 29, 2016	30-2003-00
6	Choctaw Casino	C23	C23		January 25, 2016	40-7777-00
7	Choctaw Casino	C24	C24		January 29, 2016	40-7777-00
8	Choctaw Casino	C3	C3		January 29, 2016	40-7777-00
9	Choctaw Grand Tower/Event Center	C25	C25	August 6/2015	January 21, 2016	40-0777-00
10	Choctaw Grand Tower/Event Center	C26	C26	August 6/2015	January 20, 2016	40-0777-00
11	Choctaw Grand tower/Event Center	C27	C27	September 3, 2015	January 29, 2016	40-0777-00
12	Choctaw Travel Plaza-Eastside	C12	C12		January 25, 2016	30-0758-00
13	DMC /MOB (pickup first Thursday)	C8	C8		January 7, 2016	29-0076-02
14	Durant High School	C2	C2		January 27, 2016	18-1950-01
15	Eagle Suspension	C10	C10	July 7, 2006	January 14, 2016	30-0591-02
16	ETS Test Systems (1016 Waldron Dr.)	C6	C6		January 27, 2016	30-0825-00
17	Gamco	C5	C5		January 19, 2016	30-0828-00
18	Icon	C20	C20		January 28, 2016	30-2917-01
19	Indian Nation Wholesale	C13	C13		January 25, 2016	50-0230-00
20	Lowe's	C11	C11	November 11, 2005	January 26, 2016	40-0720-00
21	McDonald's	C15	C15		January 7, 2016	30-0172-01
22	Alliance Health Durant	C7	C7		January 28, 2016	29-0074-00
23	Rhynes & Rhodes	C21	final		January 8, 2016	60-3710-00
24	Salita's Restaurant	C17	C17	March 14, 2008	December 16, 2015	21-0317-00
25	SOSU (New student Union)	C14	C14	September 1, 2006	January 21, 2016	40-0240-00
26	Sports City Café	C22	C22		December 11, 2015	30-5067-01
27	Wal-Mart	C18	C18		January 26, 2016	40-3712-01

Rolloffs Picked Up & Delivered

<u>Location</u>	<u># Picked Up</u>	<u># Delivered</u>	<u>Delivery Date</u>	<u>Emptied</u>	<u>Account #</u>	<u>Charges</u>
Aaron's Rent to Own (405 Westside Dr.)	45	57	May 14, 2013	January 25, 2016	30-0018-02	
Alliance Health cardboard	131	131		January 28, 2016		
Allied Stone (21st & Arkansas)	137	141	May 16, 2005	January 27, 2016	30-0130-01	
Allied Stone (21st & Arkansas)	96	9	January 14, 2013	January 25, 2016	30-0130-01	
Best Fender (301 S 22nd)	20	17	November 2, 2007	January 25, 2016	30-0404-03	
Big Five (217 N. 16th)	2	75		December 8, 2015	12-0650-06	
Big Lots (Distribution Center)	413	416	December 3, 2015	January 27, 2016	30-2003-00	
Big Lots (Distribution Center)	406	final	July 30, 2014	November 20, 2015	30-2003-00	
Bruce Pac	408	421		January 28, 2016	50-0155-01	
Carl's Jr.	49	89		January 26, 2016	21-0310-00	
Choctaw (Sweeper)	68	68	October 2, 2014	December 1, 2015	50-0757-00	
Choctaw (Bull Barn)	127	59	January 20, 2012	January 25, 2016	30-3000-00	
Choctaw Bus Repair (Armstrong)	30	43	December 15, 2009	December 14, 2015	18-0214-02	
Choctaw Casino (Filter)	406	413	August 5, 2014	January 27, 2016	40-7777-00	
Choctaw Childhood Development Center	69	87		January 19, 2016	50-2752-03	
Choctaw Event Center	109	109	December 3, 2015	January 29, 2016	30-2312-00	
Choctaw Event Center		16	January 21, 2016		30-2312-00	
Choctaw Inn	65	65		January 29, 2016	50-0725-00	
Choctaw Nation Headquarters	111	33		January 21, 2016	24-0195-00	
Choctaw Recycling 3108 Enterprise	102	77	June 29, 2011	January 28, 2016		
Choctaw Storage on Enterprise/REI	88	30	December 30, 2010	December 21, 2015	30-2912-02	
Choctaw Travel Plaza-Westside	123	123		January 29, 2016	30-0761-00	
Choctaw Travel Plaza-Westside#2	25	final	October 1, 2015	December 22, 2015	30-0761-00	
Communicom	44	12		January 22, 2016	07-0671-00	
Dish Network	9	20	January 11, 2013	January 25, 2016	40-0233-00	
DMSC (City Sports Complex)	46	20	May 6, 2008	June 24, 2014		
DUMPSTERS-R-US (918-306-0520) mike	40	final	November 4, 2015	January 29, 2016	50-1500-01	
Durant Daily Democrat (924-4388)	136	136	October 1, 2015	January 20, 2016	13-0230-01	
Dollar Tree	81	45	February 7, 2008	January 25, 2016	30-0107-00	
Durant Motor Sports (201 Shady Creek)	111	45		January 5, 2016	50-0201-00	
Durant Lumber (205 S. 2nd)	120	final	September 1, 2015	January 6, 2016	08-0130-03	

Eagle suspension		419	425		November 6, 2015	30-0591-02
ETS Test Systems (1016 Waldron Dr.)		120	120		January 27, 2016	30-0825-00
ETS Test Systems (1016 Waldron Dr.)		75	106		December 11, 2015	30-0825-00
ETS Test Systems (1016 Waldron Dr.)		426	422		January 15, 2016	30-0825-00
Fannin Hardy Farms (428 Clark Ave.)		3	25		January 20, 2016	12-0200-02
First United		147	147		January 26, 2016	21-0296-00
Four Seasons		151	151		January 28, 2016	29-0805-00
GAMCO			23		January 14, 2016	30-0828-00
Green Country Interiors Inc.		415	final		December 3, 2015	50-4418-03
Green Country Interiors Inc.(20 sandstone rd.)		421	final		January 28, 2016	50-0873-00
hands of hope		66	66		January 29, 2016	
Herron's Carpet		25	25		January 22, 2016	29-0044-00
Icon		139	142		January 28, 2016	30-2917-01
Jalapeno's		83	83		January 27, 2016	12-0615-05
Kiamichi (Fire Training Center)		59	58		November 10, 2015	
Legacy Floors (608 S. 9th)		108	108		November 17, 2015	06-0263-00
Lewis Insulation		10	46		January 22, 2016	60-0006-00
Locke Supply		91	97		January 15, 2016	19-0815-01
Manhattan const. (Laydown yard 1)		307	307		January 14, 2016	30-3313-00
Manhattan Const. (Laydown yard 1)		304	final		January 4, 2016	30-3313-00
Manhattan Const.(office)		3	10		January 29, 2016	30-3313-00
Manhattan const.pool		308	301		January 26, 2016	30-3313-00
Manhattan Const. (Southern Expan.)		307	308		January 26, 2016	30-3313-00
MayFab		420	415		January 25, 2016	30-0774-00
National Guard Armory		415	411		September 24, 2015	30-0785-00
Northlake Mobile Home (1900 HWY 48)		15	114		January 27, 2016	40-1900-00
Oakridge		150	150		January 28, 2016	19-0440-00
OG&E (2520 N. 1st)		416	425		December 10, 2015	17-0901-00
Orscheln's (Old Wal-Mart)		8	8		December 21, 2015	30-0362-01
Overland Materials (868 Country Club)		406	425		June 25, 2015	50-0868-01
Pettit Machinery		408	403		January 20, 2016	17-0820-01
Pizza Hut		89	81		January 26, 2016	20-0119-00
PRC/ALORICA (1012 Radio Road)		36	68		January 15, 2016	50-0271-00
PRC/ALORICA (1012 Radio Road)		12	final		January 15, 2016	50-0271-00
RHYNES & RHODES			88			60-3710-00
Red River Ford		130	132		January 5, 2016	30-0353-01
Reeves Const. (3008 University)			75		January 29, 2016	29-0233-00

S & L Body Shop	123	147	November 19, 2003	January 13, 2016	18-0904-00
Sonic	149	149		January 25, 2016	13-0595-00
SOSU	149	final	December 9, 2015	December 14, 2015	40-0240-00
SOSU	89	final	December 9, 2015	December 14, 2015	40-0240-00
SOSU (Towers)	11	11		January 25, 2016	40-0240-00
SOSU (Physical Plant 2906 N. 1st)	142	44		January 25, 2016	40-0240-00
SOSU - Northhall	130	50	May 2, 2014	January 29, 2016	40-0240-00
Sosu-bloomer sullivan	5	5	September 11, 2015	January 20, 2016	40-0240-00
SOSU Equest. Center (4321 S 9th)	98	98	August 19, 2013	January 15, 2016	30-0756-00
Taco Casa	129	129		January 27, 2016	12-0355-00
Terri Holder 920-5890 (4209 w. hwy 70)	120	127	November 13, 2015	January 26, 2016	60-0062-01
Taco Mayo	50	126	April 7, 2014	January 28, 2016	30-1420-00
Texoma Truss	27	18	January 22, 2016	January 29, 2016	50-3805-00
Texoma Truss (Waldron Dr.)	144	27	August 26, 2014	January 29, 2016	50-0092-01
Texas By Products (2525 s 9th)		63	January 20, 2016		30-0730-00
Texoma Utility (3527 N Washington)	404	410	February 13, 2014	January 6, 2016	60-3527-00
The Tile Shop (1800 W Arkansas)	59	96	April 10, 2013	January 25, 2016	07-0875-05
The Tile Shop (1800 W Arkansas)	27	111		January 21, 2016	07-0875-05
The Womble Company (101w Main)		421	November 16, 2015		50-2201-00
Thermal Pipe	112	101	June 4, 2015	January 27, 2016	18-1010-00
Tractor Supply	18	final	December 21, 2015	December 22, 2015	19-0818-00
TODD Allison (5053 MALLARD DR.)		4	January 5, 2016		
Todd Allison (43 W Mulberry)	403	final	October 21, 2015	January 4, 2016	50-0595-00
Victory Life	53	34	June 4, 2010	January 29, 2016	33-0012-00
Victory Life	106	final		January 14, 2016	50-1900-00
Veronica Santibaznez (435 S 9th)	425	423	November 18, 2015	December 2, 2015	50-1174-00
Villegas (510 S 9th) Veronica Santibaznez	37	37	October 19, 2011	January 20, 2016	06-0217-02
Waffle Shoppe	110	110	April 24, 2009	January 26, 2016	30-0185-00
Wendy's (2420 W. Main)	70	70	August 24, 2011	January 26, 2016	40-2420-00
Whataburger	122	122	April 29, 2014	January 26, 2016	30-3505-03
3316 N. Washington (SOSU)	425	425	January 21, 2015	December 10, 2015	40-0240-00
1915 E Highway 70 (Brucepac)	408	421	May 8, 2015	July 31, 2015	50-0155-01
2121 W Main (Magnolia Inn)	407	407	June 9, 2015	October 6, 2015	30-0100-02
2760 Big Lots (Robins & Morton)615-504-1033	wi	final	August 4, 2015	January 29, 2016	50-2760-00
2760 Big lots (Robins & Morton)		426	January 26, 2016		50-2760-00
2760 Big Lots (Robins & Morton)	404	404	August 4, 2015	January 25, 2016	50-2760-00
1804 W Evergreen (Daniel Sherwood)	113	113	August 7, 2015	October 21, 2015	50-1804-00

3514 Lionel In (David Davis) Extreme landing	141	14	August 12, 2015	January 27, 2016	50-4414-00
2718 Chuckwa dr. (Isabel Cano)	300	final	October 23, 2015	January 27, 2016	29-0340-02
7506 Perfic Circle (David Davis) # 760-2672	146	62	October 7, 2015	December 7, 2015	50-7506-00
1124 University (Bob Butland)	143	final	December 14, 2015	January 12, 2016	19-0747-01
410 N 6TH (KENNETH NUBINE)TEC-AN INC.	53	53	January 4, 2016	January 15, 2016	50-0410-00
1419 REMINGTON W.C.R (Jerry Lim)		146	January 6, 2016		60-1419-01
7601 PERFIC DR (.DAVID DAVIS JR)		19	January 7, 2016		50-7601-01
1027 W MAIN BELL CONSULTING INC		417	January 12, 2016		50-0885-01
Choctaw Nation Of Oklahoma (3701 Bus69/75)	301	final	December 8, 2015	January 22, 2016	50-0574-00

Date 02/01/16
Time 05:34:47

Durant Utility Authority, OK

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Material Analysis Report by Material

Inbound and outbound materials for the period 01/01/2016 - 01/31/2016

Accounts 0 - 999999 Customer Types - Z Materials Summary Report for Sites: 1, 3 - ZZZZZZZZZZ Material Types - Z

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
	30	Total			1	1	30	0	0.00	0.00	624.80
		Average				1	30	0	0.00	0.00	624.80
100		Total			71	71	0	0	0.00	0.00	14,796.40
		Average				1	0	0	0.00	0.00	208.40
103		Total			29	29	515	0	0.00	0.00	19,854.85
		Average				1	18	0	0.00	0.00	684.65
104		Total			1	1	0	0	0.00	0.00	456.50
		Average				1	0	0	0.00	0.00	456.50
200		Total			28	28	0	0	0.00	0.00	11,663.40
		Average				1	0	0	0.00	0.00	416.55
202		Total			1	1	0	0	0.00	0.00	0.00
		Average				1	0	0	0.00	0.00	0.00
220		Total			3	3	0	0	0.00	0.00	921.15
		Average				1	0	0	0.00	0.00	307.05
230		Total			8	8	0	0	0.00	0.00	3,680.00
		Average				1	0	0	0.00	0.00	460.00
300		Total			6	6	0	0	0.00	0.00	5,477.40
		Average				1	0	0	0.00	0.00	912.90
302		Total			5	5	0	0	0.00	0.00	4,564.50
		Average				1	0	0	0.00	0.00	912.90
375		Total			26	26	0	0	0.00	0.00	19,385.60
		Average				1	0	0	0.00	0.00	745.60
6		Total			4	0	0	0	12.62	12.62	192.20
		Average				0	0	0	3.16	3.16	48.05
APPL FREON		Total			2	2	0	0	0.00	0.00	62.90
		Average				1	0	0	0.00	0.00	31.45
APPLIANCE		Total			3	3	0	0	0.00	0.00	47.25
		Average				1	0	0	0.00	0.00	15.75

Date 02/01/16
Time 05:34:47

Durant Utility Authority, OK

Page 2

Material Analysis Report by Material

Inbound and outbound materials for the period 01/01/2016 - 01/31/2016

Summary Report for Sites: 1, 3
Accounts 0 - 999999 Customer Types - Z Materials - ZZZZZZZZZZ Material Types - Z

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
	DMSW			Total Average	232	208 1	826020 3560	0 0	413.01 1.78	413.01 1.78	30,511.47 131.51
	DMSW-FLAT			Total Average	6	6 1	2400 400	0 0	0.00 0.00	0.00 0.00	3,110.40 518.40
	DMSW-M			Total Average	338	0 0	2461780 7283	0 0	1230.89 3.64	1230.89 3.64	0.00 0.00
	IMPOUND			Total Average	3	4 1	0 0	0 0	0.00 0.00	0.00 0.00	40.00 13.33
	IMPOUND DA			Total Average	2	3 2	0 0	0 0	0.00 0.00	0.00 0.00	21.00 10.50
	STERILE DE			Total Average	2	2 1	0 0	0 0	0.00 0.00	0.00 0.00	70.00 35.00
	TCD			Total Average	449	21 0	0 0	0 0	356.36 0.79	356.36 0.79	15,305.87 34.09
	TCD-M			Total Average	203	0 0	0 0	0 0	394.43 1.94	394.43 1.94	0.00 0.00
	TIRES CAR			Total Average	4	7 2	0 0	0 0	0.00 0.00	0.00 0.00	27.30 6.83
	Report Total				1427	435 0	3290745 2306	0 0	2407.31 1.69	2407.31 1.69	130,812.99 91.67

Date 02/01/16
Time 05:34:12

Durant Utility Authority, OK

Page 1

Material Analysis Report by Date

Inbound and outbound materials for the period 01/01/2016 - 01/31/2016

Accounts 0 - 999999 Customer Types - Z Materials Summary Report for Sites: 1, 3 - ZZZZZZZZZZ Material Types C - D

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
01/04/16		Total			21	2	0	0	32.25	32.25	908.05
		Average				0	0	0	1.54	1.54	43.24
01/05/16		Total			31	2	0	0	45.32	45.32	1,996.78
		Average				0	0	0	1.46	1.46	64.41
01/06/16		Total			50	8	0	0	54.37	54.37	3,888.75
		Average				0	0	0	1.09	1.09	77.78
01/07/16		Total			14	0	0	0	17.38	17.38	113.05
		Average				0	0	0	1.24	1.24	8.08
01/08/16		Total			20	0	0	0	11.24	11.24	267.63
		Average				0	0	0	0.56	0.56	13.38
01/09/16		Total			8	0	0	0	2.90	2.90	151.74
		Average				0	0	0	0.36	0.36	18.97
01/11/16		Total			10	1	0	0	5.84	5.84	937.19
		Average				0	0	0	0.58	0.58	93.72
01/12/16		Total			22	0	0	0	24.65	24.65	266.50
		Average				0	0	0	1.12	1.12	12.11
01/13/16		Total			49	4	0	0	43.98	43.98	2,872.21
		Average				0	0	0	0.90	0.90	58.62
01/14/16		Total			28	1	0	0	44.35	44.35	1,414.52
		Average				0	0	0	1.58	1.58	50.52
01/15/16		Total			41	5	0	0	41.03	41.03	4,165.43
		Average				0	0	0	1.00	1.00	101.60
01/19/16		Total			42	2	0	0	37.28	37.28	1,918.15
		Average				0	0	0	0.89	0.89	45.67
01/20/16		Total			44	8	0	0	66.51	66.51	4,382.51
		Average				0	0	0	1.51	1.51	99.60
01/21/16		Total			27	1	0	0	53.97	53.97	405.25
		Average				0	0	0	2.00	2.00	15.01

Date 02/01/16
Time 05:34:12

Durant Utility Authority, OK

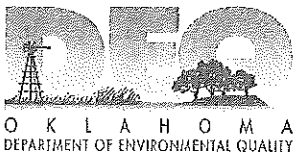
Page 2

Material Analysis Report by Date

Inbound and outbound materials for the period 01/01/2016 - 01/31/2016

Summary Report for Sites: 1, 3
Accounts 0 - 999999 Customer Types - Z Materials - ZZZZZZZZZZ Material Types C - D

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
01/22/16		Total			24	0	0	0	27.04	27.04	531.96
		Average				0	0	0	1.13	1.13	22.17
01/23/16		Total			28	0	0	0	12.64	12.64	596.97
		Average				0	0	0	0.45	0.45	21.32
01/25/16		Total			31	2	0	0	33.32	33.32	2,043.23
		Average				0	0	0	1.07	1.07	65.91
01/26/16		Total			24	2	0	0	30.03	30.03	719.56
		Average				0	0	0	1.25	1.25	29.98
01/27/16		Total			42	2	0	0	47.71	47.71	2,274.14
		Average				0	0	0	1.14	1.14	54.15
01/28/16		Total			47	7	0	0	58.60	58.60	2,959.49
		Average				0	0	0	1.25	1.25	62.97
01/29/16		Total			45	0	0	0	48.54	48.54	1,294.65
		Average				0	0	0	1.08	1.08	28.77
01/30/16		Total			30	0	0	0	11.84	11.84	583.71
		Average				0	0	0	0.39	0.39	19.46
		Report Total			678	47	0	0	750.79	750.79	34,691.47
		Report Average				0	0	0	1.11	1.11	51.17



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: JANUARY 2016

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: 22

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	0									
2	0									
3	0									
4	32.25									
5	45.32									
6	54.37									
7	17.38									
8	11.24									
9	2.9									
10	0									
11	5.84									
12	24.65									
13	43.98									
14	44.35									
15	41.03									
16	0									
17	0									
18	0									
19	37.28									
20	66.51									
21	53.97									
22	27.04									
23	12.64									
24	0									
25	33.32									
26	30.03									
27	47.71									
28	58.6									
29	48.54									
30	11.84									
31	0									
Total	750.79	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: [Signature]

Phone #: 580-924-8358

Date: 2-1-16