

PUBLIC WORKS

2022 MUNICIPAL
WASTEWATER PLANNING
PROGRAM ANNUAL REPORT



City Council - April 18th, 2023



2022 Municipal Wastewater Planning Program Annual Report

Purpose for this session discussion

- Approve resolution to provide Division of Water Quality (DWQ) information in MWPP report

Purpose of 2022 MWPP survey report

- Annual Survey of sewerage systems and wastewater treatments for DWQ to summarize and evaluate technical, operational, and financial conditions.



Financial Report

Collection System Projects

- The estimated cost for capital projects over the next 5 years is \$7,064,821
- The estimated cost for capital projects over the next 10 years is \$12,977,600
- The estimated cost for capital projects over the next 15 years is \$18,759,032
- The estimated cost for capital projects over the next 20 years is \$21,913,251





COLLECTION SYSTEM



Collection System information

- The City's collection system began in 1935 and much of that system is still being used today
- The City's collection system contains 148.9 miles of gravity sewer line and 14 sewer lift stations
- In 2022 the City added 86 residential sewer connections and 117 commercial sewer connections



Mechanical Plant

City Wastewater Treatment Plan Capacity and daily averages for 2022:

- Flow:
 - 6.79 MGD capacity
 - 3.7 MGD average
- BOD load:
 - 20,140 lbs capacity
 - 9,959 lbs average
- TSS Load:
 - 10,293 lbs capacity
 - 3,172 lbs average

The Wastewater Treatment Plant had 4 violations reported to the Division of Water Quality





Staff Recommendation

- Approve resolution adopting the Springville City's 2022 Municipal Wastewater Planning Program Annual Report

PUBLIC WORKS



QUESTIONS



2020 Municipal Wastewater Planning Program Results

Funding Sources

- 90% User Fee

Avg Utility User Fee - \$40/month (averaged by Utility)
- \$30/month (weighted by population)

- 70% Impact Fees

Avg Utility Impact Fee - \$3,361 (Median approx. \$2,600)

- 17% Taxes

Avg Utility Tax used to fund - \$2.182 million