

Second Quarter Serwer report

March

For the month of March the sewer department completed 157 locates along with the repeated daily task of recording reading for wells and lift stations.

3-09-2026. Started clean-up on huge tree that blew over and damaged the security fence at our regional lift station. Had several issues with the backhoe during the cleaning up process but were able to get back on track.

3-16-2026. Finished up with all the clean-up at regional and also finished the fence repair.

3-18-2026. Raised manhole 8" at 800 Bent Tree court had to hand dig everything due to excessive number of buried utilities. Raised Manhole 10" at 485 Eagle Rock court.

3-19-2026. Raised manhole B-078 at Z Hwy and Pheasant 6".

3-20-2026. Raised manhole B-051 6" and drove in 3 T-Post to hopefully keep mowers from hitting it in the future. This manhole is going on a list for future relining as H2S has damaged the concrete.

3-23-2026. Raised manhole B-064 4" at Eagle lane and Park Estates and drove in 3 T-Post to keep mowers from hitting it. Raised manhole B-068 4" and tore out approximately 12 feet of cracked concrete sidewalk. Assisted the parks department with fixing a leaking pressure tank.

3-24-2026. Fixed a chlorine leak at Willard water well #2 and fixed another chlorine leak at the meadows well #2.

3-25-2026. Raised manhole B-134 4" at 108 Fall Creek, it was discovered that there was no ram neck seal on the manhole and the pick holes had not been filled. All this has been fixed, and it is now water tight.

3-25-2026. Raised manhole B-050 6" and drove in 3 T-Post to keep mowers from hitting it. The surrounding area around the manhole needed significant cleanup due to vines and small trees. At this location we also straightened, reset, concreted and marked the access pipe to one of our water valves.

3-26-2026. Raised manhole B-083 4" and did significant dirt work to stop water from pooling around the manhole, after this was done we strawed and seeded the area.

3-30-2026. Raised manhole B-077 4" at 200 Eagle, had to hand dig everything due to excessive number of buried utilities.

3-31-2026. Raised manhole B-089 4" at Long and Sparrow, had to hand dig everything due to excessive number of buried utilities.

April

4-1-2026. Diagnosed the lighting issue at the Regional lift station pump pit, got the parts and fixed the issue.

4-2-2026. Fixed a broken door on the cover for our B lift station pump cover.

4-3-2026. Had to call Missions after repeated discrepancies with our chlorine monitoring system, at this point we are still working on the issue.

4-6-2026. Started instillation of new manhole R-019.5 at 212 South Main Street. An existing sewer maintenance issue had happened in this lamp hole location previously, prompting the need for a new manhole to provide access to the sewer main. Area was excavated to a depth of 8 feet to accommodate a new dog house manhole. Once the line was excavated it was discovered the lamp hole tie in was not only an I&I issue, it was also leaking sewer effluent out. This was all cut out and fixed before the first section of manhole was installed. Inverts were poured and pipe penetrations were sealed with hydraulic concrete; the new section of pipe was cut to allow Jetter access. Subsequent sections were installed with ram neck for water sealant and hard foam traffic rated riser rings were put in to ensure that the manhole frame and lid were level with road and pitch.

4-7-2026. We jetted and camed the sewer line on Dawn Dee to make sure that the nursing home was definitely on its own line; and it definitely is. The reason for this is because of all the debris (needles, wipes, bedsheets, mop heads, nasal cannulas) that are clogging up the pumps in our B lift station. This has cost the City greatly in labor cost alone not to mention the cost of a new pump (\$30,000 to be conservative).

4-10-2026. After the rain we went back on all the previous manhole projects and filled in the low areas with topsoil, where needed we spread grass seed.

4-13-2026. At new manhole R-019.5 on 212 South Main Street we went back and sealed all interior joints with hydraulic concrete.

4-14-2026. Tore out several sections of sidewalk on Wren and Pheasant in preparation for new sidewalk and to lower manhole.

4-16-2026. Lowered manhole B-069 at 221 pheasant to accommodate new section of sidewalk to be poured. This manhole previously had been sticking up to high in the sidewalk and could have been a potential trip hazard.

4-17-2026. Lowered manhole B-065 at 206 Eagle to accommodate new section of sidewalk to be poured. This manhole previously had been sticking up too high in the sidewalk and could have been a potential trip hazard.

4-20-2026. Due to the rain we have been experiencing we have started pulling manhole covers for wet weather inspections. We also started consolidating parts at 94 lift station for future (I hope none) breaks on the force main; in doing this we found some deficiencies, so these parts are now on order.

4-21-2026. Started brush hogging at our lagoons and weed eating the interiors of our wells and lift stations. Had a meeting at Allgeier Martin at their Springfield office to discuss flow monitors and I&I reduction strategies.

4-22-2026. Raised manhole R-005 2" at Hwy AB and Ridgeview and dug out approximately 30 feet of sunk in roadway on the north side of the road. We filled in the area with shot rock and capped it off with 6 inches of base rock. At a later date this area will be concreted over for a smoother access to Hwy AB.

4-23-2026. Helped the water department finish up a water leak on 644 Pershing. Redressed the base rock on the manhole project on Ridgeview and Hwy AB.

4-24-2026. Trimmed broken tree limbs at 805 State Hwy AB that were damaged from fixing a previous water leak. Started weed eating the interiors of all lift stations and wells. Did prep work on new connecting manhole to be installed at Ridgeview and Main.

4-27-2026. Reset knocked off storm sewer frame and lid East of Hoffman Hills Boulevard and Stone Creek, reset with new ram neck as lid was originally set with none. Went with Marmic fire protection to check all wells lift stations and the shop for extinguishers and to make sure they were up to date.

4-28-2026. Did all the prep work for the manhole project at Ridgeview and Main.

4-29-2026. Did manhole inspections and found multiple I&I issues including two major groundwater (50-100 gallons a minute) leaks into the system on King and Ash Avenue.

4-30-2026 to 5-4-2026. Worked on manhole project at Ridgeview and Main. Changed out the inner workings of a malfunctioning air release valve on the force main that runs from our 94-lift station to Springfield.

5-5/6-2026. Continued working on the manhole project at Ridgeview and Main.

5-7-2026. We finished the new manhole installation at Ridgeview and Main that will connect up two dead end lines. We now have a new access point to jet out clogged sewer mains on Ridgeview. As this was a very deep dig, the affected area will have to settle for 60-90 days before the streets crew can come in and permanently seal the road surface. In the coming days after any settling we will have to go back and grout the inner

manhole sections with hydraulic cement. The project though very difficult and time consuming turned out perfect.

5-8-2026. Redressed the Manhole road cut at Ridgeview and Main with fresh rock and grouted the interior sections with hydraulic concrete. Measured and ordered all the manhole components for 616 and 713 Barwick. This will replace the lamp holes in this area and let us have camera and Jetter access points in this line.

5-11-2026. Grouted rings at the new manhole at Ridgeview and Main with hydraulic cement.

5-12-2026. Did one half of the yearly Fats, Oil and grease trap inspections for area restaurants and businesses. Raised buried manhole at the dead end of Baird Court fore inches. Raised manhole south of the pool on Stone Creek Rd eight inches.

5-13-2026. Helped the streets department pour the road patch at 708 Main around the new manhole instillation. Helped the water department fix a water leak at 306 New Melville . Continued Fats, Oil and Grease inspections.

5-14-2026. Helped the water department fix a water leak that was caused by a road bore on farm rd 99. Dug up by hand a manhole that will need to be raised four inches at Osage and Summit. Still working on Fats, oil and grease inspections.

5-15-2025. Cleaned grease out of our B and D lift stations, this amounted to roughly a backhoe bucket full. Raised the manhole at the corner of Osage and Summit four inches.

5-18-2026. Used camera to look at multiple lines on King and JFK, wasn't able to find a clear source of I&I on JFK due to the fact that we only have 500 feet of cable on our camera. This will be rectified once we install two manholes on JFK. Did lift station training for multiple employees.

5-19-2026. Worked on removing debris that were clogging D lift station. Adjusted and fixed broken probe holder at D lift station.

5-20-2026. Redressed the manhole and new sewer mains at Ridgeview and Main with fresh rock after it was sunk in by the recent rains. Organized recently acquired sewer supplies at the lagoons.

5-21-2026. Removed and rebuilt a broken leaking air relief valve at regional lift station. Gave sewer trucks a deep cleaning and swapped trucks with the water department. Unloaded and staged two pieces of eighteen-inch C-900 water pipe at the lagoons.

5-22-2026. Fixed a clogged sewer main south of King and JFK. Helped take down and remove the old Willard City Hall sign.

5-26-2026. Fixed a massive I&I intrusion (1.5 million gallon a month) at 200 King.

5-27-2026. We built a staging area at the lagoons for manhole storage for future projects. We straightened up the public workshop and organized the sewer supplies.

5-28-2026. Manhole inspections in the meadows. We found too many problems to list; at the meeting I will present a map to showcase these issues.

5-29-2026. Manhole inspections in the meadows, this resulted in finding out contractors had hooked up to our system for a new subdivision, and ground water was pouring into the system causing a 25,000-gallon overflow at our meadows west lift station. This has all been reported to DNR.

6-1-2026. Did manhole inspections in the meadows.

6-2-2026. Did massive amount of locates and helped prepare the water tower to be sandblasted and drained.

6-3-2026. We reset the leaking frames and lids for manholes B-161 and B-162 on Stella court. We again redressed the rock on Ridgeview and Main at the manhole and sewer line extensions.

6-4-2026. Ran sewer camera up the line to the east of manhole M-061 in Villa Park. We found multiple defects and a huge I&I issue with a broken sewer main that we will have to dig up and fix.

6-5-2026. Wrote up an amended SOP with map for the shutting down and draining of the meadows water tower, plus repainted all the valves necessary for this to happen. Started manhole assessments in the meadow's subdivision.

6-8-2026. Finished manhole assessments in Meadow's subdivision.

6-(9-12)- 2026. Camera work for main lines in Villa Park subdivision.

6-(15-18)-2026. Camera work for main lines in Meadow's subdivision.