Department of Natural Resources and Parks Wastewater Treatment Division

## 2025 WTD Rate Strategy Discussions - MWPAAC General

January 24 ${ }^{\text {th }}, 2024$

## Agenda \& Calendar

12025 Sewer Rate Goals and Schedule

22024 Adopted Sewer Rate and Financial Forecast

3 Assumptions/ Practices

4 Capital Delivery Strategies

5 Questions \& Next Steps

## Important Upcoming Dates

Preliminary Rate Policy: February 7 - RWQC

Preliminary Rate Proposal February 1 - MWPAAC R\&F

## Goals for 2025 Sewer Rate Development

- Increase reliability at West Point and across the system
- Address the most critical asset management needs to reduce risk
- Reflect increasing regulatory requirements with new projects and staff
- Accommodate growth-related demand with capacity enhancements
- Reflect King County priorities: Clean Water Healthy Habitat, Strategic Climate Action Plan, Equity \& Social Justice and others
- Propose a 2025 rate and ten-year rate forecast that realistically reflects high priority system investments
- Meet key financial metrics and only charge what we can spend


## 2025 Sewer Rate Schedule (January - March)

| MONTH | ACTIVITIES |
| :---: | :---: |
| January | WTD 2024 year-end activities and Capital Improvement Program (CIP) forecast updates |
| February | WTD year-end activities substantially complete and CIP updates completed for 2025 rate forecast |
|  | Feb. 1 - Rates \& Finance Subcommittee - Discuss updates on 2025 rate-setting policy direction, if possible |
|  | Feb. 7 - Regional Water Quality Committee - Brief on 2025 rate-setting policy |
|  | Feb. 28 - Full MWPAAC - Discuss updates on 2025 rate-setting policy direction, if possible |
| March | Early March - Brief King County Executive on DNRP/WTD 2025 Sewer Rate and Capacity Charge Proposal |
|  | Early March - WTD submits 2025 Sewer Rate and Capacity Charge Proposal to DNRP Director's Office |
|  | March 7 - Rates \& Finance Subcommittee meeting <br> -Review key points of meeting with DNRP Director's Office and Executive's Office, if possible <br> -Discuss key points for draft MWPAAC letter on sewer rate recommendation to Executive for consideration and action at March 27 full MWPAAC meeting |
|  | Mid-March - DNRP Director's Office submits 2025 Sewer Rate and Capacity Charge Proposal to King County Executive |
|  | March 20 - Draft MWPAAC sewer rate recommendation letter is emailed to MWPAAC members one week in advance of MWPAAC's March 27 general meeting |
|  | March 27 - MWPAAC General <br> -Present DNRP/WTD 2025 Sewer Rate and Capacity Charge proposal <br> -MWPAAC considers and takes action on its recommendation letter to King County Executive |

## 2025 Sewer Rate Schedule (April - June)

| MONTH | ACTIVITIES |
| :---: | :---: |
| April | April 4 - Rates \& Finance Subcommittee meeting <br> -Review Executive's Proposed 2025 Sewer Rate and Capacity Charge recommendation to King County Council <br> -Discuss whether MWPAAC wants to send a separate sewer rate and capacity charge recommendation letter to the King County Council |
|  | Mid-April - King County Executive transmits 2025 Sewer Rate and Capacity Charge Recommendation to King County Council |
|  | April 24 - MWPAAC General meeting <br> -Present King County Executive's Proposed 2025 Sewer Rate and Capacity Charge <br> - MWPAAC consideration and action on separate sewer rate recommendation letter provided there is support for a separate letter to King County Council |
| May | WTD briefs the Regional Water Quality Committee on the King County Executive's Proposed 2025 Sewer Rate and Capacity Charge |
|  | Brief the Budget and Fiscal Management Committee on the Executive's Proposed 2025 Sewer Rate and Capacity Charge |
| June | Budget and Fiscal Management Committee makes a recommendation on the Executive's Proposed 2025 Sewer Rate and Capacity Charge |
|  | Public hearing and action on the Executive's Proposed 2025 Sewer Rate and Capacity Charge by King County Council |

## 2024 Adopted Sewer Rate and Financial Forecast

| 2024-2033 Sewer Rate Projection |  | Adopted |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2024 Sewer Rate Projection | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Rate Increase \% | 5.75\% | 5.75\% | 5.75\% | 5.75\% | 6.50\% | 6.50\% | 6.50\% | 7.00\% | 7.00\% | 7.00\% | 7.00\% |
| Monthly Sewer Rate | \$52.11 | \$55.11 | \$58.28 | \$61.64 | \$65.65 | \$69.92 | \$74.47 | \$79.69 | \$85.27 | \$91.24 | \$97.63 |
| All-In Debt Service Coverage | 1.56x | 1.73x | 1.73x | 1.67x | 1.68x | 1.65x | 1.61x | 1.53x | 1.50x | 1.47x | 1.51x |
| Projected O\&M (\$m) | \$194 | \$198 | \$211 | \$221 | \$231 | \$242 | \$254 | \$266 | \$279 | \$292 | \$306 |
| Projected CIP Spend (\$m) | \$316 | \$328 | \$406 | \$469 | \$534 | \$656 | \$805 | \$912 | \$924 | \$854 | \$856 |
| Average Cash Funding |  |  |  |  | 6-Year Average |  | 39.8\% |  | 10-Year Average |  | 33.9\% |

## Key Highlights

- Responded to requests for earlier information and more transparency
- WTD updated schedules and costs for CSO projects, added new capital projects, and updated formulations
- WTD deferred Conveyance System Improvement (CSI) Inflow and Infiltration (I/I) projects if they had both no impact on regional growth and no capacity-related overflows in the last 10 years
- WTD lowered average accomplishment rate estimates from $85 \%$ to $80 \%$ to reflect the size of CIP increases and economic conditions
- WTD replaced its $40 \%$ of CIP cash-funding policy with an original cost depreciation approach (approx. $34 \%$ of CIP)

Capacity charge determined for next three years based on existing methodology that "expires" in 2030

- 2025 capacity charge proposal will be $\$ 76.09$ (2.5\% increase)


## Key Driver: CIP and Accomplishment Rate (2023-2033)



## Assumptions/ Practices Decisions that Impact the Rate (1/2)

## Rate Strategy:

- Maintain last years projected 2025 rate (5.75\% increase) and smooth rate between 2026 and 2034
- New: 10-year forecast plus 10-year projection, projection will mainly rely on historical averages


## Operating Growth and Inflation Escalation:

| Type | Current | Recommended |
| :---: | :---: | :---: |
| Growth | $1.5 \%$ | $3.0 \%$ |
| Labor Inflation | $4.0 \%$ | $4.0 \%$ |
| General Inflation | $3.0 \%$ | $3.0 \%$ |
| Blended Rate | $\sim 4.8 \%$ | $\sim 6.2 \%$ |

Example Inflation

- 10\% increase in SCL electricity rates (~\$1m?)
- King County Budget \& Financial Planning Assumptions (BFPA) Q4 2023 FY25 assumes 20\% increase in health benefits
- Anticipate new labor agreement will try and recover inflation


## Example Growth

- Responding to Contaminants of Emerging Concern (CECs)
- New facilities and equipment
- New labor


## Assumptions/ Practices Decisions that Impact the Rate (2/2)

## Capital Funding:

- Long-term interest rate 5\%
- Cash funding target set with Original Cost Depreciation approach ( $\sim 34 \%$ of total 10-year CIP in last forecast)


## Capital Spending Forecasts:

- Combined Sewer Overflow: Assumes modification of Consent Decree
- Nutrient Removal: Include near-term compliance costs
- Per- and Polyfluoroalkyl substances (PFAS) and other Contaminants of Emerging Concern (CECs): No capital costs included in forecast. Potential regulations are unknown and will be monitored for change.
- Asset Management Refurbishment/Replacement: Target completion of high priority ("Tier 1") inventory in 2033


## Capital Delivery Strategies

Risk Management

## Collaborative Delivery

- 2022: Launched pilot for using Collaborative Delivery (also known as Alternative Delivery) as a tool to manage risk and obtain better schedule certainty on appropriate capital projects
- Conducted industry outreach with 50+ contractors, consultants, and public owners
- Trained 100+ WTD staff, created a video library on best practices, and achieved 12 Design Build Institute of America certifications
- Developed a project evaluation tool and evaluated 18 projects
- Three pilot projects so far have received unanimous State Project Review Committee approval
- Currently moving from pilot to regular business practice through the creation of standards, templates, policy, and defining roles and responsibilities



## Capital Delivery Strategies



## Facility-Based Programs

- Launched pilot in 2020 at West Point Treatment plant to reduce risk, increase delivery efficiency, and increase coordination
- Strategies:
- Appointing a program team responsible for management of the program
- Bundling projects within facilities or timeframes for contracting efficiency
- Applying programmatic level dependency, schedule analysis, risk, and delivery approach management
- Benefits:
- Consistency of processes and standards between projects
- Better communication, collaboration, and mentorship
- Procurement and administration workload efficiencies by bundling related projects into contracts
- Reducing impacts on facility operations and mitigating risks
- Moving from Pilot to regular business practice through establishing four additional facility programs; defining staffing plan, roles, and responsibilities; and working with central procurement on contracting efficiency

Department of
Natural Resources and Parks
Wastewater Treatment Division

## Questions and Next Steps

January 24, 2024


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## Crystal Fleet

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Appendix

## Other Key Assumptions

| Forecast Assumptions: 2024-2033 Rate Forecast | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Single-Family Residences RCE Growth | 0.7\% | 0.7\% | 0.7\% | 0.7\% | 0.7\% | 0.7\% | 0.7\% | 0.7\% | 0.7\% | 0.7\% | 0.7\% |
| Multi-Family \& Commercial RCE Growth | 2.7\% | 2.0\% | 0.5\% | 0.5\% | 0.5\% | 0.5\% | 0.5\% | 0.5\% | 0.5\% | 0.5\% | 0.5\% |
| Capacity Charge Regular Payments | 3.0\% | 3.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% |
| Capacity Charge Prepayments | 3.0\% | 3.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% |
| General Cost Inflation | Biennial Budget + 2024 Decision Packages |  | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% |
| Labor Cost Inflation |  |  | 4.0\% | 4.0\% | 4.0\% | 4.0\% | 4.0\% | 4.0\% | 4.0\% | 4.0\% | 4.0\% |
| Expenditure Growth |  |  | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% |
| Capital Cost Escalation | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% | 3.0\% |
| CIP Effective Accomplishment Rate | 71.4\% | 74.5\% | 61.3\% | 70.4\% | 74.0\% | 85.0\% | 82.6\% | 84.5\% | 85.0\% | 85.0\% | 85.0\% |
| Revenue Bond Rate (30 Year Term) | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% | 5.00\% |
| Blended Variable Rate | 2.54\% | 3.04\% | 3.04\% | 3.50\% | 3.50\% | 3.50\% | 3.50\% | 3.50\% | 3.50\% | 3.50\% | 3.50\% |
| Investment Pool Earnings Rate | 2.40\% | 2.70\% | 2.90\% | 2.88\% | 2.81\% | 2.77\% | 2.76\% | 2.75\% | 2.75\% | 2.75\% | 2.75\% |

## WTD Financial Forecast - Part I

| Wastewater Treatment Division |  | Budget |  | Rate Proposal |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Attachment A - Financial Forecast |  | 2023 |  | 2024 |  | 2025 |  | 2026 |  | 2027 |  | 2028 |  | 2029 |  | 2030 |  | 2031 |  | 2032 |  | 2033 |
| Operating Financial Forecast - 4611 (\$ '000) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Monthly Sewer Rate |  | \$52.11 |  | \$55.11 |  | \$58.28 |  | \$61.64 |  | \$65.65 |  | \$69.92 |  | \$74.47 |  | \$79.69 |  | \$85.27 |  | \$91.24 |  | \$97.63 |
| Rate Increase |  | 5.75\% |  | 5.75\% |  | 5.75\% |  | 5.75\% |  | 6.50\% |  | 6.50\% |  | 6.50\% |  | 7.00\% |  | 7.00\% |  | 7.00\% |  | 7.00\% |
| Residential Customer Equivalents (RCEs) |  | 764,063 |  | 775,796 |  | 784,843 |  | 789,766 |  | 794,697 |  | 799,637 |  | 804,586 |  | 809,543 |  | 814,509 |  | 819,485 |  | 824,468 |
| Revenue |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sewer Rate | \$ | 477,784 | \$ | 513,049 | \$ | 548,888 | \$ | 584,174 | \$ | 626,062 | \$ | 670,928 | \$ | 719,010 | \$ | 774,150 | \$ | 833,439 | \$ | 897,237 | \$ | 965,914 |
| Capacity Charge |  | 94,799 |  | 97,643 |  | 102,525 |  | 107,651 |  | 113,034 |  | 118,686 |  | 124,620 |  | 130,851 |  | 137,393 |  | 144,263 |  | 151,476 |
| Industrial Waste |  | 10,539 |  | 10,594 |  | 10,649 |  | 10,704 |  | 10,759 |  | 10,815 |  | 10,871 |  | 10,928 |  | 10,984 |  | 11,042 |  | 11,099 |
| Resource Recovery |  | 8,639 |  | 8,689 |  | 2,769 |  | 2,852 |  | 2,938 |  | 3,026 |  | 3,117 |  | 3,210 |  | 3,307 |  | 3,406 |  | 3,508 |
| Other Income |  | 4,509 |  | 4,520 |  | 4,531 |  | 4,543 |  | 4,556 |  | 4,568 |  | 4,581 |  | 4,595 |  | 4,609 |  | 4,623 |  | 4,638 |
| Investment Income |  | 14,015 |  | 15,843 |  | 15,412 |  | 15,937 |  | 16,172 |  | 17,063 |  | 18,007 |  | 19,157 |  | 20,190 |  | 21,596 |  | 22,914 |
| Use (Transfer to) Rate Stabilization Reserve |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  |  |
| Total - Revenue | \$ | 610,285 | \$ | 650,337 | \$ | 684,774 | \$ | 725,862 | \$ | 773,521 | \$ | 825,086 | \$ | 880,206 | \$ | 942,891 | \$ | 1,009,922 | \$ | 1,082,166 | \$ | 1,159,550 |
| Expenditures \& Transfers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O\&M Expenses | \$ | $(193,913)$ | \$ | $(198,208)$ | \$ | $(210,585)$ | \$ | $(220,869)$ | \$ | $(231,399)$ | \$ | $(242,439)$ | \$ | $(254,016)$ | \$ | $(266,155)$ | \$ | $(278,885)$ | \$ | $(292,234)$ | \$ | $(306,330)$ |
| Existing Debt Service |  | $(258,355)$ |  | $(250,513)$ |  | $(247,854)$ |  | $(258,357)$ |  | $(254,791)$ |  | $(255,483)$ |  | $(252,286)$ |  | $(260,636)$ |  | $(259,775)$ |  | $(266,450)$ |  | $(255,740)$ |
| New Debt Service |  | $(8,798)$ |  | $(11,093)$ |  | $(26,442)$ |  | $(44,855)$ |  | $(67,493)$ |  | $(97,099)$ |  | $(136,574)$ |  | $(182,436)$ |  | $(228,691)$ |  | $(269,904)$ |  | $(308,639)$ |
| Debt Retirement/ Defeasance Use of Cash |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Minimum Operating Reserve Contribution |  | $(1,755)$ |  | (429) |  | $(1,238)$ |  | $(1,028)$ |  | $(1,053)$ |  | $(1,104)$ |  | $(1,158)$ |  | $(1,214)$ |  | $(1,273)$ |  | $(1,335)$ |  | $(1,410)$ |
| Total - Expenditures \& Transfers | \$ | $(462,822)$ | \$ | $(460,243)$ | \$ | $(486,120)$ | \$ | $(525,110)$ | \$ | $(554,736)$ | \$ | $(596,125)$ | \$ | $(644,033)$ | \$ | $(710,442)$ | \$ | $(768,625)$ | \$ | $(829,922)$ | \$ | $(872,119)$ |
| Net Cash Flow | \$ | 147,463 | \$ | 190,094 | \$ | 198,654 | \$ | 200,752 | \$ | 218,785 | \$ | 228,961 | \$ | 236,173 | \$ | 232,449 | \$ | 241,297 | \$ | 252,244 | \$ | 287,430 |
| Beginning Balance | \$ | 42,431 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 0 | \$ | - | \$ | - | \$ | - |
| Net Cash Flow |  | 147,463 |  | 190,094 |  | 198,654 |  | 200,752 |  | 218,785 |  | 228,961 |  | 236,173 |  | 232,449 |  | 241,297 |  | 252,244 |  | 287,430 |
| Policy Cash-Funded Capital (Transfer to Capital Fund) ${ }^{1}$ |  | $(189,893)$ |  | $(190,094)$ |  | $(198,654)$ |  | $(200,752)$ |  | $(218,785)$ |  | $(228,961)$ |  | $(236,173)$ |  | $(232,449)$ |  | $(241,297)$ |  | $(252,244)$ |  | $(287,430)$ |
| Ending Balance | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 0 | \$ | - | \$ | - | \$ | - | \$ |  |
| Ending Reserve Balances |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Water Quality Operating Liquidity Reserve | \$ | 19,391 | \$ | 19,821 | \$ | 21,059 | \$ | 22,087 | \$ | 23,140 | \$ | 24,244 | \$ | 25,402 | \$ | 26,616 | \$ | 27,889 | \$ | 29,223 | \$ | 30,633 |
| Rate Stabilization Reserve Account | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 | \$ | 46,250 |
| Debt Service Coverage - Parity Bonds (Senior Lien) |  | 2.90x |  | 3.07x |  | 3.16x |  | 2.84x |  | 2.75 x |  | 2.55x |  | 2.62x |  | 2.29x |  | 2.12x |  | 2.03x |  | 2.01x |
| Debt Service Coverage - All-In Debt Service |  | 1.56x |  | 1.73x |  | 1.73x |  | 1.67x |  | 1.68x |  | 1.65 x |  | 1.61x |  | 1.53x |  | 1.50x |  | 1.47x |  | 1.51x |

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## WTD Financial Forecast - Part II

| Wastewater Treatment Division |  | Budget |  | Rate Proposal |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |  | Projected |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Attachment A - Financial Forecast |  | 2023 |  | 2024 |  | 2025 |  | 2026 |  | 2027 |  | 2028 |  | 2029 |  | 2030 |  | 2031 |  | 2032 |  | 2033 |
| Capital Funding Forecast - 3611 \& 3612 (\$ '000) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beginning Balance | \$ | 201,482 | \$ | 247,331 | \$ | 190,094 | \$ | 198,654 | \$ | 200,752 | \$ | 218,785 | \$ | 228,961 | \$ | 236,173 | \$ | 232,449 | \$ | 241,297 | \$ | 252,244 |
| WIFIA Proceeds |  | 44,600 |  |  |  | - |  | 96,845 |  | - |  | - |  | - |  | - |  | - |  | - |  |  |
| State Loan Proceeds |  | 155,148 |  | 34,747 |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Variable Rate Debt Proceeds |  | - |  |  |  | 15,974 |  | 25,690 |  | 37,495 |  | 51,594 |  | 67,370 |  | 90,548 |  | 106,231 |  | 110,163 |  | 106,730 |
| Commercial Paper / Interim Financing |  | 53,313 |  | 27,162 |  | 19,122 |  | 12,595 |  | - |  | - |  | - |  | - |  | - |  | - |  |  |
| Retirement of Interim Financing |  | $(81,615)$ |  | $(8,747)$ |  | - |  | $(93,931)$ |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Net Bond Proceeds |  | - |  | 24,827 |  | 181,158 |  | 229,124 |  | 295,683 |  | 385,666 |  | 508,943 |  | 584,996 |  | 585,100 |  | 502,747 |  | 496,941 |
| Debt Reserve Contribution/(Requirement) |  | 459 |  | 2,352 |  | - |  | - |  | - |  | - |  | - |  | - |  |  |  | - |  | - |
| Grants, Settlements, and Other |  |  |  |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Capital Expenditures |  | $(315,949)$ |  | $(327,672)$ |  | $(406,350)$ |  | $(468,977)$ |  | $(533,930)$ |  | $(656,046)$ |  | $(805,273)$ |  | $(911,717)$ |  | $(923,780)$ |  | $(854,208)$ |  | $(855,914)$ |
| Ending Balance Before Transfers | \$ | 57,438 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ |  |
| Year-end Transfers from Operating Fund |  | 189,893 |  | 190,094 |  | 198,654 |  | 200,752 |  | 218,785 |  | 228,961 |  | 236,173 |  | 232,449 |  | 241,297 |  | 252,244 |  | 287,430 |
| Ending Balance | \$ | 247,331 | \$ | 190,094 | \$ | 198,654 | \$ | 200,752 | \$ | 218,785 | \$ | 228,961 | \$ | 236,173 | \$ | 232,449 | \$ | 241,297 | \$ | 252,244 | \$ | 287,430 |
| Ending Reserve Balances |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capital Liquidity Reserve |  | 5,000 |  | 5,000 |  | 5,000 |  | 5,000 |  | 5,000 |  | 5,000 |  | 5,000 |  | 5,000 |  | 5,000 |  | 5,000 |  | 5,000 |
| Emergency Capital Reserve |  | 15,000 |  | 15,000 |  | 15,000 |  | 15,000 |  | 15,000 |  | 15,000 |  | 15,000 |  | 15,000 |  | 15,000 |  | 15,000 |  | 15,000 |
| Revenue Bonds Reserve Account |  | 126,412 |  | 128,043 |  | 140,004 |  | 159,995 |  | 180,735 |  | 207,437 |  | 242,633 |  | 283,385 |  | 324,504 |  | 360,237 |  | 395,238 |
| State Revolving Fund Reserve Account |  | 981 |  | 219 |  | 219 |  | 176 |  | 133 |  | 133 |  | 133 |  | 68 |  | - |  | - |  | - |

## 2024-2033 Revenue Requirement



## 2024 - 2033 Capital Funding Plan



## WTD Debt Balance and Debt Service Coverage



## WTD Debt and Asset Balances



## 2024 Adopted Capacity Charge and 10-year Projection

| 2024 Capacity Charge Projection | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate | \$72.50 | \$74.23 | \$76.09 | \$77.99 | \$79.94 | \$81.94 | \$83.99 | \$86.09 |  |  |  |
| Increase \% | 3.0\% | 2.4\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% |  |  |  |
| Increase \$ | \$2.11 | \$1.73 | \$1.86 | \$1.90 | \$1.95 | \$2.00 | \$2.05 | \$2.10 |  |  |  |
| Annual Total | \$870 | \$891 | \$913 | \$936 | \$959 | \$983 | \$1,008 | \$1,033 |  |  |  |
| Total Payment (15 years) | \$13,050 | \$13,362 | \$13,696 | \$14,038 | \$14,389 | \$14,749 | \$15,117 | \$15,495 |  |  |  |
| Projected Revenue (000's) | \$92,998 | \$94,877 | \$94,919 | \$95,999 | \$97,045 | \$97,460 | \$97,407 | \$97,505 | \$90,393 | \$78,794 | \$69,361 |

## Key Highlights

- Clean Water Plan paused; performed regular three-year update based on existing methodology established in 2003
- WTD proposed decreasing the annual adjustment to the capacity charge for inflation from $3 \%$ to $2.5 \%$, based on slower connection growth following the COVID-19 pandemic
- There are currently no policy provisions in King County Code to charge the capacity charge beyond 2030 connections
- Continue working with Capacity Charge work group (MWPAAC)


[^0]:    ${ }^{1}$ Includes target original cost depreciation capital funding from rates, plus excess transfer from the operating reserve in 2022

