Three Sections of MWPP Survey

1. Financial Planning (Engineering Section)
2. Utah Sewer Management Program (UAC R317-801.)
3. Certification of Wastewater Works Operators (UAC R317-10)
Survey Groups

Collections
Collections & Treatment
Small Lagoons
Treatment

Total 154
Total Treatment 89
2021 MWPP Survey

- 30 less respondents than 2020 (154 Facilities)
- 71% of Mailing List (Mailing List 218)
- Qualtrics Software
- Municipal Wastewater
- Year to Year comparisons
- Financial Planning
- Improved Operations

> Asset Management
MWPP Survey Coverage

- 47 of 68 UPDES Permits (69%)
- 42 of 100 Operating Permits (42%)
- Survey Population 4,297,816
  - Utah population est. 3.34 million
- Connections (or ERUs) 1,141,820
- 154 Collection/Treatment Systems
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


Source of Revenue

27 ------------ User Fee (only)

2 ------------ Impact Fee (only)

83 ------------ User Fee/Impact Fee

2 ------------ User Fee/Tax Revenue

21 ------------ User Fee/Tax Revenue/ Impact Fee

135 ------------ Total (based on data reported)
2020 Sanitary Sewer Overflows (SSO)

**Class I**: An SSO not caused by a private lateral obstruction or problem that:
- affects > 5 private structures;
- affects ≥ 1 public, commercial, or industrial structures
- result in a public health risk
- exceeds 5,000 gallons
- discharges to waters of the State

**Class II**: An SSO that does not meet the Class I SSO criteria

Class I – 8 
Class II – 57
2020 New Sewer Hookups

New industrial/commercial Hookups
1,603

New residential Hookups
27,957
Financial Section Questions

There are about 45 questions that query how well facilities are prepared for continuous operations at a high level of service.
Part II Operating Revenues and Reserves

Are projected sewer revenues sufficient to cover OM&RR costs for the next five years?

- Yes: 116
- No: 34
- No Response: 4

Has a repair and replacement sinking fund been established for the sewer system?

- Yes: 90
- No: 59
- No Response: 5

There were 154 total survey responders.
Part II Operating Revenue and Reserves

Is the repair & replacement sinking fund sufficient to meet anticipated needs?

Yes: 72
No: 77
No Response: 5

Are sewer revenues sufficient to cover all costs of current capital improvements projects?

Yes: 43
No: 106
No Response: 5
Has a Capital Improvements Reserve Fund been established to provide for anticipated capital improvement projects?

- Yes: 109
- No: 40
- No Response: 5

Are projected Capital Improvements Reserve Funds sufficient for the next five years?

- Yes: 84
- No: 65
- No Response: 5
Part III Capital Improvements Revenues and Reserves

Are projected Capital Improvements Reserve Funds sufficient for the next ten years?

Are projected Capital Improvements Reserve Funds sufficient for the next twenty years?
Part IV Fiscal Sustainability Review

Have you completed a Rate Study within the last five years?

Have you completed an Impact Fee Study in accordance with UCA 11-36a-3 within the last five years?
Part IV Fiscal Sustainability Review

Have you updated your Capital Facility Plan within the last five years?

- Yes: 43
- No: 106
- No Response: 5

Do you use an Asset Management system for your sewer systems?

- Yes: 53
- No: 95
- No Response: 6
Part IV Fiscal Sustainability Review

Do you know the total replacement cost of your sewer system capital asset?

- Yes: 65
- No: 82
- No Response: 7

Do you fund sewer system capital improvements annually with sewer revenues at 2% or more of the total replacement cost?

- Yes: 54
- No: 93
- No Response: 17
## Capital Improvement Projects (2020)

### How Many Projects?

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<tr>
<th></th>
<th>’21–’25</th>
<th>’26–’30</th>
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<td>0 to $1 M</td>
<td>37</td>
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<td>8</td>
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2021 – 2025 Capital Plans

Total Capital Plans
$2,722,908,247

- SALT LAKE CITY WRF
- SALT LAKE PUBLIC UTILITIES
- MT. OLYMPUS IMP. DIST.
- GRANGER-HUNTER IMP. DIST.
- TIMPANOGOS SSD
- NORTH DAVIS SD
- EAGLE MOUNTAIN CITY
- CENTRAL VALLEY WRF
- SPANISH FORK CITY
- SNYDERVILLE BASIN WRD
- PROVO CITY
- CENTRAL WEBER SID
- SOUTH DAVIS SEWER DISTRICT - NORTH
- All Others
Projected Capital Improvement

Projected Costs for CIPs

$0.00
$500,000,000.00
$1,000,000,000.00
$1,500,000,000.00
$2,000,000,000.00
$2,500,000,000.00
$3,000,000,000.00

2021-2025
2026-2030
2031-2035
2036-2040
Harry Campbell
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