

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**

February 14, 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 of January 10, 2017

2. Consider Items Removed from Consent

3. Information Items

- a. Landfill Information & Reports - January 2017
- b. Solid Waste Collection Report - January 2017
- c. Waste Water Treatment Plant - January 2017
- d. Waste Water Treatment Plant Lab Report - January 2017
- e. Water Treatment Plant Operation Reports - January 2017
- f. Utility Office Monthly Report - January 2017

4. Administration

- a. Consider Request for Authorization to Purchase 30 Yard Compactor for Placement at Southeastern Oklahoma State University (RFAP #

2017-021)

- b. Consider Approval of Request for Authorization to Purchase for Landfill Feasibility Engineering Study (RFAP # 2017-024)

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 _____ on the 10th day of February, 2017.

Cynthia J. Price, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 1/24/2017
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of January 10, 2017

Council Information / Action Requested

Approve Regular Meeting Minutes of January 10, 2017

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

ATTACHMENTS:

Description	Type	Upload Date
DCUA Minutes 1.10.2017	Exhibit	1/24/2017

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 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.

MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY UTILITIES AUTHORITY OF January 10, 2017 AT 6:00 PM, Roscoe J. Hatfield Council Chambers, 300 West Evergreen, Durant, Oklahoma

CALL TO ORDER

Chairman Hoffman called the meeting to order at 7:04 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	
Chairman Stewart Hoffman	(*denotes partial attendance)

Absent: None

Chairman 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 Regular Meeting Minutes for December 13, 2016

Approved

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

Ayes: Hawthorne, Hitchcock, Hoffman, Orr, Tomlinson

2. Consideration 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

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

Ayes: Hawthorne, Hitchcock, Hoffman, Orr, Tomlinson



The City of Durant

Solid Waste Landfill

Memorandum

Date: 1/30/2017
To: Utilities Authority
From: Zefe Laborico, Supervisor, Solid Waste Landfill
Re: Landfill Information & Reports - January 2017

This report will also be presented during the Information Section of the Durant City Council Meeting on February 14, 2017.

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
January 2017 DEQ Reports	Cover Memo	2/2/2017
Jan 2017 Project schedule	Cover Memo	2/6/2017
Multi Use Bldg Progress	Cover Memo	2/6/2017
Multi Use Bldg Progress	Cover Memo	2/6/2017
Multi Use Bldg Progress	Cover Memo	2/6/2017
Wep Training 2017	Cover Memo	2/6/2017
Wep Training 2017 Certificate Zefe	Cover Memo	2/6/2017
Wep Training 2017 Certificate Kenry	Cover Memo	2/6/2017
Wep Training 2017 Certificate John	Cover Memo	2/6/2017
new transfer trailer picture 1	Cover Memo	2/6/2017
New transfer trailer 2	Cover Memo	2/6/2017
New transfer trailer 3	Cover Memo	2/6/2017



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 2017

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: 24

COMPLETE SECTIONS 5-10 ONLY IF SCALES GO DOWN

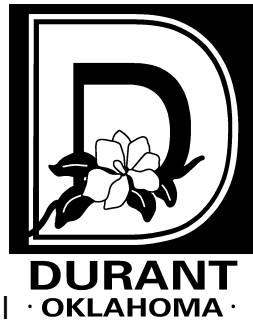
D A Y	(1) Total weight accepted (tons)	(2) Weight which is reused or recycled in accordance with facility permit (tons)	(3) Weight accepted from a DEQ approved emergency or special event (tons)	(4) Weight accepted from large industrial waste generators with DEQ exemption certificate (tons)	(5) Time scales 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	21.79									
4	94.13									
5	97.02									
6	15.06									
7	0.82									
8	0									
9	69.27									
10	92.83									
11	106.82									
12	59.04									
13	36.01									
14	1.47									
15	0									
16	0									
17	22.45									
18	5.72									
19	38.93									
20	20.56									
21	2.24									
22	0									
23	61.78									
24	69.07									
25	91.14									
26	79.62									
27	49.04									
28	28.31									
29	0									
30	72.64									
31	83.32									
Total	1219.08	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: _____



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***February 2017***

A. Work Completed for January:

1. Covered C & D Site
2. Hauled MSW To SORD
3. Worked on Multi-use building
4. Attended WEP Training 2017

B. Work Planned For February:

1. Continue Covering C&D site
2. Have new C&D cell 10C inspected and approved
3. Haul MSW To SORD
4. Continue 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.







Waste Exclusion Training 2017

Wednesday, January 25, 2017

8:00 am to 9:00 am	Registration/Breakfast
9:00 am to 9:15 am	Introduction to Waste Exclusion Plans Kasie Stambaugh, Oklahoma Department of Environmental Quality
9:15 am to 10:00 am	Detection and Prevention of Radioactive Contamination in Solid Waste Facilities Libby McCaskill and Kevin Sampson, Oklahoma Department of Environmental Quality
10:00 am to 10:15 am	Break
10:15 am to 10:45 am	Hot Loads/Random Inspections Pete Schultze, Waste Management
10:45 am to 11:00 am	What's New with the Tire Program Kole Kennedy, Oklahoma Department of Environmental Quality
11:00 am to 11:15 am	Break
11:15 am to 11:30 am	Hazardous Waste Determination John King, Oklahoma Department of Environmental Quality
11:30 am to 11:45 am	Asbestos Management Rachel Hanigan, Oklahoma Department of Environmental Quality
11:45 am to 12:00 pm	Regulated Medical Waste Cindy Hailes, Oklahoma Department of Environmental Quality
12:00 pm to 1:00 pm	Lunch
1:00 pm to 2:00 pm	Panel Discussion on Random Load Inspections Todd Green, American Environmental Landfill Inc.; Steven Clark, Waste Connections; Karl Evans and Ronda Spring, Republic Services

CERTIFICATE OF TRAINING

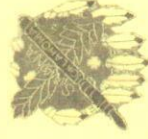
This certificate is awarded to

Zeke Salinas

In recognition of successful completion of 4 hours of Waste Exclusion Training
conducted on the date noted hereunder in compliance with OAC 252:515-29-3(c)
and presented by the Oklahoma Department of Environmental Quality in
partnership with the Oklahoma Indian Nations Chapter of SWANA



[Signature]
For ODEQ/SWANA



January 25, 2017

Date

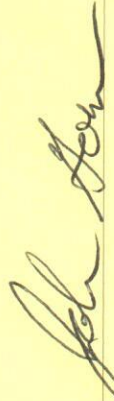
CERTIFICATE OF TRAINING

This certificate is awarded to

KENNY COOPER

In recognition of successful completion of 4 hours of Waste Exclusion Training conducted on the date noted hereunder in compliance with OAC 252:515-29-3(c) and presented by the Oklahoma Department of Environmental Quality in partnership with the Oklahoma Indian Nations Chapter of SWANA




For ODEQ/SWANA



January 25, 2017

Date

CERTIFICATE OF TRAINING

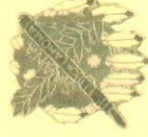
This certificate is awarded to

John Gibson

In recognition of successful completion of 4 hours of Waste Exclusion Training conducted on the date noted hereunder in compliance with OAC 252:515-29-3(c) and presented by the Oklahoma Department of Environmental Quality in partnership with the Oklahoma Indian Nations Chapter of SWANA



John Gibson
For ODEQ/SWANA



January 25, 2017

Date









The City of Durant

Office of the Solid Waste Department

Memorandum

Date:

To: Utilities Authority

From: Albert Pierce, Superintendent, Solid Waste
Department

Re: Solid Waste Collection Report - January 2017

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
S.W.Collection monthly report	Cover Memo	2/1/2017



THE CITY OF DURANT

Office of the Solid Waste Superintendent

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

A. Work Completed:

1. Picked up & emptied 262 roll-offs
2. Picked up & emptied 67 compactors
3. Delivered 7 roll-offs to new customers
4. Delivered and picked up 15 Sharp containers
5. Picked up 59.27 tons of extra hauling
6. Hauled 48 loads of extra hauling to the landfill
7. Hauled 8 loads of recycling
8. Hauled 6.65 ton of recycling

B. Work Planned For February

1. Refurbish. Dumpsters

C. Work Planned For Jan. '1-17 – Dec. 31-17

1. Pick up trash

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Office of the Wastewater Treatment Plant

Memorandum

Date: 2/2/2017
To: Utilities Authority
From: Terry Condor, Superintendent, Waste Water Treatment Plant
Re: Waste Water Treatment Plant - January 2017

This report will also be presented during the Information Section of the Durant City Council Meeting on February 14, 2017.

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
WWTP January 2017	Cover Memo	2/2/2017



The City of Durant

Office of the Wastewater Treatment Plant

PROJECTS SCHEDULE

A: WORK COMPLETED IN JANUARY 2017

- 1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (on going)
- 2: CLEAN CLARIFIER WEIRS 1-23-17
- 3: CLEAN BLEND TANK MIXER 1-27-17
- 4: CLEAN EFFLUENT PUMP STATION ----
- 5: CLEAN RAW WATER PUMP STATION ----
- 6: CLEAN SCUM PUMP STATION 1-26-17, 2-1-17
- 7: CLEAN DRAIN LIFT STATION 1-27-17
- 8: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER 1-24-17
- 9: CALIBRATE DISCHARGE DO & PH METER 1-26-17
- 10: CHECK CALIBRATION OF DISCHARGE FLOW METER 1-11-17
- 11: RESET SBR PLC 1-31-17
- 12: WASH DOWN STEP SCREEN 1-24-17
- 13: CLEAN UV TROUGHS AND FLUME 1-19-17
- 14: CHECK ELECTRIC MANHOLES 1-31-17
- 15: CLEAN OUT BUILDINGS 1-31-17
- 16: MANUALLY CHECK U.V. BULBS
- 17: WASH DOWN CASINO STEPSCREEN 1-23-17
- 18: CHECK ALL AUTOMATIC VALVES 1-23-17
- 19: VEHICLE INSPECTION 1-31-17
- 20: WALK-THRU INSPECTION 1-23-17
- 21: CLEAN ALL PLC's 1-31-17
- 22: CLEAN D.O. METERS AS NEEDED 1-17-31
- 23: CHECK CLARIFIER OIL WEEKLY 1-23-17
- 24: CLEANED OUT SCUM PUMP STATION W/176
- 25: REPLACED BEARINGS IN GEARBOX OF HEADWORKS GRIT PADDLE 2-1-17
- 26: INSTALLED VFD DRIVES IN RAW WATER PUMP #1 AND #4 EFFLUENT PUMP
- 27: ESTIMATING EXPANSION COST ON PLANT DUE TO CHOCTAW OVERLOADING

TREATED 52,316 MG OF WASTEWATER
PROCESSED 999,196 KG OF TREATED SLUDGE

B: WORK PLANNED FOR

- 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: WASH DOWN STEP SCREEN
- 12: CLEAN UV TROUGHS AND FLUME
- 13: CHECK ELECTRIC MANHOLES
- 14: CLEAN OUT BUILDINGS
- 15: MANUALLY CHECK U.V. BULBS
- 16: WASH DOWN CASINO STEPSCREEN
- 17: CHECK ALL AUTOMATIC VALVES
- 18: VEHICLE INSPECTION
- 19: WALK-THRU INSPECTION
- 20: CLEAN ALL PLC's
- 21: CLEAN D.O. METERS
- 22: CHECK CLARIFIER OIL WEEKLY



The City of Durant

Office of the Wastewater Treatment Plant

Memorandum

Date: 2/2/2017
To: Utilities Authority
From: Waste Water Treatment Plant Lab
Re: Waste Water Treatment Plant Lab Report - January 2017

This report will also be presented during the Information Section of the Durant City Council Meeting on February 14, 2017.

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
WWTP Lab	Cover Memo	2/2/2017



THE CITY OF DURANT

Office of the Wastewater Treatment Plant

Lab Report

Lab Tests Processed

<u>100</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: 1/4/17

BOD INFLUENT (RAW) - 185 mg/L
TSS INF. (RAW) - 160 mg/L
AMMONIA NITROGEN INF. (RAW) - 45.0 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: 1/11/17

BOD INFLUENT (RAW) - 86 mg/L
TSS INF. (RAW) - 80 mg/L
AMMONIA NITROGEN INF. (RAW) - 54.8 mg/L
CBOD EFFLUENT (FINISH) - 2.0 mg/L
TSS EFF. (FINISH) - 6.4 mg/L
AMMONIA NITROGEN EFF. (FINISH) - 0.3 mg/L
FECAL COLIFORM EFF. (FINISH) - 0 & 0 CFU/100ml (May 1st – Sept. 30th)

Date Tested: 1/18/17

BOD INFLUENT (RAW) - 85 mg/L
TSS INF. (RAW) - 96 mg/L
AMMONIA NITROGEN INF. (RAW) - 31.2 mg/L
CBOD EFFLUENT (FINISH) - 2.0 mg/L
TSS EFF. (FINISH) - 6.7 mg/L
AMMONIA NITROGEN EFF. (FINISH) - 0.7 mg/L
FECAL COLIFORM EFF. (FINISH) - 0 & 0 CFU/100ml (May 1st – Sept. 30th)

Date Tested: 1/25/17

BOD INFLUENT (RAW) - 88.1 mg/L
TSS INF. (RAW) - 84 mg/L
AMMONIA NITROGEN INF. (RAW) - 42.6 mg/L
CBOD EFFLUENT (FINISH) - 2.8 mg/L
TSS EFF. (FINISH) - 2.5 mg/L
AMMONIA NITROGEN EFF. (FINISH) - 0.2 mg/L
FECAL COLIFORM EFF. (FINISH) - 0 & 0 CFU/100ml (May 1st – Sept. 30th)



The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 2/5/2017
To: Utilities Authority
From: Phillip Hightower, Supervisor, Water Treatment Plant
Re: Water Treatment Plant Operation Reports - January 2017

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
January Fluoride Report	Cover Memo	2/5/2017
January Chlorite and CLO2 Report	Cover Memo	2/5/2017
January Operation Report	Cover Memo	2/5/2017
January Operation Report	Cover Memo	2/5/2017
January Maintance Report	Cover Memo	2/5/2017

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

PWSID 1010601 SYSTEM Durant Ok (SW) MONTH January
Type of Material Applied* Sodium Silicofluoride Year 2017

Date	Water Treated (1000s of Gallons)	Applied		Residual Fluoride (F), ppm			
		lbs.	PPM of F	Raw		Distribution	
				(1)	(2)	(1)	(2)
1	3788	18	0.34	0.27	0.38	0.59	0.62
2	3631	0	0.00	0.08	0.38	0.67	0.47
3	3620	0	0.00	0.37	0.18	0.00	0.12
4	3619	0	0.00	0.00	0.25	0.00	0.00
5	3674	0	0.00	0.17	0.13	0.19	0.34
6	4298	0	0.00	0.00	0.01	0.36	0.13
7	4120	0	0.00	0.16	0.29	0.24	0.19
8	4440	0	0.00	0.06	0.33	0.07	0.10
9	4401	27	0.43	0.43	0.15	0.10	0.16
10	4403	45	0.64	0.18	0.40	0.56	0.90
11	4257	38	0.64	0.11	0.32	0.62	0.65
12	4066	41	0.72	0.04	0.25	0.50	0.42
13	4029	40	0.70	0.34	0.29	0.71	0.64
14	3774	42	0.79	0.32	0.53	0.94	0.80
15	3442	41	0.84	0.00	0.38	0.52	0.69
16	3392	37	0.77	0.00	0.07	0.71	0.76
17	3503	40	0.81	0.00	0.31	0.92	0.75
18	3809	45	0.84	0.00	0.00	0.71	0.64
19	3809	39	0.73	0.02	0.00	0.49	0.53
20	3702	36	0.69	0.27	0.23	0.90	0.61
21	3212	41	0.91	0.06	0.36	0.46	0.67
22	3243	38	0.84	0.06	0.00	0.93	0.73
23	3561	42	0.84	0.19	0.00	0.81	0.71
24	3644	38	0.74	0.04	0.15	0.47	0.85
25	4039	42	0.74	0.08	0.13	0.58	0.78
26	3915	37	0.67	0.01	0.20	0.10	0.67
27	3552	43	0.86	0.25	0.47	0.70	0.71
28	3480	51	1.04	0.18	0.00	0.86	0.55
29	3592	35	0.69	0.43	0.08	0.91	0.92
30	3625	37	0.73	0.28	0.00	0.97	0.62
31	3626	47	0.93	0.23	0.30	0.83	0.90
Total	117266	888	17.93	5.25	6.57	16.72	18.5
Average	3783	28.65	0.58	0.17	0.21	0.54	0.60

* 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 _____



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: JAN Year: 2017

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	0.1	0.42	Number of Samples Collected:					
2	0.07	0.57	31					
3	0.08	0.42	Was All Chlorine Dioxide Monitoring & Reporting Completed? Yes / No					
4	0.09	0.62	Yes / No					
5	0.11	0.42	Number of ClO ₂ samples exceeded the MRDL of 0.8 mg/L?					
6	0.14	0.47	0					
7	0.1	0.47	If a routine sample exceeds the MRDL, the system is required to take (3) three more samples the next day.					
8	0.16	0.52	<u>Chlorite Daily Monitoring (Summary Type: CLO2)</u>					
9	0.15	0.76	Number of Samples Required:					
10	0.17	0.71	Number of Samples Collected:					
11	0.13	0.71	31					
12	0.19	0.66	Was All Chlorite Monitoring & Reporting Completed? Yes / No					
13	0.1	0.57	Yes / No					
14	0.12	0.71	Number of Chlorite samples exceeded the MCL of 1.0 mg/L?					
15	0.1	0.71	If a routine sample exceeds the MCL, the system is required to take (3) three more samples the next day.					
16	0.14	0.9	* 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	0.13	0.66	<u>Routine Chlorite Monthly Monitoring in Distribution System</u>					
18	0.13	0.71	Sampling Location	Lab Sample ID	Sampling Point ID	Collection Date	Certified Lab ID	Chlorite (mg/L)
19	0.16	0.66	Near 1st Customer					
20	0.11	0.52	Avg. Residence Time					
21	0.08	0.47	Max. Residence Time					
22	0.11	0.52	Monitoring Period Average:					
23	0.13	0.47	Mark (X) if analytical results were reported electronically: _____					
24	0.09	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	0.11	0.52	- If more than one three-sample set was collected, attach additional copies of this form.					
26	0.09	0.47						
27	0.08	0.47						
28	0.13	0.52						
29	0.08	0.33						
30	0.2	0.47						
31	0.14	0.52						

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

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
MONTHLY OPERATIONAL REPORT
WATER TREATMENT PLANTS

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

Durant City Utilities Authority

PO Box 578

Durant OK

74702

System

Address

City

ZIP

Plant: Durant Water Treatment P
PWSID: 1010601
Month: January 2017
Population: 19,491

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 sulf	CHLORINE		"P"		TOTAL AM		CLO2 Residual		TOTAL PM		AM PM			AM		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			
1	3,788	23	24	24	23	23	24	24	23	100	800	0	50	0	0	18	0	20	60			278	270		0.1	300	280	7.7	7.3	7.7	270	298	290	0.42	250				
2	3,631	24	24	24	24	24	23	23	24	50	700	0	50	0	0	0	0	20	60			266	254		0.07	264	256	7.9	7.5	7.5	260	280	276	0.57	250				
3	3,620	24	23	23	24	24	24	24	24	70	700	0	50	0	0	0	0	20	80			274	270		0.08	274	272	7.9	7.5	7.6	280	274	238	0.42	250				
4	3,619	24	24	24	24	23	24	24	23	60	600	0	50	0	0	0	0	0	60			274	270		0.09	272	266	8	7.5	7.5	268	284	284	0.62	250				
5	3,674	23	24	24	23	24	24	24	24	60	600	0	50	0	0	0	0	0	100			284	282		0.11	300	294	8.1	7.6	7.5	264	304	290	0.42	250				
6	4,298	24	24	24	24	24	23	23	24	60	1100	0	50	0	0	0	0	0	100			288	276		0.14	288	264	8.1	7.7	7.6	266	300	292	0.47	250				
7	4,120	23	23	23	24	23	24	24	24	110	800	0	50	0	0	0	0	0	60			264	244		0.1	280	266	8.2	7.7	7.6	258	320	314	0.47	300				
8	4,440	23	23	23	23	23	23	23	23	220	800	0	50	0	0	0	0	0	80			286	278		0.16	290	268	8	7.4	7.5	276	300	290	0.52	300				
9	4,401	23	23	23	23	24	23	24	24	130	900	0	50	0	0	27	0	0	40			290	284		0.15	310	284	8	7.5	7.5	278	294	290	0.76	300				
10	4,403	23	23	23	24	23	24	24	23	120	800	0	50	0	0	40	0	0	60			286	280		0.17	280	272	8	7.6	7.7	280	300	292	0.71	300				
11	4,257	23	23	23	23	24	24	23	24	150	900	0	50	0	0	38	0	0	80			284	268		0.13	282	264	8.1	7.6	7.6	268	290	282	0.71	270				
12	4,066	24	24	24	24	23	23	24	24	50	900	0	50	0	0	41	0	0	100			288	278		0.19	296	286	8.1	7.6	7.6	264	296	282	0.66	270				
13	4,029	23	24	24	23	24	24	24	24	60	900	0	50	0	0	40	0	0	80			290	282		0.1	294	280	8	7.6	7.6	268	302	294	0.57	270				
14	3,774	24	24	24	24	24	24	23	23	70	800	0	50	0	0	42	0	0	60			282	266		0.12	282	270	8	7.5	7.6	264	300	280	0.71	270				
15	3,442	24	23	23	24	24	24	24	24	70	1100	0	50	0	0	41	0	0	60			280	262		0.1	290	288	7.9	7.4	7.6	266	272	282	0.71	245				
16	3,392	24	24	24	24	23	23	24	24	60	2900	0	50	0	0	37	0	60	80			226	258		0.14	242	272	7.7	7.5	7.6	270	222	270	0.9	245				
17	3,503	23	24	24	23	24	24	24	24	70	2200	0	50	0	0	40	0	60	80			282	224		0.13	146	202	7.6	7.1	7	248	284	266	0.66	245	Switched source to Lake Durant			
18	3,809	24	24	24	24	24	24	24	24		1600	0	50	1375	0	45	0	50	80			136	168		0.13	142	162	7.1	7	7.8	226	150	200	0.71	260				
19	3,809	24	24	24	24	24	24	23	23	60	1600	0	50	825	0	39	0	130	80			138	146		0.16	140	142	7.7	7.9	7.7	180	184	180	0.66	260				
20	3,702	24	23	23	24	24	24	24	24	60	1300	0	50	825	0	36	0	130	60			146	142		0.11	144	142	7.6	7.7	7.7	150	180	190	0.52	260				
21	3,212	24	24	24	24	23	23	24	24	70	1400	0	50	688	0	41	0	130	70			132	136		0.08	146	140	7.6	7.6	7.7	144	188	162	0.47	260				
22	3,243	23	24	24	23	24	24	24	24	70	1300	0	50	825	0	38	0	140	60			132	148		0.11	136	130	7.2	7.2	7.6	142	168	164	0.52	240				
23	3,561	24	24	24	24	24	24	23	23	60	1200	0	50	550	0	42	0	120	60			138	132		0.13	120	136	7.4	7.6	7.6	132	154	154	0.47	240				
24	3,644	24	23	23	24	24	24	24	24	70	1300	0	50	825	0	38	0	120	60			144	138		0.09	138	134	7.4	7.4	7.5	136	160	166	0.47	260				
25	4,039	24	24	24	24	23	23	24	24	60	1400	0	50	688	0	42	0	120	80			140	134		0.11	138	136	7.6	7.6	7.5	128	146	158	0.52	280				
26	3,915	23	24	24	23	24	24	24	24	60	1400	0	50	500	0	37	0	120	80			142	142		0.09	140	176	7.2	7.2	7.9	142	142	170	0.47	280				
27	3,552	24	24	24	24	24	24	23	23	70	1300	0	50	825	0	43	0	100	60			130	122		0.08	160	142	7.3	7.3	7.8	128	172	170	0.47	280				
28	3,480	24	23	23	24	24	24	24	24	70	1500	0	50	550	0	51	0	140	60			136	124		0.13	144	130	7.4	7.3	7.7	138	170	172	0.52	280				
29	3,592	24	24	24	24	23	23	24	24	60	1300	0	50	825	0	35	0	80	60			136	136		0.08	142	124	7.2	7.1	7.7	134	160	162	0.33	280				
30	3,625	23	24	24	23	24	24	24	24	60	1200	0	50	550	0	37	0	60	60			150	130		0.2	146	128	7.3	7.2	7.7	136	170	160	0.47	280	Switched source to Blue River			
31	3,626	24	24	24	24	24	24	24	24			0	50	0	0		0					292	162		0.14	290	192	8	7.3	7.2	152	300	186	0.52	280				
TOT	117266	736	736	736	734	734	735	736	736	2280	35300		1550	9851		888		1620	2110			6814	6506		3.72	6816	6598	239	231	235	6616	7364	7206	17.42	8255				
Avg	3783	24	24	24	24	24	24	24	24	74	1139		50.00	318		28.65		54	70			220	210		0	220	213	7.7	7.5	7.6	213.4	238	232	0.562	#####				

Power Costs	\$13,041.98
Labor Costs	\$30,110.25
Chemicals	\$12,886.58
Supplies	\$200.00
Repairs	\$3,500.00
TOTAL	\$59,738.81

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

DEQ Form # 630-577A

Revised 9/1/2000

% Wash Water Used

1.94%

Title

Water Treatment Plant Supervisor

Oper. Cert. No.

B 6824

Cost per thousand Gallons

\$0.51

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 2017

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:

6

3%

TOTAL NO. OF TURBIDITY ANALYSES:

186

HIGHEST TURBIDITY READING

0.13

◀

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

3.40

◀ 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	1.96	1.6	2.4	0.04	0.03	0.03	0.03	0.03	0.03	1.99	2.11	2.23	2.34	2.34	2.33	1.81	1.85		
2	1.91	1.4	1.6	0.10	0.04	0.03	0.03	0.03	0.03	2.32	2.37	2.46	2.48	2.46	2.25	1.77	1.89		
3	2.13	1.1	1.8	0.04	0.03	0.03	0.03	0.03	0.03	2.24	2.34	2.42	2.46	2.46	2.42	2.00	1.88		
4	2.18	1.4	1.9	0.05	0.03	0.03	0.03	0.03	0.03	2.42	2.52	2.61	2.73	2.60	2.24	1.84	2.22		
5	1.99	1.3	1.9	0.06	0.03	0.03	0.03	0.03	0.03	2.35	2.36	2.36	2.31	2.30	2.26	1.98	2.16		
6	2.31	1.5	2.4	0.03	0.05	0.03	0.03	0.03	0.03	2.26	2.27	2.33	2.24	2.25	2.30	2.16	2.05		
7	2.72	2	2.9	0.03	0.06	0.04	0.07	0.03	0.05	2.29	2.29	2.34	2.44	2.29	2.42	2.09	2.22		
8	2.83	3.5	3.3	0.06	0.06	0.06	0.11	0.10	0.09	2.22	2.28	2.46	2.22	2.26	2.23	1.79	1.95		
9	4.15	3.7	3.4	0.07	0.05	0.08	0.09	0.11	0.06	2.26	2.27	2.23	2.27	2.19	2.30	1.90	1.93		
10	5.24	3.1	3	0.08	0.06	0.09	0.04	0.05	0.07	2.27	2.25	2.14	2.26	2.14	2.13	1.98	1.83		
11	3.46	1.9	3.4	0.07	0.06	0.07	0.07	0.06	0.09	2.16	2.24	2.26	2.24	2.20	2.15	2.07	1.87		
12	2.91	1.3	2	0.06	0.04	0.03	0.03	0.03	0.03	2.14	2.31	2.31	2.23	2.21	2.20	1.70	1.87		
13	2.36	1.4	2.1	0.03	0.05	0.03	0.03	0.03	0.03	2.19	2.19	2.20	2.24	2.21	2.19	1.65	1.96		
14	2.44	1	1.9	0.03	0.04	0.03	0.03	0.03	0.03	2.22	2.20	2.24	2.22	2.19	2.24	1.99	1.97		
15	2.07	1.2	2.6	0.05	0.03	0.03	0.03	0.03	0.03	2.26	2.28	2.30	2.23	2.21	2.18	1.63	1.81		
16	2.24	2.5	2.4	0.07	0.04	0.03	0.03	0.03	0.03	2.17	2.22	2.30	3.51	2.51	1.92	1.63	1.80	2" rain	
17	33.47	3.3	2.9	0.10	0.03	0.03	0.03	0.03	0.03	2.05	2.63	2.59	2.27	2.12	2.07	1.73	1.88	Switched source to Lake Durant	
18	4.75	1.3	1.5	0.03	0.03	0.03	0.03	0.03	0.03	2.13	2.23	2.26	2.21	2.16	2.05	1.60	1.93		
19	4.43	1.3	1.6	0.13	0.04	0.04	0.04	0.03	0.03	2.03	2.57	2.72	2.75	2.80	2.78	1.84	1.85		
20	3.16	2.5	2	0.03	0.09	0.04	0.03	0.03	0.03	2.86	2.93	2.97	2.92	2.70	2.31	1.42	1.80		
21	3.40	1.8	2	0.03	0.07	0.06	0.04	0.03	0.04	2.38	2.47	2.52	2.69	2.71	2.55	1.83	1.90		
22	3.41	2.6	0.9	0.07	0.05	0.04	0.04	0.04	0.04	2.56	2.82	2.85	2.89	2.81	2.51	1.77	1.79		
23	3.79	1.6	2	0.12	0.06	0.04	0.04	0.04	0.04	2.52	2.78	2.86	2.86	2.26	2.19	1.65	2.21		
24	4.41	1.4	1.5	0.09	0.04	0.04	0.04	0.03	0.03	2.21	2.46	2.47	2.38	2.23	2.18	1.66	1.98		
25	3.73	1.3	1.6	0.12	0.06	0.05	0.05	0.04	0.04	2.21	2.53	2.50	2.54	2.28	2.17	1.73	1.65		
26	5.41	1.6	2.1	0.10	0.05	0.04	0.04	0.04	0.04	2.18	2.28	2.39	2.27	2.18	1.96	1.71	1.84		
27	4.29	1.4	1.7	0.04	0.10	0.10	0.04	0.04	0.04	2.02	2.03	2.12	2.36	2.29	2.07	1.19	1.54		
28	4.50	1.3	1.7	0.04	0.07	0.07	0.04	0.04	0.04	2.08	2.11	2.17	2.27	2.27	2.08	1.79	1.41		
29	4.67	1.4	1.7	0.07	0.07	0.05	0.04	0.04	0.04	2.10	2.26	2.32	2.34	2.30	1.94	1.14	1.32		
30	4.79	1.2	1.3	0.05	0.04	0.04	0.04	0.04	0.04	1.82	2.14	2.31	2.33	2.27	1.98	1.22	1.32	Switched Source To Blue River	
31	5.04	1.1	2	0.04	0.03	0.03	0.03	0.03	0.03	1.99	2.25	2.62	3.03	2.95	2.38	1.47	1.29		



THE CITY OF DURANT

Office of the Water Treatment Plant

Water Treatment Plant Projects Schedule January 2017 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. Worked at the lagoons
16. Replaced fan motor in heater in the new chemical building
17. Replaced light bulb in #5 turbidity meter
18. Installed new alum pump
19. Fixed leak on post chlorine line

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

Utility Office

Memorandum

Date: 2/9/2017
To: Utilities Authority
From: Kelly Hawthorne, Utility Billing Supervisor
Re: Utility Office Monthly Report - January 2017

Utility Office Monthly Report for January 2017

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
Utility Office Monthly Report for January 2017	Cover Memo	2/9/2017



Monthly Utility Billing,
Cash Collection,
And Consumption Summary

JANUARY 2017

	WATER		SANITARY SEWER		SANITATION	
	Month	YTD	Month	YTD	Month	YTD
Number of Bills - Active Accounts	5989		5873		6172	

Total Revenue Billed	\$266,133.16	\$2,285,456.47	\$225,933.38	\$1,663,619.92	\$357,428.12	\$2,504,141.16
Amount of Penalties	\$14,594.70	\$54,372.86				

Adjustments in Dollar	(\$18,067.39)	(\$136,902.98)	(\$14,081.60)	(\$143,606.99)	(\$5,027.96)	(\$39,584.07)
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TOTAL CASH RECEIPTS	\$202,112.84	\$1,928,575.30	\$191,373.76	\$1,286,849.63	\$254,739.40	\$1,889,963.92
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CONSUMPTION IN GALLONS	69,358,400
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Additional Utility Office Information

1/1 THRU 1/31

New Service Applications	33
Service Order Issued for Water/Sewer	593
Service Order Issued for Solid Waste	247
Number of Walk In/Phone Payments	3263
Mail Payments	1591
Web Payments	718
Drop Box Payments	553
Bank Draft Payments	687
Credit Card Draft Payments	173
Other Payments *****	313

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



The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 2/9/2017
To: Utilities Authority
From: Albert Pierce, Solid Waste Department Superintendent
Re: Consider Request for Authorization to Purchase 30 Yard Compactor for Placement at Southeastern Oklahoma State University (RFAP # 2017-021)

Council Information / Action Requested

Approve Request for Authorization to Purchase 30 Yard Compactor in the amount of \$18,405 (RFAP # 2017-021).

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

ATTACHMENTS:

Description	Type	Upload Date
RFAP #2017-21 for SOSU Compactor	Cover Memo	2/9/2017

SPEND/CNTRCT#

INCODE PROJ#

RFAP#

2017-021

REQUEST FOR AUTHORIZATION TO PURCHASE

Ref: 11 O.S. §10:114 (B) and 61 O.S. §103 (D) and & City of Durant Code: § 37.003-37.010

Item #

- 1 Item planned for spending (provide details):

A new 30 yard compactor for SOSU

- 2 Department requesting authorization:

Solid Waste Collection

- 3 Bidding recommendation (award or reject along with name and contact information of vendor):

Rolloffs of America

- 4 What are the financing or lease purchase terms (APR %, length of financing, payments, etc.)

2/15/2017

- 6 Is this item included in the current FY budget (Yes/No)

Yes

- 7 GL account code:

405-029-554.50-82

- 8 Spending / purchase request details (complete below blanks):

- 8a Amount requested to spend

\$18,405.00

- 8b Item (new or replacement, if a capital item complete fixed asset form)?

New

- 8c Old Item to be Traded-In (Yes / No). Note: if a capital item complete fixed asset form?

No

If a Replacement Item, give description, age and condition of item to be replaced (including model & serial or VIN, trade allowance)

- 8d Is a contractor written agreement involved (Yes / No), if yes include a copy of the contract after City Attorney Review

No

- 8e Does the purchase involve Grant Funding (Yes or No)

No

- 8f What is the City Cash Match for the Grant

\$

- 8g What other match or financial obligation is involved with the City accepting this Grant (explain with details)

- 9 Purchase is Planned By (complete appropriate item(s) below):

- 9a
- Informal Quotes**
- Purchases of \$2000-\$15,000 City Manager approval required. Purchases with an estimated cost over \$15,000 use formal bids. Specifications & at least 3 quotes must be attached for items over \$5,000 (city manager can require quotes for below \$5,000):

Roll-Offs USA- \$18,405.00 Texoma MFG- \$18,995.00 Mayfab refused quote Roll-Offs USA was cheaper by \$590

- 9b
- Formal Bids**
- Purchases with an estimated cost over \$15,000 Council approval required. Attach complete specifications and a bidders list with at least 3 bidders. Include bidder name, address, phone number, fax number and email address of recommended vendor:

blank

- 9c
- State Contract**
- Purchases of \$2,000-\$15,000 City Manager approval required. Purchases over \$15,000 Council approval required. Include name, address, phone number, fax number, email address of state contract vendor and state contract number:

blank

- 9d **Buy Board** – Purchases of \$2,000-\$15,000 City Manager approval required. Purchases more than \$15,000 Council approval required. Include name, address, phone number, fax number, email address of Buy Board:

blank

- 9e **Professional Services Agreement** – Purchases over \$2,000 and less than \$15,000 via an engineering, surveying, architect, computer services, janitorial, etc. firm covered by a council approved professional services agreement, City Manager approval required.

blank

- 9f **Emergency Purchase** – To be utilized only when immediate action must be taken to protect the public health or safety or to prevent damage to property, prior council approval not required. Notify the City Manager immediately that an emergency purchase is needed.

blank

- 9g **Sole Source Purchase** – Purchases of \$2,000-\$15,000 City Manager approval required. Purchases with an estimated cost over \$15,000 Council approval required in addition to City Manager approval. Attach to this request a memo detailing the nature of the Sole source designation, that is explain how this purchase fulfills the requirements to be considered a sole source purchase:

blank

- 10 Signature & date blocks (complete appropriate sections):

MA

- 10a Signature of Grants Administrator (if applicable)

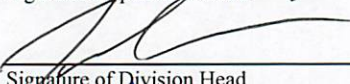
date (M/D/Y):



2-9-17

- 10b Signature Department Head

date (M/D/Y):



2-9-17

- 10c Signature of Division Head

date (M/D/Y):



2/9/17

- 10d Signature of Budget Administrator

date (M/D/Y):

N/A

- 10e Signature of Project Manager

date (M/D/Y):



2-9-17

- 10f Signature of City Treasurer

date (M/D/Y):



2-9-17

- 10g Signature of City Manager (only over \$2,000)

date (M/D/Y):

- 11h City Manager Comments:

Quote

ROLL-OFFS USA
P.O. BOX 727
DURANT, OKLAHOMA 74702-0727
(580) 924-6355

Order Number: 0030039

Order Date: 1/19/2017

Salesperson: HOUS

Customer Number: DURANT

Sold To:

CITY OF DURANT
Attn: Accounts Payable Clerk
P.O. Box 578
DURANT, OK 74702
Confirm To:

Ship To:

CITY OF DURANT
CPU
Mead, OK 73449

Customer P.O.	Ship VIA	F.O.B.	Terms				
	ZC		NET 30				
Item Number	Unit	Ordered	Shipped	Back Order	Price	Amount	
HSC30	ONE	1.000	0.000	0.000	18,405.000	18,405.00	
30YD SELF CONTAIN			Whse: 000				
SN:							
Bill Option 1 Option 01	6" NOSE ROLLERS						
Bill Option 4 Option 02	1-DR SIDE FED						
XPOWSMA10	EACH	1.000	0.000	0.000	0.000	0.00	
POWER UNIT--10HP 3 PHASE			Whse: 000				
INCLUDED IN PRICE							
COHOPSCCLR	EACH	1.000	0.000	0.000	0.000	0.00	
ENCLOSED HOPPER-- SIDE DOOR			Whse: 000				
INCLUDED IN PRICE							
COSMART	EACH	1.000	0.000	0.000	0.000	0.00	
SMARTPACK OPTION PENDANT			Whse: 000				
INCLUDED IN PRICE							
COACCINT	EACH	1.000	0.000	0.000	0.000	0.00	
ACCESS INTERLOCK SWITCH			Whse: 000				
INCLUDED IN PRICE							
DUAL A-FRAME HOOK - UP							
REINFORCED DOOR							

Net Order:	18,405.00
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Order Total:	18,405.00

 **TEXOMA
MFG LLC**
Matt 4:19

P.O. BOX 1940
DURANT OK. 74702
Phone (580) 920-0042
Fax (580) 920-1335

Date 1/18/17



The City of Durant

Office of City Clerk

Memorandum

Date: 2/10/2017
To: Utilities Authority
From: Jacque Wilson, Projects Manager
Re: Consider Approval of Request for Authorization to Purchase for Landfill Feasibility Engineering Study (RFAP # 2017-024)

Council Information / Action Requested

Approve Request for Authorization to Purchase for Landfill Feasibility Engineering Study (RFAP # 2017-024) in the amount of \$35,000.

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

ATTACHMENTS:

Description	Type	Upload Date
RFAP # 2017-024	Exhibit	2/10/2017

SPEND/CNTRCT#

INCODE PROJ#

RFAP#

2017-024

REQUEST FOR AUTHORIZATION TO PURCHASE

Ref: 11 O.S. §10:114 (B) and 61 O.S. §103 (D) and City of Durant Code: § 37.003-37.010

Item #

- 1 Item planned for spending (provide details):
Landfill feasibility engineering study for recycling and possibility to bring MSW back to Durant. This study will determine if expanding recycling, to include curbside pickups, would be both socially and economically feasible for the City of Durant.
- 2 Department requesting authorization:
Project Manager and Landfill Department Head
- 3 Bidding recommendation (award or reject along with name and contact information of vendor):
N/A
- 4 Estimated Purchase Date (M/D/Y): April 25, 2017
- 5 What are the financing or lease purchase terms (APR %, length of financing, payments, etc.)
- 6 Is this item included in the current FY budget (Yes/No) Yes
- 7 GL account code: # 015-049-554-61-65
- 8 Spending / purchase request details (complete below blanks):
- 8a Amount requested to spend \$35,000.00
- 8b Item (new or replacement, if a capital item complete fixed asset form)?
- 8c Old Item to be Traded-In (Yes / No). Note: if a capital item complete fixed asset form?
- If a Replacement Item, give description, age and condition of item to be replaced (including model & serial or VIN, trade allowance)*
- 8d Is a contractor written agreement involved (Yes / No), if yes include a copy of the contract after City Attorney Review
- 8e Does the purchase involve Grant Funding (Yes or No) No
- 8f What is the City Cash Match for the Grant \$
- 8g What other match or financial obligation is involved with the City accepting this Grant (explain with details)
- 9 Purchase is Planned By (complete appropriate item(s) below):
- 9a Informal Quotes – Purchases of \$2000-\$15,000 City Manager approval required. Purchases with an estimated cost over \$15,000 use formal bids. Specifications & at least 3 quotes must be attached for items over \$5,000 (city manager can require quotes for below \$5,000):
N/A
- 9b Formal Bids – Purchases with an estimated cost over \$15,000 Council approval required. Attach complete specifications and a bidders list with at least 3 bidders. Include bidder name, address, phone number, fax number and email address of recommended vendor:
N/A
- 9c State Contract – Purchases of \$2,000-\$15,000 City Manager approval required. Purchases over \$15,000 Council approval required. Include name, address, phone number, fax number, email address of state contract vendor and state contract number:
N/A

Spend & Contract Form

9d **Buy Board** – Purchases of \$2,000-\$15,000 City Manager approval required. Purchases more than \$15,000 Council approval required. Include name, address, phone number, fax number, email address of Buy Board:

N/A

9e **Professional Services Agreement** – Purchases over \$2,000 and less than \$15,000 via an engineering, surveying, architect, computer services, janitorial, etc. firm covered by a council approved professional services agreement, City Manager approval required.

Attached

9f **Emergency Purchase** – To be utilized only when immediate action must be taken to protect the public health or safety or to prevent damage to property, prior council approval not required. Notify the City Manager immediately that an emergency purchase is needed.

N/A

9g **Sole Source Purchase** – Purchases of \$2,000-\$15,000 City Manager approval required. Purchases with an estimated cost over \$15,000 Council approval required in addition to City Manager approval. Attach to this request a memo detailing the nature of the Sole source designation, that is explain how this purchase fulfills the requirements to be considered a sole source purchase:

10 Signature & date blocks (complete appropriate sections):

X 10a Signature of Grants Administrator (if applicable) date (M/D/Y):

(JJ)

10b Signature Department Head date (M/D/Y):

(JJ)

10c Signature of Division Head date (M/D/Y):

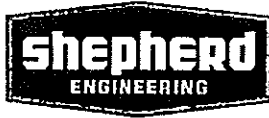
10d Signature of Budget Administrator date (M/D/Y):

X 10e Signature of Project Manager date (M/D/Y):

10f Signature of City Treasurer date (M/D/Y):

10g Signature of City Manager (only over \$2,000) date (M/D/Y):

11h City Manager Comments:



DESIGN COMPANY INCORPORATED

January 23, 2017

By Electronic Mail Only

City of Durant
300 W. Evergreen
Durant, OK 74702

Attn: Jacque Wilson
City Project Manager

RE: Scope of Work
Feasibility Study for Recycling
City of Durant
Durant, Bryan County, Oklahoma
SEDCo Proposal No.: 16033 Rev. 1

Dear Mr. Wilson:

We are preparing this Scope of Work based on our meeting that was held on September 28, 2016 in your office and a follow up meeting held on January 18, 2017. During the initial meeting and the follow up meeting several items were discussed but the main item this Scope of Work covers is the feasibility of the City of Durant setting up curb side recycling and the concept of a green campus that would be located at the existing City of Durant Municipal Solid Waste (MSW) Transfer Station and Construction and Demolition (C&D) Landfill.

PROJECT DESCRIPTION

SEDCo understands that the City of Durant would like to determine if it would be cost effective to set up a curbside recycling program. This would reduce the amount of waste being hauled to the transfer station and ultimately to a Municipal Solid Waste (MSW) Landfill. We further understand that the City of Durant would like to investigate the concept of a green campus, which comes from the northeast part of the United States and relates to a location where multiple types of waste are accepted and then recycled thereby reducing the amount of waste that is disposed of at a MSW landfill.

SHEPHERD ENGINEERING DESIGN CO., INC.

7015 NORTH ROBINSON AVE.

OKLAHOMA CITY, OK 73116

(405) 996-5301 T | (405) 488-0029 F | JASHEPHERD@SEDCOUSA.NET

Scope of Work
Permitting and Engineering Services for Green Campus
City of Durant
Durant, Bryan County, Oklahoma
SEDCo Proposal No.: 16033 Rev. 1

The City of Durant would like to establish curbside recycling that would collect paper, cardboard, glass and metals, which would be recycled at a facility located within or near the City of Durant. Furthermore, organic waste can be removed from the waste stream and used to develop compost, which could be a viable product in the market.

Most if not all C&D waste can be recycled, such as asphalt shingles, wood debris, concrete, rubble and metals depending on the type of waste stream that is arriving at the landfill. Based on our understanding, the City of Durant currently operates a Municipal Solid Waste (MSW) Transfer Station and a Construction and Demolition (C&D) Landfill. The MSW Transfer Station can be converted to a Material Recovery Facility (MRF) since it is currently permitted under the waste processing rules of the Oklahoma Department of Environmental Quality (ODEQ). Also, the existing C&D Landfill could be converted into an area where C&D waste could be recycled and organic waste could be composted. The green campus, once fully operational, could reduce the overall waste going to a MSW Landfill or a C&D Landfill by up to 90% or higher depending on the efficiency of recycling effort. This would substantially reduce the overall cost of waste disposal for the City of Durant.

Based on our discussion during the initial meeting it was indicated that the Choctaw Nation might very well be interested in this type of project and could participate in a variety of ways. However, during the follow up meeting it was determined that the Choctaw Nation has already set up recycling facility and is accepting recyclables at this facility that is being delivered via drop off boxes that are located throughout the Choctaw Nation. Furthermore, the Choctaw Nation will be starting an organic waste composting facility in the very near future. Further discussions with the Choctaw Nation would be required to get their overall buy in to the project. Also, further discussion with the City of Durant would also be required to determine overall acceptability of the project.

SCOPE OF WORK

Our Scope of Work is for preparing a feasibility study to determine if a curbside recycling program can be instituted within the City of Durant. Furthermore, SEDCo will determine if a green campus is a viable both socially and economically for the City of Durant and the surrounding community. As part of this Scope of Work, we will complete the following:

1. Work to find other examples of curbside recycling in cities that are about the same size as the city of Durant;
2. Determine the type of waste that the City of Durant would like to recycle;
3. Determine the type of equipment and the costs of the equipment needed to complete the curbside recycling;

Scope of Work
Permitting and Engineering Services for Green Campus
City of Durant
Durant, Bryan County, Oklahoma
SEDCo Proposal No.: 16033 Rev. 1

4. Determine the size, layout, and costs of a fully automated recycling facility to handle the recyclable that would be collected by the City of Durant;
5. Compare all of the costs associated with the curbside recycling program and see how that compares to the decreased cost in transfer waste to a MSW Landfill;
6. Work to find other examples of green campuses, recycling facilities and compost facilities throughout the United States that could be used as examples for the City of Durant;
7. Meet with the City of Durant up to seven (7) times during the course of the project, with the last meeting being a presentation for the City Council if required;
8. Meet with the Choctaw Nation and the City of Durant up to seven (7) times during the course of the project;
9. Meet with the Oklahoma Department of Environmental Quality (ODEQ) up to three (3) times to discuss various parts of the project and what the ultimate permitting requirements would be for this type of project;
10. Develop a conceptual layouts of the green campus for review and approval by the City of Durant and the Choctaw Nation, if required;
11. Discuss a plan for waste separation at the source, such as the casino(s) or other facilities in the City of Durant;
12. Discuss the different types of equipment and facilities that might be needed during the life of the project; and
13. Finally, develop a detailed operational cost estimate for the green campus and get "buy-in" from all stakeholders as necessary.

PROJECT TIMELINE

If selected for this project, SEDCo would be able to start on this project immediately and would be able to complete the project within 60 says depending on meeting schedule with the City of Durant and the Choctaw Nation.

COST ESTIMATE

SEDCo estimates that we can complete this project for a lump sum cost of \$35,000.00. This would include all travel costs, meeting costs, engineering, and any other costs associated with this project.

Scope of Work
Permitting and Engineering Services for Green Campus
City of Durant
Durant, Bryan County, Oklahoma
SEDCo Proposal No.: 16033 Rev. 1

SEDCo appreciates the opportunity to provide the City of Durant with this Scope of Work. If you have any questions or comments, please do not hesitate to contact the undersigned.

Sincerely yours,
SHEPHERD ENGINEERING DESIGN CO., INC.

A handwritten signature in black ink, reading "Jeff A. Shepherd". The signature is written in a cursive, flowing style.

Jeff A. Shepherd, P.E.
Senior Engineer