

Agenda

- 1. Recap of financial plan assumptions
- 2. Scenarios and selected financial plan
- 3. Review Rates
- 4. Typical single family bill impacts

Summary

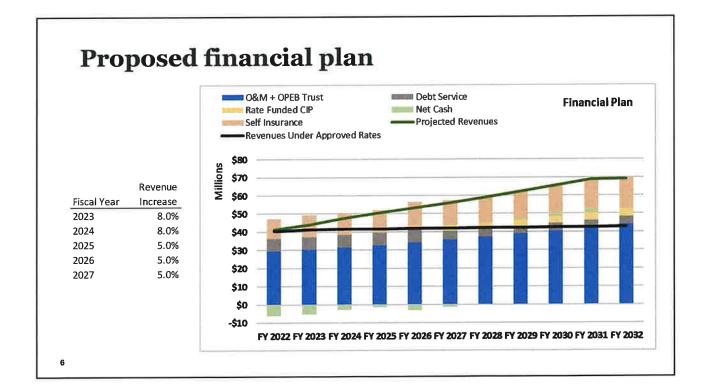
THE RESIDENCE OF STREET		C 12 1-10	Fiscal Year		
	2023	2024	2025	2026	2027
Revenue Increase	8.0%	8.0%	5.0%	5.0%	5.0%
Typical Single Family Water Bill Increase before Capital Charge	1.84%	1.97%	1.98%	1.83%	1.83%

Financial plan assumptions

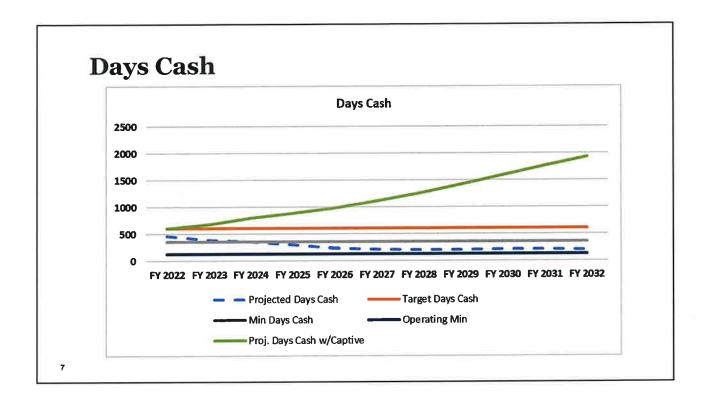
 Mesa Water Staff present financial plan options with different revenue adjustments, capital expenses and self insurance funding scenarios

					F	iscal Year					
Values in millions	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Total Capital Projects*	\$33.3	\$20.1	\$8.5	\$4.4	\$4.5	\$4.6	\$4.8	\$4.9	\$5.1	\$5.2	\$5.4

Self Insurance Funding \$11.0 \$12.0 \$12.0 \$12.2 \$12.8 \$13.5 \$14.1 \$14.9 \$15.6 \$16.4 \$17.2



^{*}Bond proceeds fund capital until FY 2025



Debt coverage Includes capacity fee revenue & grants in coverage calc Debt Service Coverage 8.00 7.00 6.00 5.00 4.00 3.00 2.00 FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 FY 2028 FY 2029 FY 2030 FY 2031 FY 2032 —Calculated Debt Service Coverage Target: All-in Debt Service Coverage



Changes since last study

- Recover a portion revenue requirements via a capital charge to be collected via the orange county treasurer-tax collector
- Self insure (captive)
- Private fire charges start at 1" meters instead of 2"
- Increase the amount of revenue recovered through fixed charges
- Billing cost component is recovered per bill, thus monthly charges are not exactly half of bi-monthly charges

October 26, 2021 Committee Recommendation

- Option 2: Target about 24 percent of revenue collected through the capital charge by FY 2027
- Average annual increase in single family water bill of 1.9%
- Percent of net revenue requirement collected through capital charge:
 - FY 2023 = 11.1%
 - FY 2024 = 16.8%
 - FY 2025 = 19.3%
 - FY 2026 = 21.8%
 - FY 2027 = 24.1%



Basic Charge Derivation of FY 2023

		Meter			
Meter	Billing	Capacity	Public Fire	Total	Total
Size	\$/bill	\$/mtr/mo	\$/mtr/mo	\$/bi-mo	\$/mo
5/8-inch	\$16.05	\$0.35	\$13.14	\$29.55	\$22.81
3/4-inch	\$16.05	\$0.53	\$19.71	\$36.30	\$26.18
1-inch	\$16.05	\$0.88	\$32.85	\$49.79	\$32.92
1 1/2-inch	\$16.05	\$1.76	\$65.70	\$83.52	\$49.79
2-inch	\$16.05	\$2.82	\$105.12	\$124.00	\$70.03
3-inch	\$16.05	\$6.17	\$229.94	\$252.17	\$134.11
4-inch	\$16.05	\$11.10	\$413.90	\$441.06	\$228.56
6-inch	\$16.05	\$24.67	\$919.77	\$960.50	\$488.28
8-inch	\$16.05	\$42.30	\$1,576.75	\$1,635.11	\$825.58
10-inch	\$16.05	\$66.97	\$2,496.52	\$2,579.55	\$1,297.81

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Bi-monthly Basic charge, \$/bill

- Initial decrease in the Basic charge
- Slight increase in the Basic charge in FY 2024 onward

	Fiscal Year								
Proposed Rates	2022	2023	2024	2025	2026	2027			
Effective Date	Jan 2022	Jan 2023	Jan 2024	Jan 2025	Jan 2026	Jan 2027			
Bi-Monthly Potable W	ater & RW Basic Char	ge							
Meter Size									
5/8-inch	\$30.03	\$29.55	\$30.99	\$31.54	\$32.16	\$32.83			
3/4-inch	\$45.36	\$36.30	\$37.77	\$38.57	\$39.50	\$40.42			
1-inch	\$75.37	\$49.79	\$51.33	\$52.62	\$54.16	\$55.61			
1 1/2-inch	\$151.36	\$83.52	\$85.23	\$87.76	\$90.83	\$93.57			
2-inch	\$242.04	\$124.00	\$125.91	\$129.92	\$134.83	\$139.13			
3-inch	\$529.38	\$252.17	\$254.72	\$263.42	\$274.15	\$283.40			
4-inch	\$953.36	\$441.06	\$444.55	\$460.16	\$479.48	\$496.00			
6-inch	\$2,119.97	\$960.50	\$966.58	\$1,001.20	\$1,044.12	\$1,080.67			
8-inch	\$3,626.88	\$1,635.11	\$1,644.55	\$1,703.85	\$1,777.42	\$1,839.97			
10-inch	\$5,746.80	\$2,579.55	\$2,593.70	\$2,687.56	\$2,804.04	\$2,902.99			

Monthly Basic charge, \$/bill

- Initial increase in the Basic charge due to collecting the billing component on a per bill basis
- · Slight increase in the Basic charge from FY 2024 onward
- There are no 5/8 or 3/4" monthly customers

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	Fiscal Year							
Proposed Rates	2022	2023	2024	2025	2026	2027		
Effective Date	Jan 2022	Jan 2023	Jan 2024	Jan 2025	Jan 2026	Jan 2027		
Monthly Potable Wat	er & RW Basic Charge							
Meter Size								
5/8-inch	\$15.02	\$22.81	\$24.21	\$24.52	\$24.83	\$25.24		
3/4-inch	\$22.68	\$26.18	\$27.60	\$28.03	\$28.50	\$29.03		
1-inch	\$37.69	\$32.92	\$34.38	\$35.06	\$35.83	\$36.63		
1 1/2-inch	\$75.68	\$49.79	\$51.33	\$52.62	\$54.16	\$55.61		
2-inch	\$121.02	\$70.03	\$71.67	\$73.70	\$76.16	\$78.39		
3-inch	\$264.69	\$134.11	\$136.08	\$140.46	\$145.82	\$150.52		
4-inch	\$476.68	\$228.56	\$230.99	\$238.83	\$248.49	\$256.82		
6-inch	\$1,059.99	\$488.28	\$492.01	\$509.35	\$530.81	\$549.15		
8-inch	\$1,813.44	\$825.58	\$830.99	\$860.67	\$897.46	\$928.81		
10-inch	\$2.873.40	\$1,297.81	\$1.305.57	\$1,352.53	\$1,410.77	\$1,460.32		

Approximate Annual Capital charge by meter size, \$/yr This assumes that the number of accounts is roughly equivalent to the number of

- parcels. A direct correlation is unlikely
- · Likely have some parcels with multiple accounts

	Fiscal Year									
Proposed Rates	2022	2023	2024	2025	2026	2027				
Effective Date	Jan 2022	Jan 2023	Jan 2024	Jan 2025	Jan 2026	Jan 2027				
Potable Water Meter S	Size									
5/8-inch	\$0.00	\$99.92	\$163.45	\$198.13	\$235.17	\$274.93				
3/4-inch	\$0.00	\$149.88	\$245.17	\$297.20	\$352.76	\$412.39				
1-inch	\$0.00	\$249.79	\$408.61	\$495.33	\$587.92	\$687.31				
1 1/2-inch	\$0.00	\$499.57	\$817.21	\$990.65	\$1,175.84	\$1,374.61				
2-inch	\$0.00	\$799.31	\$1,307.54	\$1,585.04	\$1,881.35	\$2,199.37				
3-inch	\$0.00	\$1,748.49	\$2,860.23	\$3,467.27	\$4,115.44	\$4,811.11				
4-inch	\$0.00	\$3,147.29	\$5,148.40	\$6,241.08	\$7,407.79	\$8,659.99				
6-inch	\$0.00	\$6,993.96	\$11,440.89	\$13,869.06	\$16,461.75	\$19,244.41				
8-inch	\$0.00	\$11,989.65	\$19,612.96	\$23,775.53	\$28,220.13	\$32,990.42				
10-inch	\$0.00	\$18,983.61	\$31,053.84	\$37,644.58	\$44,681.87	\$52,234.83				

Consumption rate, \$/ccf,

Recycled water is at a 22% discount in FY 2027

	Fiscal Year							
Proposed Rates	2022	2023	2024	2025	2026	2027		
Effective Date	Jan 2022	Jan 2023	Jan 2024	Jan 2025	Jan 2026	Jan 2027		
Potable Water	\$4.72	\$4.85	\$4.91	\$5.01	\$5.10	\$5.19		
Construction	\$5.21	\$4.85	\$4.91	\$5.01	\$5.10	\$5.19		
Fireline Water	\$5.21	\$4.85	\$4.91	\$5.01	\$5.10	\$5.19		
Recycled Water	\$3.08	\$3.40	\$3.56	\$3.72	\$3.89	\$4.07		

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Bi-monthly Private Fireline Service, \$/bill

- Fire service lines are now 1" or larger. Previously they started at 2."
- Therefore, the proposed charge starts at the 1" service line size instead of the 2" line.

	Fiscal Year								
Proposed Rates —	2022	2023	2024	2025	2026	2027			
Effective Date	Jan 2022	Jan 2023	Jan 2024	Jan 2025	Jan 2026	Jan 2027			
Fireline Service Size									
1-inch	\$8.30	\$17.38	\$18.81	\$18.94	\$19.02	\$19.24			
1 1/2-inch	\$8.30	\$19.90	\$21.44	\$21.69	\$21.93	\$22.28			
2-inch	\$8.30	\$24.24	\$25.96	\$26.43	\$26.95	\$27.51			
3-inch	\$24.08	\$39.81	\$42.21	\$43.47	\$44.94	\$46.32			
4-inch	\$51.29	\$66.67	\$70.23	\$72.85	\$75.98	\$78.75			
6-inch	\$148.96	\$163.09	\$170.79	\$178.29	\$187.39	\$195.15			
8-inch	\$317.40	\$329.38	\$344.25	\$360.16	\$379.55	\$395.92			
10-inch	\$570.77	\$579.52	\$605.16	\$633.73	\$668.59	\$697.92			

Monthly Private Fireline Service, \$/bill

- As mentioned above, fire service lines are 1" or larger.
- Therefore, the proposed charge starts at the 1" service line size instead of the 2" line.

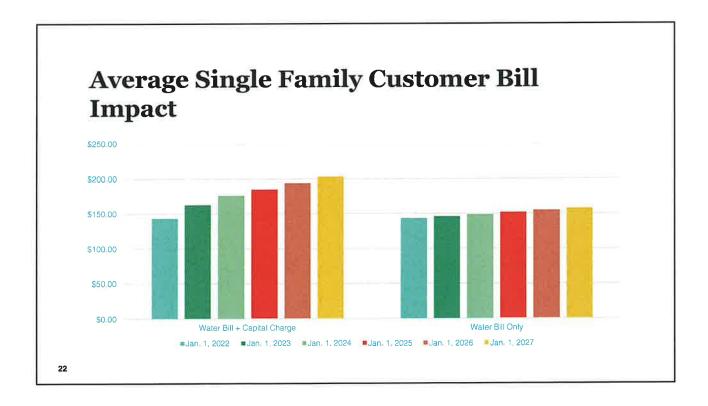
	Fiscal Year								
Proposed Rates —	2022	2023	2024	2025	2026	2027			
Effective Date	Jan 2022	Jan 2023	Jan 2024	Jan 2025	Jan 2026	Jan 2027			
Fireline Service Size									
1-inch	\$3.95	\$16.72	\$18.12	\$18.21	\$18.26	\$18.44			
1 1/2-inch	\$3.95	\$17.98	\$19.44	\$19.59	\$19.71	\$19.96			
2-inch	\$3.95	\$20.15	\$21.70	\$21.96	\$22.22	\$22.58			
3-inch	\$11.47	\$27.93	\$29.82	\$30.48	\$31.22	\$31.98			
4-inch	\$24.42	\$41.37	\$43.83	\$45.17	\$46.74	\$48.20			
6-inch	\$70.93	\$89.57	\$94.11	\$97.89	\$102.44	\$106.40			
8-inch	\$151.14	\$172.72	\$180.84	\$188.83	\$198.52	\$206.78			
10-inch	\$271.80	\$297.79	\$311.30	\$325.61	\$343.05	\$357.78			

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Typical Bill & Next Steps

Average Single Family Customer Bill Impact (5/8" meter) and 24 ccf bi-monthly

	Jan. 1,					
	2022	2023	2024	2025	2026	2027
Bi-monthly Basic Charge: 5/8"	\$30.03	\$29.55	\$30.99	\$31.54	\$32.16	\$32.83
Capital Charge, 5/8" (\$/bi-mo)	\$0.00	\$16.65	\$27.24	\$33.02	\$39.20	\$45.82
Usage Charge (ccf): 24	\$113.28	\$116.40	\$117.84	\$120.00	\$122.40	\$124.56
Total Water Bill + Capital Charge	\$143.31	\$162.60	\$176.07	\$184.56	\$193.76	\$203.21
Total Water Bill	\$143.31	\$145.95	\$148.83	\$151.54	\$154.56	\$157.39
% Change in Water Bill		1.84%	1.97%	1.82%	1.99%	1.83%



Next Steps

Date	Action
Tuesday, November 16, 2021	Board Direction
Monday, November 22, 2021	Mail Prop. 218 Notice
Wednesday, January 12, 2022	Public Hearing

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Recommend Motion

- Receive the draft report of the Water Rate Study;
- Direct staff to finalize the proposed rate schedule for Calendar Years 2023 through 2027;
- 3. Direct staff to proceed with Proposition 218 notice preparation and mailing; and,
- 4. Direct staff to schedule two public hearings for January 12, 2022.
 - > Proposed water rate adjustments over a five-year period
 - Proposal to level a Capital Charge for collection by way of the Orange County-Tax Collector

End of Presentation