

Purpose of the Presentation

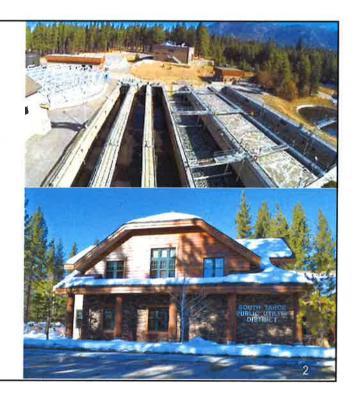
Overview of cost based rate setting approach Review Revenue Requirement results

- Multiple scenarios were explored
 Review Cost of Service results
- Basis for proposed rates
 Review preliminary proposed water and sewer rates
- Rate designs are based on 5% annual adjustment for both water and sewer

Gain feedback from the Board to move finalize the rate study analyses

- Rate Transition Plan
- Proposed Rates

Next steps

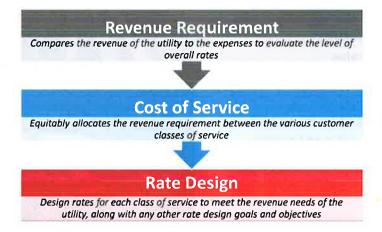


Proposition 218 – Setting Cost-Based Rates

- A constitutional amendment designed to protect taxpayers by limiting the methods by which local governments can create or increase taxes, fees and charges without taxpayer consent
- Proposition 218 is not prescriptive in defining a "cost-based" rate
- In part, Proposition 218 requires
 - Fees shall not exceed the reasonable cost of providing the service
 - Fees shall not exceed the proportional cost of providing the service
- Cost of service analysis results (<u>unit costs</u>) are the foundation of the proposed rates
 - Nexus between cost (fixed / variable) to provide service (expenses) and rates (fixed / variable) charged (revenues)

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Developing Cost-Based Rates



Overview of the Revenue Requirement

Compares utility revenues to expenses

 Determines the level of revenue (rate) adjustment necessary

Uses prudent financial planning criteria

- · Adequate funding of renewal and replacements
- Maintaining sufficient ending reserve balances

Reviews a specific time period

Typically a five to ten year period

Utility is analyzed on a "stand-alone basis"

- No transfer of funds from other District funds
- Rates need to support operations and capital

Utilizes the "cash basis" methodology

Generally accepted method for municipal utilities

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Revenue Requirement – Policy Discussion

Meeting Financial Policies

- Debt service coverage ratio
- · Target ending reserve balance
- Methodology and approach
- Use of long-term deb

Prudent Funding of Annual Renewal and Replacement

- Annual depreciation expense
- Future replacement needs

Long-Term Financial Sustainability

Levels of Service

- · Projection of future 0&N
- Additional programs/practices
- Capital infrastructure needs

Proper Use of Growth Related Fees

- Growth projects
- Growth debt service payments

Overview of the Cost of Service

What is cost of service?

 Analysis to equitably allocate the revenue requirement to the customer classes of service

Why cost of service

- Generally accepted as "fair and equitable"
- · Avoids subsidies
- · Revenues reflect costs
- Meets the proportionality requirements of Proposition 218

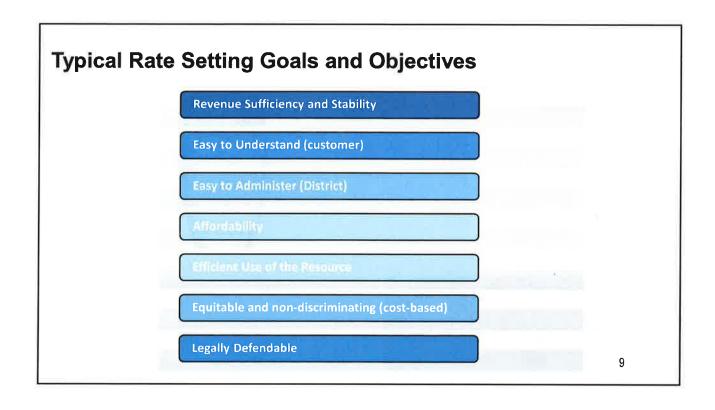
Objectives of Cost of Service

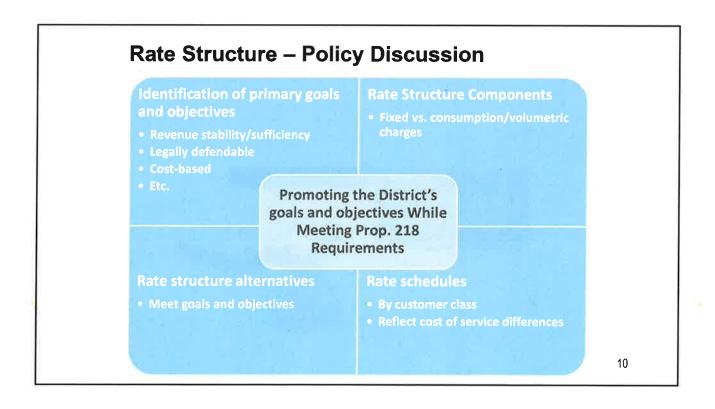
- · Determine if subsidies exist
- · Develop average unit costs

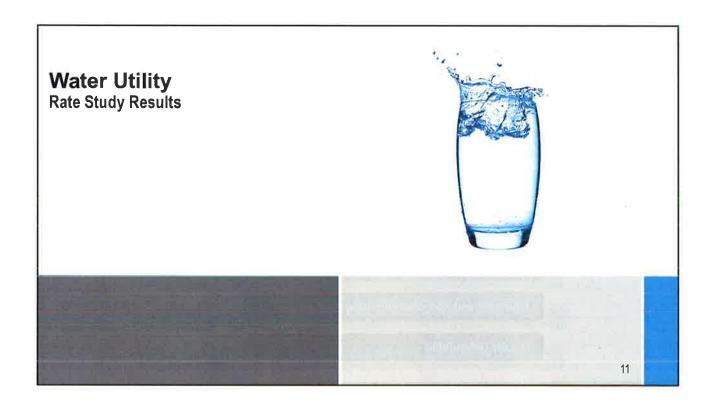
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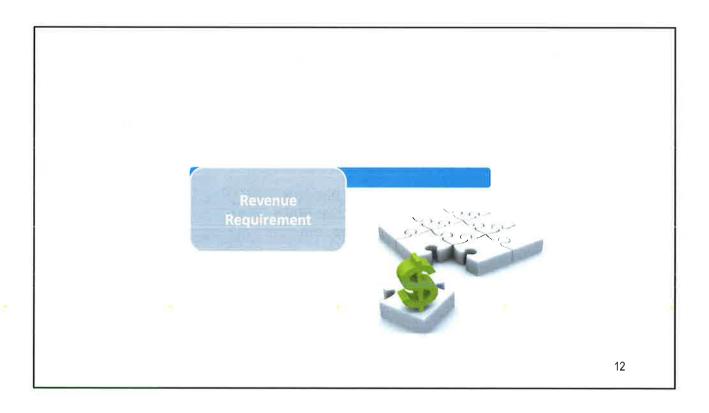
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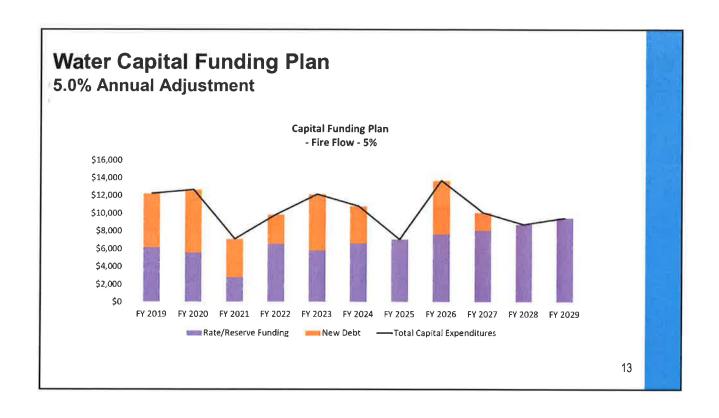
Review of customer characteristics Consumption/Volume Capacity/Strength Development of customer classes of service Separate rate schedules Based on customer characteristics Equitable and Cost-Based Allocation of Costs Identifies interclass differences between levels of service (if

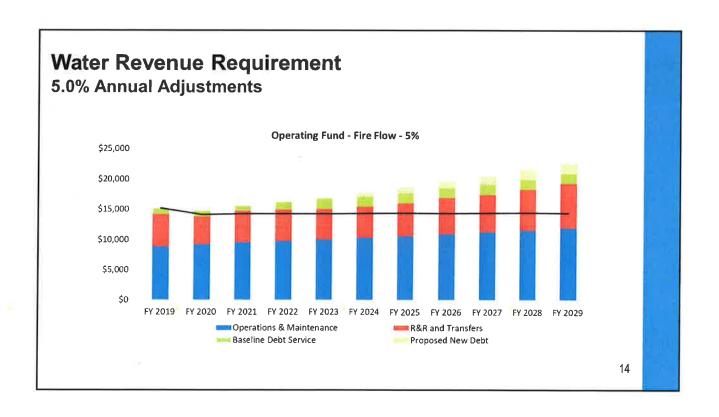


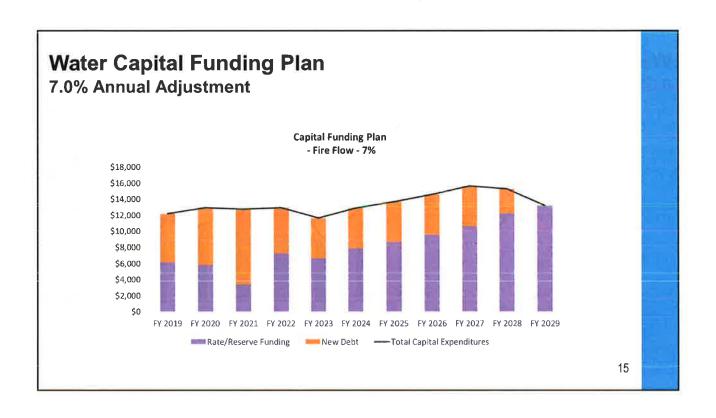


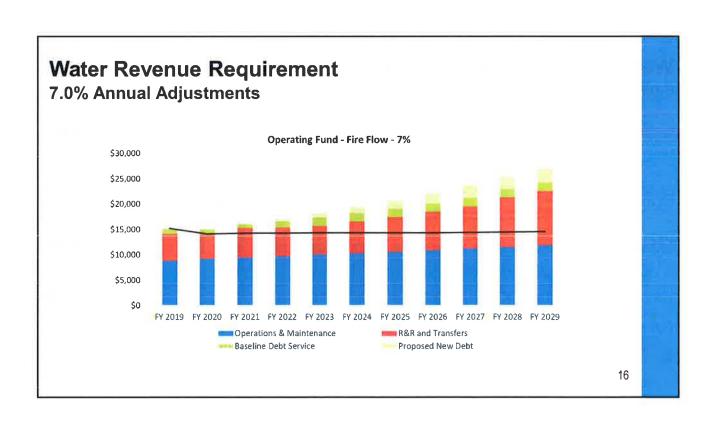


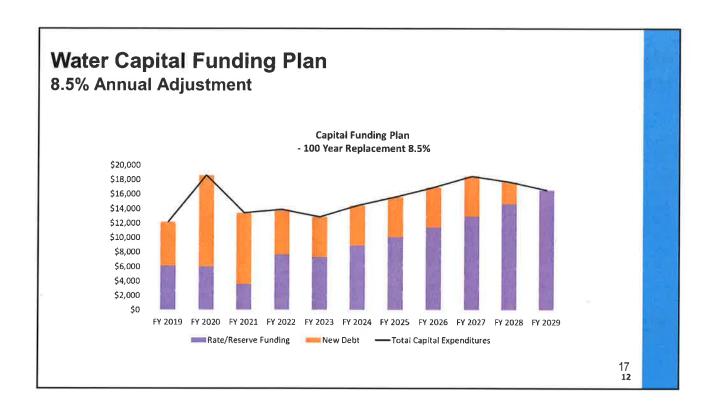


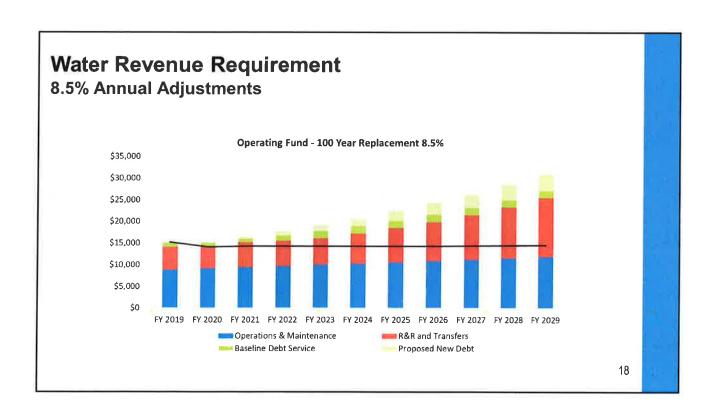


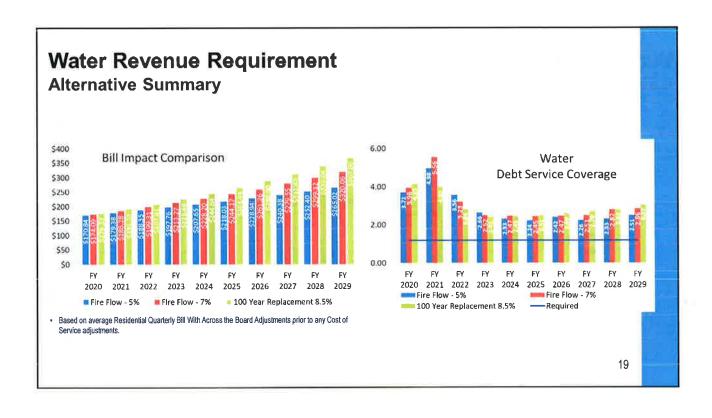


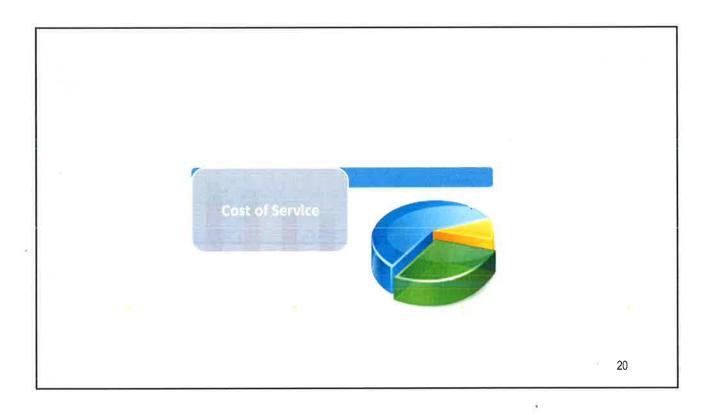


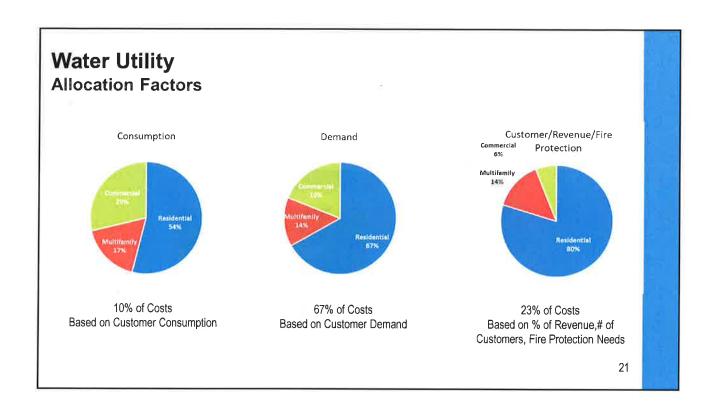


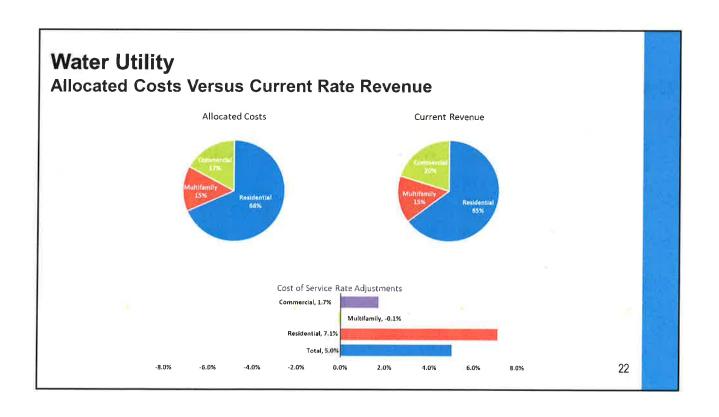


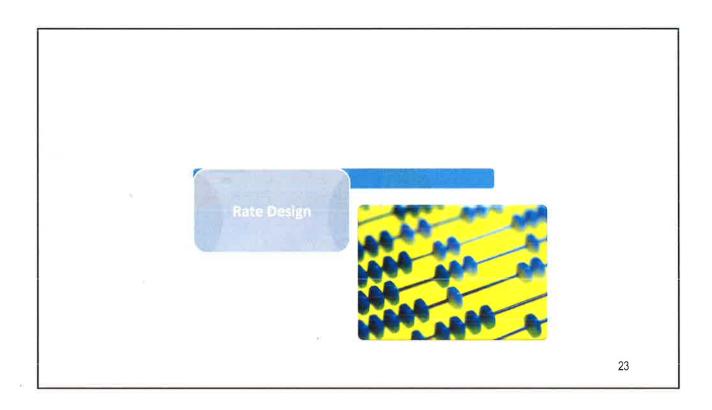








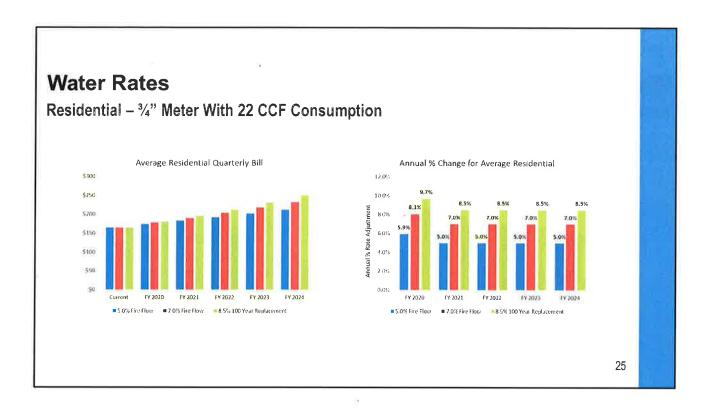




Water Utility

Residential Rate Design – 5% Fire Flow

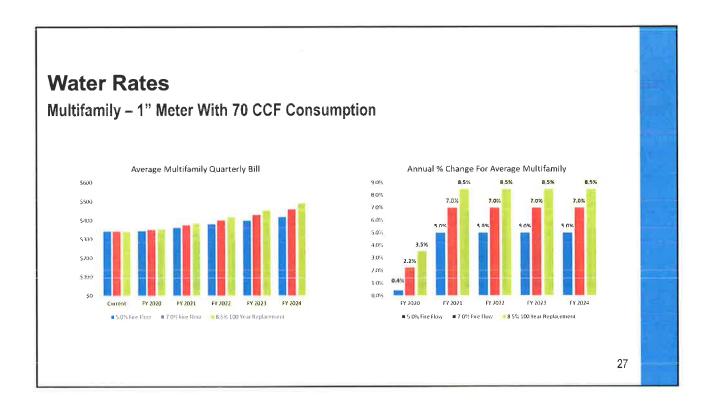
	Current	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Residential						
Fixed Charge (\$/Quarter)						
3/4"	\$140.90	\$140.06	\$147.06	\$154.42	\$162.14	\$170.24
1"	235.20	233.80	245.49	257.76	270.65	284.18
1 1/2"	469.10	466.30	489.61	514.10	539.80	566.79
2"	750.80	746.32	783.63	822.82	863.96	907,15
3"	1,408.70	1,400.29	1,470.31	1,543.82	1,621.01	1,702.06
Unmetered	165.20	186.22	195.53	205.31	215.58	226.36
Commodity Charge (\$/CCF)						
Tier 1, 0 - 45 CCF	\$1.09	\$1.57	\$1.65	\$1.73	\$1.82	\$1.91
Tier 2, 45 + CCF	1.64	2.40	2.52	2.64	2.77	2.91



Water Utility

Multi-Family Rate Design - 5% Fire Flow

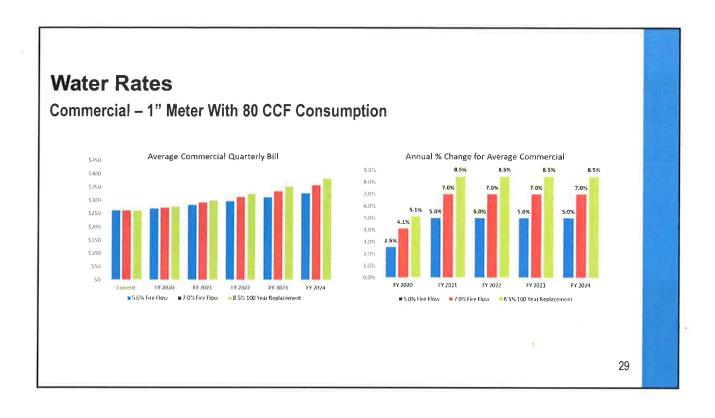
	Current	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
Multi-Family			10-10-0000-101				
Fixed Charge (\$/Quarter)							
5/8" & 3/4"	\$140.90	\$140.06	\$147.06	\$154.42	\$162.14	\$170.24	
1"	235.20	233.80	245.49	257.76	270.65	284.18	
1 1/2"	469.10	466.30	489.61	514.10	539.80	566.79	
2"	750.80	746.32	783.63	822.82	863.96	907.15	
3"	1,408.70	1,400.29	1,470.31	1,543.82	1,621.01	1,702.06	
4"	2,348.20	2,334.18	2,450.89	2,573.44	2,702.11	2,837.22	
6"	4,694.90	4,666.88	4,900.22	5,145.23	5,402.49	5,672.62	
8"	7,512.20	7,467.36	7,840.73	8,232.76	8,644.40	9,076.62	
10"	10,799.90	10,735.44	11,272.21	11,835.82	12,427.61	13,048.99	
Unmetered (\$/Quarter)							
Duplex	\$293.70	\$291.95	\$306.54	\$321.87	\$337.97	\$354.86	
Triplex	399.00	396.62	416,45	437.27	459.14	482.09	
Four-Plex	516.20	513.12	538.77	565.71	594.00	623.70	
Additional Units	86.50	85.98	90.28	94.80	99.54	104.51	
Commodity Charge (\$/CCF)	\$1.53	\$1.57	\$1.65	\$1.73	\$1.82	\$1.91	

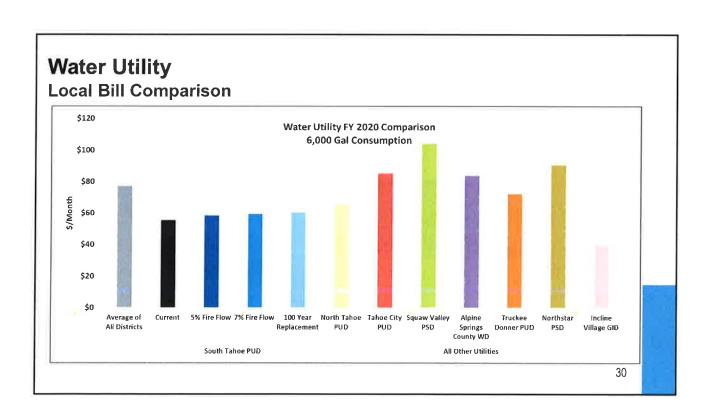


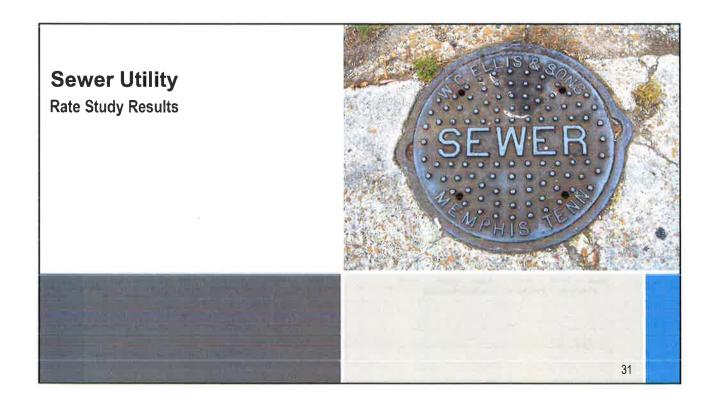
Water Utility

Commercial Rate Design – 5% Fire Flow

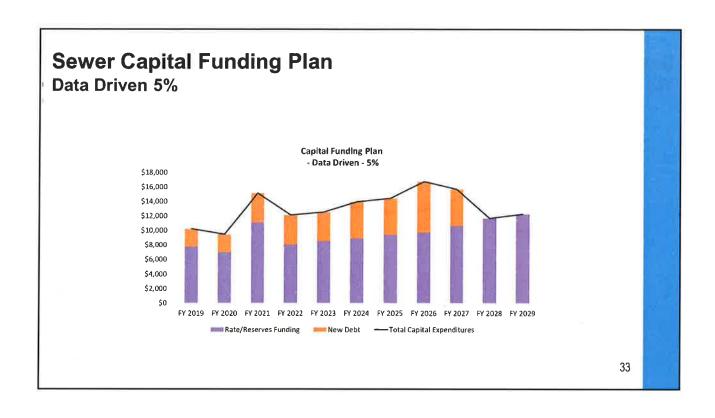
	Current	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Commercial						
Fixed Charge (\$/Quarter)						
5/8" & 3/4"	\$140.90	\$140.06	\$147.06	\$154.42	\$162.14	\$170.24
1"	235.20	233.80	245.49	257.76	270.65	284.18
1 1/2"	469.10	466.30	489.61	514-10	539.80	566.79
2"	750.80	746.32	783.63	822,82	863.96	907.15
3"	1,408.70	1,400.29	1,470.31	1,543.82	1,621.01	1,702.06
4"	2,348.20	2,334,18	2,450.89	2,573.44	2,702.11	2,837.22
6"	4,694.90	4,666.88	4,900.22	5,145.23	5,402.49	5,672.62
8"	7.512.20	7.467.36	7,840,73	8,232,76	8,644,40	9,076.62
10"	10,799.90	10,735.44	11,272.21	11,835.82	12,427.61	13,048.99
Commodity Charge (\$/CCF)	\$1.52	\$1.61	\$1.69	\$1.78	\$1.87	\$1.96

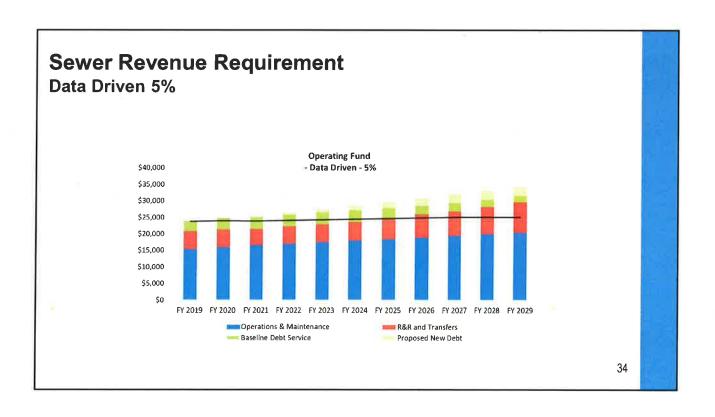


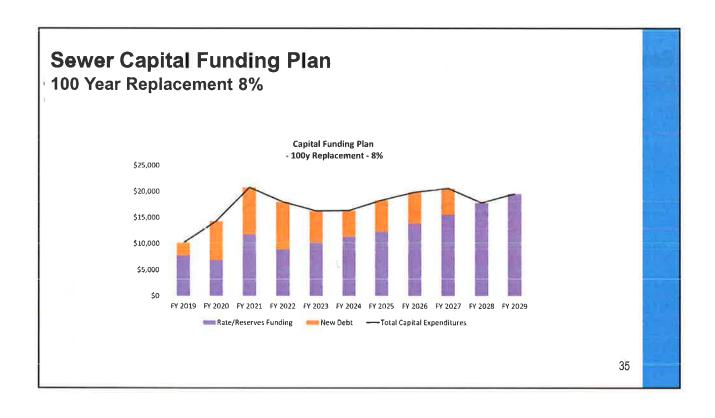


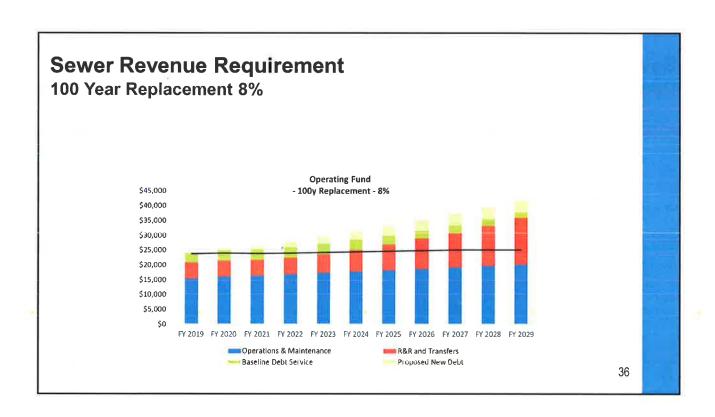


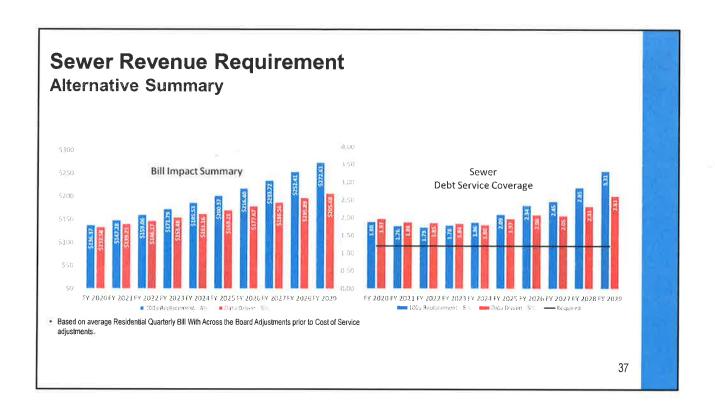


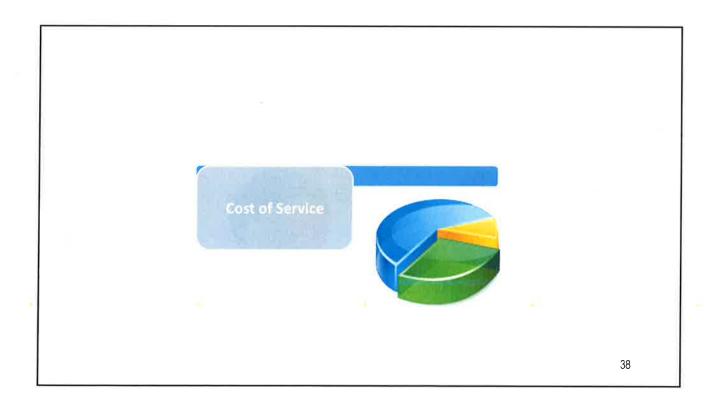


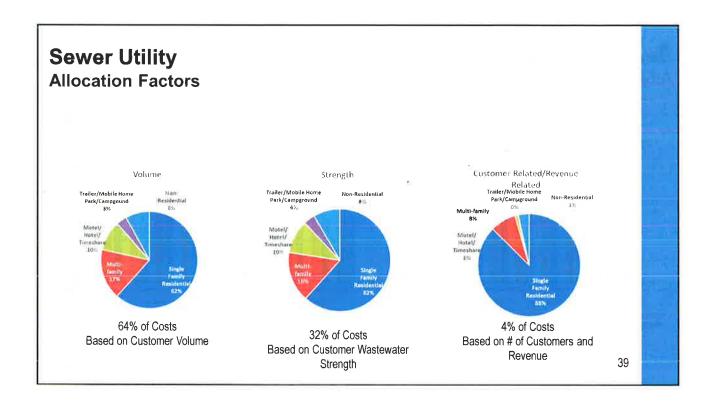


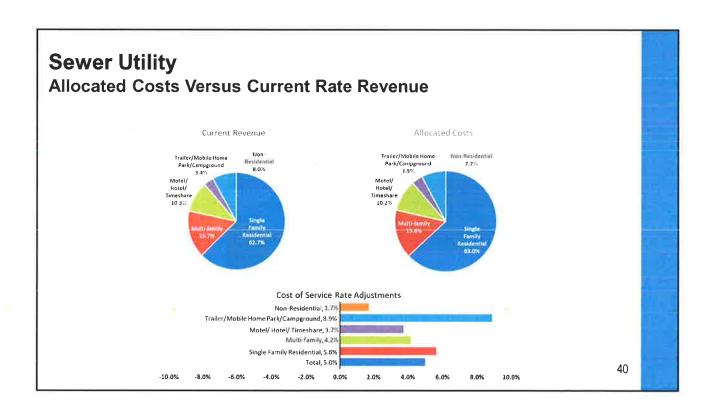


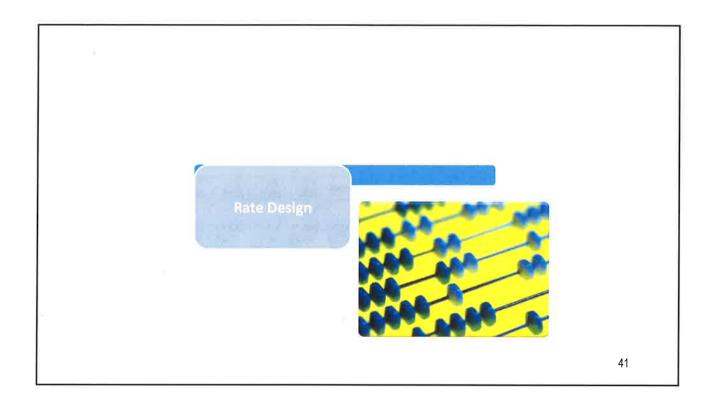












Sewer Rates

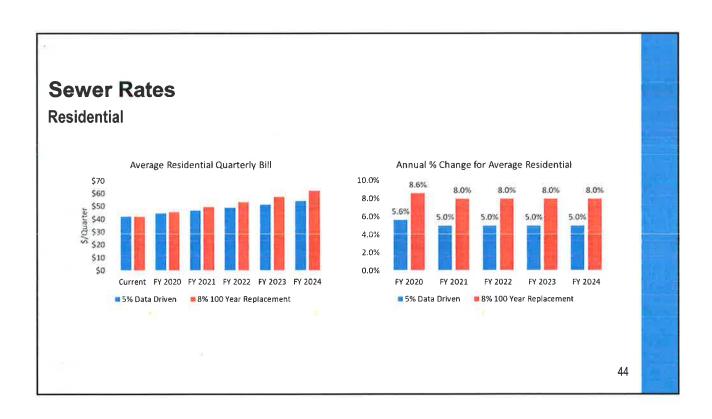
Data Driven 5% overall Adjustment

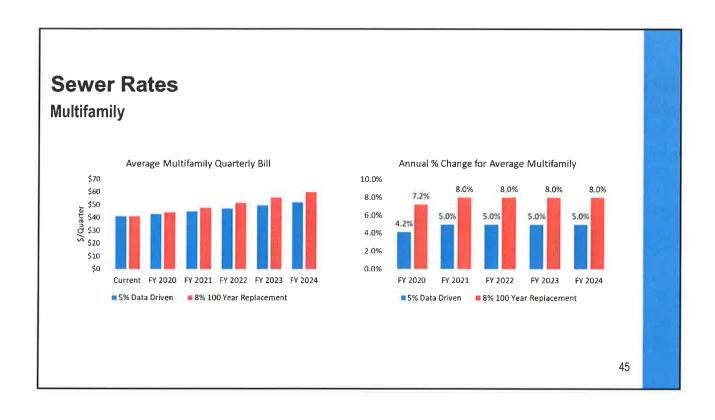
		Current	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Single Family Residential	\$/Billing Unit/Quarter	\$42.09	\$44.46	\$46.68	\$49.02	\$51.47	\$54.04
Multi-family	\$/Billing Unit/Quarter	41.22	42.94	45.09	47.34	49.71	52.20
Motel/ Hotel/ Timeshare	\$/Billing Unit/Quarter	40.69	42.21	44.32	46.54	48.86	51.31
Trailer/Mobile Home Park/Campground	\$/Billing Unit/Quarter	38.73	42.16	44.27	46.48	48.81	51.25
Non-Residential	\$/Billing Unit/Quarter	43.72	44.46	46.68	49.01	51.47	54.04

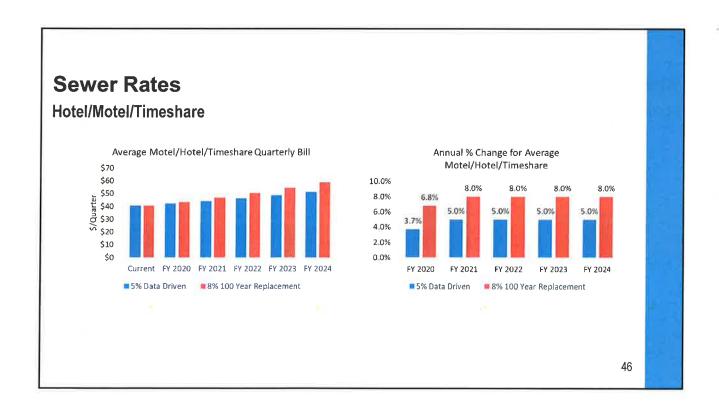
Sewer Rates

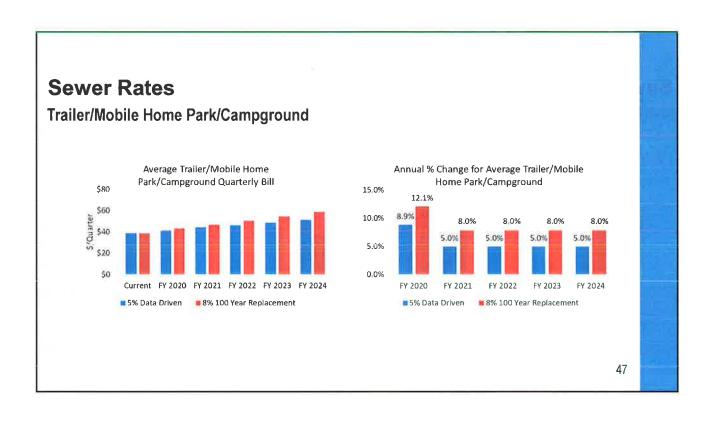
100 Year Replacement 8.0% overall Adjustment

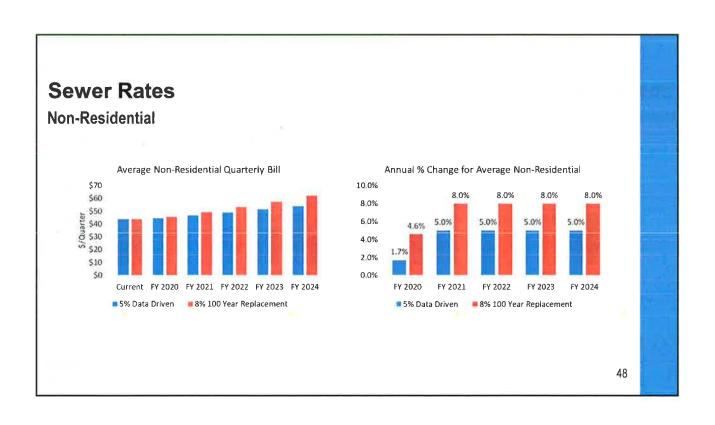
		Current	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Single Family Residential	\$/Billing Unit/Quarter	\$42.09	\$45.71	\$49.37	\$53.32	\$57.58	\$02.19
Multi-family	\$/Billing Unit/Quarter	41.22	44.20	47.73	51.55	55.68	60.13
Motel/ Hotel/ Timeshare	\$/Billing Unit/Quarter	40.69	43.47	46.94	50.70	54.75	59.13
Trailer/Mobile Home Park/Campground	\$/Billing Unit/Quarter	38.73	43.42	46.89	50.64	54.70	59.07
Non-Residential	\$/Billing Unit/Quarter	43.72	45.71	49.37	53.32	57.58	62.19

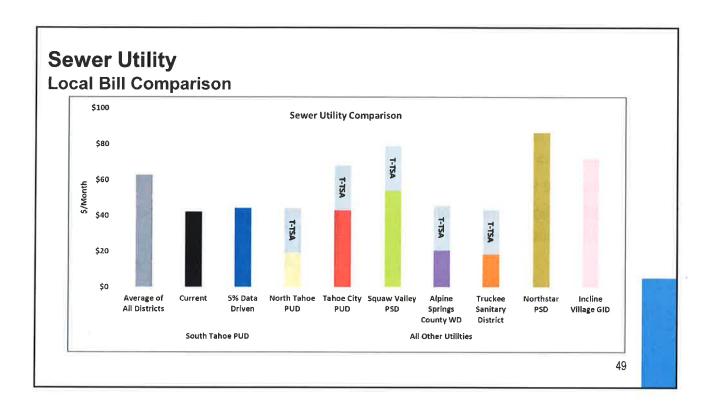


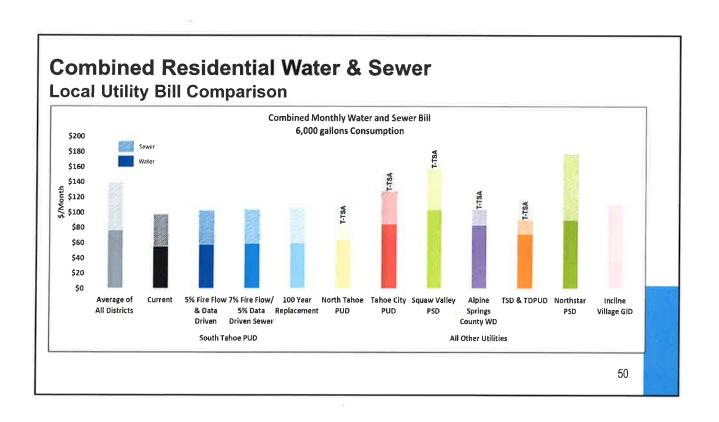












Next Steps

- Gain Board input/direction on preferred capital (revenue) scenario
 - o Necessary to move rate studies forward
- Develop final rate study results
- Gain Board feedback to move forward with rate setting/implementation process
- Start Proposition 218 public noticing
- Set public hearing date



