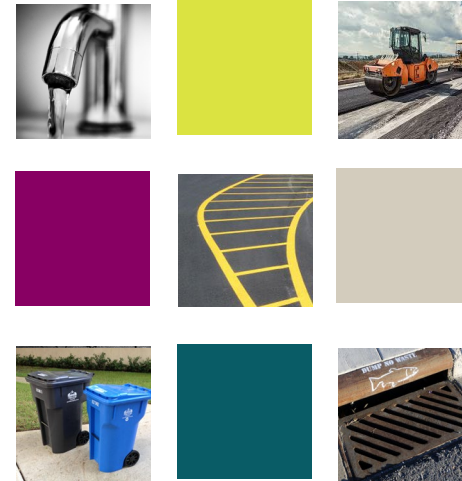


Public Works – 2023 Report



What we do

- Streets

- 137 miles of public streets – pot holes and utility repairs
- 4 traffic signals, 1 pedestrian HAWK signal
- Snowplowing – 20-ish plows
- Traffic calming – PD coordination, data collection/review
- 2,200 street signs – install/repair
- Curb and street painting
- Tree trimming – coordinating on roadside encroachment
- Fleet/equipment management (~35 vehicles, 4 pieces of large equipment, small tools/equipment)
- Testing subgrade for new subdivisions
- Curb/sidewalk repair/replacement –coordination and inspection
- Miscellaneous tasks – support other departments, small projects



What we do

- StormWater
 - ~310 miles of storm and land drain pipes – inspecting, cleaning, repairs
 - Street sweeping
 - Manage Kaysville City's MS4 Permit with the State and EPA
 - Training of all City staff on stormwater requirements
 - Stormwater sampling
 - IDDE with State and County
 - Annual reporting
 - Contractor assistance and education
 - Garbage can maintenance/delivery/storage
 - Davis County StormWater Coalition



What we do

- Water

- ~165 miles of drinking water pipes – maintenance and repairs
- 7 tanks (8.5 million gallons) – 1 billion gallons per year, ~2 to 3 days of storage
- 3,600 valves
- 1,700 fire hydrants
- ~9,000 service lines and meters, AM network
- 6 chlorine monitoring stations
- 3 large pump houses
- 28 PRVs (9 pressure zones)
- 55 air vacs
- ~600 backflow assemblies
- Compliance/water quality – reporting, training, daily sampling/monitoring, system security, flushing hydrants



What we do

- Engineering and inspection
 - Plan review and coordination for City utilities on proposed developments
 - Construction inspection and oversight
 - Residential and commercial repairs
 - New construction
 - Street cuts
 - City projects
 - Design and coordination on plans and bids for City projects
 - Interdepartmental coordination
 - Plat review
 - Resident questions and coordination



How we do it

- Streets
 - 4 full time staff
 - Funding- Class C funds, active transportation option, road fee, general fund
- StormWater
 - 5 full time staff
 - Funding- SWUtility Fund
- Water
 - 8 full time staff
 - Funding- Water Enterprise Fund
- Engineering and Inspection
 - 2 full time staff
- Other
 - Public Works Admin, Operations Manager



Of note last year

- StormWater

- Over 500 miles of street sweeping – 200 tons – New sweeper
- Cleaning underground pipes – 175 tons – New vac truck
- Managed SWPPPs for all applicable construction sites
- 2,000 can deliveries
- Orchard Ridge

- Water

- Sampling, flushing, monitoring
- ~130 leak repairs – continued increases
- 400 Wwaterline replacement
- Upcoming project designs
- Service line inventories
- Evaluating source redundancy



Of note last year

- Streets

- Snowplowing - 18,000 miles, 8,000 hours, 4,100 tons of salt
- Completion of the WDC Connector and trails
- Burton Ln roundabout
- Sidewalk repairs
- 600 tons of pothole repairs
- 100 tons of crack sealing



Challenges

- Staffing – turnover and dealing with outside offers, loss of institutional knowledge
- Aging infrastructure – strategic and long range planning
- Aging equipment – making strides
- Supply chain issues
- Inflation
- Contractor availability
- Increasing State and Federal regulations
- Keeping up with growth



Critical needs

- Water –
 - Sampling/monitoring
 - Chlorine residuals – temps, cul de sacs, area entities
 - New federal regulations – UCMR/PFAS, lead and copper surveys
 - Skyrocketing costs – 200 Nreplacement canceled
 - Flushing
 - Leaks
 - Cleaning/inspecting PRVs and air vacs
 - Getting creative – inspectors, mapping, other departments

