

Water Department
June, 2018
Monthly Report

Operational

1. The plant operated throughout the month and complied with all state and federal requirements for water quality and reporting.
2. All distribution system flows and pressure needs, for both fire protection and the water customers, were met.

Maintenance and Improvements

1. The staff performed all required preventative maintenance during the month.
2. Elkhead work by the staff this month consisted of routine maintenance and inspections.
3. The Lead & Copper sampling was completed this month. The results of the analysis on all samples have been sent to us by the lab, and the city's water system is in compliance with the L&C Rule. Another round of sampling will be done during the months of August and September.
4. Anson Excavating started the water main replacement project this month. They worked on replacing the water mains on Country Lane and at 9th Street and the Hospital entrance road/along the HWY 13 bypass road. The water department assisted with this project by getting all the parts and materials ordered and ready for Anson to install them. The staff also installed overland water services on Country Lane so these customers would still have water while the water main was being replaced. The Country Lane water main was replaced by the end of the month. The city then performed all required water quality testing to make sure the main was ready to be put into service.
5. The staff continued to work with RFC this month on the water and sewer rate study, and strategic planning.
6. The staff continued to assist or work with other city departments, vendors, customers, and contractors as needed. The staff also worked on building and grounds maintenance, equipment repair, and the cross connection control program.

Distribution System Operation/Maintenance

1. There were 56 line locates requested and completed this month. This required approximately 38.0 man-hours to complete.
2. All work orders, meter readings, meter tech appointments, distribution of nonpayment door hangers, and service line inspections requested or scheduled were completed.
3. Miscellaneous water department work by the staff this month included; tested several city backflow devices, completed 26 final meter reads, completed 51 service turn offs/ons, and repaired 5 meters/MXU's.
4. The staff replaced 4 curb stops and risers during the month.
5. There were 7 water main breaks that were repaired by the staff during the month.

6. The staff was able to perform their regularly scheduled work on the distribution system, bulk water sales stations, and equipment maintenance during the month. They were able to assist contractors, other city departments, and complete all emergency assignments as required.

Water Production Statistics

Effluent Total Flow	92,691,000 gallons	Total Chemical Cost	\$21,760.11
Backwash Total Flow	2,341,800 gallons	Total Chemical Cost/MG	\$ 228.97
Total Flow	95,032,800 gallons	Alum & Ash Cost/Mg	\$ 119.85

(Backwash Flow % of Total = (2.53%))

The Craig Municipal Water Treatment Plant utilizes water rights for municipal use. These included direct flow diversions from the following:

Craig Irrigation Ditch
Fortification Creek Ditch

Deep Cut Ditch
Craig Water Supply System

Monthly Report

Wastewater

June 2018

A. Treatment – Operation:

1. Operated treatment plant to comply with State and Federal regulations.
2. Performed daily, weekly, and monthly maintenance as recommended in the manufacturer's manuals.
3. Treated average of 826,000 gallons/day of wastewater.
4. Received and treated 6,525 gallons of hauled waste.

B. Collection – Operation:

1. 49 man hours used to perform 76 line locates.
2. 24 man hours used to hydraulically clean 3,575 feet of sewer main as part of routine (every 5 weeks) maintenance.
3. 29 man hours used to hydraulically clean 7815 feet of sewer main as part of an Annual Cleaning Program.

C. Collection – Correction

1. 2 man hours used to respond to a backup complaint at 347 Clay. The basement tub wasn't draining. We inspected the sewer main and found it to be flowing. We hydraulically cleaned the main for good measure and found a small blockage. The homeowner's basement tub was able to drain. No damage occurred to residence.
2. 1 man hour used to respond to a backup complaint at 635 Rose St. The homeowner reported slow draining in their house. We inspected the sewer main and it was flowing well. We hydraulically cleaned the sewer main for good measure but encountered no obstructions. Determined to be homeowner's issue.
3. 1 man hour used to respond to a backup complaint at 911 Lincoln. Homeowner reported water coming out of basement drains and into home. The sewer main was inspected and found to not be flowing well. We hydraulically cleaned the main and released a blockage. Drainage was restored in residence. Damage inside of residence was witnessed and reported. This portion of the sewer main is a known trouble spot and was last cleaned three weeks prior to this backup, as part of a normal five week cleaning program.

D. Other:

1. Assisted other departments as needed.
2. Assisted local plumbers as needed.
3. Analyzed Maybell's Wastewater Plant monthly samples.