

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**

June 12, 2018

**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 May 8, 2018
- b. Consider Appointing Kenneth Cooper to Act as the City Representative on the Southern Oklahoma Regional Disposal (SORD) Board.

2. Consider Items Removed from Consent

3. Administration

- a. Consider Approval of Motion to File Durant City Utilities Authority FY 18/19 Financial Plan with City Council as Beneficiary

4. Information Items

- a. Landfill Information & Reports -May 2018
- b. Solid Waste Department Monthly Report - May 2018
- c. Waste Water Treatment Plant and Lab Monthly Report - May 2018

d. Water Treatment Plant Operational Reports - May 2018

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 14th day of November, 2017 and that an agenda of said meeting was posted at the place of such meeting at 5:05 p.m. on the 8th day of June, 2018.

Cynthia J. Price, City of Durant



The City of Durant

Office of City Clerk

Memorandum

Date: 5/24/2018
To: Utilities Authority
From: Cynthia J. Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of May 8, 2018

Council Information / Action Requested

Approval of Regular Meeting Minutes of May 8, 2018

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

ATTACHMENTS:

Description	Type	Upload Date
Minutes 5.8.2018	Exhibit	5/24/2018

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 14th day of November, 2017 and that an agenda of said meeting was posted at the place of such meeting at 5:38 p.m. on the 4th day of May, 2018.

MINUTES OF THE REGULAR SCHEDULED MEETING OF THE DURANT CITY UTILITIES AUTHORITY OF May 8, 2018 AT 6:00 PM, Roscoe J. Hatfield Council Chambers, 300 West Evergreen, Durant, Oklahoma

CALL TO ORDER

Chairman Tomlinson called the meeting to order at 8:19 p.m.

ROLL CALL

Present: Trustee Oden Grube	City Attorney Tom Marcum
Trustee Mike Dills	City Manager Tim Rundel
Trustee Destry Hawthorne	City Clerk Cynthia J. Price
Vice Chairman Chad Hitchcock	
Chairman Jerry Tomlinson	

Absent: None (*denotes partial attendance)

Chairman Tomlinson declared a quorum.

1. Consent Items

To help streamline meetings and allow the focus to be on other items requiring strategic thought, the "Consent Items" portion of the agenda groups the routine, procedural, and self-explanatory non-controversial items together. These items are voted on in a single motion (one vote). However, any Council member requesting further information on a specific item thus removes it from the "Consent Items" section for individual attention and separate vote.

- a. Consider Approval of Regular Meeting Minutes of April 10, 2018

Approved

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

Ayes: Dills, Grube, Hawthorne, Hitchcock, Tomlinson

2. Consideration Items Removed from Consent

3. Administration

- a. Consider Approval of a Memorandum of Agreement Between the Durant City Utilities Authority and Choctaw Nation of Oklahoma

Regarding Sewer Adjustment(s) to Four (4) Utility Accounts, or Take Any Other Appropriate Action

Approved

Greg Buckley, Administrative Services Director, stated there are four commercial accounts that are on tribal properties which have a primary meter but also have an irrigation meter. The Choctaw Nation of Oklahoma is requesting the City of Durant discount the sewer charge from the four irrigation meters. Discussion followed.

Motion was made by Destry Hawthorne and seconded by Chad Hitchcock to approve Memorandum of Agreement between the Durant City Utilities Authority and the Choctaw Nation of Oklahoma regarding sewer adjustment(s) to four (4) utility accounts. Motion Passed with the following vote:

Ayes: Dills, Grube, Hawthorne, Hitchcock

Abstain: Tomlinson

- b. Consider Approval of Request for Authorization to Purchase for the Rewinding of a Motor for the Water Treatment Plant for \$17,223.96 (RFAP#2018-159)

Approved

Phillip Hightower of the Water Treatment Plant addressed council and stated this is a back up pump. Mr. Hightower stated it is critical that the motor gets rewound so that the pump can get back online, especially at this time of year.

Motion was made by Destry Hawthorne and seconded by Chad Hitchcock to approve Request for Authorization to Purchase for the rewinding of a motor for the Water Treatment Plant for \$17,223.96 (RFAP #2018-159). Motion Passed with the following vote:

Ayes: Dills, Grube, Hawthorne, Hitchcock, Tomlinson

4. Information Items

- a. Landfill Information & Monthly Reports - April 2018
- b. Solid Waste Department Monthly Report - May 2018
- c. Utilities Department Monthly Report - March 2018
- d. Waste Water Treatment Plant and Lab Monthly Report - April 2018
- e. Water Treatment Plant Monthly Reports - April 2018

Adjournment

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

Ayes: Dills, Grube, Hawthorne, Hitchcock, Tomlinson



The City of Durant

Public Works Director

Memorandum

Date: 5/4/2018
To: Utilities Authority
From: Marty Cook - Public Works Director
Re: Consider Appointing Kenneth Cooper to Act as the City Representative on the Southern Oklahoma Regional Disposal (SORD) Board.

We are a member of the Southern Oklahoma Regional Disposal (SORD) Board. This membership grants us privileges that allow for a better waste disposal service within the City of Durant as well as giving us a voice on the decisions faced by this regional board. With the retirement of Zefe Laborico as our Landfill Supervisor and local board member, we have promoted Kenneth Cooper to fill his vacancy. Kenneth has many years of service her within our own Landfill system and is the logical choice to represent us on the SORD Board.

Consider Appointing Kenneth Cooper to Act as the City Representative on the Southern Oklahoma Regional Disposal (SORD) Board.

Council Information / Action Requested

Approve / Deny Appointing Kenneth Cooper to act as our City Representative on the SORD Board.

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



The City of Durant

Deputy City Manager of Administration

Memorandum

Date: 6/4/2018
To: Utilities Authority
From: Tim Rundel, City Manager
Re: Consider Approval of Motion to File Durant City Utilities Authority FY 18/19 Financial Plan with City Council as Beneficiary

Public Trusts created pursuant to Title 60 of the Oklahoma State Statutes shall file annually, with the respective beneficiaries, a financial plan or budget. Public Trusts are not required by the Municipal Budget Act and are not considered legally adopted, appropriated budgets (merely financial plans).

Council Information / Action Requested

Approve filing Durant City Utility Authority FY 18/19 financial plan with Durant City Council as Beneficiary.

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

Treasurer's office will install FY 18/19 budget in our accounting software.



The City of Durant

Solid Waste Landfill

Memorandum

Date: 5/30/2018
To: Utilities Authority
From: Kenny Cooper, Interim Supervisor, Solid Waste Landfill
Re: Landfill Information & Reports -May 2018

Council Information / Action Requested

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

ATTACHMENTS:

Description	Type	Upload Date
May 2018 DEQ Report	Exhibit	6/1/2018
May 2018 Project Schedule	Exhibit	6/1/2018



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: MAY 2018

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

Permit Number: 3507001

Phone Number: 580-931-6606

Total # of Days open: 25

COMPLETE SECTIONS 5-10 ONLY IF SCALES GO DOWN

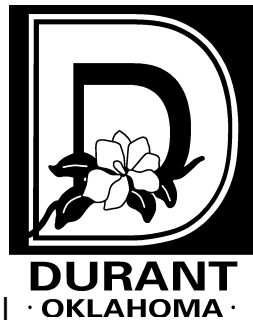
D A Y	(1) Total weight accepted (tons)	(2) Weight which is reused or recycled in accordance with facility permit (tons)	(3) Weight accepted from a DEQ approved emergency or special event (tons)	(4) Weight accepted from large industrial waste generators with DEQ exemption certificate (tons)	(5) Time scales 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	116.51									
2	89.04									
3	21.05									
4	9.13									
5	5.22									
6	0									
7	107.88									
8	158.05									
9	90									
10	49.33									
11	43.93									
12	21.55									
13	0									
14	76.3									
15	11.56									
16	27.21									
17	98.85									
18	59.24									
19	11.56									
20	0									
21	115.84									
22	56.75									
23	75.17									
24	60.26									
25	17.05									
26	0									
27	0									
28	0									
29	100.6									
30	14.39									
31	83.3									
Total	1519.77	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: Bonnie Carpenter

Phone #: 580-924-8358

Date: 6-1-18



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE DISPOSAL PROJECTS SCHEDULE ***May 2018***

A. Work Completed for May:

1. Covered C & D Site
2. Hauled MSW To SORD
3. picked up 386 rolloff's & 11 delivered

B. Work Planned For June:

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

C. Work Planned For Jan. '18 – Dec. '18:

Approx. Start – Finish Date:

1. Haul trash to Ardmore 1-2018 thru 12-2018

D. Projects Planned And Requested For Authorization:

1. None.



The City of Durant

Office of the Solid Waste Department

Memorandum

Date: 5/31/2018
To: Utilities Authority
From: Albert Pierce, Solid Waste Department
Superintendent
Re: Solid Waste Department Monthly Report - May 2018

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
Solid Waste Department Monthly Report - May 2018	Exhibit	5/31/2018



THE CITY OF DURANT

Office of the Solid Waste Superintendent

SOLID WASTE PROJECTS SCHEDULE ***May 2018***

A. Work Completed:

1. Hauled 106.02 tons of extra hauling
2. Hauled 108 loads of extra hauling
3. Picked up and delivered 19 sharps
4. One abatement this month
5. Cleaned Sunny Side rd. 1 time
6. Refurbished 9 dumpsters
7. Replaced 4 dumpsters with new
8. Cleaned dead ends of Cemetery rd. 2 times

B. Work Planned For June

1. Refurbish. dumpsters
- 2.

C. Work Planned For Jan. '1-18 – Dec. 31-18

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: 6/5/2018
To: Utilities Authority
From: Terry Condor, Waste Water Treatment Plant Superintendent
Re: Waste Water Treatment Plant and Lab Monthly Report - May 2018

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
Waste Water Treatment Plant and Lab Monthly Report - May 2018	Exhibit	6/5/2018



The City of Durant
Office of the Wastewater Treatment Plant

PROJECTS SCHEDULE

A: WORK COMPLETED IN MAY 2018

- 1: MONITORING OF SBR SE VALVES TO DETERMINE FURTHER FAILURES (on going)
- 2: CLEAN CLARIFIER WEIRS (not done)
- 3: CLEAN BLEND TANK MIXER 5/31/18
- 4: CLEAN EFFLUENT PUMP STATION -----
- 5: CLEAN RAW WATER PUMP STATION -----
- 6: CLEAN SCUM PUMP STATION (not needed)
- 7: CLEAN DRAIN LIFT STATION 5/17/18
- 8: CK TORQUE & OVERLOAD & GREASE CHAIN ON CLARIFIER 5/2/18
- 9: CALIBRATE DISCHARGE DO & PH METER 5/16/18
- 10: CHECK CALIBRATION OF DISCHARGE FLOW METER 5/23/18
- 11: RESET SBR PLC (not needed)
- 12: WASH DOWN STEP SCREEN 5/11/18
- 13: CLEAN UV TROUGHS AND FLUME 5/3/18
- 14: CHECK ELECTRIC MANHOLES 5/9/18
- 15: CLEAN OUT BUILDINGS 5/30/18
- 16: MANUALLY CHECK U.V. BULBS 5/30/18
- 17: WASH DOWN CASINO STEPSCREEN 5/7/18
- 18: CHECK ALL AUTOMATIC VALVES
- 19: VEHICLE INSPECTION 5/2/18
- 20: WALK-THRU INSPECTION 5/2/18
- 21: CLEAN ALL PLC's 5/10/18
- 22: CLEAN D.O. METERS 5/9/18
- 23: CHECK CLARIFIER OIL WEEKLY 5/2, 5/8/18
- 24: REPAIR DIGESTER FLOW METER
- 25: REPAIR #3 DIGESTER MIXER
- 26: CLEAN UV MODULES 5/8/18

TREATED 65.575 MG OF WASTEWATER
PROCESSED 1.194756 MG OF TREATED SLUDGE

B: WORK PLANNED FOR JUNE 2018

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



THE CITY OF DURANT

Office of the Wastewater Treatment Plant

Lab Report

05/1/18 to 05/31/18

Tests Processed

<u>88</u>	Bac-t's
<u>105</u>	BOD's
<u>25</u>	TSS's
<u>15</u>	NH3's
<u>10</u>	DO's
<u>5</u>	Ph's
<u>10</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
- Storm water Report
- Pre-Treatment

CITY OF DURANT WASTEWATER TREATMENT PLANT MONTHLY OPERATION REPORT

MONTH OF

MAY 2018

MONTH OF																	MAY 2018									
DAY	DATE	WEATHER		FLOW		PUMPS		INFLUENT DATA				SLUDGE		SSR DATA				DMR			EFFLUENT	Visible Foam or Floating Solids in Discharge Channel				
		RAINFALL (in.)	Lo AIR TEMP	INFLUENT (MGD)	EFFLUENT (MGD)	RAW PUMP ONLINE	EFFLUENT PUMP ONLINE	pH	SETTLABLE SOLIDS ml / L	Head work's BOD ₅	Over the Weirs BOD ₅	TSS	FEED SLUDGE (GPD)	GBT ONLINE	REACTOR #1 SETTLEABILITY	REACTOR #2 SETTLEABILITY	REACTOR #3 SETTLEABILITY	REACTOR #4 SETTLEABILITY	D.O. mg/L	pH			TSS mg/L	AMMONIA mg/L	CBOD ₅	FECAL COLIFORM #/cu/100ml
T	5/1/18		60.9	3.1	3.1	1	4	7.1	5				21608	51033	900	900	850	850	7.6	7.5				30		N/D
W	5/2/18		77	2.3	2.1	1	4	7.0	10	161.7	158.7	104	21024	55247	900	900	900	900	7.8	7.6	3.0	0.2	0.13	3.0		N/D
T	5/3/18		76	2.4	2.3	1	4	7.0	5				191002	54121					7.2	7.0						N/D
F	5/4/18	0.8	78	2.4	2.4	1	4	6.9	8				21468	56372					7.3	7.5						N/D
S	5/5/18			2.0	2.1	1	4						21480						7.6	7.6						N/D
S	5/6/18			2.0	2.0	1	4						21534						7.6	7.6						N/D
M	5/7/18		78	2.0	2.1	1	4	6.9	25				20370	58300	900	950	950	850	9.3	8.0						N/D
T	5/8/18		66	1.9	2.1	1	4	7.0	10				20938	60323	850	900	850	900	9.0	7.6				19		N/D
W	5/9/18		69	2.0	2.1	1	4	6.8	3	127.4	122.3	160	21484	55606	900	900	850	850	8.0	7.6	3.2	0.2	0.2	48		N/D
T	5/10/18		61	1.9	2.0	1	4						20036	57562					7.8	7.6						N/D
F	5/11/18		67	1.7	1.8	1	4						20036	58325					7.8	7.6						N/D
S	5/12/18			1.7	1.9	1	4						21480						7.4	7.5						N/D
S	5/13/18			1.7	1.9	1	4						21580						7.5	7.6						N/D
M	5/14/18		70	2.4	2.9	1	4						21230	54188	900	950	950	850	7.6	7.5						N/D
T	5/15/18	1.0	73	2.5	2.5	1	4	4.7	1				21824	0	800	850	650	800	7.5	7.6						N/D
W	5/16/18		67	2.5	2.5	1	4	7.6	7	119.3	141.5	152	20466	55299	850	900	700	700	7.8	7.6	0.2	0.2	0.2	48	3.0	N/D
T	5/17/18		61	2.4	2.4	1	4	6.8	3				21584	55271					7.8	7.6						N/D
F	5/18/18		69	2.0	2.1	1	4	6.9	3				21528	60367					7.8	7.6						N/D
S	5/19/18			1.8	1.8	1	4						20108						7.7	7.6						N/D
S	5/20/18	1.81		1.8	1.9	1	4						21220						7.8	7.5						N/D
M	5/21/18		65	1.7	1.9	1	4	6.9	25				21336	60239	800	800	800	700	7.7	7.5				116		N/D
T	5/22/18		68	1.8	2.0	1	4	7.2	4				21098	54657	800	800	700	800	7.6	7.7				69		N/D
W	5/23/18		68	1.6	1.9	1	4	7.2	5				20312	54603	900	800	650	800	7.2	7.6						N/D
T	5/24/18		68	1.8	2.0	1	4	6.8	8	113.3	145	24	21522	61428					7.8	7.6	3.0	0.8	0.3			N/D
F	5/25/18		97	2.0	2.3	1	4	7.1	15				21540	54314					7.6	7.5						N/D
S	5/26/18			1.8	2.1	1	4						19616						8.3	7.7						N/D
S	5/27/18			1.7	2.0	1	4						20552						7.9	7.7						N/D
M	5/28/18			1.7	1.9	1	4						21480						8.3	7.7						N/D
T	5/29/18		73	1.9	2.2	1	4	7.3	9				22730	55038	800	800	850	600	8.0	7.7						N/D
W	5/30/18	1.88	72	2.2	2.4	1	4	6.9	5	56.8	119.3	300	24010	57194	700	700	800	400	8.0	7.7	3.1	3.0	0.2	6		N/D
T	5/31/18		75	1.9	2.0	1	4	7.0	5				22456	59237	800	750	750	500	8.1	7.6				4		N/D

City of Durant Wastewater Monthly Operational Report

DATE	Raw Influent Flow MGD.	Finish Effluent Flow MGD	PH	D.O. mg/l	CBOD mg/l	BOD lbs/d	TSS mg/l	TSS lbs	Fecal Coliforms cfu/100mg/l	NH3 mg/l	NH3 lbs.	Bis(2- ethylhexyl) phthalate ug/l	Bis(2- ethylhexyl) phthalate lbs.	Comments: Caney creek
5/1/18	2.1	2.1	7.5	7.6					30					
5/2/18	2.2	2.1	7.6	7.8					13	0.6	10.5			
5/3/18	2.4	2.3	7.6	7.2	2.6	45.5	3.0	52.5				3.0		
5/4/18	2.4	2.4	7.5	7.3										
5/5/18	2.0	2.1	7.6	7.6										
5/6/18	2.0	2.0	7.6	7.6										
5/7/18	2.0	2.1	8.0	9.3										
5/8/18	1.9	2.1	7.6	9.0					19					
5/9/18	2.0	2.1	7.6	8.0	2.2	38.5	3.2	56.0	48	0.2	3.5			
5/10/18	1.8	2.0	7.6	7.8										
5/11/18	1.7	1.9	7.6	7.8										
5/12/18	1.7	1.9	7.5	7.4										
5/13/18	1.7	1.9	7.6	7.5										
5/14/18	2.4	2.0	7.5	7.6										
5/15/18	2.5	2.9	7.6	7.5										
5/16/18	2.5	2.5	7.6	7.8	2.0	41.7	2.6	54.2	48	0.2	4.2	3.0		Caney Creek
5/17/18	2.4	2.4	7.6	7.9					79					3
5/18/18	2.0	2.1	7.6	7.8										
5/19/18	1.8	1.8	7.6	7.7										
5/20/18	1.8	1.9	7.5	7.8										
5/21/18	1.7	1.9	7.5	7.7					16					
5/22/18	1.8	2.0	7.7	7.6					69					
5/23/18	1.6	1.9	7.6	7.7										
5/24/18	1.8	2.0	7.6	7.8	2.4	40.0	3.0	50.0		0.8	13.3			
5/25/18	2.0	2.3	7.5	7.6										
5/26/18	1.8	2.1	7.6	8.3										
5/27/18	1.7	2.0	7.7	7.9										
5/28/18	1.7	1.9	7.7	8.3										
5/29/18	1.9	2.2	7.7	8.0										
5/30/18	2.2	2.4	7.7	8.0										
5/31/18	1.9	2.0	7.6	8.1										
Total	61.4					0.0		0.0			0.0			
Avg.	2.0	2.1			2.3	41.4	3.0	53.2	1	0.4	7.9	3.0	0	
High	2.5	2.5	8.0	9.3	2.6	45.5	3.2	56.0	79	0.8	13.3	3.0	0	
Low	1.7	1.8	7.5	7.2	2.0	38.5	2.6	50.0		0.2	3.5	3.0		

Process Water and Sludge Flow Report

May 2018

Date	Influent Flow (MG)	Drain Lift Station Flow (MG)	Casino Lift Station Flow (MG)	Combined Infl (MG)	Effluent Flow (MG)	GBT #1 Flow (KG)	GBT #2 Flow (KG)	Sludge Flow Digester #1 (KG)	Sludge Flow Digester #2 (KG)
5/1/2018	1.861	0.095	0.182	2.138	2.061	57.033	0.000	0.000	10.804
5/2/2018	1.864	0.075	0.218	2.157	2.105	55.247	0.000	0.000	10.613
5/3/2018	2.048	0.076	0.245	2.369	2.302	54.121	0.000	0.000	9.801
5/4/2018	2.078	0.078	0.285	2.441	2.443	56.372	0.000	0.000	10.734
5/5/2018	1.648	0.031	0.309	1.987	2.129	0.010	0.000	0.000	10.740
5/6/2018	1.648	0.031	0.309	1.987	2.129	0.010	0.000	0.000	10.740
5/7/2018	1.674	0.087	0.203	1.963	2.118	58.300	0.000	0.000	10.767
5/8/2018	1.684	0.074	0.187	1.946	2.129	60.323	0.000	0.000	20.938
5/9/2018	1.686	0.071	0.213	1.970	2.143	55.606	0.000	0.000	10.742
5/10/2018	1.492	0.081	0.225	1.798	1.988	57.562	0.000	0.000	10.018
5/11/2018	1.386	0.078	0.256	1.720	1.903	58.325	0.000	0.000	10.018
5/12/2018	1.339	0.037	0.315	1.691	1.916	0.000	0.000	0.000	21.480
5/13/2018	1.424	0.033	0.282	1.739	1.886	0.000	0.000	0.000	10.765
5/14/2018	2.023	0.078	0.268	2.369	2.017	54.188	0.000	0.000	10.615
5/15/2018	2.131	0.023	0.299	2.453	2.997	0.010	0.000	0.000	11.412
5/16/2018	2.217	0.074	0.258	2.549	2.484	58.299	0.000	0.000	10.233
5/17/2018	1.995	0.075	0.290	2.360	2.354	55.272	0.000	0.000	10.792
5/18/2018	1.630	0.090	0.270	1.989	2.055	60.367	0.000	0.000	10.764
5/19/2018	1.459	0.031	0.304	1.794	1.847	0.000	0.000	0.000	10.054
5/20/2018	1.475	0.029	0.261	1.766	1.858	0.000	0.000	0.000	10.610
5/21/2018	1.420	0.083	0.215	1.718	1.875	60.239	0.000	0.000	10.668
5/22/2018	1.563	0.078	0.208	1.849	2.045	56.657	0.000	0.000	10.549
5/23/2018	1.355	0.075	0.208	1.637	1.896	56.603	0.000	0.000	10.156
5/24/2018	1.457	0.074	0.289	1.819	2.007	54.428	0.000	0.000	10.761
5/25/2018	1.610	0.075	0.314	2.000	2.284	54.314	0.000	0.000	10.795
5/26/2018	1.435	0.033	0.352	1.820	2.097	0.000	0.000	0.000	9.809
5/27/2018	1.284	0.029	0.350	1.663	1.959	0.000	0.000	0.000	10.476
5/28/2018	1.399	0.033	0.291	1.723	1.932	0.000	0.000	0.000	12.400
5/29/2018	1.520	0.091	0.262	1.872	2.159	55.038	0.000	0.000	11.865
5/30/2018	1.897	0.074	0.251	2.222	2.439	57.194	0.000	0.000	12.005

Monday, June 04, 2018

5/31/2018	1.494	0.093	0.286	1.873	2.019	59.237	0.000	0.000	11.228
Sum	51.195	1.984	8.204	61.383	65.575	1194.756	0.000	0.000	353.350
Avg	1.651	0.064	0.265	1.980	2.115	38.541	0.000	0.000	11.398
Min	1.284	0.023	0.182	1.637	1.847	0.000	0.000	0.000	9.801
Max	2.217	0.095	0.352	2.549	2.997	60.367	0.000	0.000	21.480



The City of Durant

Office of the Water Treatment Plant

Memorandum

Date: 6/4/2018
To: Utilities Authority
From: Phillip Hightower, Water Treatment Plant
Re: Water Treatment Plant Operational Reports - May 2018

Council Information / Action Requested

Information only.

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

ATTACHMENTS:

Description	Type	Upload Date
May 2018 Operational Report 1	Exhibit	6/4/2018
May 2018 Operational Report 2	Exhibit	6/4/2018
May 2018 Chlorite Report	Exhibit	6/4/2018
May 2018 Plant Project Schedule	Exhibit	6/4/2018

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 F
PWSID: 1010601
Month: May 2018
Population: 19,491

Durant City Utilities Authority

PO Box 578

Durant OK

74702

System

Address

City

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											
																		PRE	POST	RAW	FILT	RAW	FILT	RAW	FILT	RAW	FILT	RAW	FILT		RAW	FILT				RAW	FILT	RAW	FILT
1	3,996	24	23	23	24	24	24	24	24	70	1400	0	50	0	0	0	0	80	100			248	216		0.11	268	238	7.8	7.2	7.3	220	268	266	0.57	280				
2	4,146	24	24	24	24	24	24	24	23	70	1600	0	50	0	0	0	0	80	80			242	230		0.11	268	242	7.8	7.4	7.3	228	278	288	0.51	280				
3	4,193	23	24	24	23	24	24	24	24	70	2100	0	50	0	0	0	0	120	60			258	230		0.09	126	230	7.5	6.9	7	232	290	290	0.71	280				
4	4,174	24	24	24	24	23	23	24	24	63	2200	0	50	963	0	0	0	220	100			116	186		0.16	122	156	7.6	7.3	7.4	232	152	238	0.61	280				
5	4,032	24	23	23	24	23	23	24	24	136	2200	0	50	963	0	0	0	200	80			116	128		0.14	120	116	7.5	7.3	7.2	208	160	160	0.57	280				
6	3,984	24	24	24	24	24	24	23	23	60	2200	0	50	825	0	0	0	220	100			118	106		0.11	128	110	7.3	7.1	7.7	118	134	128	0.38	280				
7	3,978	24	24	24	24	24	24	23	23	70	2800	0	50	1100	0	0	0	160	80			120	100		0.1	126	106	7.5	7.5	7.6	104	130	124	0.43	280				
8	4,387	24	23	23	24	24	24	24	24	70	2300	0	50	963	0	0	0	280	100			116	106		0.12	128	106	6.8	7.1	7.4	108	134	158	0.47	300				
9	4,681	24	224	24	23	23	23	24	24	90	2700	0	50	1238	0	0	0	300	100			118	108		0.07	142	120	7.2	7	7	108	134	134	0.66	300				
10	4,041	23	23	23	24	24	24	24	24	90	2100	0	50	1100	0	0	0	200	100			124	106		0.07	268	98	7.4	7.2	7.7	112	128	120	0.57	360				
11	4,211	23	23	23	23	23	23	23	23	240	2800	0	50	0	0	0	0	180	120			274	176		0.16	288	234	7.9	7.5	7.2	114	280	204	0.66	360				
12	5,061	24	24	24	24	24	24	24	24		2600	0	50	0	0	0	0	140	110			268	226		0.08	272	224	7.8	7	7.4	176	272	270	0.71	360				
13	5,243	24	23	23	24	24	24	24	24	60	2200	0	50	0	0	0	0	100	80			260	228		0.18	272	230	7.9	7	7.2	220	268	276	0.71	360				
14	4,638	24	24	24	24	23	23	24	24	70	2400	0	50	0	0	0	0	100	60			258	224		0.07	260	220	7.8	7.2	7.4	222	260	268	0.66	320				
15	4,570	23	24	24	23	24	24	24	24	70	4600	0	50	0	0	0	0	200	60			220	224		0.06	250	216	7.8	7.4	7.4	220	242	256	0.66	300				
16	4,580	24	24	24	24	24	24	23	23	70	5000	0	50	1512	0	0	0	200	60			192	180		0.15	158	198	7.6	7.1	7.4	212	220	236	0.76	300				
17	4,614	24	23	23	24	23	23	23	23	210	4200	0	50	1650	0	0	0	190	60			144	158		0.2	150	134	7.3	7.3	7.5	204	182	210	0.57	300				
18	4,543	24	24	24	24	23	23	23	23	120	4700	0	50	1650	0	0	0	190	90			140	132		0.08	136	130	7.1	7.1	7.8	152	162	162	0.47	300				
19	4,599	23	24	24	23	24	24	24	24	60	3500	0	50	0	0	0	0	180	80			152	118		0.1	170	110	7.7	7.4	7.2	124	154	148	0.57	300				
20	4,630	24	23	23	24	24	24	24	24	70	3800	0	50	0	0	0	0	170	70			220	110		0.18	236	140	7.8	6.7	6.8	116	226	186	0.66	300				
21	4,615	24	24	24	24	24	24	24	24		3500	0	50	0	0	0	0	140	80			260	162		0.11	248	190	7.7	6.6	6.8	160	266	232	0.71	300				
22	4,922	24	24	24	24	23	23	24	24	69	3400	0	50	0	0	0	0	160	120			244	200		0.19	240	184	7.8	7	7	190	252	250	0.76	380				
23	5,199	24	23	23	24	24	24	23	23	140	3900	0	50	0	0	0	0	150	110			260	196		0.17	262	206	7.9	7.1	7.2	200	254	254	0.61	380				
24	5,243	23	23	23	23	24	24	24	24	140	3400	0	50	0	0	0	0	140	100			270	206		0.12	268	214	8.2	7.2	7.6	216	264	254	0.66	380				
25	5,526	24	24	24	23	24	24	24	24	30	3000	0	50	0	0	0	0	150	130			266	224		0.13	270	222	8	7.3	7.7	222	264	262	0.57	400				
26	5,026	24	23	23	24	23	23	24	24	140	3300	0	50	0	0	0	0	140	100			248	216		0.16	262	230	8	7.5	7.4	220	256	246	0.66	360				
27	5,004	24	24	24	24	24	24	23	23	70	2700	0	50	0	0	0	0	130	90			254	210		0.13	272	214	8.1	7.6	7.4	200	266	266	0.57	360				
28	4,999	23	24	24	23	24	24	24	24	70	2600	0	50	0	0	0	0	100	80			260	216		0.12	264	222	8.1	7.4	7.7	212	260	264	0.52	360				
29	5,139	24	24	24	24	23	23	24	24	70	2900	0	50	0	0	0	0	120	120			252	230		0.1	274	236	8.1	7.6	7.7	226	278	284	0.61	360				
30	5,168	24	23	23	24	24	24	24	24	70	4000	0	50	0	0	0	0	130	90			242	228		0.15	256	232	7.9	7.1	7.3	234	272	286	0.57	360				
31	5,178	24	24	24	24	24	24	23	23	70	5100	0	50	0	0	0	0	140	100			208	220		0.06	194	198	7.5	7.1	7	224	242	266	0.61	360				
TOT	144320				736	734	734	734	734	2628	95200		1550	11964				5010	2810			6468	5600		3.78	6698	5706	238	223	228	5734	6948	6986	18.76	10120				
Avg	4655							24	24	24	85		3071		50.00	386			162	91			209	181		0	216	184	7.7	7.2	7.3	185.0	224	225	0.605	#####			

Power Costs	\$13,168.58
Labor Costs	\$30,110.25
Chemicals	\$25,325.75
Supplies	\$1,971.10
Repairs	\$452.92
TOTAL	\$71,028.60

Cost per thousand Gallons \$ 0.49

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

Ave Wash Period (Minutes)

% Wash Water Used 1.82%

Ave. Head Loss for Washing

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

Signed

PhillipHightower

Title Water Treatment Plant Supervisor

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

Oper. Cert. No. B 90404

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

Durant City Utilities Authority

PO Box 578

Durant OK

74702

Plant: Durant Water Treatment F

PWSID: 1010601

Month: May 2018

Population: 19,491

System

Address

City

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										
																		PRE	POST	RAW	FILT	RAW	FILT	RAW	FILT	RAW	FILT		RAW	FILT				RAW	FILT	RAW	FILT	RAW	FILT
1	3,996	24	23	23	24	24	24	24	24	70	1400	0	50	0	0	0	0	80	100			248	216		0.11	268	238	7.8	7.2	7.3	220	268	266	0.57	280				
2	4,146	24	24	24	24	24	24	24	23	70	1600	0	50	0	0	0	0	80	80			242	230		0.11	268	242	7.8	7.4	7.3	228	278	288	0.51	280				
3	4,193	23	24	24	23	24	24	24	24	70	2100	0	50	0	0	0	0	120	60			258	230		0.09	126	230	7.5	6.9	7	232	290	290	0.71	280				
4	4,174	24	24	24	24	23	23	24	24	63	2200	0	50	963	0	0	0	220	100			116	186		0.16	122	156	7.6	7.3	7.4	232	152	238	0.61	280				
5	4,032	24	23	23	24	23	23	24	24	136	2200	0	50	963	0	0	0	200	80			116	128		0.14	120	116	7.5	7.3	7.2	208	160	160	0.57	280				
6	3,984	24	24	24	24	24	24	23	23	60	2200	0	50	825	0	0	0	220	100			118	106		0.11	128	110	7.3	7.1	7.7	118	134	128	0.38	280				
7	3,978	24	24	24	24	24	24	23	23	70	2800	0	50	1100	0	0	0	160	80			120	100		0.1	126	106	7.5	7.5	7.6	104	130	124	0.43	280				
8	4,387	24	23	23	24	24	24	24	24	70	2300	0	50	963	0	0	0	280	100			116	106		0.12	128	106	6.8	7.1	7.4	108	134	158	0.47	300				
9	4,681	24	224	24	23	23	23	24	24	90	2700	0	50	1238	0	0	0	300	100			118	108		0.07	142	120	7.2	7	7	108	134	134	0.66	300				
10	4,041	23	23	23	24	24	24	24	24	90	2100	0	50	1100	0	0	0	200	100			124	106		0.07	268	98	7.4	7.2	7.7	112	128	120	0.57	360				
11	4,211	23	23	23	23	23	23	23	23	240	2800	0	50	0	0	0	0	180	120			274	176		0.16	288	234	7.9	7.5	7.2	114	280	204	0.66	360				
12	5,061	24	24	24	24	24	24	24	24		2600	0	50	0	0	0	0	140	110			268	226		0.08	272	224	7.8	7	7.4	176	272	270	0.71	360				
13	5,243	24	23	23	24	24	24	24	24	60	2200	0	50	0	0	0	0	100	80			260	228		0.18	272	230	7.9	7	7.2	220	268	276	0.71	360				
14	4,638	24	24	24	24	23	23	24	24	70	2400	0	50	0	0	0	0	100	60			258	224		0.07	260	220	7.8	7.2	7.4	222	260	268	0.66	320				
15	4,570	23	24	24	23	24	24	24	24	70	4600	0	50	0	0	0	0	200	60			220	224		0.06	250	216	7.8	7.4	7.4	220	242	256	0.66	300				
16	4,580	24	24	24	24	24	24	23	23	70	5000	0	50	1512	0	0	0	200	60			192	180		0.15	158	198	7.6	7.1	7.4	212	220	236	0.76	300				
17	4,614	24	23	23	24	23	23	23	23	210	4200	0	50	1650	0	0	0	190	60			144	158		0.2	150	134	7.3	7.3	7.5	204	182	210	0.57	300				
18	4,543	24	24	24	24	23	23	23	23	120	4700	0	50	1650	0	0	0	190	90			140	132		0.08	136	130	7.1	7.1	7.8	152	162	162	0.47	300				
19	4,599	23	24	24	23	24	24	24	24	60	3500	0	50	0	0	0	0	180	80			152	118		0.1	170	110	7.7	7.4	7.2	124	154	148	0.57	300				
20	4,630	24	23	23	24	24	24	24	24	70	3800	0	50	0	0	0	0	170	70			220	110		0.18	236	140	7.8	6.7	6.8	116	226	186	0.66	300				
21	4,615	24	24	24	24	24	24	24	24		3500	0	50	0	0	0	0	140	80			260	162		0.11	248	190	7.7	6.6	6.8	160	266	232	0.71	300				
22	4,922	24	24	24	24	23	23	24	24	69	3400	0	50	0	0	0	0	160	120			244	200		0.19	240	184	7.8	7	7	190	252	250	0.76	380				
23	5,199	24	23	23	24	24	24	23	23	140	3900	0	50	0	0	0	0	150	110			260	196		0.17	262	206	7.9	7.1	7.2	200	254	254	0.61	380				
24	5,243	23	23	23	23	24	24	24	24	140	3400	0	50	0	0	0	0	140	100			270	206		0.12	268	214	8.2	7.2	7.6	216	264	254	0.66	380				
25	5,526	24	24	24	23	24	24	24	24	30	3000	0	50	0	0	0	0	150	130			266	224		0.13	270	222	8	7.3	7.7	222	264	262	0.57	400				
26	5,026	24	23	23	24	23	23	24	24	140	3300	0	50	0	0	0	0	140	100			248	216		0.16	262	230	8	7.5	7.4	220	256	246	0.66	360				
27	5,004	24	24	24	24	24	24	23	23	70	2700	0	50	0	0	0	0	130	90			254	210		0.13	272	214	8.1	7.6	7.4	200	266	266	0.57	360				
28	4,999	23	24	24	23	24	24	24	24	70	2600	0	50	0	0	0	0	100	80			260	216		0.12	264	222	8.1	7.4	7.7	212	260	264	0.52	360				
29	5,139	24	24	24	24	23	23	24	24	70	2900	0	50	0	0	0	0	120	120			252	230		0.1	274	236	8.1	7.6	7.7	226	278	284	0.61	360				
30	5,168	24	23	23	24	24	24	24	24	70	4000	0	50	0	0	0	0	130	90			242	228		0.15	256	232	7.9	7.1	7.3	234	272	286	0.57	360				
31	5,178	24	24	24	24	24	24	23	23	70	5100	0	50	0	0	0	0	140	100			208	220		0.06	194	198	7.5	7.1	7	224	242	266	0.61	360				
TOT	144320				736	734	734	734	734	2628	95200		1550	11964				5010	2810			6468	5600		3.78	6698	5706	238	223	228	5734	6948	6986	18.76	10120				
Avg	4655							24	24	24	85		3071		50.00	386			162	91			209	181		0	216	184	7.7	7.2	7.3	185.0	224	225	0.605	#####			

Power Costs	\$13,168.58
Labor Costs	\$30,110.25
Chemicals	\$25,325.75
Supplies	\$1,971.10
Repairs	\$452.92
TOTAL	\$71,028.60

Cost per thousand Gallons \$ 0.49

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

Ave Wash Period (Minutes)

% Wash Water Used 1.82%

Ave. Head Loss for Washing

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

Signed

PhillipHightower

Title Water Treatment Plant Supervisor

DEQ Form # 630-577A

Revised 9/1/2000

Oper. Cert. No. B 90404



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: May Year: 2018

3. Analytical Results & Summary Information:

Entry Point Monitoring			Chlorine Dioxide Daily Monitoring (Summary Type: CLO2)					
Day	ClO ₂ (mg/L)	Chlorite (mg/L)						
1	0.11	0.57	Number of Samples Required:					
2	0.11	0.51	Number of Samples Collected:					
3	0.09	0.71	Was All Chlorine Dioxide Monitoring & Reporting Completed? Yes / No					
4	0.16	0.61	Number of ClO ₂ samples exceeded the MRDL of 0.8 mg/L?					
5	0.14	0.57	If a routine sample exceeds the MRDL, the system is required to take (3) three more samples the next day.					
6	0.11	0.38	Chlorite Daily Monitoring (Summary Type: CLO2)					
7	0.1	0.43	Number of Samples Required:					
8	0.12	0.47	Number of Samples Collected:					
9	0.07	0.66	Was All Chlorite Monitoring & Reporting Completed? Yes / No					
10	0.07	0.57	Number of Chlorite samples exceeded the MCL of 1.0 mg/L?					
11	0.16	0.66	If a routine sample exceeds the MCL, the system is required to take (3) three more samples the next day.					
12	0.08	0.71	* If you didn't use Chlorine Dioxide for disinfection any day this month, please mark "n/a" in that day's box to prevent a Monitoring violation.					
13	0.18	0.71						
14	0.07	0.66						
15	0.06	0.66	Routine Chlorite Monthly Monitoring in Distribution System					
16	0.15	0.76	Sampling Location	Lab Sample ID	Sampling Point ID	Collection Date	Certified Lab ID	Chlorite (mg/L)
17	0.2	0.57	Near 1st Customer					
18	0.08	0.47	Avg. Residence Time					
19	0.1	0.57	Max. Residence Time					
20	0.18	0.66	Monitoring Period Average:					
21	0.11	0.71	Mark (X) if analytical results were reported electronically: _____					
22	0.19	0.76	- 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.					
23	0.17	0.61	- If more than one three-sample set was collected, attach additional copies of this form.					
24	0.12	0.66						
25	0.13	0.57						
26	0.16	0.66						
27	0.13	0.57						
28	0.12	0.52						
29	0.1	0.61						
30	0.15	0.57						
31	0.06	0.61						

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 May 2018 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. Pumped out vault at So. 9th pump station
16. Repaired new plant rapid mixer
17. Mowed CG pump station and high service pump station
18. Attended license renewal classes
19. Check and maintain fluid levels on trucks and mower
20. Mowed Plant grounds
21. Weed eaten Plant grounds
22. Welded hinge back on main gate to plant
23. Replaced radiator in 4x4 pickup
24. Repaired AC in Chevy Colorado
25. Received rebuilt 450 hp motor from Evans Motors
26. Treated 144,320,000 gallons of water

B. Work Planned for January-December

1. Paint buildings
2. Install rebuilt motor at High Service
3. Finish covering up valves at Chuckwa Tower
4. Put Gravel at Chuckwa Tower
5. Put Gravel at Raw Pump Station

Approx Start/Finish Date

Time permitting
When it is recieved
Time Permitting
Time Permitting
Time Permitting

C. Projects Planned and Requested for Authorization

- A. Upgrade raw pump building at the water plant
- B. Upgrade Scada system on Old and New Plant Filters
- C. Install new Fluoride System