



925 S. Main Street
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MEMORANDUM

Public Works

Date: August 27, 2024

To: Mayor Jackola and City Council
From: Jason Williams, Public Works Director
Subject: City Manager's Report – September 2024

A. Collections (Sanitary-Storm):

- Mowing
 - Mowing in collections system R.O.W.'s is down to maintenance as needed.
- Manholes:
 - Working on list for manhole rehabilitation to be completed.
- Sewer Mains:
 - Two sewer mains were found plugged.
 - Cleaned 1050 Feet and Video Inspected 270 Feet of sanitary sewer main line.
 - Identified unmapped sanitary sewer wildcat main line and added it to the mapping system.
 - Flushed low flow, dead end sewer mains.
- Sewer Laterals:
 - Abandoned sanitary lateral at 390 W. Maple Street.
 - Assisted 3 customers with sewer lateral issues.
 - Video inspected 1055-feet of sanitary sewer laterals.
 - Installed 0 cleanouts.
 - Conducted 2 sewer lateral replacement investigations.
 - Located 9 sewer laterals.
- Storm:
 - Cleaned drywells on East side of town.
 - Continued ditch maintenance along Burkhart Creek.
 - Investigated storm line near Safeway that has had continual flooding issues.
 - Worked with contractor on a lateral replacement program job.
 - Assisted engineering with locating a sewer main for planned development.
 - Reviewed pre-plans for two new construction projects.
 - Monthly equipment checks and maintenance completed.
 - Cleaned River Park RV Dump Station holding tank, checked operation of the pump.
 - Checked Gill's Landing Pump Station.
 - Repaired irrigation leak at River Park

B. Parks:

- Opened, closed, and cleaned parks restroom buildings daily.
- Mowing full time.

- Crews continued vegetation management.
- All parks and trails system garbage's checked daily and emptied.
- The trail system is cleaned weekly of leaves and other debris.
- There has also been an increase in daily vandalism and trash pick-up which has increased the amount of time it takes crews to clean restrooms and complete trash pick-up.
- Gills Landing
 - There were 116 RV park reservations for the month of August.
 - There were 34 shelter rentals for the month of August.

C. Streets:

- 4 – days were spent sweeping.
- Installed and removed street banners for public events.
- Prepared barricades and signs to be picked up by special event holders.
- Sprayed trails, parks, and ROWs for vegetation management.
- Daily watering of hanging baskets and filling of tree bags
- Burned in thermal crosswalks, turn arrows, school zones, and railroad crossings.
- Prepped yellow curbs for repainting.
- Crews replaced street signs / posts that had been damaged, graffitied, or were faded.
- Installed new “No Parking” signs / posts / v – locks on Elemore Street by Queen Ann Apartments.
- Responded to garbage clean-ups on roadway.
- Graded gravel roadways, alleys, and shoulders of roads and filled potholes throughout town.
- Sawcut and potholed utilities for new traffic light project at Stoltz Hill and Airport Road.
- Mowed alleys and ROW's.
- Assisted additional departments:
 - Responded to 3 - water leaks.
 - Responded to 2 - sewer plugs.

D. Wastewater Treatment Plant:

- The Lebanon WWTP was in full compliance with our NPDES permit for July 2024.
- Influent flow for the month of July averaged 1.76 MGD with a peak of 2.06 MGD and a total of 54.65 MG
- Started biosolids field application to Morgan's field (only field this summer) and continued Belt Filter press operations to manage solids with the assumption of no more fields this summer
- Pulled L-53 for rebuild and installed 75hp Hurricane
- Failed VFD on WIPS pump #2 replaced with new VFD
- An operator passed his lv2 Wastewater Certification Exam and promoted to lv2 Operator

E. Water:

- Meter reading was completed.
- Daily water service orders including leak checks, locates, taste and quality issues, water samples and other customer concerns continue.
 - Followed up on water concerns and completed sample testing requested by citizens.

- Completed state water samples.

F. Water Treatment Plant:

| Production | |
|---------------------------------------|-----------|
| Monthly Water Use (Intake Flow Meter) | 197.98 MG |
| Finish Water Produced | 102.68 MG |
| Water Sent to Cheadle Lake | 82.67 MG |

| Water Quality | | | | | |
|--------------------|--------------------|------------------------|---|--------------------|------------------------|
| Finish Chlorine | | | CT Basin Turbidity | | |
| Min > 0.20 mg/L | Max < 4.00 mg/L | Average ~ 1.00 mg/L | Min | Max < 1.000 NTU | Average |
| 0.66 | 1.37 | 1.18 | 0.013 | 0.025 | 0.014 |
| Finish pH | | | Filtrate Fluoride (Average of Each Day) | | |
| Min > 7.00 pH | Max < 9.00 pH | Average | Min | Max < 4.00 mg/L | Average ~ 0.70 mg/L |
| 7.40 | 8.01 | 7.71 | 0.00 | 0.00 | 0.00 |

- Performed recovery cleans with specialize chemicals to help membrane performance
- Prepped for membrane installation
- Pressure washed intake structure