



AGENDA TRUCKEE MEADOWS WATER AUTHORITY Board of Directors

NEW DAY: Thursday, December 12, 2024 at 10:00 a.m.

NEW VENUE: Washoe County Commission Chambers, 1001 E. 9th St. Reno, NV
MEETING VIA TELECONFERENCE & IN-PERSON

MEMBERS OF THE PUBLIC MAY ATTEND VIA THE WEB LINK, OR
TELEPHONICALLY BY CALLING THE NUMBER, LISTED BELOW.

(be sure to keep your phones or microphones on mute, and do not place the call on hold)

Please click the link below to join the webinar:

https://tmwa.zoom.us/j/89110512999?pwd=9d_RtYZbslqldTYlbUf_eHlyLK2VIw.GjiPvgdr9D35cFrr

Passcode: 771487

Or call:

Phone: (888) 788-0099

Webinar ID: 891 1051 2999

Board Members

Chair Naomi Duerr – City of Reno

Paul Anderson – City of Sparks

Jenny Brekhus – City of Reno

Vice Chair Clara Andriola – Washoe County

Alexis Hill – Washoe County

Devon Reese – City of Reno

NOTES:

1. The announcement of this meeting has been posted at the following locations: Truckee Meadows Water Authority (1355 Capital Blvd., Reno), at <http://www.tmwa.com>, and State of Nevada Public Notice Website, <https://notice.nv.gov/>.
2. TMWA meetings are streamed online at <https://www.youtube.com/@tmwaboardmeetings6598>.
3. In accordance with NRS 241.020, this agenda closes three working days prior to the meeting. We are pleased to make reasonable accommodations for persons who are disabled and wish to attend meetings. If you require special arrangements for the meeting, please call (775) 834-8002 at least 24 hours before the meeting date.
4. Staff reports and supporting material for the meeting are available at TMWA and on the TMWA website at <http://www.tmwa.com/meeting/>. Supporting material is made available to the general public in accordance with NRS 241.020.
5. The Board may elect to combine agenda items, consider agenda items out of order, remove agenda items, or delay discussion on agenda items. Arrive at the meeting at the posted time to hear item(s) of interest.
6. Asterisks (*) denote non-action items.
7. Public comment during the meeting is limited to three minutes and is allowed during the two public comment periods rather than each action item. The public may sign-up to speak during the public comment period or on a specific agenda item by completing a “Request to Speak” card and submitting it to the clerk. In addition to the public comment periods, the Chair has the discretion to allow public comment on any individual agenda item, including any item on which action is to be taken.
8. Written public comment may be provided by submitting written comments online on TMWA’s Public Comment Form (tmwa.com/PublicComment) or by email sent to boardclerk@tmwa.com prior to the Board opening the public comment period during the meeting. In addition, public comments may be provided by leaving a voicemail at (775)834-0255 prior to 4:00 p.m. the day before the scheduled meeting. Voicemail messages received will be noted during the meeting and summarized for entry into the record.
9. In the event the Chair and Vice-Chair are absent, the remaining Board members may elect a temporary presiding officer to preside over the meeting until the Chair or Vice-Chair are present (**Standing Item of Possible Action**).
10. Notice of possible quorum of Western Regional Water Commission: Because several members of the Truckee Meadows Water Authority Board of Directors are also Trustees of the Western Regional Water Commission, it is possible that a quorum of the Western Regional Water Commission may be present, however, such members will not deliberate or take action at this meeting in their capacity as Trustees of the Western Regional Water Commission.
11. The Board may attend and participate in the meeting by means of remote technology system. Members of the public wishing to attend and/or participate by providing public comment may do so either in person at the physical location of the meeting listed above or virtually. To attend this meeting virtually, please log into the meeting using the link and/or phone number noted above. To request to speak, please use the “raise hand” feature or, if on the phone, press *9 to “raise your hand” and *6 to unmute/mute your microphone.

¹ The Board may adjourn from the public meeting at any time during the agenda to receive information and conduct labor-oriented discussions in accordance with NRS 288.220 or receive information from legal counsel regarding potential or existing litigation and to deliberate toward a decision on such matters related to litigation or potential litigation.

1. Roll call*
2. Pledge of Allegiance*
3. Public comment — limited to no more than three minutes per speaker*
4. Possible Board comments or acknowledgements*
5. Approval of the agenda (**For Possible Action**)
6. Recognition of Board Members, Jenny Brekhus, Devon Reese, and former Chair, Kristopher Dahir for their years of service — Naomi Duerr* (**10min**)
7. Approval of the minutes of the October 16, 2024 meeting of the TMWA Board of Directors (**For Possible Action**)
8. Discussion and action on adoption of Resolution No. 330: A resolution to approve the Annual Comprehensive Financial Report (ACFR) for fiscal year ended June 30, 2024 — Sophia Cardinal (**For Possible Action**) (**15min**)
9. Presentation of financial performance for first quarter fiscal year 2025 — Matt Bowman* (**10min**)
10. Report regarding Ombudsman activities from September 2023 through November 2024 and request for Board direction and possible authorization for the General Manager to proceed with Kim Mazeres as Ombudsman for Calendar Year 2025 — Marci Westlake and Kim Mazeres (**For Possible Action**) (**10min**)
11. Water supply update — Bill Hauck* (**5min**)
12. Discussion and action, and possible direction to staff regarding approved 2024-2025 TMWA Goals & Objectives — John Zimmerman (**For Possible Action**) (**5min**)
13. Presentation regarding TMWA emergency management — Jessica Atkinson and Ian Dasmann* (**10 min**)
14. Discussion and action to sign the First Addendum to the Washoe County P25 Radio System Interlocal Agreement of June 2020 — Daniel Nubel (**For Possible Action**) (**5min**)
15. Discussion and action confirming General Manager’s Appointment of four Trustees to the §115 Post-Retirement Medical Plan & Trust for a two-year term from January 1, 2025 through December 31, 2026 — Jessica Atkinson (**For Possible Action**) (**5min**)
16. Discussion and action confirming General Manager’s Appointment of four Trustees to the §501-c-9 Post-Retirement Medical Plan & Trust for a two-year term from January 1, 2025 through December 31, 2026 — Jessica Atkinson (**For Possible Action**) (**5min**)
17. Discussion and action, and possible direction to staff regarding appointments to the Standing Advisory Committee to fill vacancies in existing positions whose terms expire December 31, 2024, such appointments to be made for new terms from January 1, 2025 to December 31, 2026 from the following list of candidates: (1) Fred Arndt, primary representative, residential representative 2; (2) Jordan Hastings, primary representative, At-Large 2; (3) Neil McGuire, primary representative, irrigation customer; (4) Ken McNeil, primary representative, At-Large 1; (5) Dale Sanderson, primary representative, residential representative 1; and (6) Jerry Wager, primary representative, residential representative 3 — Sonia Folsom (**For Possible Action**) (**5min**)

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18. Discussion and action on appointments to the Standing Advisory Committee (SAC) to fill the at-large 1 alternate representative, and other possible vacancies for terms beginning January 1, 2025 to December 31, 2026 from the following pool of candidates listed in alphabetical order: Peggy Rew — Sonia Folsom **(For Possible Action) (5min)**
19. Discussion and action on scheduling regular board meeting dates and times for the Calendar Year 2025 — Sonia Folsom **(For Possible Action) (5min)**
20. General Manager's Report* **(5min)**
21. Public comment — limited to no more than three minutes per speaker*
22. Board comments and requests for future agenda items*
23. Adjournment **(For Possible Action)**

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TRUCKEE MEADOWS WATER AUTHORITY
DRAFT MINUTES OF THE OCTOBER 16, 2024
MEETING OF THE BOARD OF DIRECTORS

The Board of Directors met on Wednesday, October 16, 2024 at Truckee Meadows Water Authority Independence Meeting Room. Chair Duerr called the meeting to order at 10:15 a.m.

1. ROLL CALL

Directors Present: Paul Anderson, Clara Andriola, Kristopher Dahir, and Naomi Duerr.

Directors Absent: Jenny Brekhus, Alexis Hill and Devon Reese.

A quorum was present.

2. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Chair Duerr.

3. PUBLIC COMMENT

Jonathon Rouse, a retired TMWA Heavy Foreperson, shared his opinion of a lack of recognition for retirees, issues with fleet maintenance, outdated vehicles, and the need for better tools and equipment for staff for fixing water leaks.

4. POSSIBLE BOARD COMMENTS OR ACKNOWLEDGEMENTS

Chair Duerr thanked John Zimmerman, General Manager, and staff for working on the continuous flooding in Sparks for the last several months as well as finding the source of the leak.

5. APPROVAL OF THE AGENDA

Upon motion by Director Anderson, second by Director Dahir, which motion duly carried by unanimous consent of the Directors present, the Board approved the agenda.

6. APPROVAL OF THE MINUTES OF THE SEPTEMBER 18, 2024 MEETING OF THE TMWA BOARD OF DIRECTORS

Upon motion by Director Anderson, second by Director Andriola, which motion duly carried by unanimous consent of the Directors present, the Board approved the September 18, 2024 minutes.

7. DISCUSSION AND ACTION REGARDING GENERAL MANAGER PERFORMANCE REVIEW FOR CONTRACT YEAR 2023-2024

Jessica Atkinson, Human Resources Director, presented the general manager's performance review and proposed compensation adjustment for 2024-2025.

Board Members praised Mr. Zimmerman for his outstanding performance and leadership. They highlighted his ability to foster teamwork, his accessibility, and effective water supply management, employee development, and financial stewardship.

Upon motion by Director Dahir, second by Director Andriola, which motion duly carried by unanimous consent of the Directors present, the Board approved the general manager performance review for contract year 2023-2024 and to increase the general manager's compensation effective 07/01/2024 by \$2,278 annually, bringing his FY2025 total annual compensation adjustment to the contractual cap of 10%.

8. DISCUSSION AND ACTION ON REQUEST FOR BOARD INPUT AND ACCEPTANCE OF GENERAL MANAGER PERFORMANCE OBJECTIVES FOR CONTRACT YEAR 2024-2025

Mr. Zimmerman outlined goals for the upcoming year, including water resource planning, community presence, process improvements, and succession planning including the 2025-2045 Water Resource Plan update, community engagement through tours and public meetings, process improvements such as paperless billing and optimizing hydro generation, succession planning and leadership development, and continued work on the American Flat project and upstream watershed protection.

The Board requested additional goals to be added.

Upon motion by Director Dahir, second by Director Anderson, which motion duly carried by unanimous consent of the Directors present, the Board accepted the general manager performance objectives for contract year 2024-2025 with three additional goals: (1) continue to pursue grant funding for projects and to coordinate efforts with local jurisdictions; (2) monetary efficiency related to keeping rates low or not increase rates if feasible; and (3) coordinate with Western Regional Water Commission regarding water quality data.

9. WATER SUPPLY UPDATE

Bill Hauck, our Water Supply Supervisor, presented an encouraging update on the state of our water resources. Thanks to another above-average snowpack for a second consecutive year, upstream reservoirs are full, ensuring a healthy water supply for the foreseeable future. Mr. Hauck emphasized that our region's water supply outlook remains strong, and we continue to recharge groundwater sources as part of our long-term drought management strategy. This means we can approach the next

two years with confidence, as we have sufficient reserves to meet customer needs, even in dry conditions. Also, we can project normal river flows through 2025.

10. PRESENTATION OF TMWA'S FISCAL YEAR 2024 CUSTOMER SATISFACTION STUDY

Robert Charpentier, Communications Specialist, presented the staff report.

The Board expressed appreciation for including the customer comments, and all of staff's efforts to ensure customer satisfaction.

11. DISCUSSION AND ACTION, AND POSSIBLE DIRECTION TO STAFF REGARDING FUNDING PLAN

Matt Bowman, Chief Financial Officer, presented an update on the FY 2025-2029 funding plan, which includes 4.0% and 3.5% rate increases in May 2025 and 2026, respectively.

Upon motion by Director Andriola, second by Director Anderson, which motion duly carried by unanimous consent of the Directors present, the Board approved the FY 2025 – 2029 Funding Plan.

12. PRESENTATION OF TMWA GOALS AND OBJECTIVES RESULTS FOR FISCAL YEAR 2024

Mr. Zimmerman presented the results for TMWA's FY 2024 goals and objectives.

The Board commended staff on a good performance and setting realistic measures.

13. DISCUSSION AND ACTION, AND POSSIBLE DIRECTION TO STAFF ON THE PROPOSED TMWA GOALS AND OBJECTIVES FOR FISCAL YEAR 2025

Mr. Zimmerman presented the proposed FY 2025 goals and objectives.

Chair Duerr requested additional goals to be added and for this item to return to the next Board meeting so that the Board Members absent today can provide their input.

Upon motion by Director Dahir, second by Director Andriola, which motion duly carried by unanimous consent of the Directors present, the Board approved the proposed TMWA goals and objectives for fiscal year 2025 with additional direction that staff provide the Board an overview of water system pressures and back-up electrical generation needs; update the Board as appropriate with potential water system consolidations; and continue working on process improvements and coordinating with other utilities and agencies on permitting efficiencies.

14. GENERAL MANAGER’S REPORT

Mr. Zimmerman mentioned staff, in collaboration with The Nature Conservancy, had another successful Independence Lake clean-up, our 3rd Annual event; noted that Andy Gebhardt, Director of Distribution, will be retiring on July 4, 2025 and have promoted Ryan Dixon from within to replace Mr. Gebhardt; and thanked staff for their hard work and the board for their input on the goals and his review.

15. PUBLIC COMMENT

There was no public comment.

16. BOARD COMMENTS AND REQUESTS FOR FUTURE AGENDA ITEMS

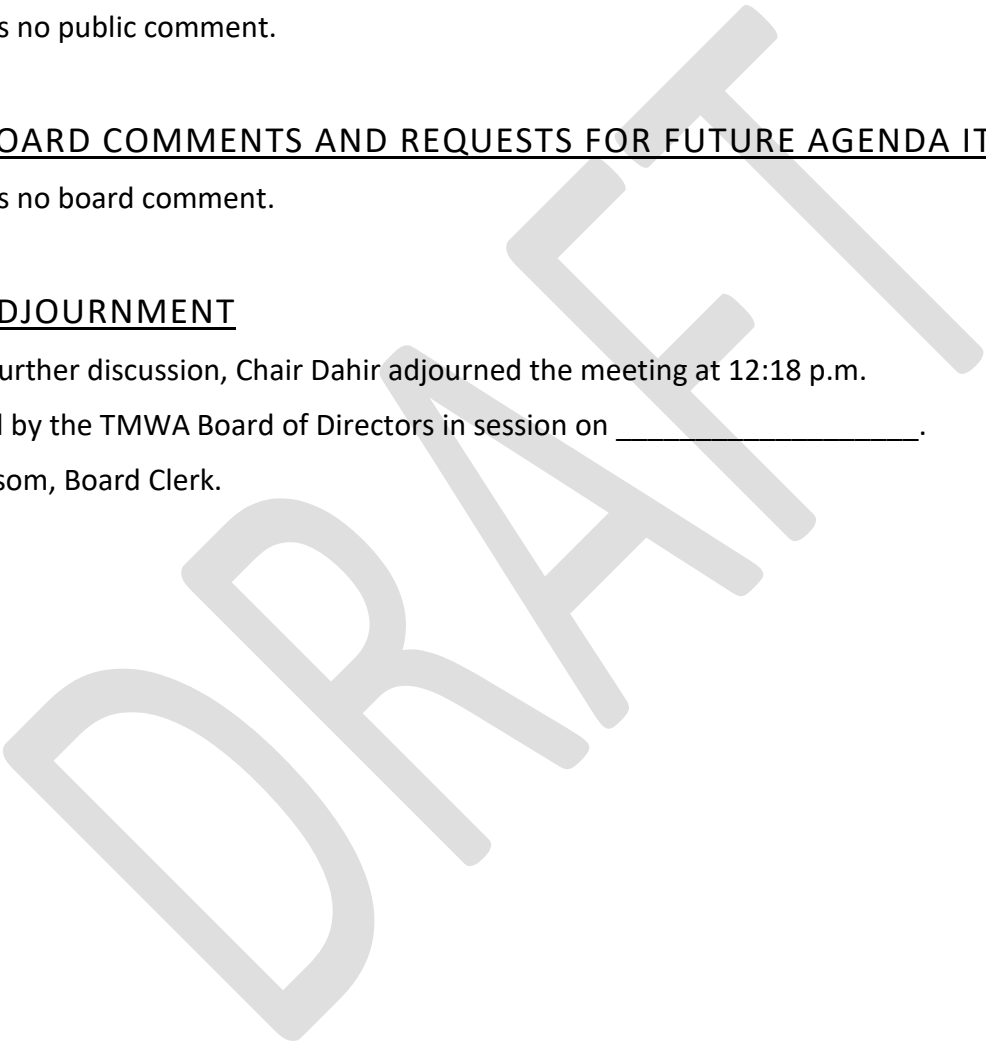
There was no board comment.

17. ADJOURNMENT

With no further discussion, Chair Dahir adjourned the meeting at 12:18 p.m.

Approved by the TMWA Board of Directors in session on _____.

Sonia Folsom, Board Clerk.





To: TMWA Board of Directors
Thru: John R. Zimmerman, General Manager
From: Sophie Cardinal, Financial Controller
Date: November 27, 2024
Subject: **Discussion and action on adoption of Resolution No. 330: A resolution to approve the Annual Comprehensive Financial Report for fiscal year ended June 30, 2024**

Recommendation

TMWA staff recommends the Board approve the Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2024, by adoption of resolution and requests direction to the Chief Financial Officer to forward the appropriate documentation to the State of Nevada Department of Taxation (NDT) within the prescribed deadline.

Summary

Pursuant to Nevada Revised Statute 354.624, TMWA is required to provide an annual audit of its financial statements as reported in its ACFR. The financial audit must be conducted in accordance with generally accepted auditing standards in the United States, including findings on compliance with statutes and regulations, and an expression of opinion on the financial statements. The audit must also be conducted by a certified public accountant and be completed by November 30th.

The report, opinion, and findings of the auditor contained in the ACFR must be presented at a TMWA Board meeting held not more than 30 days after the report is completed. Immediately thereafter, the entire report, together with the management letter required by generally accepted auditing standards in the United States, must be filed with the Board clerk, the County clerk, and the NDT.

TMWA's ACFR for the fiscal year ended June 30, 2024, has been audited by Eide Bailly LLP. The ACFR includes the letter of transmittal, management's discussion and analysis, the audit report, the financial statements, required supplementary information, statistical schedules, and the compliance section. The financial statements include the Statements of Net Position (Balance Sheets); Statements of Revenues, Expenses and Changes in Net Position (Income Statements); Statements of Cash Flows; and Statements of Fiduciary Net Position and Changes in Fiduciary Net Position for TMWA's Other Postemployment Benefit Trust Funds.

Financial Performance

Complete information on TMWA's financial performance for the fiscal year ended June 30, 2024, is shown in the ACFR. Management's Discussion and Analysis in the financial section also provides a detailed discussion of comparative financial performance with the previous fiscal year.

A summary of TMWA's overall financial performance for the fiscal year ended June 30, 2024, is shown below:

- Assets and deferred outflow of resources totaled \$1,376.5 million.
- Liabilities and deferred inflow of resources totaled \$439.8 million.
- Net position totaled \$936.6 million.
- The change in net position (net income) totaled \$46.1 million.
- Cash and cash equivalents totaled \$20.2 million and increased \$11.1 million from the prior year.
- Debt totaled \$327.9 million and decreased \$23.2 million from the prior year.
- Federal grant expenditures totaled \$9.7 million and warranted a Single Audit.

Audit Results

Eide Bailly LLP opined that the financial statements present fairly, in all material respects, the financial position of the business-type activities, and the fiduciary activities of TMWA, as of June 30, 2024 and 2023, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America (GAAP). This is considered an unqualified audit opinion and is the highest level of opinion an auditor can render.

In planning and performing the audit of the financial statements, Eide Bailly LLP considered TMWA's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing their opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of TMWA's internal control. Accordingly, Eide Bailly LLP did not express an opinion on the effectiveness of TMWA's internal control. Their consideration of internal control was for the limited purpose described above and was not designed to identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. Eide Bailly LLP is required, however, to communicate to those charged with governance all material weaknesses and significant deficiencies identified during the audit. A material weakness in internal control was identified during the audit of the fiscal year ended June 30, 2024. The material weakness was related to a classification error in the calculation of restricted net position where accrued interest was not recorded as an offset to amounts restricted for debt service.

Eide Bailly LLP also performed a single audit to evaluate TMWA's use of federal funds. Eide Bailly LLP opined that TMWA complied, in all material respects, with the compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on its major federal program for the year ended June 30, 2024. Further, Eide Bailly LLP did not identify any material weaknesses or significant deficiencies in internal control during the single audit of the fiscal year ended June 30, 2024.

Additional Reporting

In conjunction with the ACFR, TMWA is also pleased to publish the Popular Annual Financial Report (PAFR) for the fiscal year ended June 30, 2024. TMWA recognizes that the ACFR, while it maintains compliance with GAAP and other standards, is often complicated and too detailed for those without an accounting background. The PAFR is therefore presented as a summarized version of the ACFR, specifically designed to highlight essential elements and often in a more visually striking way. TMWA intends for the PAFR to increase transparency, accountability, and communication with interested parties.

Recommended Motion

Move to adopt Resolution No. 330 to approve the Annual Comprehensive Financial Report for fiscal year ended June 30, 2024.



November 26, 2024

To the Board of Directors
Truckee Meadows Water Authority
Reno, Nevada

We have audited the financial statements of Truckee Meadows Water Authority (“TMWA”) as of and for the year ended June 30, 2024, and have issued our report thereon dated November 26, 2024. Professional standards require that we advise you of the following matters relating to our audit.

Our Responsibility in Relation to the Financial Statement Audit under Generally Accepted Auditing Standards and *Government Auditing Standards* and our Compliance Audit under the Uniform Guidance

As communicated in our letter dated August 23, 2024, our responsibility, as described by professional standards, is to form and express an opinion about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America and to express an opinion on whether the System complied with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of TMWA’s major federal programs. Our audit of the financial statements does not relieve you or management of its respective responsibilities.

Our responsibility, as prescribed by professional standards, is to plan and perform our audit to obtain reasonable, rather than absolute, assurance about whether the financial statements are free of material misstatement. An audit of financial statements includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity’s internal control over financial reporting. Accordingly, as part of our audit, we considered the internal control of TMWA solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

Our responsibility, as prescribed by professional standards as it relates to the audit of TMWA’s major federal program compliance, is to express an opinion on the compliance for each of TMWA’s major federal programs based on our audit of the types of compliance requirements referred to above. An audit of major program compliance includes consideration of internal control over compliance with the types of compliance requirements referred to above as a basis for designing audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, as a part of our major program compliance audit, we considered internal control over compliance for these purposes and not to provide any assurance on the effectiveness of TMWA’s internal control over compliance.

We are also responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures for the purpose of identifying other matters to communicate to you.

We have provided our comments regarding internal controls during our audit in our Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards* dated November 26, 2024. We have also provided our comments regarding compliance with the types of compliance requirements referred to above and internal controls over compliance during our audit in our Independent Auditor's Report on Compliance with Each Major Federal Program and Report on Internal Control Over Compliance Required by the Uniform Guidance dated November 26, 2024.

Planned Scope and Timing of the Audit

We conducted our audit consistent with the planned scope and timing we previously communicated to you.

Compliance with All Ethics Requirements Regarding Independence

The engagement team, others in our firm, as appropriate, our firm, and other firms utilized in the engagement, if applicable, have complied with all relevant ethical requirements regarding independence.

Qualitative Aspects of the Entity's Significant Accounting Practices

Significant Accounting Policies

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by TMWA is included in Note 1 to the financial statements. There have been no initial selection of accounting policies and no changes in significant accounting policies or their application during year ended June 30, 2024, except for the implementation of GASB Statement No. 100, *Accounting Changes and Error Corrections-an amendment of GASB Statement No. 62*, as disclosed in the financial statements. No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect fo significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments. The most sensitive accounting estimates affecting the financial statements are:

- Liability and related amounts for pension benefits
- Liability and related amounts for postemployment benefits other than pensions (OPEB)
- Receivable for delivered but unbilled water sales revenue
- Allocation of administrative costs to capital assets
- Valuation of developer dedicated infrastructure and other donated capital assets

Management's estimate of the pension liability is based on actuarial valuation, which is calculated based on the employee information submitted by TMWA to the Public Employees' Retirement System of the State of Nevada (PERS). Management's estimate of the actuarial accrued liability for OPEB is based on third party actuarial valuation, which is calculated based on information submitted by TMWA to the actuary. Management's estimate of the delivered but unbilled water sales revenue is based upon number of days in the cycle and water usage. Management's estimate of the allocation of administrative costs to capital assets is based upon the year-to-date construction salaries and wages relative to total construction and indirect salaries and wages. Management's estimate of the value of the developer dedicated infrastructure and other donated capital assets is based on acquisition value (as defined under GASB Statement No. 72) using engineering cost indices at the time of dedication or donation. We evaluated the key factors and assumptions used to develop these accounting estimates and determined that they are reasonable in relation to the financial statements taken as a whole.

Financial Statement Disclosures

Certain financial statement disclosures involve significant judgment and are particularly sensitive because of their significance to financial statement users. The most sensitive disclosures affecting TMWA's financial statements relate to:

- Disclosures related to pension and OPEB benefits

Significant Difficulties Encountered during the Audit

We encountered no significant difficulties in dealing with management relating to the performance of the audit.

Uncorrected and Corrected Misstatements

For purposes of this communication, professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that we believe are trivial, and communicate them to the appropriate level of management. Further, professional standards require us to also communicate the effect of uncorrected misstatements related to prior periods on the relevant classes of transactions, account balances or disclosures, and the financial statements as a whole. Uncorrected misstatements or matters underlying those uncorrected misstatements could potentially cause future-period financial statements to be materially misstated, even though the uncorrected misstatements are immaterial to the financial statements currently under audit. There were no uncorrected misstatements identified as a result of our audit procedures.

The following misstatements that we identified as a result of our audit procedures were brought to the attention of, and corrected by, management:

Restatement of June 30, 2023 net position related to restricted debt service

Restricted for Debt Service	\$7,524,072	
Unrestricted		\$7,524,072

Adjustment of June 30, 2024 net position related to restricted debt service

Restricted for Debt Service	\$6,838,348	
Unrestricted		\$6,838,348

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a matter, whether or not resolved to our satisfaction, concerning a financial accounting, reporting, or auditing matter, which could be significant to the financial statements or the auditor’s report. No such disagreements arose during the course of the audit.

Circumstances that Affect the Form and Content of the Auditor’s Report

For purposes of this letter, professional standards require that we communicate any circumstances that affect the form and content of our auditor’s report. As discussed in Note 14 to the financial statements, certain errors resulting in net position being misclassified between restricted for debt service, restricted for net other postemployment benefits and unrestricted net position, was discovered by management of TMWA during the current year. Accordingly, a restatement has been made to net position as of July 1, 2023, to correct the errors. Our opinions are not modified with respect to that matter.

Representations Requested from Management

We have requested certain written representations from management that are included in the management representation letter dated November 26, 2024.

Management’s Consultations with Other Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters. Management informed us that, and to our knowledge, there were no consultations with other accountants regarding auditing and accounting matters.

Matters Resulting in Consultation outside the Engagement Team

The following significant and relevant matters resulted in consultations outside of our engagement team:

During the year ended June 30, 2024, TMWA determined that the net position restricted for net other postemployment benefits should be calculated differently in the current year. TMWA has a net OPEB asset, and in FY 2023, presented the restricted net position as the net OPEB asset plus deferred outflows of resources of asset less deferred inflows of resources. During FY2024 it was determined that they should not include the deferred inflows/outflows of resources in the calculation of restricted net position related to OPEB. Due to the change in evaluation, and the lack of clear authoritative guidance, a technical inquiry was submitted to the Governmental Accounting Standards Board (“GASB”) to confirm appropriate interpretation of GASB Statements and GASB Implementation Guides.

Other Significant Matters, Findings, or Issues

In the normal course of our professional association with TMWA, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, significant events or transactions that occurred during the year, operating conditions affecting the entity, and operating plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as TMWA's auditors.

Other Information Included in Annual Reports

Pursuant to professional standards, our responsibility as auditors for other information, whether financial or nonfinancial, included in TMWA's annual reports, does not extend beyond the financial information identified in the audit report, and we are not required to perform any procedures to corroborate such other information. However, in accordance with such standards, we have:

- Read the other information and considered whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated.

Our responsibility also includes communicating to you any information which we believe is a material misstatement of fact. Nothing came to our attention that caused us to believe that such information, or its manner of presentation, is materially inconsistent with the information, or manner of its presentation, appearing in the financial statements.

Other Matters

The basic financial statements include the financial statements of TMWA and the Truckee Meadows Water Authority OPEB Trust Fund and the Truckee Meadows Water Authority Post-Retirement Medical Plan & Trust, both fiduciary component units of TMWA, which we considered to be significant components of the basic financial statements. Consistent with the audit of the basic financial statements as a whole, our audits included obtaining an understanding of TMWA, the Truckee Meadows Water Authority OPEB Trust Fund and the Truckee Meadows Water Authority Post-Retirement Medical Plan & Trust and their environment, including internal control, sufficient to assess the risks of material misstatement of the basic financial statements of TMWA, the Truckee Meadows Water Authority OPEB Trust Fund and the Truckee Meadows Water Authority Post-Retirement Medical Plan & Trust and completion of further audit procedures.

This report is intended solely for the information and use of the TMWA Board of Directors and management of TMWA and is not intended to be and should not be used by anyone other than these specified parties.



Reno, Nevada

Truckee Meadows Water Authority

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Truckee Meadows Water Authority
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June 30, 2024 and 2023

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November 27, 2024

To the Board of Directors, Our Customers, and Bondholders:

We are pleased to submit the Annual Comprehensive Financial Report (Annual Report) for the Truckee Meadows Water Authority (TMWA) for the fiscal year ended June 30, 2024. The purpose of the report is to provide the Board of Directors (Board), our customers, and bondholders as well as other interested parties with reliable financial information about TMWA. TMWA's Finance Department has prepared the Annual Report in accordance with Generally Accepted Accounting Principles (GAAP).

Management assumes full responsibility for the completeness and reliability of the information contained in this Annual Report, based upon a comprehensive framework of internal control established for this purpose. Because the cost of internal control should not exceed benefits, the objective is to provide reasonable rather than absolute assurance that the financial statements are free of any material misstatements.

Nevada Revised Statutes and bond covenants require that an independent certified public accounting firm selected by the Board audit TMWA's financial statements on an annual basis. Eide Bailly LLP, a firm of licensed certified public accountants, has audited TMWA's basic financial statements as of and for the fiscal years ended June 30, 2024 and 2023. The independent auditor's report is presented in the Financial Section of this report. TMWA complies with the Local Government Budget and Finance Act as embodied in Chapter 354 and Public Investments as embodied in Chapter 355 of the Nevada Revised Statutes.

The Annual Report consists of four sections:

Introductory Section - This section is comprised of the letter of transmittal which contains information relative to TMWA's background, a listing of TMWA's principal officers, organizational chart, and other relevant information to assist the reader in understanding TMWA's operations, financial condition, and accomplishments.

Financial Section - This section consists of TMWA's basic financial statements, supplementary financial information, and the independent auditor's report on the basic financial statements. This section also includes Management's Discussion and Analysis (MD&A), which provides a narrative overview and explanation of the results reflected in the basic financial statements. The financial statements presented in this section were prepared in accordance with GAAP. TMWA's financial activities are reported as an enterprise fund (proprietary fund type).

Statistical Section - This section is comprised of selected financial, operational, and demographic information presented annually and includes statistics for the past ten years.

Compliance Section - This section consists of information regarding TMWA's compliance with standards and audit requirements. In particular, this section reports on TMWA's conformance with auditing standards generally accepted in the United States of America (GAAS), *Government*



Auditing Standards issued by the Comptroller General of the United States, and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200 (Uniform Guidance).

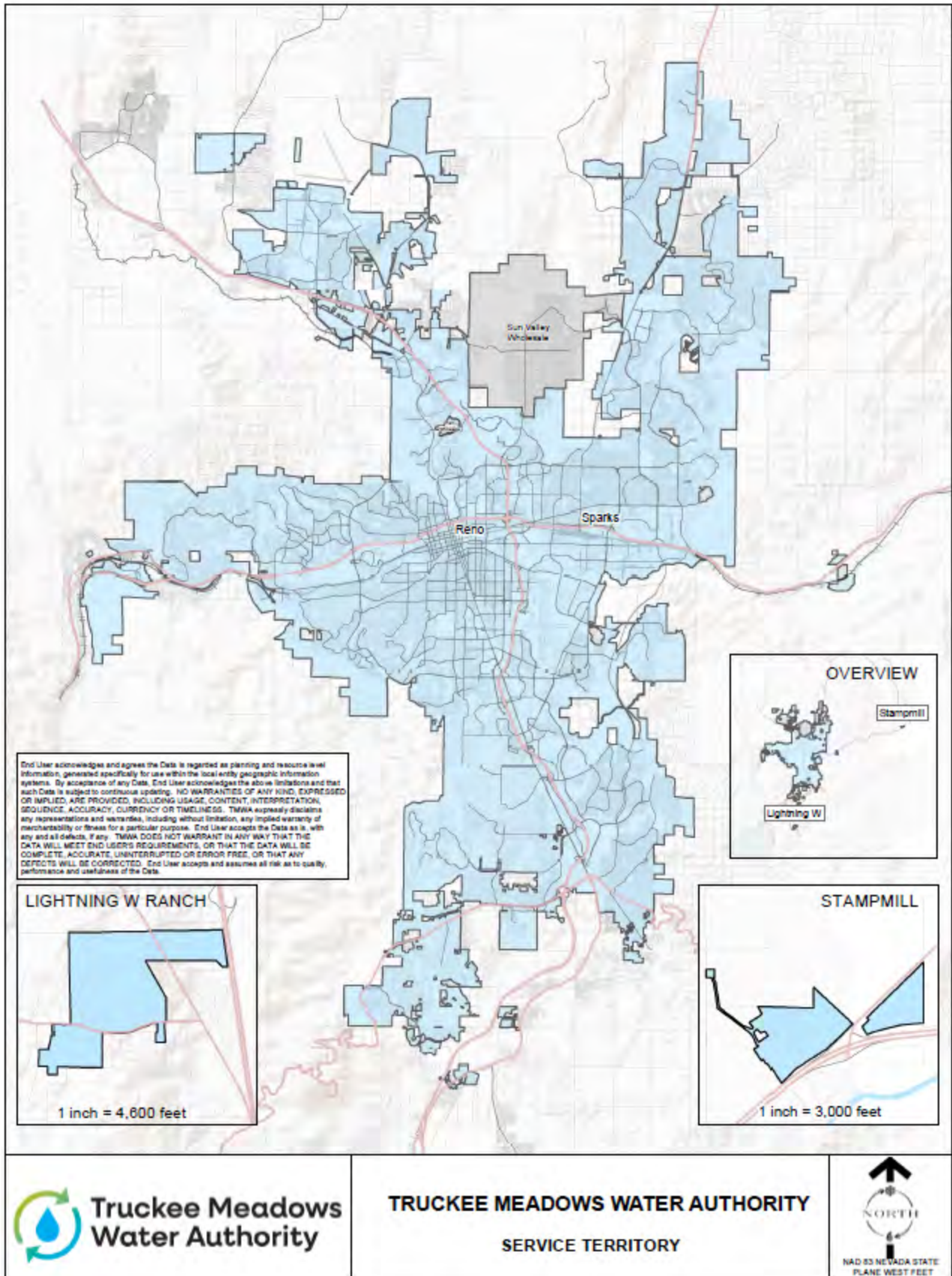
REPORTING ENTITY

TMWA was formed as a Joint Powers Authority (JPA) pursuant to Chapter 277 of the Nevada Revised Statutes and is a political subdivision of the State of Nevada. TMWA is separate from its member agencies: City of Reno, City of Sparks, and Washoe County. TMWA was formed in November 2000 for the purpose of acquiring the assets of the water division of Sierra Pacific Power Co. (SPPCo), a subsidiary of Sierra Pacific Resources, now known as NV Energy, with the goal of retaining local control over the water resources of the area. TMWA took over the water system assets on June 11, 2001. Amendments to the JPA were approved by the member agencies and the Attorney General's Office of the State of Nevada effective February 3, 2010. The amendments were made in anticipation of the consolidation of TMWA, Washoe County's water utility, and another water utility named South Truckee Meadows General Improvement District (STMGID). The consolidation of the water utilities occurred on January 1, 2015 with TMWA as the continuing entity. There are no component units associated with this financial reporting entity.

TMWA has no financial interdependence with its member agencies. TMWA has broad powers to finance, construct and operate the water system, for the diversion, treatment, distribution, and sale of treated water to retail and wholesale customers. TMWA has full authority to set water rates for services subject to the approval of the TMWA Board, without approval by other entities. TMWA is a tax-exempt entity for purposes of federal taxes and State of Nevada property and sales and use taxes, and other state taxes. TMWA pays property taxes in Nevada and Sierra Counties of California for the privilege of storing water in private and federal reservoirs. TMWA has no taxing authority.

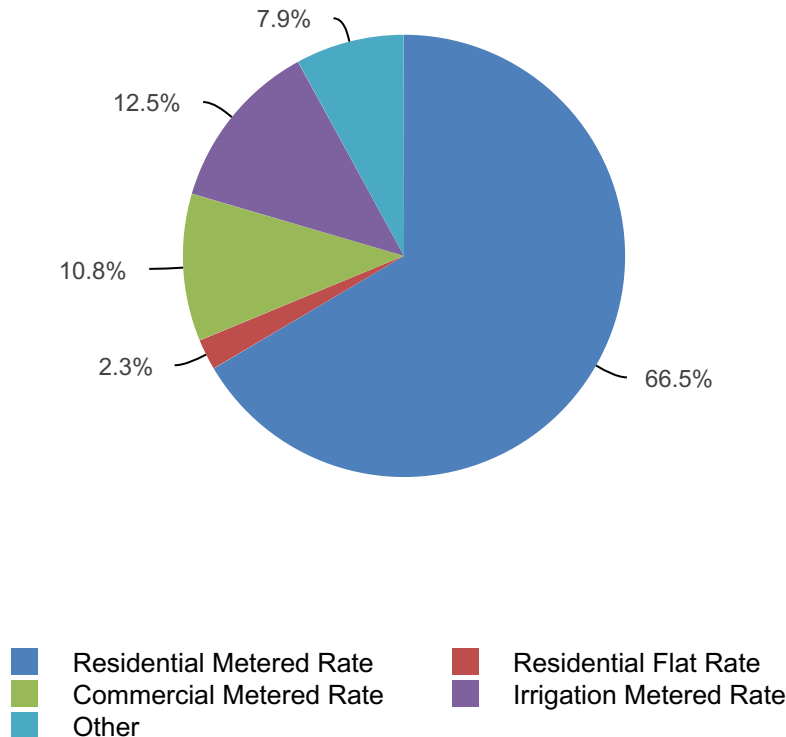
TMWA has over 140,000 service connections and two wholesale customers. TMWA operates within the Truckee Meadows Service Area. TMWA has only one significant wholesale customer, the Sun Valley General Improvement District (SVGID) located north of the Reno-Sparks main metropolitan area. SVGID is wholly dependent upon TMWA water deliveries as this district has no source of water supply. There is one water delivery contract associated with this wholesale connection.

The map on the following page reflects TMWA's service territory.



The following graph depicts the proportion of operating revenues by class for fiscal year 2024:

TMWA Operating Revenues \$122.4 Million



The metering of the water system, which began under Sierra Pacific in 1995, presents various operational solutions for TMWA. These solutions present the opportunity to collect accurate data on water usage by customer class. This allows TMWA to make more accurate cost of service analyses, to make water rates more equitable across customer classes, and to better anticipate future water resource and water facility requirements. Since the acquisition of the water system, TMWA has metered nearly 100% of water services. Currently, there are approximately less than 650 water services that do not have a meter installed and are billed on a flat rate. These are problematic and relatively expensive services to convert to meters with multiple customers on a single service line.

The Board adopted a goal in August 2003 of maintaining a senior lien debt coverage ratio of at least 1.50 times recurring revenues less operating expenses divided by annual senior lien debt service. This calculation excludes developer facility charges and other fees associated with new development. This target is sufficient to meet minimum debt service coverage requirements, fund reconstruction of the water system on a pay-go basis, and manage TMWA’s senior lien bonding capacity to allow for potential future senior lien bond sales if necessary. These measures were deemed necessary to maintain water system infrastructure in a prudent manner and ensure that TMWA’s bondholders are adequately protected. There are no other restrictions, commitments, or other limitations that would restrict the unrestricted cash assets for use in meeting TMWA's

obligations. TMWA's senior lien debt coverage was approximately 1.42x and with certain developer fees and charges was approximately 2.10x as of June 30, 2024. The senior lien debt coverage ratio was lower than the Board adopted goal of 1.50x primarily due to increased operating expenses in fiscal years 2023 and 2024. TMWA experienced significant inflationary impacts on services and supplies such as electric power in fiscal year 2023. Although inflation has slowed in 2024, the base prices for services and supplies remain elevated.

ECONOMIC OUTLOOK AND WATER RESOURCES

The Reno-Sparks metropolitan area enjoys a moderate climate, offers a wide variety of year-round recreational opportunities, and has a favorable tax structure. It is also centrally located in the Pacific region affording efficient distribution of goods throughout the western United States. Northern Nevada's favorable business tax environment nurtures steady growth in TMWA's service area and nearby communities in manufacturing, distribution, warehousing and industrial businesses. TMWA's service area has experienced steady growth since TMWA's inception in 2001. With a population of approximately 353,000 in 2001, Washoe County's population has grown 41% to almost 498,000 in 2023.

Reflecting a diverse and strong regional economy, taxable sales in Washoe County remained steady in fiscal year 2024 with only a slight decrease of 2% from the prior year. Prior to fiscal year 2024, Washoe County experienced taxable sales increases of 1% and 11% in fiscal years 2023 and 2022, respectively. Washoe County's unemployment rate remains stable and is less than one percent greater than the national unemployment rate. At June 30, 2024, Washoe County's unemployment rate was 5.0% compared to the national unemployment rate of 4.1%.

To ensure appropriate and responsible water resource availability for current and future water demands, TMWA prepares and frequently updates a detailed [Water Resource Plan](#) (WRP). The TMWA Board approved the most recent iteration of the WRP in October 2020 for the years 2020-2040. The WRP was previously updated in fiscal year 2016 and covered years 2016-2035. The WRP addresses current water resources, future water resources and water rights availability, defined drought standards and most recently, impacts of climate change. These analyses performed in the most recent WRP conclude that TMWA can utilize the aforementioned water resources to meet incremental water demands required by growth for the next twenty years and beyond. The focal point of the WRP is the population and water demand forecasts for the TMWA service territory.

To complement this water resource planning effort, TMWA prepares and frequently updates a comprehensive [Water Facility Plan](#) (WFP). The TMWA Board approved the most recent iteration of the WFP in October 2023 for the years 2020-2040. The WFP was previously updated in October 2019 and covered years 2015-2035. The original WFP was adopted by the TMWA Board in December 2004 and updated in 2010. The WFP evaluates the infrastructure required to supply, treat, and deliver water to customers over the life of the plan and determines infrastructure requirements needed in the Capital Improvement Plan to serve growth based upon population and water demand forecasts in the WRP.

Since inception, TMWA has made and will continue to make strategic water rights acquisitions to ensure sufficient inventory of water rights are available to issue will-serve commitments for the foreseeable future. Any given year, as much as 80% or more of the water supply to TMWA's

service area is supplied from surface water from the Truckee River. As such, TMWA played a critical role in negotiating and implementing the Truckee River Operating Agreement (TROA). TMWA is a primary signatory to the TROA along with the Pyramid Lake Paiute Tribe (PLPT), the States of Nevada and California, and U.S. Department of the Interior. TROA provides TMWA customers with benefits, prescribing operation of the Truckee River system that provides additional drought supplies for existing as well as new customers. These lengthy and complex negotiations, which include interstate allocations of Truckee River water rights, were concluded when TROA was signed by the aforementioned parties on September 6, 2008 at a signing ceremony in Reno. TMWA made available to the PLPT certain water rights that met requirements to put TROA into effect in October 2015. In November 2015, remaining related lawsuits were dismissed, and TROA became effective December 1, 2015 providing significant additional drought resources for TMWA's service area and completing a multi-decade effort.

TMWA owns and operates 27,000 acre-feet of Privately Owned Stored Water reservoir storage comprised of 9,500 and 17,500 acre-feet in Donner Lake and Independence Lake, respectively (both owned and controlled by TMWA). In addition to the owned storage, as a result of TROA, TMWA can access additional storage capacity in certain federal lakes and reservoirs, including Lake Tahoe. As of June 30, 2024, TMWA had 40,000 acre feet stored in these TMWA owned and federally operated reservoirs.

The region experienced an above average winter for the second year in a row. The water supply outlook for our region is extremely positive with Lake Tahoe reaching its legal maximum elevation and all other reservoirs on the Truckee River system full or nearly full. From a water supply perspective, the region is positioned well. As of June 30, 2024, the total upstream reservoir storage was at 95% of capacity. Truckee River reservoirs will have as much carry-over storage as is legally possible heading into the 2024/2025 winter, as will TMWA with its privately-owned water in Donner and Independence lakes, and water stored in federal reservoirs under the terms of TROA. This ensures that the region can expect normal Truckee River flows for at least the next two years, regardless of the amount of precipitation in the 2024/2025 winter. TMWA will continue to utilize the provisions of TROA to maximize upstream storage opportunities and make the most efficient use of water resources for the region. TMWA is well-positioned to continue to provide a reliable source of high quality drinking water to its customers for years to come.

Drought

Although the region is not in a drought currently, droughts will inevitably occur again. Fortunately for the community, TMWA's integrated approach to water resource management has positioned it well to withstand even the most severe drought. With TMWA's numerous sources of supply including surface water rights directly from the Truckee River, an extensive network of upstream reservoirs, drought storage under TROA, an ample supply of groundwater resources from more than 80 production wells, banked groundwater from years of aquifer storage and recovery efforts, and the interbasin transfer of water from the Honey Lake project, TMWA is confident that it has an extremely robust and drought resilient supply of water to meet the anticipated drinking water needs of its customers for decades to come, independent of the weather.

Advanced Purified Water Program

TMWA is confident in its ability to meet the community's potable water needs for decades to come. Regardless, staff and leadership are dedicated to preparing for potential needs that are beyond the horizon. In this spirit, TMWA is participating in a multi-organizational effort to study the feasibility of producing Category A+ Advanced Purified Water (APW). This research collaboration is known as OneWater Nevada and includes TMWA; City of Reno; City of Sparks; Washoe County; the University of Nevada, Reno; Truckee Meadows Water Reclamation Facility; the Western Regional Water Commission, and the Northern Nevada Water Planning Commission. OneWater Nevada continues to evaluate the feasibility of using treated effluent from regional water reclamation facilities and applying a combination of advanced water treatment steps with natural groundwater purification processes to allow for aquifer storage and recovery of the APW. The treatment approach is regulated to rigorous state and federal drinking water standards and may potentially create a future supplemental water supply for potable or other high-quality uses.

TMWA has contributed to the operation and funding of OneWater Nevada since the effort began in 2016. This participation has included the construction and operation of a small-scale pilot treatment facility at the Reno Stead Water Reclamation Facility (RSWRF), a hydrogeological study at American Flat, management of groundwater recharge and recovery facilities, and overall technical and operational support. Through an Interlocal Agreement (ILA) with City of Reno, a Basis of Design Report for the RSWRF American Flat Advanced Purified Water (APW) Aquifer Storage and Recovery Project was completed in fiscal year 2021. Leveraging the information from this Report, TMWA and City of Reno have executed an ILA for a cost sharing agreement for construction of a two million gallon per day (MGD) APW treatment facility. This facility will take several years to build with construction activities expected to commence in Fall 2025, subject to final TMWA Board and Reno City Council approval.

WATER QUALITY

TMWA's highest priority is the protection of public health through modern water treatment techniques and water quality monitoring efforts. TMWA's primary source of water is the Truckee River, which sources at Lake Tahoe and other tributaries. The Truckee River travels into Nevada through the Reno-Sparks Metropolitan area and terminates at Pyramid Lake, a distance of approximately 120 miles. The river's natural water quality is excellent; however, additional steps are taken to purify the water to meet safe drinking water standards that were set forth by the United States Department of Environmental Protection in the early 1990's. TMWA owns and operates the 90 MGD Chalk Bluff Water Treatment Plant, the 34.5 MGD Glendale Water Treatment Plant, the 4 MGD Mount Rose Water Treatment Plant, and two other smaller, groundwater treatment plants. The Mount Rose Water Treatment Plant treats surface water from Whites Creek, a tributary of the Truckee River. Attesting to TMWA's commitment to the protection of public health, TMWA's Chalk Bluff Water Treatment Plant received the Presidents Award from the Partnership for Safe Water in 2015. This recognition exemplifies TMWA staff's experience, passion, and commitment to producing and delivering outstanding water quality to customers. TMWA has since qualified for this award on an annual basis.

TMWA spends approximately \$2.0 million annually monitoring water quality by analyzing nearly 16,000 samples covering approximately 22,000 constituents at over 400 locations throughout TMWA's water system. TMWA ensures compliance with all current drinking water standards promulgated by the United States Environmental Protection Agency and administered by the Nevada Division of Environmental Protection, Bureau of Safe Drinking Water.

WATER CONSERVATION

Efficient use of water within the Truckee Meadows extends this vital resource through periods of drought in this high desert climate. Therefore, water conservation has been, and will continually be, a high-priority at TMWA. Not only does conservation promote water-efficient behavior, such efforts also reduce peak-day demand and help defer future investments in costly improvements to infrastructure. The purpose of water conservation at TMWA is to promote smart use of water through several programs. During a drought, TMWA enhances its conservation efforts to ensure drought storage is sufficient over the drought period.

Water-Efficiency Codes

TMWA's Rule 2 provides water-efficiency codes to which customers must adhere. First, customers must not use water excessively (i.e., no waste). Second, TMWA requires that its customers adhere to a three-day-a-week irrigation schedule. This watering restriction helps prevent overwatering as well as reduces peak-day demand. Next, TMWA also requires no irrigation on Mondays to allow its system to recharge. Finally, TMWA generally requires no irrigation between noon and 6 p.m. from Memorial Day to Labor Day. These water-efficiency codes have been successful in managing customer demands over time.

Water Resource Sustainability Program

TMWA's Water Resource Sustainability Program was created in fiscal year 2019. Through a charge of \$1,600 for every acre-foot of new surface water demand, developers and others provide funding for projects that improve TMWA's drought resiliency and water resource sustainability. Such projects include those for expanded conjunctive use, aquifer storage and recovery, demonstration and validation of exceptional quality reclaimed water uses, and future water resource identification and acquisition efforts.

Water Pricing Structure

TMWA has an inverted, tiered-rate billing structure in which customers are charged increasing rates based on the amount of water they use. This billing structure provides a "price signal" to customers who cross into a higher tier, thereby encouraging efficient use of water.

Water Usage Review Program

The Water Usage Review Program assists TMWA customers with issues regarding their water meter or their water delivery system. When a water usage review is requested, TMWA staff goes onsite to check meter accuracy as well as detect for leaks in the customer's system. If a leak is detected, staff will work with the customer to attempt to identify the leak source. Staff will also

review the usage history of the service to determine water usage behavior. Once completed, staff will notify the customer of any leaks that were detected, make recommendations on how to reduce water consumption, and teach customers how to check for leaks in the future.

Water Watcher Program

During the irrigation months (April to October), TMWA ramps up its conservation efforts by hiring additional full-time seasonal conservation consultants. These consultants are trained to monitor TMWA's service territory and ensure its water-efficiency codes are being adhered to. They also respond to water waste reports by the public. They provide customers with information about TMWA's water-efficiency codes and identify any leaks or sources of water waste in outdoor irrigation. This program not only promotes efficient use of water but also facilitates lower monthly bills.

Landscape Retrofit Program

The Landscape Retrofit Program promotes water-efficiency measures on municipal landscapes. The program includes financial support of landscape augmentation projects by institutional irrigators. Projects supported under this program promote drought-tolerant landscapes and educational programs focused on smart landscaping practices.

Water Conservation Education Program

TMWA has a strong educational program designed to teach customers about the benefits of conservation and techniques that can help them use water more responsibly. Educational initiatives include a free workshop series, direct communication (bill inserts, emails, in-person, etc.), public presentations and events, as well as, a multi-media campaign. TMWA also partners with other local organizations to provide grade school students in the Truckee Meadows with information regarding our water sources, water quality, and watershed protection.

FINANCIAL INFORMATION

Internal Controls

TMWA employs various internal controls for the safeguarding of assets against losses from unauthorized use or disposition. TMWA's management is responsible for establishing and maintaining a system of internal controls designed to meet these objectives. Internal controls are also used to ensure that accounting data are compiled to allow for the preparation of financial statements in accordance with GAAP. The internal control structure is designed to provide reasonable assurance that these objectives are met. When establishing or reviewing internal controls, management weighs the cost to implement such controls over the benefits derived from implementing such controls. TMWA's management is constantly looking for opportunities to improve or redesign internal controls. A key component of TMWA's internal controls is its budgetary controls.

Budgetary Controls

TMWA is legally required to prepare, present to the TMWA Board, and adopt an annual budget in conformance with Chapter 354 of the Nevada Revised Statutes. These statutes comprise the Local Government Budget and Finance Act, which stipulates that the Board be presented with a tentative budget by April 15 of each year, with formal adoption of the budget after a public hearing in May of each year. The adopted budget is then filed with the Nevada Department of Taxation.

TMWA is also required to prepare a Capital Improvement Plan for review and formal acceptance by the TMWA Board. This plan is a comprehensive compilation of all capital projects and capital outlays expected during the ensuing five fiscal years. TMWA's Board is kept informed of TMWA's financial performance throughout the fiscal year at scheduled Board meetings. The General Manager, as the chief administrative officer, is authorized to approve all expenses that are within the approved budget. This authority is conferred upon the General Manager by virtue of the TMWA Cooperative Agreement between the City of Reno, City of Sparks, and Washoe County. This arrangement allows for the efficient operation of TMWA. TMWA routinely prepares five-year financial forecasts in conjunction with the Capital Improvement Plan.

BUDGET ANALYSIS AND VARIANCES

Actual total operating revenues of \$122.4 million were \$1.0 million or 0.8% under the final budget for fiscal year ended June 30, 2024. Charges for water sales totaled \$114.0 million and were 2.3% lower than budget. TMWA's water sales can fluctuate from budget based on weather conditions, especially during the spring and fall. During the first and second quarters of the fiscal year, higher precipitation and lower temperatures led to lower water consumption. This was slightly offset by a warm and dry spring with higher water consumption in the second half of the fiscal year. This ultimately lead to lower than expected water consumption.

Total operating expenses of \$121.0 million were approximately \$4.0 million under the budget of \$125.0 million. Operating expenses before depreciation were \$5.1 million under budget or approximately 5.7% under. Salaries and wages were lower by \$1.0 million or 3.2% under and employee benefits were \$2.4 million or 17.4% over budget. Salaries and wages were primarily lower due to position vacancies, and employee benefits were primarily higher due to actuarial adjustments affecting both PERS and OPEB expenses. Both of those expenses are tied to annual actuarial valuations which consider the market value of the underlying investments. Service and supplies expenses were \$6.5 million or 14.7% under budget. This was mostly due to lower chemical costs from lower pricing, fewer turbidity events, and improved operating efficiency.

Total net nonoperating revenues and expenses were \$2.5 million favorable to budget. This variance was primarily due to an increase in fair value of investments.

Capital contributions of \$50.0 million were \$5.3 million under budget. The primary driver is lower contributions from other governments related to the American Flat APW Facility project. This is timing related and is based on the actual spend on the project which is in the design phase. Contributions are expected to increase during construction, which is currently slated for Fall 2025. Also contributing to the variance are lower developer infrastructure contributions since fewer assets were placed into service than expected.

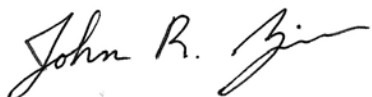
Total capital spending was approximately \$71.9 million for fiscal year 2024, which was approximately \$31.8 million less than the \$103.7 million planned in the final capital budget. The underspend is due to various projects having been deferred to future years.

As reflected in the Statement of Cash Flows, TMWA funded the operating budget, debt service requirements and capital spending from operating revenues, capital contributions and investment income. As of June 30, 2024, TMWA has approximately \$90.3 million of unrestricted cash and investments to fund future operations and capital projects.

TMWA complied with bond covenants during fiscal year 2024 with respect to funding cash reserves. TMWA's renewal and replacement reserve is fully funded at \$10.0 million. The operations and maintenance reserve fund, which TMWA is required to maintain at a balance equal to one-sixth of TMWA's revised final operating budget, contained \$10.3 million as of June 30, 2024. As of June 30, 2024, TMWA also retained a \$11.1 million water rate stabilization reserve of which \$0.5 million is restricted and \$10.6 million is included as a reservation of unrestricted net position.

ACKNOWLEDGMENTS

The timely preparation of this report could not be done without the assistance of TMWA finance personnel, the management team and employees of TMWA. We would like to thank the Board, TMWA customers, and the development community for their commitment to the long-term operational and financial stewardship of TMWA.



John Zimmerman
General Manager



Matt Bowman, CPA
Chief Financial Officer

**Truckee Meadows Water Authority
List of Principal Officials
June 30, 2024**

TMWA Board of Directors

Kristopher Dahir, Sparks City Council Member, Chair

Naomi Duerr, Reno City Council Member, Vice Chair

Alexis Hill, Washoe County Commissioner

Clara Andriola, Washoe County Commissioner

Devon Reese, Reno City Council Member

Jenny Brekhus, Reno City Council Member

Paul Anderson, Sparks City Council Member

Management

John R. Zimmerman, General Manager

Danny Rotter, Assistant General Manager and Director of Engineering

Matt Bowman, Chief Financial Officer

Andy Gebhardt, Director of Distribution, Maintenance, and Generation

Jessica Atkinson, Director of Human Resources

Nathan Allen, Director of Natural Resources

Sean Feeney, Director of Technology

Will Raymond, Director of Operations and Water Quality



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**Truckee Meadows Water Authority
Nevada**

For its Annual Comprehensive
Financial Report
For the Fiscal Year Ended

June 30, 2023

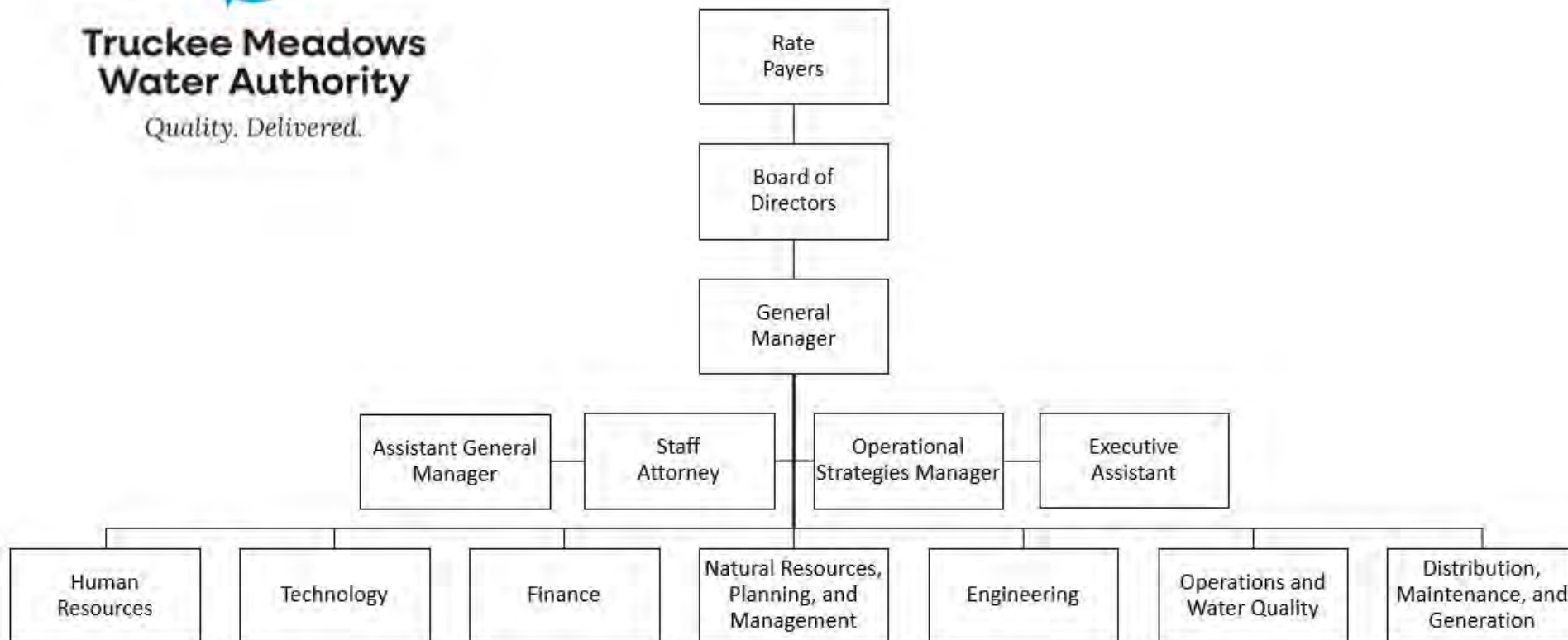
Christopher P. Morill

Executive Director/CEO



Truckee Meadows Water Authority

Quality. Delivered.





Independent Auditor's Report

To the Board of Directors
Truckee Meadows Water Authority
Reno, Nevada

Report on the Audit of the Financial Statements

Opinions

We have audited the financial statements of the business-type activities and the fiduciary activities of the Truckee Meadows Water Authority ("TMWA") as of and for the years ended June 30, 2024 and 2023, and the related notes to the financial statements, which collectively comprise TMWA's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the fiduciary activities of TMWA, as of June 30, 2024 and 2023, and the respective changes in financial position, and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of TMWA and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Correction of Error

As described in Note 14 to the financial statements, a certain error resulting in the understatement of amounts previously reported for net position restricted for net other postemployment benefits as well as the overstatement of amount previously reported for net position restricted for debt service as of June 30, 2023 were discovered by management of TMWA during the current year. Accordingly, a restatement has been made to the net position restricted for net other postemployment benefits, net position restricted for debt service and unrestricted net position as of June 30, 2023 to correct the error. Our opinions are not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about TMWA's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of TMWA's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about TMWA's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, the schedules of changes in net OPEB liability and related ratios, the schedules of OPEB contributions, the schedules of TMWA's share of net pension liability, and the schedules of TMWA's pension contributions be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with GAAS, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audits were conducted for the purpose of forming opinions on the financial statements that collectively comprise TMWA's basic financial statements. The schedule of revenues, expenses, and changes in net position – budget and actual, the combining statement of fiduciary net position, the combining statement of changes in fiduciary net position, and the schedule of expenditures of federal awards, as required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Costs Principles and Audit Requirements for Federal Awards*, are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with GAAS. In our opinion, the schedule of revenues, expenses, and changes in net position – budget and actual, the combining statement of fiduciary net position and the combining statement of changes in fiduciary net position and the schedule of expenditures of federal awards are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Information

Management is responsible for the other information included in the annual report. The other information comprises the introductory section and statistical section but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 26, 2024, on our consideration of TMWA's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of TMWA's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering TMWA's internal control over financial reporting and compliance.

A handwritten signature in cursive script that reads "Eide Bailly LLP".

Reno, Nevada
November 26, 2024

MANAGEMENT'S DISCUSSION AND ANALYSIS

This section of TMWA's Annual Comprehensive Financial Report presents management's discussion and analysis of TMWA's financial performance during the fiscal years ended June 30, 2024, June 30, 2023, and June 30, 2022. This section should be read in conjunction with the transmittal letter at the front of this report and TMWA's financial statements following this section.

FINANCIAL HIGHLIGHTS**TMWA's Net Position***(in millions)*

	<u>June 30, 2024</u>	Restated <u>June 30, 2023</u>	Restated <u>June 30, 2022</u>
Unrestricted Current Assets	\$ 117.3	\$ 170.2	\$ 189.4
Restricted Current Assets	69.6	28.7	33.3
Long-Term Restricted and Other Assets	33.6	30.5	33.2
Capital Assets, Net	1,132.9	1,083.9	1,044.9
Total Assets	<u>1,353.4</u>	<u>1,313.3</u>	<u>1,300.8</u>
Deferred Outflow of Resources	23.1	25.5	22.5
Total Assets & Deferred Outflow of Resources	<u>1,376.5</u>	<u>1,338.8</u>	<u>1,323.3</u>
Total Current Liabilities	59.9	50.6	46.8
Long Term Debt Outstanding	309.9	334.0	355.4
Net Pension Liability	60.3	57.3	28.5
Net Other Postemployment Benefits Liability	0.6	0.7	0.4
Long Term Compensated Absences	3.2	3.1	2.8
Total Liabilities	<u>433.9</u>	<u>445.7</u>	<u>433.9</u>
Deferred Inflow of Resources	6.0	2.6	29.1
Net Investment in Capital Assets	853.1	749.2	693.0
Restricted	45.6	43.7	50.7
Unrestricted	<u>37.9</u>	<u>97.6</u>	<u>116.6</u>
Total Net Position	<u>\$ 936.6</u>	<u>\$ 890.5</u>	<u>\$ 860.3</u>

During the fiscal year ended June 30, 2024, TMWA discovered that net position restricted for debt service and net position restricted for net other postemployment benefits were calculated incorrectly in the fiscal years ended June 30, 2023 and 2022. Therefore, the above table includes reclassifications between restricted and unrestricted net position. See Note 14 to the financial statements for additional information.

Financial Position

Fiscal Year 2024 Summary

In the fiscal year ended June 30, 2024, total net position increased by approximately \$46.1 million, the result of operating income and capital contributions offset by nonoperating expenses.

Unrestricted current assets decreased by \$52.9 million from June 30, 2023. Unrestricted cash and investments decreased \$62.0 million with cash from operating activities of \$35.7 million and unrestricted nonoperating contributions of \$29.3 million, offset by cash used for debt service of \$30.6 million and acquisition and construction of capital assets of \$71.9 million. See the Statement of Cash Flows for additional information.

Restricted current assets increased \$40.9 million from June 30, 2023, mainly due to the addition of \$42.6 million of restricted proceeds from the Series 2024 Water Revenue Bonds. This increase was slightly offset by a \$1.7 million reduction in restricted funds of the Water Resource Sustainability Program.

Long-term restricted and other assets increased \$3.1 million from June 30, 2023. Restricted funds for the Operations & Maintenance Reserve increased \$1.4 million due to an increase in the budget for operating expenses from the prior year. Net other postemployment benefits (OPEB) asset increased by \$1.6 million as result of the actuarial analysis and a higher return on investments held within the two OPEB trusts. See Note 12 to the financial statements for additional information on TMWA's OPEB plans.

Most of TMWA's net position is in capital assets. Capital assets, net of accumulated depreciation, increased by \$49.0 million in fiscal year 2024 as increases in capital assets from capital expenditures and contributions were greater than depreciation expense and disposals. Assets built by developers and contributed to TMWA were \$10.0 million. These assets are built to TMWA's standards and specifications. Depreciation expense was \$36.5 million.

Total current liabilities increased \$9.3 million from June 30, 2023. This was primarily due to an increase of \$7.2 million in construction contract and retention payables, which are affected by the size and timing of active projects.

Long term debt decreased \$24.1 million, due to principal payments on debt of \$87.0 million and amortization of bond premiums of \$11.7 million. During the year, TMWA paid off \$11.5 million and \$58.3 million of outstanding senior lien 2015 Series and 2016 Series bonds, respectively. Also during the year, TMWA issued \$61.5 million of new senior lien bonds, the Series 2024 Water Revenue Bonds. See Note 7 to the financial statements for additional information on TMWA's outstanding debt.

Net pension liability increased by \$3.0 million as a result of an actuarial analysis performed for the Public Employees' Retirement System of the State of Nevada (PERS). See Note 11 to the financial statements for additional information on pensions.

Fiscal Year 2023 Summary

In the fiscal year ended June 30, 2023, total net position increased by approximately \$30.2 million, the result of operating loss and capital contributions offset by nonoperating expenses.

Unrestricted current assets decreased by \$19.2 million from June 30, 2022. Unrestricted cash and investments decreased \$17.0 million with cash from operating activities of \$38.4 million and unrestricted nonoperating contributions of \$21.5 million, offset by cash used for debt service \$32.3 million and acquisition and construction of capital assets of \$52.1 million. See the Statement of Cash Flows for additional information.

Restricted current assets decreased \$4.6 million from June 30, 2022. The Water Resource Sustainability Program fund increased \$0.8 million due to program contributions collected from water will-serve sales. Current bond debt service increased \$0.3 million due to principal payments due within the next year.

Long-term restricted and other assets decreased \$2.7 million, mainly due to a \$1.5 million reduction in restricted funds related to the consolidation of STMGID in 2015. Funds received from STMGID were restricted for use in the former STMGID service area and were depleted entirely in the fiscal year ended June 30, 2023. Net other postemployment benefits asset decreased by \$2.9 million as result of the actuarial analysis and a lower return on investments held within the two OPEB trusts. See Note 12 to the financial statements for additional information on TMWA's OPEB plans.

Most of TMWA's net position is in capital assets. Capital assets, net of accumulated depreciation, increased by \$39.0 million in fiscal year 2023 as increases in capital assets from capital expenditures and contributions were greater than depreciation expense. Assets built by developers and contributed to TMWA were \$19.9 million. These assets are built to TMWA's standards and specifications. Depreciation expense was \$34.8 million.

Total current liabilities increased \$3.8 million from June 30, 2022. This was primarily due to an increase of \$3.4 million in construction contract and retention payables, which are affected by the size and timing of active projects.

Long term debt decreased \$21.4 million, due to principal payments on debt of \$16.5 million and amortization of bond premiums of \$4.2 million.

Net pension liability increased by \$28.8 million as a result of an actuarial analysis performed for the Public Employees' Retirement System of the State of Nevada. See Note 11 to the financial statements for additional information on pensions.

TMWA's Changes in Net Position
(in millions)

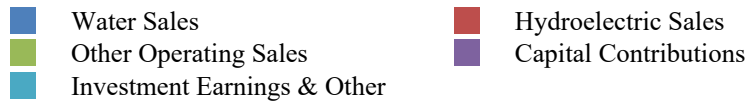
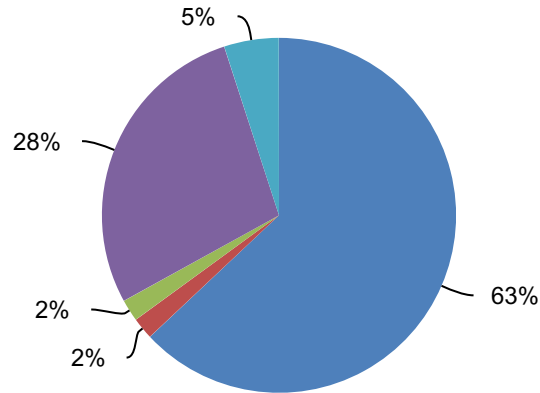
	<u>June 30, 2024</u>	<u>June 30, 2023</u>	<u>June 30, 2022</u>
Operating Revenues	\$ 122.4	\$ 113.1	\$ 114.6
Operating Expenses	121.0	114.4	98.6
Operating Income (Loss)	<u>1.4</u>	<u>(1.3)</u>	<u>16.0</u>
Nonoperating Revenues (Expenses)	<u>(5.3)</u>	<u>(10.8)</u>	<u>(21.5)</u>
Income (Loss) before Capital Contributions	(3.9)	(12.1)	(5.5)
Net Capital Contributions	<u>50.0</u>	<u>42.3</u>	<u>51.6</u>
Change in Net Position	<u>46.1</u>	<u>30.2</u>	<u>46.1</u>
Net Position, Beginning of Year	<u>890.5</u>	<u>860.3</u>	<u>814.2</u>
Net Position, End of Year	<u><u>\$ 936.6</u></u>	<u><u>\$ 890.5</u></u>	<u><u>\$ 860.3</u></u>

TMWA's Revenues
(in millions)

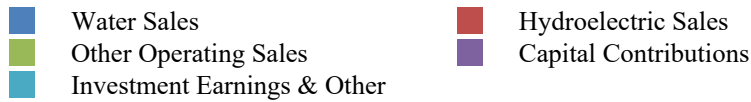
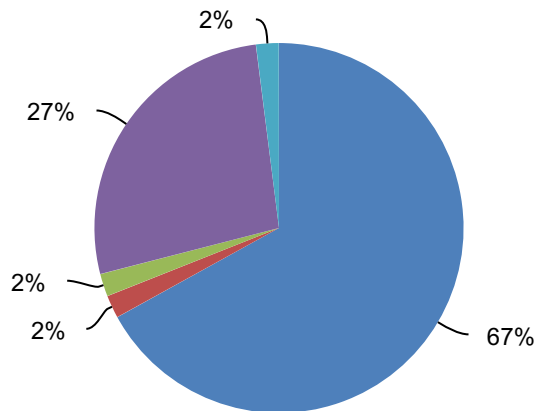
	<u>June 30, 2024</u>	<u>June 30, 2023</u>	<u>June 30, 2022</u>
Revenues			
Operating Revenues			
Water Sales	\$ 114.0	\$ 107.1	\$ 108.2
Hydroelectric Sales	4.2	2.9	2.6
Other Operating Sales	4.2	3.1	3.8
	<u>122.4</u>	<u>113.1</u>	<u>114.6</u>
Nonoperating Revenues			
Investment Earnings	1.8	3.6	2.0
Other Nonoperating Revenues	7.1	—	—
	<u>8.9</u>	<u>3.6</u>	<u>2.0</u>
Net Capital Contributions	<u>50.0</u>	<u>42.3</u>	<u>51.6</u>
Total Revenues	<u><u>\$ 181.3</u></u>	<u><u>\$ 159.0</u></u>	<u><u>\$ 168.2</u></u>

The table above and the graphs that follow represent the makeup of TMWA's total revenues for fiscal years ended June 30, 2024, 2023, and 2022.

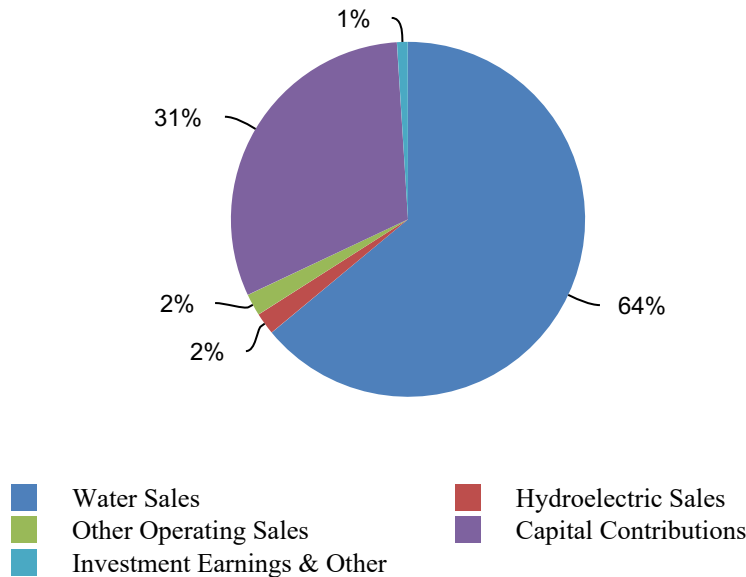
Total Revenues for the Year Ended June 30, 2024



Total Revenues for the Year Ended June 30, 2023



Total Revenues for the Year Ended June 30, 2022



Results of Operations-Revenues

Fiscal Year 2024 Summary

Total operating revenues in fiscal year 2024 increased \$9.3 million from fiscal year 2023. Water sales were \$114.0 million, \$6.9 million or 6.4% higher than in fiscal year 2023. Water sales were higher year over year from increased consumption primarily due to warmer and drier weather and lower precipitation in the spring of 2024. Hydroelectric sales were \$1.3 million or 44.8% higher than fiscal year 2023 as all three plants were online the entirety of fiscal year 2024, allowing for optimization of river flows. Other operating sales were \$1.1 million or 35.5% higher than the prior year due to increased revenues from construction water, engineering inspection fees, and water resource lease activity.

Fiscal year 2024 investment earnings were \$1.8 million, a decrease of \$1.8 million from fiscal year 2023 due to losses resulting from liquidation of investments required for the defeasance of portions of the outstanding Series 2015 and 2016 senior lien bonds. Proceeds from the senior lien Series 2024 Water Revenue Bonds were reinvested, at higher rates which will result in a recovery of the losses related to the liquidations. Other nonoperating revenues increased \$8.8 million due a net increase in fair value of investments compared to a net loss in the prior year.

Capital contributions in fiscal year 2024 increased \$7.7 million from fiscal year 2023. The main driver of the increase was grant revenue, offset by a decrease in developer infrastructure contributions. Grants increased primarily due to a \$9.5 million award from the Nevada Department of Conservation and Natural Resources for the Advanced Meter Infrastructure project. The reduction in developer infrastructure contributions is due to a decrease of \$6.3 million in mains and \$1.3 million in water storage, based on larger projects placed into service in the prior year.

Fiscal Year 2023 Summary

Total operating revenues in fiscal year 2023 decreased \$1.5 million from fiscal year 2022. Water sales were \$107.1 million, \$1.1 million or 1.0% lower than in fiscal year 2022. Water sales were lower year over year due to lower consumption primarily due to cool temperatures and high precipitation in spring offset by a 2.5% rate increase in June 2022. Hydroelectric sales were \$0.3 million or 11.5% higher than fiscal year 2022 due to sustained river flows and plants being online for more time than in the prior year. Other operating revenue was \$0.7 million or 18.4% lower than the prior year due to lower revenues from construction water, new business engineering fees, and late fees.

Fiscal year 2023 investment earnings were \$3.6 million, an increase of \$1.6 million from fiscal year 2022 due to higher invested rates during the year.

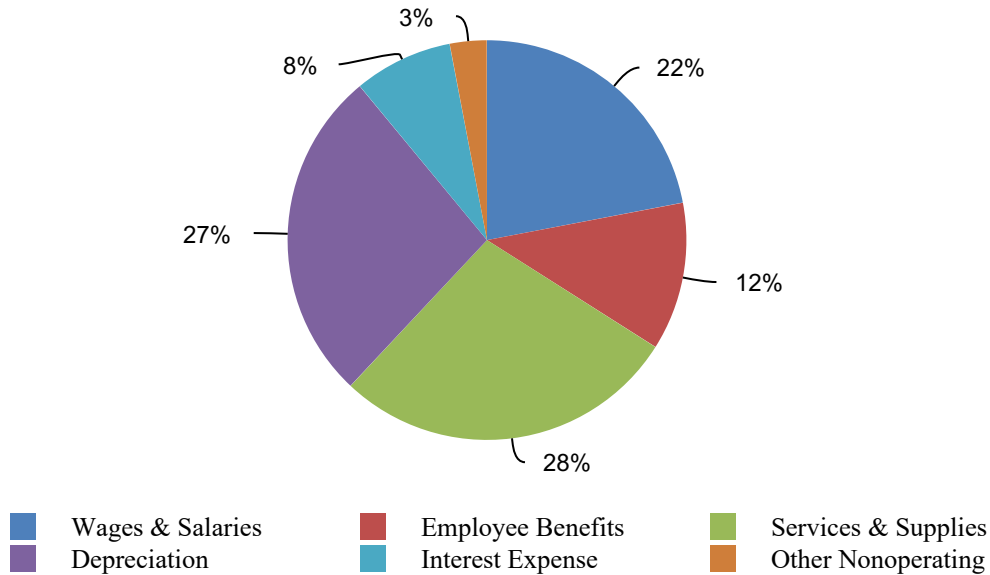
Capital contributions in fiscal year 2023 decreased \$9.3 million from fiscal year 2022. The main driver of the decrease was developer facility charges which were \$8.6 million less than 2022 and offset by developer infrastructure contributions which were \$1.7 million higher than 2022. A slowdown in construction in the area resulted in lower connection fees received from developers in fiscal year 2023. Grants were also \$2.1 million lower than fiscal year 2022 as only one grant award was received for the John Champion Park Restroom Installation Project under the Nevada Division of Environmental Protection's sub-grant agreement to One Truckee River.

TMWA’s Expenses
(in millions)

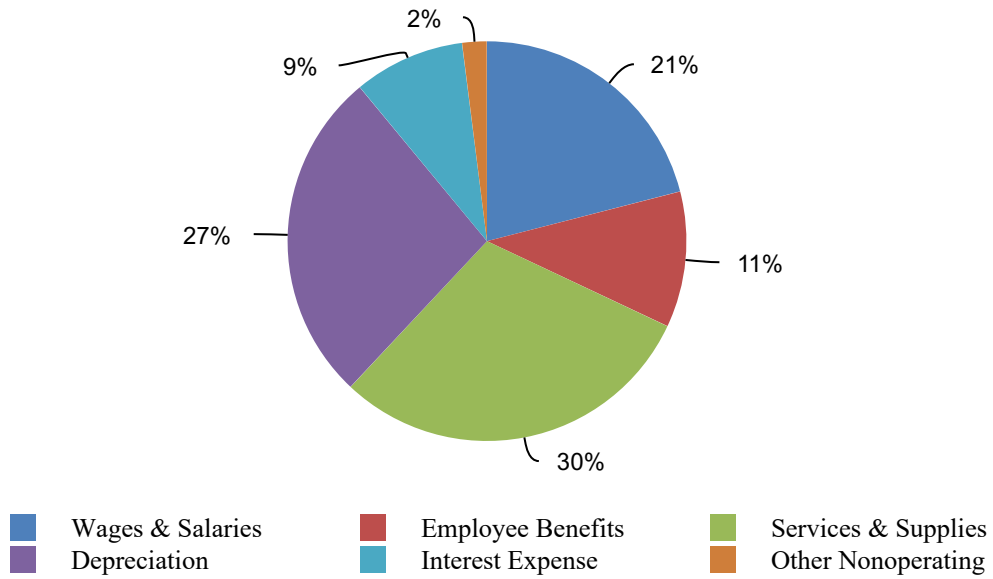
	<u>June 30, 2024</u>	<u>June 30, 2023</u>	<u>June 30, 2022</u>
Expenses			
Operating Expenses			
Wages & Salaries	\$ 30.6	\$ 27.3	\$ 24.7
Employee Benefits	16.3	13.9	7.5
Services & Supplies	37.6	38.3	32.8
Depreciation	36.5	34.9	33.6
	<u>121.0</u>	<u>114.4</u>	<u>98.6</u>
Nonoperating Expenses			
Interest Expense	10.2	11.5	12.0
Other Nonoperating Expenses	4.0	2.9	11.5
	<u>14.2</u>	<u>14.4</u>	<u>23.5</u>
Total Expenses	<u>\$ 135.2</u>	<u>\$ 128.8</u>	<u>\$ 122.1</u>

The table above and the graphs that follow represent the makeup of total operating and non-operating expenses for the years ended June 30, 2024, 2023, and 2022.

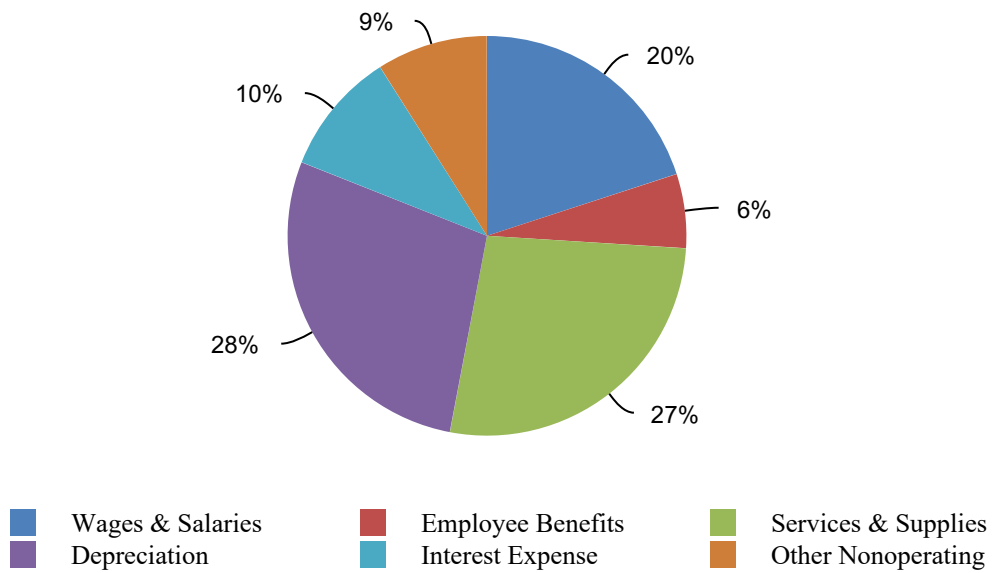
Total Expenses for the Year Ended June 30, 2024



Total Expenses for the Year Ended June 30, 2023



Total Expenses for the Year Ended June 30, 2022



Results of Operations-Expenses

Fiscal Year 2024 Summary

Fiscal year 2024 operating expenses were \$121.0 million, \$6.6 million or 5.8% higher than fiscal year 2023. Spending on salaries and wages was \$3.3 million or 12.1% higher, due to Labor Market Index wage increases, step increases, and additions in headcount during the fiscal year. Employee benefits were \$2.4 million or 17.3% higher than prior year due mainly to higher pension expense related to Nevada PERS. Spending on services and supplies was \$0.7 million or 1.8% less than prior year primarily due to a decrease in chemical costs.

Nonoperating expenses were \$0.2 million lower compared to fiscal year 2023. Interest expense was \$1.3 million lower than the prior year. A loss on disposal of assets totaling \$3.5 million, included in other nonoperating expenses, resulted from writing off two capital projects during fiscal year 2024: Spring Creek 9 Well and the Human Resources/Payroll software implementation.

Fiscal Year 2023 Summary

Fiscal year 2023 operating expenses were \$114.4 million, \$15.8 million or 16.0% higher than fiscal year 2022. Spending on salaries and wages was \$2.6 million or 10.5% higher, due to Labor Market Index wage increases, step increases, and additions in headcount during the fiscal year. Employee benefits were \$6.4 million or 85.3% higher than prior year due mainly to higher pension expense related to Nevada PERS. Spending on services and supplies was \$5.5 million or 16.8% more than prior year primarily due to inflation and increased costs in power and chemicals.

Nonoperating expenses were \$9.1 million lower compared to fiscal year 2022. Unrealized investment loss of \$1.6 million was the main driver for this decrease. In the prior year, TMWA had an unrealized investment loss of \$10.6 million included in nonoperating expenses.

CAPITAL ASSETS

At June 30, 2024, TMWA's total capital assets were \$1,758.4 million before accumulated depreciation of \$625.4 million, for a net book value of \$1,132.9 million. Included in the total capital assets reported on the Statement of Net Position was \$80.9 million in construction work in progress.

At June 30, 2023, TMWA's total capital assets were \$1,672.8 million before accumulated depreciation of \$588.9 million, for a net book value of \$1,083.9 million. Included in the total capital assets reported on the Statement of Net Position was \$63.8 million in construction work in progress.

Detailed information about TMWA's capital assets can be found in Note 5 to TMWA's financial statements.

LONG-TERM DEBT

At June 30, 2024, TMWA had \$327.9 million in total reported debt outstanding. This amount reflects \$296.5 million in total outstanding principal indebtedness and \$31.4 million net bond premium. Of the \$296.5 million in total reported debt outstanding, \$18.0 million was due within one year and is classified as short term indebtedness.

Total outstanding principal indebtedness of \$296.5 million as of June 30, 2024 reflects a decrease of \$25.5 million or 7.9% from total outstanding principal of \$322.0 million as of June 30, 2023. Total outstanding principal indebtedness of \$322.0 million as of June 30, 2023 reflects a decrease of \$16.5 million or 4.9% from total outstanding principal of \$338.5 million as of June 30, 2022.

During fiscal year 2024, TMWA maintained credit ratings from Standard and Poor's of AA+, outlook Stable and from Moody's of Aa2, outlook Stable. In March 2022, Fitch upgraded TMWA's credit rating to AAA, outlook Stable.

Detailed information about TMWA's indebtedness can be found in Note 7 to TMWA's financial statements.

CONTACTING TMWA'S FINANCIAL MANAGEMENT

This financial report was prepared for the benefit of the customers, bond investors, and the Board of Directors of the Truckee Meadows Water Authority. The Annual Comprehensive Financial Report was prepared to provide interested parties with a general overview of the Truckee Meadows Water Authority's accountability for the financial resources it manages. For questions or additional information, please contact the Truckee Meadows Water Authority's Finance Department at P.O. Box 30013, Reno, Nevada 89520-3013.

	2024	Restated 2023
Assets		
Current Assets		
Cash and investments	\$ 90,259,451	\$ 152,218,757
Accounts receivable, net	17,923,944	13,429,464
Due from others	370,872	367,672
Due from other governments	4,493,149	810,135
Interest receivable	998,317	760,390
Prepaid assets and other assets	3,272,782	2,596,285
	117,318,515	170,182,703
Restricted Current Assets		
Cash and investments		
Water resource sustainability program	4,342,845	6,088,644
Current bond debt service	22,618,348	22,604,072
Restricted bond proceeds	42,630,130	—
	69,591,323	28,692,716
Total current assets	186,909,838	198,875,419
Restricted Noncurrent Assets		
Cash and investments		
Future bond debt service	2,530,900	2,404,342
Operations and maintenance	14,924,959	13,511,927
Renewal and replacement	10,000,000	10,000,000
Water rate stabilization	500,000	500,000
Net other postemployment benefits	4,659,659	3,108,425
	32,615,518	29,524,694
Noncurrent Assets		
Capital assets, not depreciated	222,906,323	201,134,370
Capital assets, depreciated	910,025,390	882,747,764
Other noncurrent assets	906,079	1,065,432
	1,133,837,792	1,084,947,566
Total noncurrent assets	1,166,453,310	1,114,472,260
Total assets	1,353,363,148	1,313,347,679
Deferred Outflow of Resources		
Bond refundings	923,656	1,880,904
Net pension liability	21,543,485	22,243,201
Net other postemployment benefits	621,210	1,338,422
	23,088,351	25,462,527
Total deferred outflow of resources	23,088,351	25,462,527
Total Assets and Deferred Outflow of Resources	\$ 1,376,451,499	\$ 1,338,810,206

	2024	Restated 2023
Liabilities		
Current Liabilities Payable from Unrestricted Current Assets		
Accounts payable	\$ 3,238,505	\$ 2,465,329
Contracts and retention payable	24,354,895	17,133,008
Accrued liabilities	3,003,425	2,385,754
Current portion of compensated absences	590,937	631,564
Due to other governments	2,096,959	1,512,507
Accrued interest payable	128,370	157,236
Current portion of long-term debt	2,178,730	2,120,578
Customer deposits and amounts due to developers	1,663,502	1,554,688
	<u>37,255,323</u>	<u>27,960,664</u>
Current Liabilities Payable from Restricted Current Assets		
Current portion of long-term debt	15,780,000	15,080,000
Accrued interest payable	6,838,348	7,524,072
	<u>22,618,348</u>	<u>22,604,072</u>
Total current liabilities	<u>59,873,671</u>	<u>50,564,736</u>
Noncurrent Liabilities		
Net pension liability	60,226,778	57,394,508
Long-term debt, net of current portion	309,945,303	333,951,197
Net other postemployment benefits liability	648,466	717,935
Compensated absences, net of current portion	3,213,205	3,079,956
Total noncurrent liabilities	<u>374,033,752</u>	<u>395,143,596</u>
Total liabilities	<u>433,907,423</u>	<u>445,708,332</u>
Deferred Inflow of Resources		
Net pension liability	584,712	157,375
Bond refundings	3,030,336	61,632
Leases	344,438	339,281
Other postemployment benefits	1,971,111	2,054,438
Total deferred inflow of resources	<u>5,930,597</u>	<u>2,612,726</u>
Total liabilities and deferred inflow of resources	<u>439,838,020</u>	<u>448,321,058</u>
Net Position		
Net investment in capital assets	853,064,335	749,158,166
Restricted for water resource sustainability program	4,342,845	6,088,644
Restricted for debt service	15,780,000	15,080,000
Restricted for operations and maintenance reserve	10,324,959	8,911,927
Restricted for renewal and replacement reserve	10,000,000	10,000,000
Restricted for water rate stabilization	500,000	500,000
Restricted for net other postemployment benefits	4,659,659	3,108,425
Unrestricted	37,941,681	97,641,986
Total net position	<u>936,613,479</u>	<u>890,489,148</u>
Total Liabilities, Deferred Inflow of Resources and Net Position	<u>\$ 1,376,451,499</u>	<u>\$ 1,338,810,206</u>

Truckee Meadows Water Authority
Statements of Revenues, Expenses, and Changes in Net Position
Years Ended June 30, 2024 and 2023

	2024	2023
Operating Revenues		
Charges for water sales	\$ 113,961,589	\$ 107,098,581
Hydroelectric sales	4,193,494	2,928,163
Other operating sales	4,220,374	3,122,397
Total operating revenues	<u>122,375,457</u>	<u>113,149,141</u>
Operating Expenses		
Salaries and wages	30,637,686	27,309,513
Employee benefits	16,283,832	13,905,722
Services and supplies	37,552,454	38,311,560
Total operating expenses before depreciation	<u>84,473,972</u>	<u>79,526,795</u>
Depreciation	36,500,513	34,848,532
Total operating expenses	<u>120,974,485</u>	<u>114,375,327</u>
Operating Income (Loss)	<u>1,400,972</u>	<u>(1,226,186)</u>
Nonoperating Revenues (Expenses)		
Investment earnings	1,761,755	3,576,888
Net increase (decrease) in fair value of investments	7,185,606	(1,626,597)
Loss on disposal of assets	(3,544,836)	(1,261,500)
Debt issuance costs	(499,000)	—
Interest expense	(10,181,533)	(11,522,905)
Total nonoperating revenues (expenses)	<u>(5,278,008)</u>	<u>(10,834,114)</u>
Loss before Capital Contributions	<u>(3,877,036)</u>	<u>(12,060,300)</u>
Capital Contributions		
Grants	9,658,905	88,724
Water resource sustainability program	1,097,584	798,007
Developer infrastructure contributions	9,962,594	19,884,818
Developer will-serve contributions	5,507,199	3,620,779
Developer capital contributions	6,026,121	1,846,641
Developer facility charges	12,874,933	14,631,602
Contributions from others	73,095	—
Contributions from other governments	4,800,936	1,413,804
Net Capital Contributions	<u>50,001,367</u>	<u>42,284,375</u>
Change in Net Position	46,124,331	30,224,075
Net Position, Beginning of Year	<u>890,489,148</u>	<u>860,265,073</u>
Net Position, End of Year	<u>\$ 936,613,479</u>	<u>\$ 890,489,148</u>

Truckee Meadows Water Authority
Statements of Cash Flows
Years Ended June 30, 2024 and 2023

	2024	2023
Operating Activities		
Cash received from customers	\$ 117,952,789	\$ 115,013,515
Cash paid to employees	(43,244,824)	(38,152,289)
Cash paid to suppliers	(39,053,531)	(38,457,063)
Net Cash from Operating Activities	<u>35,654,434</u>	<u>38,404,163</u>
Capital and Related Financing Activities		
Cash received on lease receivables	41,212	35,157
Cash received for interest on lease receivables	10,634	11,622
Acquisition and construction of capital assets	(71,926,361)	(52,069,578)
Interest paid on financing	(13,359,181)	(15,832,774)
Principal paid on financing	(17,200,578)	(16,494,081)
Proceeds from capital debt issuance	75,296,745	—
Proceeds transferred to defeasance escrow	(74,997,328)	—
Proceeds from capital asset disposal	15,914	248,694
Grants	8,155,623	177,175
Contributions for water resource sustainability program	1,097,584	798,007
Contributions from developers-will-serve letters	5,507,199	3,620,779
Contributions from developers-capital	6,026,121	1,846,641
Contributions from developers-facility charges	12,874,933	14,631,602
Contributions from others	73,095	—
Contributions from other governments	4,800,936	1,413,804
Debt issuance costs	(352,695)	—
Net Cash used for Capital and Related Financing Activities	<u>(63,936,147)</u>	<u>(61,612,952)</u>
Investing Activities		
Amounts received on water service loans	165,681	47,596
Proceeds from the sale and maturity of investment securities	318,149,954	109,663,397
Purchase of investment securities	(283,606,736)	(97,198,058)
Investment interest/earnings	4,681,066	3,917,699
Net Cash from Investing Activities	<u>39,389,965</u>	<u>16,430,634</u>
Net Change in Cash and Cash Equivalents	<u>11,108,252</u>	<u>(6,778,155)</u>
Cash and Cash Equivalents, Beginning of Year	<u>9,078,200</u>	<u>15,856,355</u>
Cash and Cash Equivalents, End of Year	<u>\$ 20,186,452</u>	<u>\$ 9,078,200</u>
Reconciliation of Amounts Reported on the Statement of Net Position to Cash and Cash Equivalents		
Reported on the Statement of Net Position:		
Cash and investments	\$ 90,259,451	\$ 152,218,757
Restricted current cash and investments	69,591,323	28,692,716
Restricted noncurrent cash and investments	27,955,859	26,416,269
Total Cash and Investments	<u>187,806,633</u>	<u>207,327,742</u>
Investments not meeting the definition of cash and cash equivalents	<u>(167,620,181)</u>	<u>(198,249,542)</u>
Total Cash and Cash Equivalents	<u>\$ 20,186,452</u>	<u>\$ 9,078,200</u>

Truckee Meadows Water Authority

Statements of Cash Flows

Years Ended June 30, 2024 and 2023

	2024	2023
Reconciliation of Operating Income (Loss) to Net Cash from Operating Activities		
Operating income (loss)	\$ 1,400,972	\$ (1,226,186)
Adjustments to reconcile operating income (loss) to net cash from operating activities		
Depreciation	36,500,513	34,848,532
OPEB expense	(950,397)	(573,559)
OPEB contributions	(36,421)	(30,770)
Pension expense	8,796,799	6,812,035
Pension contributions	(4,837,476)	(3,819,668)
Changes in assets and liabilities		
Accounts receivable, net	(4,528,282)	1,920,649
Due from others	(3,200)	(10,335)
Due from other governments	(2,179,732)	(90,710)
Prepaid assets and other assets	(685,077)	292,349
Accounts payable	773,176	(23,987)
Accrued liabilities	617,671	276,418
Compensated absences	92,622	401,848
Due to other governments	584,452	(326,513)
Customer deposits and amounts due to developers	108,814	(45,940)
Total adjustments	34,253,462	39,630,349
Net Cash from Operating Activities	<u>\$ 35,654,434</u>	<u>\$ 38,404,163</u>
Non-Cash Capital and Related Financing Activities		
Amortization of net bond premium	\$ (4,226,114)	\$ (4,203,499)
Amortization of refunding allowances to interest expense	17,303	198,859
Developer infrastructure contributions	9,962,594	19,884,818
Change in contracts and retention payable	7,221,887	3,410,862
Acquisition and Construction of Capital Assets		
Acquisition and construction of capital assets financed by cash	\$ 71,926,361	\$ 52,069,578
Developer infrastructure contributions	9,962,594	19,884,818
Change in contracts and retention payable	7,221,887	3,410,862
Total acquisition and construction of capital assets	<u>\$ 89,110,842</u>	<u>\$ 75,365,258</u>

Truckee Meadows Water Authority
Statements of Fiduciary Net Position - Other Postemployment Benefit Trust Funds
December 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Assets		
Cash	\$ 196,967	\$ 130,022
Receivables from plan members	12,283	13,997
Investments, at fair value	<u>17,121,455</u>	<u>14,925,555</u>
Total assets	<u>17,330,705</u>	<u>15,069,574</u>
Liabilities		
Accounts payable	<u>115,799</u>	<u>125,483</u>
Net Position Restricted for Postemployment Benefits Other than Pensions	<u><u>\$ 17,214,906</u></u>	<u><u>\$ 14,944,091</u></u>

Truckee Meadows Water Authority
Statements of Changes in Fiduciary Net Position - Other Postemployment Benefit Trust Funds
Years Ended December 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Additions		
Net investment income (loss)	\$ 2,685,899	\$ (2,429,586)
Employer contributions	33,596	46,494
Total additions	<u>2,719,495</u>	<u>(2,383,092)</u>
Deductions		
Benefit payments	407,245	416,878
Administrative expenses	41,435	40,219
Total deductions	<u>448,680</u>	<u>457,097</u>
Change in Net Position	2,270,815	(2,840,189)
Net Position Restricted for Postemployment Benefits Other than Pensions		
Beginning of Year	<u>14,944,091</u>	<u>17,784,280</u>
End of Year	<u>\$ 17,214,906</u>	<u>\$ 14,944,091</u>

Note 1 - Summary of Significant Accounting Policies

The financial statements of the Truckee Meadows Water Authority (TMWA) have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP) as applied to governmental entities. A summary of the more significant accounting policies applied in the preparation of the accompanying basic financial statements follows.

Reporting Entity and Purpose

TMWA is a Joint Powers Authority (JPA) formed in November 2000 under the Joint Powers Legislation of the State of Nevada, pursuant to a Cooperative Agreement among the City of Reno, Nevada, the City of Sparks, Nevada, and Washoe County, Nevada. TMWA was formed to purchase water assets (the Water System), undertake the water utility operations, and to develop, manage, and maintain supplies of water for the benefit of the Truckee Meadows communities. TMWA purchased the existing water system originally operated by Sierra Pacific Power Company (SPPCo), now known as NV Energy, Inc.

TMWA is governed by a seven-member Board of Directors (Board) appointed by:

- Reno City Council (3 seats)
- Sparks City Council (2 seats)
- Washoe County Commissioners (2 seats)

The cities and county representatives are not required to be elected officials. Modifications to the JPA were approved by the governing bodies in December 2009 which changed the at-large seat into a second seat for Washoe County. The amendments to the JPA were approved by the Attorney General's Office of the State of Nevada (State) effective February 3, 2010. The amendments were made in anticipation of the consolidation of TMWA and Washoe County's Community Services Department's water utility (WCWU) and the merger of another water utility named South Truckee Meadows General Improvement District (STMGID). The transfer of operations of WCWU and the merger of STMGID occurred on January 1, 2015 with TMWA as the continuing entity.

Basis of Accounting

TMWA's activities are accounted for as an enterprise fund (proprietary fund type). A fund is an accounting entity with a self-balancing set of accounts established to record the financial position and results of operations of the governmental entity. Activities of enterprise funds resemble activities of business enterprises; the purpose is to obtain and use economic resources to meet its operating objectives. TMWA's financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Under this method, revenues are recognized at the time they are earned, and expenses are recognized when the related liabilities are incurred.

A proprietary fund distinguishes operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from an exchange transaction such as providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. Nonoperating revenues and nonoperating expenses result from nonexchange transactions or ancillary services.

TMWA applies all applicable Governmental Accounting Standards Board (GASB) pronouncements in accounting and reporting for proprietary activities.

In accordance with GASB Statement No. 84, TMWA reports its two Other Postemployment Benefit (OPEB) Plans as a fiduciary fund. The OPEB Plans, which have a December 31 year-end, do not present the results of

operations of TMWA or have a measurement focus. They are therefore not consolidated in TMWA's Statements of Net Position or Statements of Revenue, Expenses and Changes in Net Position.

Budgets and Budgetary Accounting

TMWA adheres to the Local Government Budget and Finance Act (Act) incorporated within the Statutes of the State of Nevada. The Act and TMWA policy include the following major procedures to establish budgetary data:

- On or before April 15, TMWA's General Manager submits to the Board a tentative budget for the fiscal year commencing the following July 1.
- Public hearings on the tentative budget are held in May.
- Prior to June 1, at the public hearing, the Board indicates changes, if any, to be made to the tentative budget and adopts a final budget by the favorable vote of a majority of the members of the Board. The final budget must then be forwarded to the Nevada Department of Taxation for final approval.
- Any revisions that alter total appropriations must be approved in advance by the Board. Formal budgetary integration is employed as a management control device during the year.
- Budgets are adopted on a basis consistent with GAAP. Appropriations lapse at year-end.
- In accordance with State statute, actual expenses may not exceed the sum of operating and nonoperating appropriations.

Cash and Investments

Cash balances are, to the extent practical, invested as permitted by law. Monies that are not required for immediate obligations are invested.

Investments authorized by State statutes and TMWA's bond resolutions include, but are not limited to, U.S. Treasury instruments, U.S. government agency securities, agency issued mortgage backed securities (FNMA, FHLMC, GNMA), corporate notes meeting certain rating standards, money market mutual funds meeting certain criteria, certificates of deposit, repurchase agreements, commercial paper meeting certain standards, bankers acceptances, long-term forward sale contracts and guaranteed investment contracts meeting certain rating standards, the State's Local Government Investment Pools (LGIP), medium-term obligations of municipal issuers in the State that meet certain rating standards, and asset backed securities that meet certain rating standards. Investments are reported at fair value, including the investment with LGIP which is the same as TMWA's proportionate share of the pool's fair value.

The §501(c)(9) and §115 Other Postemployment Benefit Plans' net earnings from the State of Nevada Retirement Benefit Investment Fund (RBIF), an external investment pool, are based on the Trusts' original investment plus a monthly allocation of investment income (loss), including realized and unrealized gains and losses, which is the same as the value of the pool shares.

Restricted cash and investments are monies that are restricted by legal or contractual requirements.

Cash Equivalents

Cash equivalents include short-term highly liquid investments (3 months or less at time of purchase) that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes of value.

Accounts Receivable

Accounts receivable is comprised of amounts due from TMWA's customers, net of an allowance for uncollectible accounts. Amounts due from TMWA's customers are comprised of amounts billed and an estimate of amounts earned but unbilled for water deliveries prior to fiscal year-end.

Restricted Assets

Certain proceeds of TMWA's water revenue bonds, as well as certain resources set aside for their repayment, are classified as restricted assets on the Statements of Net Position because their use is limited by applicable bond covenants as follows:

- Current bond debt service - used to segregate resources accumulated for debt service payments over the next twelve months.
- Future bond debt service - used to report resources set aside to make up potential future deficiencies in the current bond debt service.
- Operations and maintenance - used to report resources set aside to subsidize potential deficiencies from TMWA's operation that could adversely affect debt service payments.
- Renewal and replacement - used to report resources set aside to subsidize potential deficiencies in cash flow for replacement of water facilities.
- Water rate stabilization - used to report resources set aside to stabilize customer rates if significant water revenue fluctuations occur.

Unspent bond proceeds are classified as restricted assets and are only used for capital expenditures. Certain assets of TMWA are also classified as restricted assets on the Statements of Net Position because they were derived from contributions from developers to fund the water resource sustainability program adopted under Title II of Public Law 101-618. Other assets of TMWA are classified as restricted assets on the Statements of Net Position because they are set aside to provide other postemployment benefits per the §501(c)(9) Plan.

Prepaid Items

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items. Prepaid items have been classified as current.

Capital Assets

All purchased property, plant, and equipment is stated at cost. TMWA capitalizes all assets with a cost of at least \$5,000 and a useful life greater than one year. The cost of maintenance and repairs that do not increase productive capacity or materially extend the life of an asset are not capitalized. Developer contributed capital assets are recorded at acquisition value in the year of contribution to TMWA.

Depreciation is computed using the straight-line method over the assets' estimated useful lives (in years) as follows:

	Years		Years
Distribution mains	60-75	Canals	15-50
Plants	15-50	Reservoirs	20-75
Services	15-60	Vehicles	5-10
Pump stations	15-50	Furniture and fixtures	7-10
Tanks	65-75	Computer hardware and software	5-15
Wells	15-50	Equipment	5-10
Pressure reducing stations	15-60	Administration buildings	50
Hydroelectric facilities	20-80		

Deferred Outflows/Inflows of Resources

In addition to assets, the Statements of Net Position report a separate section for deferred outflows of resources. This separate financial statement element represents a consumption of net assets that applies to future periods and will not be recognized as an outflow of resources (expense) until then. TMWA’s deferred outflows of resources include its deferred charge on refunding which results from the difference in the carrying value of refunded debt and its acquisition price. This amount is deferred and amortized over the shorter of the life of the refunded or refunding debt. In addition, TMWA has deferred outflows of resources related to pensions and other postemployment benefits.

In addition to liabilities, the Statements of Net Position report a separate section for deferred inflows of resources. This separate financial statement element represents an acquisition of net assets that applies to future periods and will not be recognized as an inflow of resources (revenue) until that time. TMWA has deferred inflows of resources related to leases, bond refundings, pensions and other postemployment benefits.

Pensions

For purposes of measuring the net pension liability, deferred outflows and deferred inflows of resources, and pension expense, information about the fiduciary net position of the Public Employees’ Retirement System of the State of Nevada (PERS) Base Plan (Base Plan) and additions to/deductions from Base Plan’s fiduciary net position have been determined on the same basis as they are reported by the Base Plan. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Other Postemployment Benefits

For purposes of measuring TMWA's net OPEB liability (asset), deferred outflows and deferred inflows of resources, and OPEB expense, information about the fiduciary net position of TMWA's OPEB Plans and additions to/deductions from the fiduciary net position have been determined on the same basis as they are reported by TMWA's OPEB Plans. For this purpose, TMWA recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Compensated Absences

Employees are permitted to accumulate earned but unused vacation and sick pay benefits. The liability for compensated absences is accrued as amounts are earned by employees to the extent it is likely TMWA will ultimately pay those benefits. The liability is included in current and noncurrent liabilities in the accompanying Statements of Net Position.

Long-Term Debt

Long-term debt is reported at face value, net of any premium or discounts, in the Statements of Net Position. Premiums and discounts are amortized using the effective interest method over the life of the related debt. Debt issuance costs are expensed in the period incurred.

Classification of Revenues

Operating revenues consist of water sales, hydroelectric sales, and miscellaneous fee income. Nonoperating revenues consist essentially of income derived from investments and reimbursement, if any, for nonoperating activities. Developer facility charges, will-serve contributions, and other contributions reflect payments primarily for water service. Developer infrastructure contributions are an estimation of the value of infrastructure built by developers and permanently dedicated to TMWA.

Net Position

Net Position is displayed in three classifications:

- Net investment in capital assets - This component represents TMWA's net position in its capital assets. It reflects the cost of capital assets, less accumulated depreciation and less the outstanding principal of related debt, excluding unspent proceeds.
- Restricted - This component reflects the carrying value of assets, less related liabilities, that are restricted by law or by other externally imposed restrictions, such as bond covenants. Assets restricted only by TMWA or Board imposed limitations are not included in the calculation.
- Unrestricted - This component represents the remaining net position balance that is available to support TMWA's operations and capital asset acquisition/construction.

When both restricted and unrestricted resources are available for use, it is TMWA's policy to use unrestricted resources first, then restricted resources as required.

Use of Estimates in Preparing Financial Statements

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

New Accounting Pronouncements

In June 2022, the GASB issued Statement No. 100, *Accounting Changes and Error Corrections*, which is effective for fiscal years beginning after June 15, 2023. The primary objective of this Statement is to enhance accounting and financial reporting requirements for accounting changes and error corrections to provide more

understandable, reliable, relevant, consistent, and comparable information for making decisions or assessing accountability. TMWA adopted this GASB in the fiscal year ended June 30, 2024. See Note 14 to the financial statements for additional information on the impact of adoption.

In June 2022, the GASB issued Statement No. 101, *Compensated Absences*, which is effective for fiscal years beginning after December 15, 2023. The primary objective of this Statement is to create a more consistent model of accounting for compensated absences that can be applied to all types of compensated absence arrangements. This Statement requires governments to apply specific criteria in determining the liability to record in their statements of net position. TMWA is currently evaluating the effect the adoption of this GASB will have on its financial statements in the fiscal year ended June 30, 2025.

In December 2023, the GASB issued Statement No. 102, *Certain Risk Disclosures*, which is effective for fiscal years beginning after June 15, 2024. The primary objective of this Statement is to provide users of government financial statements with essential information about risks related to a government's vulnerabilities due to certain concentrations or constraints. TMWA is currently evaluating the effect the adoption of this GASB will have on its financial statements in the fiscal year ended June 30, 2025.

In April 2024, the GASB issued Statement No. 103, *Financial Reporting Model Improvements*, which is effective for fiscal years beginning after June 15, 2025. The primary objective of this Statement is to improve key components of the financial reporting model to enhance its effectiveness in providing information that is essential for decision making and assessing a government's accountability. TMWA is currently evaluating the effect the adoption of this GASB will have on its financial statements in the fiscal year ended June 30, 2026.

Note 2 - Compliance with Nevada Revised Statutes and the Nevada Administrative Code

TMWA conformed to all significant statutory constraints on its financial administration during the year.

Note 3 - Accounts Receivable, Net

Accounts receivable, net consisted of the following:

	June 30, 2024	June 30, 2023
Billed amounts	\$ 8,200,934	\$ 5,887,249
Earned, but unbilled amounts	9,974,422	7,716,936
	18,175,356	13,604,185
Allowance for uncollectible accounts	(251,412)	(174,721)
Accounts receivable, net	<u>\$ 17,923,944</u>	<u>\$ 13,429,464</u>

Note 4 - Cash and Investments

In accordance with State statutes, TMWA's cash is deposited with insured banks. All money deposited by TMWA that is not within the limits of insurance must be secured by collateral. TMWA's deposits are collateralized by the Office of the State Treasurer/Nevada Collateral Pool.

The OPEB Plans' bank balances are covered by the Federal Deposit Insurance Corporation. Under the Plans' investment policies, the Plans' assets are limited to investments in the State of Nevada RBIF, and any investment authorized pursuant to Nevada Revised Statute (NRS) 355.170. The Plans invest their assets in the RBIF as allowed by the NRS 287.017 and the Nevada Administrative Code. The RBIF was established pursuant to NRS

355.220 and is administered by the Retirement Benefits Investment Board as an unrated external investment pool. The RBIF is not registered with the Securities and Exchange Commission as an investment company. Each participant acts as fiduciary for its particular share of the RBIF and is allocated earnings and expenses according to its proportional share in RBIF. Bank of New York, Mellon determines the fair value of the RBIF monthly.

As of June 30, 2024, TMWA had the following cash and investments maturities:

	Less than 1 Year	1 - 3 Years	4 - 5 Years	Total
Investments				
U.S. Treasuries	\$ 29,415,290	\$ 26,597,138	\$ —	\$ 56,012,428
U.S. Agencies	19,611,289	32,427,693	—	52,038,982
LGIP	2,530,900	—	—	2,530,900
Money Market Mutual Funds	40,909,525	—	—	40,909,525
Certificates of Deposit	6,961,734	687,278	750,099	8,399,111
Corporate Notes	3,448,685	11,470,517	—	14,919,202
Commercial Paper	2,294,031	—	—	2,294,031
Total Investments	105,171,454	71,182,626	750,099	177,104,179
Total Cash	10,702,454	—	—	10,702,454
Total Cash and Investments	\$ 115,873,908	\$ 71,182,626	\$ 750,099	\$ 187,806,633

As of June 30, 2023, TMWA had the following cash and investments maturities:

	Less than 1 Year	1 - 3 Years	4 - 5 Years	Total
Investments				
U.S. Treasuries	\$ 10,316,106	\$ 30,381,496	\$ 11,222,844	\$ 51,920,446
U.S. Agencies	20,693,782	50,216,889	14,986,705	85,897,376
LGIP	2,404,342	—	—	2,404,342
Money Market Mutual Funds	31,381,893	—	—	31,381,893
Certificates of Deposit	2,485,329	239,570	1,394,010	4,118,909
Corporate Notes	8,213,572	18,072,256	3,726,507	30,012,335
Total Investments	75,495,024	98,910,211	31,330,066	205,735,301
Total Cash	1,592,441	—	—	1,592,441
Total Cash and Investments	\$ 77,087,465	\$ 98,910,211	\$ 31,330,066	\$ 207,327,742

As of December 31, 2023, the OPEB Plans had the following cash and investments maturities:

	Less than 1 Year	1 - 3 Years	4 - 5 Years	Total
§501(c)(9) Plan				
Total Cash	\$ 170,310	\$ —	\$ —	\$ 170,310
Total Investments - RBIF	15,390,220	—	—	15,390,220
Total Cash and Investments	<u>\$ 15,560,530</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 15,560,530</u>
§115 Plan				
Total Cash	\$ 26,657	\$ —	\$ —	\$ 26,657
Total Investments - RBIF	1,731,235	—	—	1,731,235
Total Cash and Investments	<u>\$ 1,757,892</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 1,757,892</u>

As of December 31, 2022, the OPEB Plans had the following cash and investments maturities:

	Less than 1 Year	1 - 3 Years	4 - 5 Years	Total
§501(c)(9) Plan				
Total Cash	\$ 74,782	\$ —	\$ —	\$ 74,782
Total Investments - RBIF	13,457,829	—	—	13,457,829
Total Cash and Investments	<u>\$ 13,532,611</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 13,532,611</u>
§115 Plan				
Total Cash	\$ 55,240	\$ —	\$ —	\$ 55,240
Total Investments - RBIF	1,467,726	—	—	1,467,726
Total Cash and Investments	<u>\$ 1,522,966</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 1,522,966</u>

Nevada Revised Statutes (NRS 355.170) set forth acceptable investments for Nevada governments. On September 20, 2017, the TMWA Board adopted an investment policy which extended TMWA's investment period from two years to five years. Nevada Revised Statutes and TMWA's investment policy set portfolio component thresholds to further limit its exposure to certain risks as set forth below.

Interest Rate Risk

Interest rate risk is the risk of possible reduction in the value of a security, especially a bond, resulting from a rise in interest rates. This risk can be mitigated by diversification of durations of fixed rate investments held in the investment portfolio. As a means of limiting TMWA's exposure to this risk, TMWA constantly monitors the bond futures market and ladders investments accordingly to maximize investment returns while balancing the investment maturities with spending requirements. TMWA follows State statute limits of investment in obligations of an agency of the United States or a corporation sponsored by the United States government to those maturing within five years from the date of purchase.

Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations and is a function of the credit quality ratings of investments. TMWA follows State statute for reducing exposure to investment credit risk by investing in U.S. Agencies securities; “AAA” rated money market mutual funds that invest in securities issued by the U.S. Government or agencies of the U.S. Government, and the State of Nevada Local Government Pooled Investment Fund (LGIP). TMWA has a debt reserve fund with LGIP, which is an unrated external investment pool with investment duration of 82 days at June 30, 2024, and 113 days at June 30, 2023.

At June 30, 2024, using Standard & Poor's rating scale, TMWA's investments were rated as follows:

S&P Rating	U.S. Treasuries	U.S. Agencies	LGIP	Money Market Mutual Funds	Certificates of Deposit	Corporate Notes	Corporate Commercial Paper	Total
AAA	\$ —	\$ —	\$ —	\$ 6,307,264	\$ —	\$ —	\$ —	\$ 6,307,264
AA+	56,012,428	52,038,982	—	—	—	—	—	108,051,410
AA	—	—	—	—	—	1,083,151	—	1,083,151
AA-	—	—	—	—	—	560,185	—	560,185
A+	—	—	—	—	250,049	933,783	—	1,183,832
A	—	—	—	—	—	2,615,927	—	2,615,927
A-	—	—	—	—	—	8,314,428	—	8,314,428
A-1+	—	—	—	—	2,220,928	—	—	2,220,928
A-1	—	—	—	—	4,492,958	—	2,294,031	6,786,989
BBB+	—	—	—	—	—	1,411,728	—	1,411,728
BBB-	—	—	—	—	477,546	—	—	477,546
NR	—	—	2,530,900	34,602,261	957,630	—	—	38,090,791
Total Investments	\$ 56,012,428	\$ 52,038,982	\$ 2,530,900	\$ 40,909,525	\$ 8,399,111	\$ 14,919,202	\$ 2,294,031	\$ 177,104,179

At June 30, 2023, using Standard & Poor's rating scale, TMWA's investments were rated as follows:

S&P Rating	U.S. Treasuries	U.S. Agencies	LGIP	Money Market Mutual Funds	Certificates of Deposit	Corporate Notes	Total
AAA	\$ —	\$ —	\$ —	\$ 543,103	\$ —	\$ 1,245,337	\$ 1,788,440
AA+	51,920,446	85,897,376	—	—	—	—	137,817,822
AA	—	—	—	—	—	2,410,112	2,410,112
A+	—	—	—	—	991,173	1,512,486	2,503,659
A	—	—	—	—	—	12,500,818	12,500,818
A-	—	—	—	—	—	10,966,649	10,966,649
BBB+	—	—	—	—	—	1,376,933	1,376,933
BBB	—	—	—	—	—	—	—
BBB-	—	—	—	—	458,197	—	458,197
NR	—	—	2,404,342	30,838,790	2,669,539	—	35,912,671
Total Investments	\$ 51,920,446	\$ 85,897,376	\$ 2,404,342	\$ 31,381,893	\$ 4,118,909	\$ 30,012,335	\$ 205,735,301

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. Securities held by TMWA or by TMWA's custodians are diversified to eliminate risk of loss from over-concentration of assets in a specific maturity, issuer, or class of securities.

At June 30, 2024 and 2023, the following investments by issuer exceeded 5% of TMWA's total investments:

	June 30, 2024	
U.S. Treasuries	\$ 56,012,428	33 %
Federal Home Loan Banks	27,966,654	17 %
Federated Hermes Treasury Obligations	25,118,263	15 %
Federal National Mortgage Association	11,183,219	7 %
	June 30, 2023	
U.S. Treasuries	\$ 51,920,446	26 %
Federal National Mortgage Association	33,408,276	17 %
Federal Home Loan Banks	29,208,141	15 %
Federated Hermes Treasury Obligations	23,353,030	12 %
Federal Farm Credit Bank	13,890,905	7 %

Investments Measured at Fair Value

TMWA categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. TMWA does not have any investments that are measured using Level 3 inputs.

TMWA had the following recurring fair value measurements as of June 30, 2024:

	Fair Value	Fair Value Measurements Using	
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)
Investments by fair value level			
U.S. Treasuries	\$ 56,012,428	\$ 56,012,428	\$ —
U.S. Agencies	52,038,982	—	52,038,982
Certificates of Deposit	8,399,111	—	8,399,111
Corporate Notes	14,919,202	—	14,919,202
Commercial Paper	2,294,031	—	2,294,031
	<u>133,663,754</u>	<u>\$ 56,012,428</u>	<u>\$ 77,651,326</u>
LGIP	2,530,900		
Money Market Mutual Funds*	40,909,525		
	<u>\$ 177,104,179</u>		

TMWA had the following recurring fair value measurements as of June 30, 2023:

	Fair Value	Fair Value Measurements Using	
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)
Investments by fair value level			
U.S. Treasuries	\$ 51,920,446	\$ 51,920,446	\$ —
U.S. Agencies	85,897,376	—	85,897,376
Certificates of Deposit	4,118,909	—	4,118,909
Corporate Notes	30,012,335	—	30,012,335
	<u>171,949,066</u>	<u>\$ 51,920,446</u>	<u>\$ 120,028,620</u>
LGIP	2,404,342		
Money Market Mutual Funds*	31,381,893		
	<u>\$ 205,735,301</u>		

*Money market mutual funds are not held primarily for the purpose of income or profit and have remaining maturities at time of purchase of one year or less. Therefore, the money market mutual funds are recorded at amortized cost.

The following is a description of the valuation methodologies used by TMWA for its Level 2 assets:

U.S. Agencies – Valued using matrix pricing and market corroborated pricing models.

Certificates of Deposit - Valued using interactive date pricing and reference data.

Corporate Notes - Valued using institutional bond quotes based on various market and industry inputs.

Commercial paper – Valued at fair value based on the observable market prices of inputs for similar securities.

Note 5 - Capital Assets

Capital asset activity for the year ended June 30, 2024 follows:

	Beginning Balance	Increases	Decreases	Ending Balance
Capital assets, not being depreciated				
Construction in progress	\$ 63,817,854	\$ 72,182,065	\$ (55,105,508)	\$ 80,894,411
Land	20,859,674	31,000	(1,666)	20,889,008
Water rights	116,456,842	4,666,062	—	121,122,904
Total capital assets, not being depreciated	<u>201,134,370</u>	<u>76,879,127</u>	<u>(55,107,174)</u>	<u>222,906,323</u>
Capital assets, being depreciated				
Distribution mains	632,257,695	19,445,285	—	651,702,980
Water treatment (plants)	232,062,277	3,961,076	—	236,023,353
Services	176,436,216	14,657,413	—	191,093,629
Pump stations	79,856,004	8,211,617	—	88,067,621
Treated water storage (tanks)	106,225,781	6,039,135	—	112,264,916
Wells	83,983,474	3,939,331	—	87,922,805
Pressure regulating stations	21,325,572	5,326,835	—	26,652,407
Canals	44,772,747	—	—	44,772,747
Reservoirs	19,391,975	107,778	—	19,499,753
Vehicles	10,357,435	1,178,440	—	11,535,875
Furniture and fixtures	873,329	35,559	—	908,888
Computer hardware and software	12,365,711	259,599	—	12,625,310
Equipment	252,659	213,208	—	465,867
Hydroelectric facilities	35,271,271	59,518	—	35,330,789
Administrative buildings	16,233,457	343,345	—	16,576,802
Total capital assets, being depreciated	<u>1,471,665,603</u>	<u>63,778,139</u>	<u>—</u>	<u>1,535,443,742</u>
Less accumulated depreciation:				
Distribution mains	(172,460,651)	(11,508,797)	—	(183,969,448)
Water treatment (plants)	(116,499,112)	(6,892,732)	—	(123,391,844)
Services	(131,097,866)	(5,722,518)	—	(136,820,384)
Pump stations	(32,386,494)	(2,626,215)	—	(35,012,709)
Treated water storage (tanks)	(37,202,594)	(2,447,983)	—	(39,650,577)
Wells	(40,831,035)	(2,248,536)	—	(43,079,571)
Pressure regulating stations	(8,847,003)	(599,051)	—	(9,446,054)
Canals	(15,470,599)	(1,033,830)	—	(16,504,429)
Reservoirs	(8,785,731)	(449,982)	—	(9,235,713)
Vehicles	(7,819,999)	(821,244)	—	(8,641,243)
Furniture and fixtures	(765,704)	(43,265)	—	(808,969)
Computer hardware and software	(4,712,636)	(875,821)	—	(5,588,457)
Equipment	(207,324)	(25,781)	—	(233,105)
Hydroelectric facilities	(6,874,971)	(692,187)	—	(7,567,158)
Administrative buildings	(4,956,120)	(512,571)	—	(5,468,691)
Total accumulated depreciation	<u>(588,917,839)</u>	<u>(36,500,513)</u>	<u>—</u>	<u>(625,418,352)</u>
Total capital assets, being depreciated net	<u>882,747,764</u>	<u>27,277,626</u>	<u>—</u>	<u>910,025,390</u>
Total Capital Assets, Net	<u>\$ 1,083,882,134</u>	<u>\$ 104,156,753</u>	<u>\$ (55,107,174)</u>	<u>\$ 1,132,931,713</u>

Capital asset activity for the year ended June 30, 2023 follows:

	Beginning Balance	Increases	Decreases	Ending Balance
Capital assets, not being depreciated				
Construction in progress	\$ 46,612,192	\$ 48,187,537	\$ (30,981,875)	\$ 63,817,854
Land	20,656,209	203,669	(204)	20,859,674
Water rights	110,735,296	5,721,546	—	116,456,842
Total capital assets, not being depreciated	178,003,697	54,112,752	(30,982,079)	201,134,370
Capital assets, being depreciated				
Distribution mains	606,514,576	25,743,119	—	632,257,695
Water treatment (plants)	230,092,240	1,985,937	(15,900)	232,062,277
Services	170,891,730	5,544,486	—	176,436,216
Pump stations	75,748,643	4,128,477	(21,116)	79,856,004
Treated water storage (tanks)	99,345,247	6,880,534	—	106,225,781
Wells	79,053,515	4,960,348	(30,389)	83,983,474
Pressure regulating stations	20,820,528	505,044	—	21,325,572
Canals	44,772,747	—	—	44,772,747
Reservoirs	19,329,874	62,101	—	19,391,975
Vehicles	9,788,167	569,268	—	10,357,435
Furniture and fixtures	836,662	36,667	—	873,329
Computer hardware and software	12,109,417	256,294	—	12,365,711
Equipment	252,659	—	—	252,659
Hydroelectric facilities	35,209,402	61,869	—	35,271,271
Administrative buildings	16,197,903	35,554	—	16,233,457
Total capital assets, being depreciated	1,420,963,310	50,769,698	(67,405)	1,471,665,603
Less accumulated depreciation:				
Distribution mains	(161,258,816)	(11,201,835)	—	(172,460,651)
Water treatment (plants)	(109,722,358)	(6,782,672)	5,918	(116,499,112)
Services	(125,795,689)	(5,302,177)	—	(131,097,866)
Pump stations	(30,101,884)	(2,292,433)	7,823	(32,386,494)
Treated water storage (tanks)	(34,911,510)	(2,291,084)	—	(37,202,594)
Wells	(38,834,898)	(2,004,494)	8,357	(40,831,035)
Pressure regulating stations	(8,338,267)	(508,736)	—	(8,847,003)
Canals	(14,434,824)	(1,035,775)	—	(15,470,599)
Reservoirs	(8,337,688)	(448,043)	—	(8,785,731)
Vehicles	(6,965,273)	(854,726)	—	(7,819,999)
Furniture and fixtures	(728,072)	(37,632)	—	(765,704)
Computer hardware and software	(3,827,966)	(884,670)	—	(4,712,636)
Equipment	(198,169)	(9,155)	—	(207,324)
Hydroelectric facilities	(6,183,559)	(691,412)	—	(6,874,971)
Administrative buildings	(4,452,432)	(503,688)	—	(4,956,120)
Total accumulated depreciation	(554,091,405)	(34,848,532)	22,098	(588,917,839)
Total capital assets, being depreciated net	866,871,905	15,921,166	(45,307)	882,747,764
Total Capital Assets, Net	<u>\$ 1,044,875,602</u>	<u>\$ 70,033,918</u>	<u>\$ (31,027,386)</u>	<u>\$ 1,083,882,134</u>

Note 6 - Leases

TMWA has an agreement to lease cell tower space to CCTM1 LLC. The agreement term began in 1998 and allowed for five 5-year renewal terms after the initial term expired in 2003. TMWA foresees continuing the lease through 2028. Rent was \$6,000 for the first year and is increased based on CPI every five years with the renewal of the lease. TMWA used a borrowing rate of 3.17% to recognize this lease under GASB 87, *Leases*. During the fiscal year ended June 30, 2024, TMWA recognized \$9,691 in lease revenue and \$1,354 in interest revenue related to this agreement. At June 30, 2024, TMWA reported \$38,117 in lease receivables and \$34,725 in deferred inflows of resources, which will be recognized as revenue over the term of the lease, related to this agreement. During the year ended June 30, 2023, TMWA recognized \$9,729 in lease revenue and \$1,581 in interest revenue related to this agreement. At June 30, 2023, TMWA reported \$48,188 in lease receivables and \$44,591 in deferred inflows of resources, which will be recognized as revenue over the term of the lease, related to this agreement.

TMWA has an agreement to lease cell tower space to T-Mobile. The agreement term began in 1998 and allowed for five 5-year renewal terms after the initial term expired in 2003. TMWA foresees continuing the lease through 2028. Rent was \$4,000 for the first year and is increased based on CPI every five years with the renewal of the lease. The third amendment to the agreement also added \$3,000 per year to the base rent. TMWA used a borrowing rate of 3.17% to recognize this lease under GASB 87, *Leases*. During the fiscal year ended June 30, 2024, TMWA recognized \$9,123 in lease revenue and \$1,337 in interest revenue related to this agreement. At June 30, 2024, TMWA reported \$38,094 in lease receivables and \$36,493 in deferred inflows of resources, which will be recognized as revenue over the term of the lease, related to this agreement. During the year ended June 30, 2023, TMWA recognized \$7,859 in lease revenue and \$1,514 in interest revenue related to this agreement. At June 30, 2023, TMWA reported \$44,501 in lease receivables and \$43,224 in deferred inflows of resources, which will be recognized as revenue over the term of the lease, related to this agreement.

TMWA has an agreement to lease cell tower space to AT&T. The agreement term began in 2000 and allowed for three 5-year renewal terms after the initial term expired in 2005. A first amendment to the agreement extended the term for another five years to 2025 and allows for two 5-year renewal terms after the contract expires in 2025. TMWA foresees continuing the lease through 2035. Rent was \$13,800 for the first year and was originally increased based on CPI every five years with the renewal of the lease. The first amendment to the agreement added \$3,600 per year to the base rent and specified that the yearly rent will increase by 10% upon the commencement of each extension term. TMWA used a borrowing rate of 2.78% to recognize this lease under GASB 87, *Leases*. During the fiscal year ended June 30, 2024, TMWA recognized \$21,055 in lease revenue and \$7,526 in interest revenue related to this agreement. At June 30, 2024, TMWA reported \$259,670 in lease receivables and \$242,134 in deferred inflows of resources, which will be recognized as revenue over the term of the lease, related to this agreement. During the year ended June 30, 2023, TMWA recognized \$19,936 in lease revenue and \$8,196 in interest revenue related to this agreement. At June 30, 2023, TMWA reported \$263,572 in lease receivables and \$249,195 in deferred inflows of resources, which will be recognized as revenue over the term of the lease, related to this agreement.

TMWA has an agreement to lease a portion of its land's air space to Lamar Central Outdoor LLC. The agreement term began in 2024 and allows for two 5-year renewal terms after the initial term expires in 2030. Rent is \$4,620 for the first year and increases 3.0% each year. TMWA used a borrowing rate of 2.37% to recognize this lease under GASB 87, *Leases*. During the year ended June 30, 2024, TMWA recognized \$4,105 in lease revenue and \$225 in interest revenue related to this agreement. At June 30, 2024, TMWA reported \$28,300 in lease receivables and \$31,086 in deferred inflows of resources, which will be recognized as revenue over the term of the lease, related to this agreement.

Note 7 - Long-Term Liabilities

Long-Term Debt

On June 8, 2005, TMWA entered into a loan contract with the State of Nevada Drinking Water State Revolving Fund (DWSRF) to fund TMWA's Arsenic Mitigation Project. TMWA made draws on this contract as construction proceeded, totaling \$4,669,565. The loan constitutes a special limited obligation of TMWA and the principal and interest on the loan will be payable solely from and secured by an irrevocable pledge of the net revenues derived from the operation of the Water System. This loan has a term of 20 years. This loan is subordinate to the 2015A Refunding Bonds, the 2016 Refunding Bonds, the 2017 Refunding Bonds, the 2018 Refunding Bonds, and any future senior lien bonds.

On August 15, 2006, TMWA began an inaugural Tax-Exempt Commercial Paper (TECP) program that originally authorized the issuance of up to \$160,000,000 in TECP notes. The first draw was on August 16, 2006 for \$30,000,000, and a second draw was on December 5, 2006 for \$13,000,000. The proceeds from the first two draws were used solely to purchase water rights for future sale of will-serve commitments to developers. A third draw was made on February 15, 2008 for \$25,000,000 to fund certain construction projects on an interim basis. A fourth draw was made on June 28, 2011 for \$11,400,000 for the purpose of redeeming the remaining outstanding Series 2001A Bonds which were callable on July 1, 2011. TMWA redeemed the \$11,400,000 issued in the fourth draw on December 10, 2012. TMWA issued a fifth draw for \$27,000,000 on December 17, 2014 to refund, on an advanced basis, \$26,100,000 in Washoe County water obligations to effect the water utility consolidation between Washoe County and TMWA with proceeds transferred to escrow on the date of issuance. The funds in escrow were distributed to the Washoe County bondholders as of July 1, 2015, the call date of the bonds. On various dates in fiscal year 2016, TMWA redeemed \$7,200,000. On September 7, 2016, TMWA redeemed \$4,400,000, and on September 5, 2017, TMWA redeemed \$9,200,000. On May 15, 2018 TMWA redeemed \$44,200,000 as part of the Series 2018 Water Revenue Refunding (see below). This left an outstanding balance of \$30,000,000 as of June 30, 2018. On September 4, 2018, TMWA redeemed \$6,500,000, on October 2, 2019, TMWA redeemed \$5,000,000, and on March 3, 2020, TMWA redeemed \$2,500,000. This left an outstanding balance of \$16,000,000 as of June 30, 2020. In the first half of fiscal year 2021, TMWA redeemed \$3,000,000 of the \$16,000,000 outstanding. The remaining \$13,000,000 was redeemed in June 2021 as part of the 2021 Subordinate Water Refunding Bonds (see below). TMWA has remaining authorization to issue \$53,600,000 as of June 30, 2024. This authorization expires July 1, 2036. Should TMWA wish to issue any of the remaining balance, new agreements and Board approval would be required.

On July 25, 2009, TMWA entered into a loan contract with the DWSRF, the 2009A DWSRF Loan, to partially fund TMWA's Mogul Bypass Siphon Project. The loan was provided through the American Recovery and Reinvestment Act (ARRA) stimulus funding provided by the federal government. TMWA made draws on this contract as construction proceeded, totaling \$2,401,120. The loan constitutes a special limited obligation of TMWA and the principal and interest on the loan will be payable solely from and secured by an irrevocable pledge of the net revenues derived from the operation of the Water System. This loan has a term of 20 years. This loan is subordinate to the senior lien 2015A Refunding Bonds, the 2016 Refunding Bonds, the 2017 Refunding Bonds, the 2018 Refunding Bonds, and any future senior lien bonds.

On February 11, 2010, TMWA entered into a loan contract with DWSRF, the 2010A DWSRF Loan, to fund TMWA's Glendale Water Treatment Plant Diversion Project. Total construction costs for the Glendale Diversion Project were less than expected. Consequently, TMWA requested and was granted that the remaining loan authorization be able to fund final improvements on the Highland Canal. During fiscal year 2013, the loan was finalized in the total amount of \$4,381,614. The loan constitutes a special limited obligation of TMWA and the principal and interest on the loan are payable solely from and secured by an irrevocable pledge of the net revenues derived from the operation of the Water System. This loan has a term of 20 years. This loan is subordinate to the,

senior lien 2015A Refunding Bonds the 2016 Refunding Bonds, the 2017 Refunding Bonds, the 2018 Refunding Bonds as well as any future senior lien bonds.

On December 31, 2014, TMWA entered into a loan contract with the DWSRF, to transfer the remaining loan balance of the Washoe County Water Utility 2005 DWSRF loan to TMWA. The transfer was in conjunction with the transfer of operations of the Washoe County Water Utility into TMWA on January 1, 2015. The loan contract was entered into by the Washoe County Water Utility to construct the Longley Lane Water Treatment Facility, a facility that was transferred to TMWA. The loan balance of \$9,109,437 was transferred to TMWA under the same terms that existed with Washoe County as the TMWA 2014 DWSRF loan. The original balance of the loan was \$14,162,268. The loan constitutes a special limited obligation of TMWA, and the principal and interest on the loan are payable solely from and secured by an irrevocable pledge of the net revenues, derived from the operation of the Water System. When it was transferred this loan had a remaining term of 10 years. This loan is subordinate to the senior lien 2015A Refunding Bonds, the 2016 Refunding Bonds, the 2017 Refunding Bonds, the 2018 Refunding Bonds as well as any future senior lien bonds.

On April 14, 2015, TMWA issued \$28,750,000 in Series 2015A Refunding Bonds which constitute special limited obligations of TMWA. These bonds were sold to refund on a current basis \$33,050,000 in maturities of the Series 2005A Bonds. The proceeds of the refunding bond issue were placed in an irrevocable trust for the purpose of generating financial resources to defease the callable portion of the Series 2005A Bonds. The Series 2005A refunded bonds are considered to be defeased and the liability has been removed from TMWA's Statement of Net Position. The net carrying amount of the old debt exceeded the reacquisition price by \$140,645. The unamortized balance is being amortized as a component of interest income over the remaining life of the old and new debt, which has the same remaining life. This current refunding was undertaken to reduce total debt service payments over approximately 21 years by \$6,563,813 and resulted in an economic gain of \$4,575,309. The funds held in the irrevocable trust were distributed to 2005A bondholders as of July 1, 2015, the call date of the 2005A Bonds. On December 20, 2023, TMWA defeased \$11,485,000 of the bonds, along with \$1,014,912 of the unamortized bond premium. TMWA used current resources for the defeasance and no new debt was issued. The remaining balance due is \$9,645,000 with an associated premium of \$852,314, which will be amortized over the life of the bonds.

On July 30, 2015, TMWA entered into a loan contract with the DWSRF, the 2015B DWSRF Loan, to fund TMWA's surface and groundwater supplies in the North Valleys particularly the Stead area, Lemmon Valley area, and North Virginia Corridor. Of the \$15,000,000 authorized, TMWA made draws on this contract as construction proceeded totaling \$8,971,562. The loan constitutes a special limited obligation of TMWA and the principal and interest on the loan are payable solely from and secured by an irrevocable pledge of the net revenues derived from the operation of the Water System. This loan has a term of 20 years. This loan is subordinate to the senior lien 2015A Refunding Bonds, the 2016 Refunding Bonds, the 2017 Refunding Bonds, the 2018 Refunding Bonds as well as any future senior lien bonds. This loan is also subordinate to the 2005 DWSRF Bonds, the 2009A DWSRF ARRA Bonds, the 2010A DWSRF Bonds, the 2014 DWSRF Bonds, and the 2015B DWSRF Bonds.

On April 12, 2016, TMWA issued \$124,790,000 in Series 2016 Water Revenue Refunding Bonds which constitute special limited obligations of TMWA. These bonds were sold to refund \$148,015,000 in maturities of the Series 2006 Bonds. The proceeds of the refunding bond issue were used to purchase U.S. Government securities that were placed in an irrevocable trust for the purpose of generating financial resources for the future debt service payments of the refunded Series 2006 Bonds. As a result, the refunded bonds were considered to be defeased and the liability has been removed from TMWA's Statement of Net Position. The reacquisition price exceeded the net carrying amount of the old debt by \$3,092,808. The unamortized balance is being amortized as a component of interest expense over the original life of the old debt, which has a shorter remaining life in comparison to the remaining life of the refunding bonds. This current refunding was undertaken to reduce total debt service payments over 22 years by \$4,332,501, and resulted in an economic gain of \$15,025,124. The funds in the irrevocable trust were distributed to 2006 bondholders as of July 1, 2016, the call date of the 2006 Bonds. On December 20, 2023, TMWA defeased \$58,345,000 of the bonds, along with \$6,419,187 of the unamortized

bond premium. TMWA used current resources for the defeasance and no new debt was issued. The remaining balance due is \$66,445,000 with an associated premium of \$7,310,359, which will be amortized over the life of the bonds.

On April 11, 2017, TMWA issued \$147,415,000 in Series 2017 Water Revenue Refunding Bonds which constitute special limited obligations of TMWA. These bonds were sold to refund \$214,290,000 in maturities of the Series 2007 Bonds. The proceeds of the refunding bond issue along with \$32,865,308 from TMWA's cash balances were used to purchase U.S. Government securities that were placed in an irrevocable trust for the purpose of generating financial resources for the future debt service payments of the refunded Series 2007 Bonds. As a result, the refunded bonds were considered to be defeased and the liability has been removed from TMWA's Statement of Net Position. The reacquisition price exceeded the net carrying amount of the old debt by \$289,903. The unamortized balance is being amortized as a component of interest income over the remaining life of the old and new debt, which has the same remaining life. This current refunding was undertaken to reduce total debt service payments over 14 years by \$15,301,534, and resulted in an economic gain of \$15,948,105. The funds in the irrevocable trust were distributed to 2007 bondholders as of July 1, 2017, the call date of the 2007 Bonds.

On May 15, 2018, TMWA issued \$38,835,000 in Series 2018 Water Revenue Refunding Bonds which constitute special limited obligations of TMWA. The proceeds of the bond issue of \$44,601,977 were used to refund or redeem \$44,200,000 in maturities of TECP (see above). This transaction was executed to provide a fixed rate of interest expense over the life of the refunding, which was effected by replacing variable rate TECP debt with fixed rate bonds.

On June 3, 2021, TMWA issued \$13,000,000 in Series 2021 Subordinate Water Revenue Refunding Bonds which constitute special limited obligations of TMWA. The Bonds were sold pursuant to a Continuing Covenant Agreement as a Direct Purchase to Wells Fargo Municipal Capital Strategies, LLC. The proceeds of the bond issue of \$13,000,000 were used to refund or redeem \$13,000,000 in maturities of TECP (see above). This transaction was executed to provide a fixed interest rate over the life of the refunding, which was effected by replacing variable rate TECP debt with fixed rate bonds. The provisions of the loan agreement require level, annual debt service for full repayment of the bonds through fiscal year 2028. This loan is subordinate to the senior lien 2015A Refunding Bonds, the 2016 Refunding Bonds, the 2017 Refunding Bonds and the 2018 Refunding Bonds.

On January 18, 2024, TMWA issued \$61,530,000 in Series 2024 Water Revenue Bonds which constitute special limited obligations of TMWA. The proceeds of the bonds will be used to cover capital expenditures over the next two years.

The following schedules summarize the changes in long-term debt obligations as of June 30, 2024:

	Final Maturity Date	Authorized	Balance July 1, 2023	Additions	Deletions	Balance June 30, 2024	Due in 2024-2025
Direct Borrowings							
2005 - DWSRF Bonds 3.21%	1/1/2025	\$ 4,669,565	\$ 647,209	\$ —	\$ 318,452	\$ 328,757	\$ 328,756
2009 A - DWSRF ARRA Bonds 0.00%	7/1/2029	2,401,120	803,846	—	123,669	680,177	123,669
2010 A - DWSRF Bonds 3.25%	1/1/2030	4,381,614	2,097,916	—	271,509	1,826,407	280,405
2014 - DWSRF Bonds 2.81%	1/1/2025	9,109,437	1,946,888	—	959,863	987,025	987,025
2015 B - DWSRF Bonds 2.62%	7/1/2035	15,000,000	6,519,338	—	447,085	6,072,253	458,875
2021 - Refunding Bonds 1.19%	6/1/2028	13,000,000	9,400,000	—	1,835,000	7,565,000	1,860,000
		48,561,736	21,415,197	—	3,955,578	17,459,619	4,038,730
Bonds Payable							
2015 A - Refunding Bonds 2.00%-5.00%	7/1/2036	28,750,000	22,240,000	—	12,595,000	9,645,000	1,175,000
2016 - Refunding Bonds 5.00%	7/1/2037	124,790,000	124,790,000	—	58,345,000	66,445,000	—
2017 - Refunding Bonds 4.00%-5.00%	7/1/2030	147,415,000	114,725,000	—	12,135,000	102,590,000	12,745,000
2018 - Refunding Bonds 5.00%	7/1/2039	38,835,000	38,835,000	—	—	38,835,000	—
2024 - Water Revenue Bonds 5.00%	7/1/2036	61,530,000	—	61,530,000	—	61,530,000	—
		401,320,000	300,590,000	61,530,000	83,075,000	279,045,000	13,920,000
Subtotal		449,881,736	322,005,197	61,530,000	87,030,578	296,504,619	17,958,730
Plus unamortized net bond premium			29,146,578	13,913,050	11,660,214	31,399,414	
Total debt before TECP			351,151,775	75,443,050	98,690,792	327,904,033	
TECP		53,600,000	—	—	—	—	—
Total Debt		<u>\$503,481,736</u>	<u>\$351,151,775</u>	<u>\$ 75,443,050</u>	<u>\$ 98,690,792</u>	<u>\$327,904,033</u>	<u>\$ 17,958,730</u>

The following schedules summarize the changes in long-term debt obligations as of June 30, 2023:

	Final Maturity Date	Authorized	Balance July 1, 2022	Additions	Deletions	Balance June 30, 2023	Due in 2023-2024
Direct Borrowings							
2005 - DWSRF Bonds 3.21%	1/1/2025	\$ 4,669,565	\$ 955,680	\$ —	\$ 308,471	\$ 647,209	\$ 318,452
2009 A - DWSRF ARRA Bonds 0.00%	7/1/2029	2,401,120	927,515	—	123,669	803,846	123,669
2010 A - DWSRF Bonds 3.25%	1/1/2030	4,381,614	2,360,812	—	262,896	2,097,916	271,509
2014 - DWSRF Bonds 2.81%	1/1/2025	9,109,437	2,880,336	—	933,448	1,946,888	959,863
2015 B - DWSRF Bonds 2.62%	7/1/2035	15,000,000	6,954,935	—	435,597	6,519,338	447,085
2021 - Refunding Bonds 1.19%	6/1/2028	13,000,000	11,215,000	—	1,815,000	9,400,000	1,835,000
		48,561,736	25,294,278	—	3,879,081	21,415,197	3,955,578
Bonds Payable							
2015 A - Refunding Bonds 2.00%-5.00%	7/1/2036	28,750,000	23,295,000	—	1,055,000	22,240,000	1,110,000
2016 - Refunding Bonds 5.00%	7/1/2037	124,790,000	124,790,000	—	—	124,790,000	—
2017 - Refunding Bonds 4.00%-5.00%	7/1/2030	147,415,000	126,285,000	—	11,560,000	114,725,000	12,135,000
2018 - Refunding Bonds 5.00%	7/1/2039	38,835,000	38,835,000	—	—	38,835,000	—
		339,790,000	313,205,000	—	12,615,000	300,590,000	13,245,000
Subtotal		388,351,736	338,499,278	—	16,494,081	322,005,197	17,200,578
Plus unamortized net bond premium			33,350,078	—	4,203,500	29,146,578	
Total debt before TECP			371,849,356	—	20,697,581	351,151,775	
TECP		53,600,000	—	—	—	—	—
Total Debt		<u>\$441,951,736</u>	<u>\$371,849,356</u>	<u>\$ —</u>	<u>\$ 20,697,581</u>	<u>\$351,151,775</u>	<u>\$ 17,200,578</u>

Annual debt service requirements to maturity for TMWA's bonds and commercial paper are as follows:

Year Ending June 30,	Direct Borrowings		Bonds Payable		Total Debt Service
	Principal Payment	Interest Payment	Principal Payment	Interest Payment	
2025	\$ 4,038,730	\$ 326,481	\$ 13,920,000	\$ 13,458,971	\$ 31,744,182
2026	2,764,238	254,213	13,535,000	12,917,875	29,471,326
2027	2,806,146	209,873	15,355,000	12,195,625	30,566,644
2028	2,853,693	164,657	16,135,000	11,408,375	30,561,725
2029	951,897	124,257	16,930,000	10,581,750	28,587,904
2030-2034	3,146,093	328,155	111,945,000	37,994,625	153,413,873
2035-2039	898,822	23,651	79,975,000	11,249,625	92,147,098
2040	—	—	11,250,000	281,250	11,531,250
Total	<u>\$ 17,459,619</u>	<u>\$ 1,431,287</u>	<u>\$ 279,045,000</u>	<u>\$ 110,088,096</u>	<u>\$ 408,024,002</u>

Compensated Absences

The following schedules summarize the changes in the compensated absences liability as of June 30, 2024 and 2023:

	Beginning Balance	Increases	Decreases	Ending Balance	Due Next Fiscal Year
2024 Compensated absences liability	\$ 3,711,520	\$ 2,571,999	\$ 2,479,377	\$ 3,804,142	\$ 590,937
2023 Compensated absences liability	\$ 3,309,672	\$ 3,079,140	\$ 2,677,292	\$ 3,711,520	\$ 631,564

Note 8 - Net Position

Restricted Net Position

TMWA records the following restrictions of net position:

Restricted in accordance with bond covenants: TMWA's bond covenants require certain restrictions of TMWA's net position for operations and maintenance, debt service, renewal and replacement, and water rate stabilization.

Restricted for water resource sustainability: This restriction was created to segregate the portion of net position derived from contributions made by developers to fund certain projects that are intended to benefit TMWA's long-term water resources sustainability.

Restricted for net other postemployment benefits: This restriction was created to segregate the portion of net position related to TMWA's net other postemployment benefit asset in the §501(c)(9) Plan. See Note 12 to the financial statements for additional information.

Board Designation

On September 19, 2018, the Board adopted a resolution to designate 3% of total projected water sales for the most recent three year forecast as a rate stabilization fund. This amount was \$11,097,932 and \$11,126,919 as of June 30, 2024 and 2023, respectively. This designation is not reflected as restricted net position but is considered a designated portion of unrestricted net position.

Note 9 - Contingent Liabilities

Mt. Rose Fan Domestic Well Program

As part of the transfer of operations with the Washoe County water utility, TMWA also agreed to continue Washoe County's Mt. Rose-Galena Fan Domestic Well Mitigation Program, which provides for the reimbursement of specific well deepening costs or water system connection charges, incurred by property owners within the program area, whom experienced or will experience an "unreasonable adverse effect" as a result of municipal groundwater pumping. TMWA's continuation of the program provides continuity for domestic well owners in the specific program and provides protection of shared groundwater resources in the program area. TMWA's budget includes projected costs for administering the domestic well mitigation plan.

Litigation

From time to time, TMWA is named as a party to various lawsuits, claims, or other legal and regulatory proceedings that arise in the ordinary course of TMWA's business. TMWA accrues reserves when a loss is probable, and the amount of such loss can be reasonably estimated. Management does not believe that the outcome of these proceedings, individually and collectively, will have a material effect on TMWA's financial position.

Note 10 - Risk Management

TMWA is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. TMWA is responsible for group health insurance premiums payable to the City of Reno for coverage in the City's self-funded health insurance program. All other significant risks are covered by commercial insurance purchased from independent third parties. There have been no settlements in excess of insurance coverage for the past three years.

Note 11 - Defined Benefit Pension Plan and Other Employee Benefits

Defined Benefit Pension Plan

Plan Description

TMWA contributes to the Public Employees' Retirement System of the State of Nevada (PERS). PERS administers a cost-sharing, multiple-employer, defined benefit public employees' retirement system. PERS was established by the Nevada Legislature in 1947, effective July 1, 1948. PERS is administered to provide a reasonable base income to qualified employees who have been employed by a public employer and whose earnings capacities have been removed or substantially impaired by age or disability.

Benefits Provided

Benefits, as required by the Nevada Revised Statutes (NRS or statute), are determined by the number of years of accredited service at time of retirement and the member's highest average compensation in any 36 consecutive months with special provisions for members entering PERS on or after January 1, 2010 and July 1, 2015. Benefit payments to which participants or their beneficiaries may be entitled under the plan include pension benefits, disability benefits, and survivor benefits.

Monthly benefit allowances for members are computed as 2.5% of average compensation for each accredited year of service prior to July 1, 2001. For service earned on and after July 1, 2001, this multiplier is 2.67% of average

compensation. For members entering PERS on or after January 1, 2010, there is a 2.5% multiplier. Members entering PERS on or after July 1, 2015 have a 2.25% multiplier. PERS offers several alternatives to the unmodified service retirement allowance which, in general, allow the retired employee to accept a reduced service retirement allowance payable monthly during his or her lifetime and various optional monthly payments to a named beneficiary after his or her death.

Post-retirement increases are provided by authority of NRS 286.575 - .579.

Vesting

Members entering PERS prior to January 1, 2010, are eligible for retirement at age 65 with five years of service, at age 60 with ten years of service, or at any age with thirty years of service. Members entering PERS on or after January 1, 2010, are eligible for retirement at age 65 with five years of service, or age 62 with ten years of service, or any age with thirty years of service. Members entering PERS on or after July 1, 2015 are eligible for retirement at age 65 with five years of service, or at age 62 with ten years of service, or at age 55 with thirty years of service, or at any age with thirty-three and a third years of service.

The normal ceiling limitation on monthly benefits allowances is 75% of average compensation. However, a member who has an effective date of membership before July 1, 1985, is entitled to a benefit of up to 90% of average compensation. Members become fully vested as to benefits upon completion of five years of service.

Contributions

The authority for establishing and amending the obligation to make contributions and member contribution rates is set by statute. New hires, in agencies which did not elect the Employer-Pay Contribution (EPC) plan prior to July 1, 1983, have the option of selecting one of two contribution plans.

Contributions are shared equally by employer and employee. Employees can take a reduced salary and have contributions made by the employer (EPC) or can make contributions by a payroll deduction matched by the employer. TMWA contributes under the employer-pay option.

PERS' basic funding policy provides for periodic contributions at a level pattern of cost as a percentage of salary throughout an employee's working lifetime in order to accumulate sufficient assets to pay benefits when due.

PERS receives an actuarial valuation on an annual basis indicating the contribution rates required to fund PERS on an actuarial reserve basis. Contributions actually made are in accordance with the required rates established by the Nevada Legislature. These statutory rates are increased/decreased pursuant to NRS 286.421 and 286.450.

The actuary funding method used is the Entry Age Normal Cost Method. It is intended to meet the funding objective and result in a relatively level long-term contributions requirement as a percentage of salary. The employer-pay contribution (EPC) rate was 33.50% and 29.75% for fiscal years June 30, 2024 and 2023, respectively. TMWA's contributions were \$4,837,476 and \$3,819,668 for the years ended June 30, 2024 and 2023, respectively.

PERS Investment Policy

PERS' policies which determine the investment portfolio target asset allocation are established by the PERS Board. The asset allocation is reviewed annually and is designed to meet the future risk and return needs of PERS.

The following was the PERS Board adopted policy target asset allocation as of June 30, 2023:

	<u>Target Allocation</u>	<u>Long-Term Geometric Expected Real Rate of Return</u>
Domestic Equity	42%	5.50%
International Equity	18%	5.50%
Domestic Fixed Income	28%	0.75%
Private Markets	12%	6.65%

The following was the PERS Board adopted policy target asset allocation as of June 30, 2022:

	<u>Target Allocation</u>	<u>Long-Term Geometric Expected Real Rate of Return</u>
Domestic Equity	42%	5.50%
International Equity	18%	5.50%
Domestic Fixed Income	28%	0.75%
Private Markets	12%	6.65%

Net Pension Liability

At June 30, 2024, TMWA reported a liability for its proportionate share of the net pension liability of \$60,226,778. The net pension liability was measured as of June 30, 2023, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date.

At June 30, 2023, TMWA reported a liability for its proportionate share of the net pension liability of \$57,394,508. The net pension liability was measured as of June 30, 2022, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date.

TMWA's proportion of the net pension liability was based on TMWA's share of contributions in PERS pension plan relative to the total contributions of all participating PERS employers and members. At June 30, 2023 and 2022, TMWA's proportion was 0.3300 and 0.3179 percent, respectively, representing an increase of 0.0121 percent and an increase of 0.0048 percent from its proportion measured at June 30, 2022 and 2021, respectively.

Pension Liability Discount Rate Sensitivity

The following presents the net pension liability of TMWA measured as of June 30, 2023 and 2022, calculated using the discount rate of 7.25%, and what TMWA’s net pension liability would be if it were calculated using a discount rate that is one percentage-point lower or one percentage-point higher than the discount rates used in each year's valuation:

	1% Decrease in Discount Rate (6.25%)	Discount Rate (7.25%)	1% Increase in Discount Rate (8.25%)
Net Pension Liability, June 30, 2023	\$ 93,721,709	\$ 60,226,778	\$ 32,583,626
	1% Decrease in Discount Rate (6.25%)	Discount Rate (7.25%)	1% Increase in Discount Rate (8.25%)
Net Pension Liability, June 30, 2022	\$ 88,119,345	\$ 57,394,508	\$ 32,041,907

Pension Plan Fiduciary Net Position

Detailed information about the pension plan’s fiduciary net position is available in the PERS ACFR, available on the PERS website, www.nvpers.org.

Actuarial Assumptions

TMWA’s June 30, 2024 net pension liability was measured as of June 30, 2023, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. TMWA’s June 30, 2023 net pension liability was measured as of June 30, 2022, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The total pension liability was determined using the following actuarial assumptions, applied to all periods included in the measurement:

	June 30, 2023	June 30, 2022
Inflation Rate	2.50%	2.50%
Payroll Growth	3.50% including inflation	3.50% including inflation
Investment Rate of Return	7.25%	7.25%
Productivity Pay Increase	0.50%	0.50%
Projected Salary Increases	4.20% to 9.10%, depending on service. Rates include inflation and productivity increases.	4.20% to 9.10%, depending on service. Rates include inflation and productivity increases.
Consumer Price Index	2.50%	2.50%
Other Assumptions	Same as those used in the June 30, 2023 funding actuarial valuation	Same as those used in the June 30, 2022 funding actuarial valuation

For the year ended June 30, 2023, mortality rates for non-disabled regular members were based on the Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table with rates increased by 30% for males and 15% for females, projected generationally with the two-dimensional mortality improvement scale MP-2020. Mortality rates for disabled regular members were based on the Pub-2010 Non-Safety Disabled Retiree Amount-Weighted Mortality Table with rates increased by 20% for males and 15% for females, projected generationally with the two-dimensional mortality improvement scale MP-2020.

For the year ended June 30, 2022, mortality rates for non-disabled regular members were based on the Pub-2010 General Healthy Retiree Amount-Weighted Above-Median Mortality Table with rates increased by 30% for males and 15% for females, projected generationally with the two-dimensional mortality improvement scale MP-2020. Mortality rates for disabled regular members were based on the Pub-2010 Non-Safety Disabled Retiree Amount-Weighted Mortality Table with rates increased by 20% for males and 15% for females, projected generationally with the two-dimensional mortality improvement scale MP-2020.

Actuarial assumptions used in the June 30, 2023 and 2022 valuations were based on the results of the experience review issued September 10, 2021.

The projection of cash flows used to determine the discount rate of 7.25% assumed plan contributions will be made in amounts consistent with statutory provisions and recognizing the plan’s current funding policy and cost-sharing mechanism between employers and members. For this purpose, all contributions that are intended to fund benefits for all plan members and their beneficiaries are included, except that projected contributions that are intended to fund the service costs for future plan members and their beneficiaries are not included.

Based on those assumptions, the pension plan’s fiduciary net position was projected to be available to make all projected future benefit payments for current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability as of June 30, 2023 and June 30, 2022.

Pension Expense, Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

For the years ended June 30, 2024 and 2023, TMWA recognized pension expense of \$13,565,438 and \$10,619,665, respectively.

At June 30, 2024, TMWA reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 7,850,193	\$ —
Changes in assumptions or other inputs	5,644,395	—
Net difference between projected and actual earnings on pension plan investments	—	563,724
Changes in TMWA’s proportion and differences between TMWA's contributions and TMWA's proportionate contributions	3,211,421	20,988
TMWA contributions subsequent to the measurement date	4,837,476	—
	<u>\$ 21,543,485</u>	<u>\$ 584,712</u>

Deferred outflows of resources of \$4,837,476 resulted from TMWA contributions subsequent to the measurement date and will be recognized as a reduction of the net pension liability in the year ended June 30, 2025.

At June 30, 2023, TMWA reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 7,431,641	\$ 41,001
Changes in assumptions or other inputs	7,372,725	—
Net difference between projected and actual earnings on pension plan investments	700,249	—
Changes in TMWA’s proportion and differences between TMWA's contributions and TMWA's proportionate contributions	2,918,918	116,374
TMWA contributions subsequent to the measurement date	3,819,668	—
	<u>\$ 22,243,201</u>	<u>\$ 157,375</u>

Deferred outflows of resources of \$3,819,668 resulted from TMWA contributions subsequent to the measurement date and were recognized as a reduction of the net pension liability in the year ended June 30, 2024.

The average of the expected remaining service lives of all employees that are provided with pensions through PERS (active and inactive employees) determined at July 1, 2022 (the beginning of the measurement period ended June 30, 2023) is 5.63 years.

Other estimated amounts reported by TMWA as deferred outflows of resources and deferred inflows of resources related to pensions at June 30, 2024 will be recognized in pension expense as follows:

Year ending June 30,	
2025	\$ 2,907,334
2026	2,761,768
2027	8,625,421
2028	1,350,862
2029	475,912

Additional Information

The PERS ACFR includes additional information including information supporting the schedule of employer allocations and the schedule of pension amounts by employer. This report is available on the PERS website at www.nvpers.org under Quick Links – Publications.

Deferred Compensation Plans

All employees of TMWA are eligible to participate in a Section 457 Deferred Compensation Plan, monies of which are maintained in a trust, separate from the general assets of TMWA. In addition to the Section 457 Deferred Compensation Plan, all employees are eligible to participate in a Section 401(a) Money Purchase Retirement Plan, monies of which are maintained in a trust, separate from the general assets of TMWA. For the years ended June 30, 2024 and June 30, 2023, TMWA had matching contributions totaling \$1,934,079, and \$1,700,290, respectively.

Note 12 - Other Postemployment Benefit (OPEB) Plans

TMWA has two Other Postemployment Benefit (OPEB) Plans referred to as the §501(c)(9) and §115 plans. The §501(c)(9) plan was established for the benefit of transferred employees from Sierra Pacific Power Company and all subsequent new hires until the plan closed, effective December 13, 2018. The §115 Plan plan was formed to provide postemployment benefits for employees who transferred from Washoe County as a result of the water utility consolidation. Both plans reference the Internal Revenue Code sections under which the plans were formed. Both plans' investments are held by the Nevada Retirement Benefits Investment Board.

Census data as of June 30, 2024 for both plans is as follows:

	§501(c)(9) Plan	§115 Plan
Retirees currently receiving benefits	70	9
Retirees entitled to, but not yet receiving benefits	1	1
Active plan members	143	12
Total	<u>214</u>	<u>22</u>

Census data as of June 30, 2023 for both plans is as follows:

	§501(c)(9) Plan	§115 Plan
Retirees currently receiving benefits	70	7
Retirees entitled to, but not yet receiving benefits	2	3
Active plan members	153	12
Total	<u>225</u>	<u>22</u>

Plan Descriptions, Eligibility Information and Funding Policies

§501(c)(9) Plan

Plan Description. The §501(c)(9) plan known as the Truckee Meadows Water Authority Post-Retirement Medical Plan and Trust (Plan), is a single-employer defined benefit OPEB plan that was established to provide eligible TMWA employees with postemployment health benefits. The Plan was amended to provide post-retirement life insurance benefits in July 2011. Pursuant to Nevada State Administrative Regulations, adopted in September 2008, the Plan is governed by not less than three, but not more than five trustees. Four trustees were appointed by the TMWA Board: two from non-represented employees and two from represented employees. The Plan issues a financial report that includes the financial statements and required supplementary information. That report may be obtained by contacting TMWA in writing at P.O. Box 30013, Reno, NV 89520-3013.

Eligibility. Effective December 13, 2018, the Board adopted a resolution to close the Plan to employees hired after December 13, 2018. Existing employees and plan participants currently receiving benefits were not impacted by this resolution. There are three employee classifications eligible for benefits: a pre-January 1, 1998 collective bargaining unit group, a post-December 31, 1997 collective bargaining unit group, and a group for management, professional, and administrative (MPAT) personnel hired prior to December 14, 2018. Eligibility requirements benefit levels, employee contributions, and employer contributions are amended through TMWA’s collective bargaining agreements for its represented employees and by the TMWA Board with respect to MPAT employees.

Employees must have at least ten years of service to be eligible for benefits and must be at least 55 years of age. The pre-January 1, 1998 group of represented employees will receive a subsidy as a percentage of the total health premium, dependent upon years of service and age of retirement, with a maximum subsidy of 85% with 20 years

of credited service. Employees with 20 or more years of service electing the Medicare Risk Contract would pay nothing towards health premiums. For this group, dependents are also covered. The post-December 31, 1997 group of represented employees will receive a total subsidy of \$1,250 times years of service towards health care premiums. This amount does not grow with interest and once exhausted a retiree may convert to COBRA, but only for the 18 month continuation period.

For MPAT employees, the annual subsidy is \$235 times years of service, up to 30 years, prorated for each month of retirement while under the age of 65. On or after the age of 65, the subsidy is \$105 times years of service prorated for each month of retirement while age 65 and older. If an MPAT employee retires and draws benefits before age 62, the subsidy is reduced by 5% for each full year retirement precedes age 62.

There is no extra subsidy for spousal or dependent coverage except continuation benefits provided for under COBRA. Retirees are responsible for the remaining portion of premiums.

Funding Policy. Beginning in fiscal year 2011, the plan has funded retiree benefits through its Voluntary Employee Benefit Association (VEBA) that TMWA established as an irrevocable trust for funding of the postemployment health benefits. TMWA funds the plan based on the actuarially determined contribution (ADC) each year.

§115 Plan

Plan Description. On December 17, 2014, TMWA formed The Truckee Meadows Water Authority OPEB Trust Fund (§115 Plan), a single-employer defined benefit OPEB plan that was established to provide certain eligible TMWA employees with postemployment health benefits. This specific plan was formed to provide postemployment benefits to qualified transferred Washoe County employees as a result of the water utility transfer of operations. STMGID had no employees and was contractually operated by Washoe County. The §115 Plan is a closed plan that will provide future benefits to the remaining eligible transferred employees and no new beneficiaries can be enrolled in this plan. The Plan issues a financial report that includes the financial statements and required supplementary information. That report may be obtained by contacting TMWA in writing at P.O. Box 30013, Reno, NV 89520-3013.

Eligibility. There are two employee classifications eligible for benefits in this plan: Tier I and Tier II classifications.

For Tier I retirees that have at least ten years but less than 15 years of combined full-time employment with Washoe County and/or TMWA, the maximum benefits payable by the §115 Plan will be 50% of the premium for coverage of such retiree under the benefit plans. For Tier I employees that have at least fifteen years but less than twenty years of combined full-time employment with Washoe County and/or TMWA, the maximum benefits payable by the §115 Plan will be 75% of the premium for coverage of such retiree under the benefit plans. For Tier I employees that have at least twenty years of combined full-time employment with Washoe County and/or TMWA, the maximum benefits payable by the §115 Plan will be 100% of the premium for coverage of such retiree under the benefit plans.

Tier I retirees who have attained the Medicare Eligibility Age (currently age 65) during a plan year must enroll in and pay the cost of Medicare Part “A” and Medicare Part “B” or Medicare Part “C” coverage, and the §115 Plan will become the secondary payer regardless of whether the retiree enrolls in the Medicare program or not. The Medicare Eligibility Age is currently defined as age 65 but will be changed if Medicare changes the eligibility age.

For Tier II retirees the maximum benefits to be paid by the §115 Plan who have not attained Medicare Eligibility Age (currently age 65) is to be the same amount as the premium paid for group health coverage by an employer for coverage of non-state employees under the Nevada State Public Employee Benefit Plan (PEBP) Retiree Health Insurance plan. The 2003 Nevada Legislature passed legislation (AB 286) that afforded public employees of Nevada political subdivisions the opportunity to enroll, upon their retirement in the PEBP Retiree Health Insurance Plan and obligated public employers of enrolled retirees to pay a portion of the medical premium on the retiree’s behalf (the Subsidy). Tier II Retirees are entitled to receive the Subsidy from the §115 Plan towards their coverage under the employer Benefit Plans rather than the PEBP Retiree Health Plan.

Tier II retirees who have attained the Medicare Eligibility Age (currently age 65) or older will instead receive benefits equal to the equivalent of the State of Nevada’s Medicare Exchange Retiree HRA Contribution Subsidy based upon the combined years of service with Washoe County and/or TMWA and must elect Medicare. The Medicare Eligibility Age is currently defined as age 65 but will be changed if Medicare changes the eligibility age. In order to receive the benefits described, the Tier II employee must be an employee of TMWA immediately prior to drawing their retirement benefits.

Funding Policy. The plan funds retiree benefits through an irrevocable trust for funding of the postemployment health benefits. TMWA funds the §115 Plan based on the ADC each year.

OPEB Expense and Net Position

Total OPEB Expense (Benefit) recognized for fiscal years June 30, 2024 and 2023 is below:

	§501(c)(9) Plan	§115 Plan	Total
2024	\$ (801,540)	\$ 41,260	\$ (760,280)
2023	\$ (445,238)	\$ 60,120	\$ (385,118)

Changes in Net Position for each plan for the measurement period ended December 31, 2023 is below:

	§ 501(c)(9) Plan			§115 Plan		
	Total OPEB Liability	Fiduciary Net Position	Net OPEB (Asset)/ Liability	Total OPEB Liability	Fiduciary Net Position	Net OPEB (Asset)/ Liability
Balance at Fiscal Year Ending June 30, 2023	\$ 10,317,346	\$ 13,425,771	\$ (3,108,425)	\$ 2,236,255	\$ 1,518,320	\$ 717,935
<i>Measurement Date - December 31, 2022</i>						
Changes During the Period:						
Service Cost	186,748	—	186,748	30,475	—	30,475
Interest Cost	614,891	—	614,891	133,487	—	133,487
Expected Investment Income	—	794,246	(794,246)	—	89,822	(89,822)
Employer Contributions	—	162,921	(162,921)	—	59,115	(59,115)
Auditing Fees	—	(21,735)	21,735	—	(15,300)	15,300
Investment & Administrative Fees	—	(3,766)	3,766	—	(410)	410
Legal Fees	—	(2,300)	2,300	—	(2,100)	2,100
Retiree Contributions In	—	139,380	(139,380)	—	18,520	(18,520)
Retiree Contributions Out	—	(139,380)	139,380	—	(18,520)	18,520
Benefit Payments	(511,806)	(511,806)	—	(83,879)	(83,879)	—
Assumption Changes	139,717	—	139,717	34,186	—	34,186
Plan Experience	58,687	—	58,687	47,606	—	47,606
Investment Experience	—	1,621,911	(1,621,911)	—	184,096	(184,096)
Net Changes	488,237	2,039,471	(1,551,234)	161,875	231,344	(69,469)
Balance at Fiscal Year Ending June 30, 2024	\$ 10,805,583	\$ 15,465,242	\$ (4,659,659)	\$ 2,398,130	\$ 1,749,664	\$ 648,466
<i>Measurement Date - December 31, 2023</i>						

Changes in Net Position for each plan for the measurement period ended December 31, 2022 is below:

	§ 501(c)(9) Plan			§115 Plan		
	Total OPEB Liability	Fiduciary Net Position	Net OPEB (Asset)/ Liability	Total OPEB Liability	Fiduciary Net Position	Net OPEB (Asset)/ Liability
Balance at Fiscal Year Ending June 30, 2022 <i>Measurement Date - December 31, 2021</i>	\$ 9,982,768	\$ 16,007,482	\$ (6,024,714)	\$ 2,153,522	\$ 1,776,798	\$ 376,724
Changes During the Period:						
Service Cost	181,309	—	181,309	29,587	—	29,587
Interest Cost	596,546	—	596,546	128,719	—	128,719
Expected Investment Income	—	948,700	(948,700)	—	105,886	(105,886)
Employer Contributions	—	76,785	(76,785)	—	71,680	(71,680)
Auditing Fees	—	(18,600)	18,600	—	(14,800)	14,800
Investment & Administrative Fees	—	(4,605)	4,605	—	(496)	496
Legal Fees	—	(1,931)	1,931	—	(4,888)	4,888
Retiree Contributions In	—	128,878	(128,878)	—	20,741	(20,741)
Retiree Contributions Out	—	(128,878)	128,878	—	(20,741)	20,741
Benefit Payments	(443,277)	(443,277)	—	(75,573)	(75,573)	—
Assumption Changes	—	—	—	—	—	—
Plan Experience	—	—	—	—	—	—
Investment Experience	—	(3,138,783)	3,138,783	—	(340,287)	340,287
Net Changes	334,578	(2,581,711)	2,916,289	82,733	(258,478)	341,211
Balance at Fiscal Year Ending June 30, 2023 <i>Measurement Date - December 31, 2022</i>	\$ 10,317,346	\$ 13,425,771	\$ (3,108,425)	\$ 2,236,255	\$ 1,518,320	\$ 717,935

A schedule of the plans' deferred resources as of June 30, 2024 is below:

	§501(c)(9) Plan		§115 Plan	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes of Assumptions	\$ 264,346	\$ 181,807	\$ 36,692	\$ 16,013
Differences Between Expected and Actual Experience	51,918	1,448,428	60,674	44,542
Net Difference Between Projected and Actual Earnings on Investments	—	251,139	—	29,182
Contributions Made Subsequent to the Measurement Date	168,572	—	39,008	—
Total	\$ 484,836	\$ 1,881,374	\$ 136,374	\$ 89,737

A schedule of the plans' deferred resources as of June 30, 2023 is below:

	§501(c)(9) Plan		§115 Plan	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes of Assumptions	\$ 172,950	\$ 211,758	\$ 17,647	\$ 23,900
Differences Between Expected and Actual Experience	—	1,747,243	37,138	71,537
Net Difference Between Projected and Actual Earnings on Investments	807,714	—	99,895	—
Contributions Made Subsequent to the Measurement Date	162,174	—	40,904	—
Total	\$ 1,142,838	\$ 1,959,001	\$ 195,584	\$ 95,437

TMWA will recognize the contributions made subsequent to the measurement date in the next fiscal year. In addition, future recognition of other deferred resources as of June 30, 2024 is shown below:

Year ended June 30,	§501(c)(9) Plan	§115 Plan
	Deferred Inflows (Outflows) Recognized in OPEB Expense	Deferred Inflows (Outflows) Recognized in OPEB Expense
2025	\$ 499,418	\$ 19,047
2026	278,063	(11,224)
2027	(29,697)	(51,664)
2028	598,059	36,212
2029	158,558	—
Thereafter	60,709	—

Actuarial Valuation Assumptions

The total OPEB liability as of December 31, 2023 was determined using the following actuarial assumptions. Healthcare trend rate (both plans) - TMWA plan medical premiums and per capita claims costs are assumed to increase at the following rates:

Effective January 1	Premium Increase	Effective January 1	Premium Increase
2024	Actual	2040-2043	4.8%
2025	6.5%	2044-2049	4.7%
2026	6.0%	2050-2059	4.6%
2027	5.5%	2060-2065	4.5%
2028	5.4%	2066-2067	4.4%
2029	5.3%	2068-2069	4.3%
2030	5.2%	2070	4.2%
2031	5.1%	2071-2072	4.1%
2032-2037	5.0%	2073-2074	4.0%
2038-2039	4.9%	2075 & Later	3.9%

The total OPEB liability as of December 31, 2022 was determined using the following actuarial assumptions. Healthcare trend rate (both plans) - TMWA plan medical premiums and per capita claims costs are assumed to increase at the following rates:

Effective January 1	Premium Increase	Effective January 1	Premium Increase
2022	Actual	2050-2059	4.6%
2023	5.8%	2060-2066	4.5%
2024	5.6%	2067-2068	4.4%
2025	5.4%	2069-2070	4.3%
2026-2027	5.2%	2071	4.2%
2028-2029	5.1%	2072-2073	4.1%
2030-2038	5.0%	2074-2075	4.0%
2039	4.9%	2076	3.9%
2040-2043	4.8%	Thereafter	3.9%
2044-2049	4.7%		

Additional significant assumptions are listed below for each plan:

Assumption	§501(c)(9) Plan	§115 Plan
Valuation Date	December 31, 2023	December 31, 2023
Funding Method	Entry Age Normal Cost, level percent of pay	Entry Age Normal Cost, level percent of pay
Asset Valuation Method	Fair value of assets	Fair value of assets
Mortality	MacLeod Watts Scale 2022 applied generationally from 2010	MacLeod Watts Scale 2022 applied generationally from 2010
Long-Term Return on Assets and Discount Rate	6.0% net of plan investment and trust expenses	6.0% net of plan investment and trust expenses
Participants Valued	Only current active employees and retired participants and covered dependents are valued. This plan is now closed.	Only current active employees and retired participants and covered dependents are valued. This plan is now closed.
Salary Increase	3.0% per year; since benefits do not depend on salary, this is used to allocate the cost of benefits between service years.	3.0% per year; since benefits do not depend on salary, this is used to allocate the cost of benefits between service years.
General Inflation Rate	2.5% per year	2.5% per year
Medicare Eligibility	Absent contrary data, all individuals are assumed to be eligible for Medicare Parts A and B at 65. Retirees over age 65 who are not eligible for Medicare are assumed to remain ineligible.	Absent contrary data, all individuals are assumed to be eligible for Medicare Parts A and B at 65.
Employer Cost Sharing	<p>IBEW Pre - 1998 Hires: Increases in the PRMPT-paid portion of healthcare premiums are assumed to increase at the same rates as medical trend (described above).</p> <p>IBEW Post-1997 Hires: The \$1,250 service multiplier is assumed to remain fixed at its current level in all future years. Retirees are expected to exhaust the lifetime allowance 4 years following retirement.</p> <p>MPAT: The \$235 (pre-65) and \$105 (post-65) service multipliers are assumed to remain fixed at their current level in all future years.</p>	<p>Tier 1: The Trust-paid portion of healthcare premiums is assumed to increase at the same rates as medical trend (described above).</p> <p>Tier 2: The TMWA subsidy provided prior to age 65 is assumed to increase at the same rates as medical trend. The subsidy provided at ages 65 and above is assumed to increase by 4.5% per year.</p>

GASB Statement No. 75 allows reporting liabilities as of any fiscal year end based on: (1) a *valuation date* no more than 30 months plus 1 day prior to the close of the fiscal year end; and (2) a *measurement date* up to one year prior to the close of the fiscal year. The following dates were used for this report:

Fiscal Year End	June 30, 2024
Measurement Date	December 31, 2023
Measurement Period	January 1, 2023 to December 31, 2023
Valuation Date	December 31, 2023

Fiscal Year End	June 30, 2023
Measurement Date	December 31, 2022
Measurement Period	January 1, 2022 to December 31, 2022
Valuation Date	December 31, 2021

The discount rate used for the fiscal years ended June 30, 2024 and 2023 is 6.0%. The Healthcare Cost Trend Rate for the fiscal year ended June 30, 2024 was assumed to start at 6.5% (increase effective January 1, 2025) and grade down to 3.9% for years 2075 and later. The Healthcare Cost Trend Rate for the fiscal year ended June 30, 2023 was assumed to start at 5.8% (increase effective January 1, 2023) and grade down to 3.9% for years 2076 and later. The impact of a 1% increase or decrease in these assumptions is shown in the charts below.

Measurement Date - December 31, 2023

§501(c)(9) Plan	Discount Rate			Medical Cost Inflation		
	Discount Rate	Current	Discount Rate	Medical Trend	Current	Medical Trend
	- 1%	Discount Rate	+ 1%	- 1%	Medical Trend	+ 1%
Total OPEB Liability	\$ 11,939,137	\$ 10,805,583	\$ 9,822,307	\$ 10,007,664	\$ 10,805,583	\$ 11,744,620
Net OPEB Liability (Asset)	\$ (3,526,105)	\$ (4,659,659)	\$ (5,642,935)	\$ (5,457,578)	\$ (4,659,659)	\$ (3,720,622)

§115 Plan	Discount Rate			Medical Cost Inflation		
	Discount Rate	Current	Discount Rate	Medical Trend	Current	Medical Trend
	-1%	Discount Rate	+1%	-1%	Medical Trend	+1%
Total OPEB Liability	\$ 2,697,124	\$ 2,398,130	\$ 2,146,271	\$ 2,137,243	\$ 2,398,130	\$ 2,709,714
Net OPEB Liability (Asset)	\$ 947,460	\$ 648,466	\$ 396,607	\$ 387,579	\$ 648,466	\$ 960,050

Measurement Date - December 31, 2022

§501(c)(9) Plan	Discount Rate			Medical Cost Inflation		
	Discount Rate	Current	Discount Rate	Medical Trend	Current	Medical Trend
	- 1%	Discount Rate	+ 1%	- 1%	Medical Trend	+ 1%
Total OPEB Liability	\$ 11,401,649	\$ 10,317,346	\$ 9,383,849	\$ 9,563,236	\$ 10,317,346	\$ 11,208,646
Net OPEB Liability (Asset)	\$ (2,024,122)	\$ (3,108,425)	\$ (4,041,922)	\$ (3,862,535)	\$ (3,108,425)	\$ (2,217,125)

§115 Plan	Discount Rate			Medical Cost Inflation		
	Discount Rate	Current	Discount Rate	Medical Trend	Current	Medical Trend
	- 1%	Discount Rate	+ 1%	- 1%	Medical Trend	+ 1%
Total OPEB Liability	\$ 2,530,384	\$ 2,236,255	\$ 1,990,908	\$ 1,973,868	\$ 2,236,255	\$ 2,554,410
Net OPEB Liability (Asset)	\$ 1,012,064	\$ 717,935	\$ 472,588	\$ 455,548	\$ 717,935	\$ 1,036,090

OPEB Plans Fiduciary Net Position

Detailed information about the OPEB plans fiduciary net position are available in separately issued financial statements and can be requested by contacting TMWA's Finance Department at P.O. Box 30013, Reno, NV 89509-3013.

Note 13 - Commitments

TMWA has committed \$550,000 as a contribution to the Truckee River Fund of the Community Foundation of Western Nevada for the purposes of water shed protection and enhancements to the Truckee River that will benefit the water customers of TMWA. This payment was made in July 2024.

Under a Water Resource Purchase Agreement effective March 2022, TMWA committed to purchasing 400 acre-feet of water rights from Fish Springs Ranch, LLC for a total purchase price of \$10 million. The purchase price is payable in ten \$1 million tranches over ten years. The first payment was made in November 2022.

From time to time, TMWA enters into agreements with developers for water infrastructure that benefits both new development and existing customers. TMWA is obligated to reimburse the developers for the portion of the infrastructure that benefits existing customers. As of June 30, 2024, TMWA is under contract for three such agreements. The commitment amounts, likely payable over the next one to three years, are based on the final construction costs which are not known as of June 30, 2024, but are estimated to be up to \$7.5 million.

Note 14 - Error Correction

During the year ended June 30, 2024, TMWA discovered that net position restricted for net other postemployment benefits and net position restricted for debt service were calculated incorrectly in the prior year. In both instances, amounts were misclassified between components of net position. The net effect of correcting the errors is shown in the table below.

	June 30, 2023 As Previously Reported	Error Correction	June 30, 2023 As Restated
Net Position			
Restricted for debt service	\$ 22,604,072	\$ (7,524,072)	\$ 15,080,000
Restricted for net other postemployment benefits	2,292,262	816,163	3,108,425
Unrestricted	90,934,077	6,707,909	97,641,986

Note 15 - Subsequent Events

In April 2021, TMWA entered into a Water Resource Exchange Agreement with TRI General Improvement District (TRIGID) and Tahoe-Reno Industrial Center, LLC (TRIC) related to the acquisition of Truckee River water rights and issuance of a return flow will-serve. The agreement required 1) TRIGID to convey Truckee River rights to TMWA, 2) TRIC to pay TMWA \$8,978,200 in cash, and 3) TMWA to issue TRIGID a return flow will-serve commitment of 1,500 acre feet of water. The agreement also included a claw-back clause whereby TRIGID could terminate the agreement at any point before the water was delivered. If that occurred, TMWA would have been required to return TRIC's payment. Accordingly, TMWA reported a liability of \$8,978,200 in contracts and retention payable for the years ended June 30, 2021 through 2024. In July 2024, TRIGID received the first delivery of committed water, terminating the claw-back clause of the agreement. TMWA therefore reduced the associated liability and recorded \$8,978,200 in will-serve contributions.

In November 2024, TMWA purchased a new building for \$7,400,000. TMWA will use the building to expand its corporate campus and accommodate additional office space, warehouse space and vehicle storage.

Required Supplementary Information
Truckee Meadows Water Authority

Truckee Meadows Water Authority
Schedules of Changes in Net OPEB Liability and Related Ratios
Last Ten Fiscal Years*

	2024	2023	2022	2021	2020	2019	2018	2017
§501(c)(9) Plan								
<u>Total OPEB Liability</u>								
Service Cost	\$ 186,748	\$ 181,309	\$ 229,280	\$ 222,602	\$ 307,252	\$ 295,437	\$ 284,073	\$ 273,146
Interest	614,891	596,546	636,038	609,728	682,186	648,751	612,850	576,050
Differences between expected and actual experience	58,687	—	(760,853)	—	(2,013,876)	—	—	—
Changes of assumptions ⁽²⁾	139,717	—	(271,660)	—	301,774	—	—	—
Benefit payments	(511,806)	(443,277)	(442,780)	(358,251)	(442,363)	(355,168)	(264,699)	(228,880)
Total OPEB Liability - Beginning	<u>10,317,346</u>	<u>9,982,768</u>	<u>10,592,743</u>	<u>10,118,664</u>	<u>11,283,691</u>	<u>10,694,671</u>	<u>10,062,447</u>	<u>9,442,131</u>
Total OPEB Liability - Ending	<u>\$ 10,805,583</u>	<u>\$ 10,317,346</u>	<u>\$ 9,982,768</u>	<u>\$ 10,592,743</u>	<u>\$ 10,118,664</u>	<u>\$ 11,283,691</u>	<u>\$ 10,694,671</u>	<u>\$ 10,062,447</u>
<u>Plan Fiduciary Net Position</u>								
Contributions - employer	\$ 162,921	\$ 76,785	\$ 63,156	\$ 131,267	\$ 258,430	\$ 324,529	\$ 445,063	\$ 244,429
Net investment income	2,416,157	(2,190,083)	2,369,210	1,845,954	2,301,207	(524,654)	1,515,031	536,863
Benefit payments	(511,806)	(443,277)	(442,780)	(358,251)	(442,363)	(355,168)	(264,699)	(228,880)
Auditing fees	(21,735)	(18,600)	(18,775)	(18,490)	(12,600)	(18,545)	(15,500)	(12,900)
Investment & administrative fees	(3,766)	(4,605)	(4,938)	(2,954)	(3,206)	(3,441)	(2,612)	(2,490)
Legal fees	(2,300)	(1,931)	—	—	(1,750)	(5,250)	(19,268)	(1,663)
Retiree contributions in	139,380	128,878	110,022	111,103	103,249	117,015	93,172	90,145
Retiree contributions out	(139,380)	(128,878)	(110,022)	(111,103)	(103,249)	(117,015)	(93,172)	(90,145)
Net change in plan fiduciary net position	<u>2,039,471</u>	<u>(2,581,711)</u>	<u>1,965,873</u>	<u>1,597,526</u>	<u>2,099,718</u>	<u>(582,529)</u>	<u>1,658,015</u>	<u>535,359</u>
Plan fiduciary net position - beginning	<u>13,425,771</u>	<u>16,007,482</u>	<u>14,041,609</u>	<u>12,444,083</u>	<u>10,344,365</u>	<u>10,926,894</u>	<u>9,268,879</u>	<u>8,733,520</u>
Plan fiduciary net position - ending	<u>\$ 15,465,242</u>	<u>\$ 13,425,771</u>	<u>\$ 16,007,482</u>	<u>\$ 14,041,609</u>	<u>\$ 12,444,083</u>	<u>\$ 10,344,365</u>	<u>\$ 10,926,894</u>	<u>\$ 9,268,879</u>
Net OPEB liability (asset) - ending	<u>\$ (4,659,659)</u>	<u>\$ (3,108,425)</u>	<u>\$ (6,024,714)</u>	<u>\$ (3,448,866)</u>	<u>\$ (2,325,419)</u>	<u>\$ 939,326</u>	<u>\$ (232,223)</u>	<u>\$ 793,568</u>
Plan fiduciary net position as a percentage of total OPEB liability	143.1 %	130.1 %	160.4 %	132.6 %	123.0 %	91.7 %	102.2 %	92.1 %
Covered-employee payroll, as of 12/31 measurement date	<u>\$ 20,242,089</u>	<u>\$ 20,105,987</u>	<u>\$ 21,664,461</u>	<u>\$ 19,385,303</u>	<u>\$ 21,658,320</u>	<u>\$ 20,674,304</u>	<u>\$ 18,517,678</u>	<u>\$ 17,467,908</u>
Net OPEB liability (asset) as a percentage of covered-employee payroll	(23.0)%	(15.5)%	(27.8)%	(17.8)%	(10.7)%	4.5 %	(1.3)%	4.5 %

Notes to Schedule

*Historical information is required only for measurement periods for which GASB Statement No. 75 is applicable. Future years' information will be disclosed up to 10 years as information becomes available.

⁽¹⁾ Effective December 13, 2018, the Board adopted a resolution to close the Plan to employees hired on or after December 13, 2018.

⁽²⁾ In 2022, mortality tables were updated from MacLeod Watts Scale 2018 to MacLeod Watts Scale 2022. The Healthcare Cost Trend Rate for the fiscal year ended June 30, 2024 was assumed to start at 6.5% (increase effective January 1, 2025) and grade down to 3.9% for years 2075 and later. The Healthcare Cost Trend Rate for the fiscal year ended June 30, 2023 was assumed to start at 5.8% (increase effective January 1, 2023) and grade down to 3.9% for years 2076 and later. In 2020, mortality tables were updated from MacLeod Watts Scale 2017 to MacLeod Watts Scale 2018; and the medical trend model was updated from combined sources, Nevada Public Employee Benefit Plan along with other healthcare trends, to the Getzen healthcare trend model.

Truckee Meadows Water Authority
Schedules of Changes in Net OPEB Liability and Related Ratios
Last Ten Fiscal Years*

	2024	2023	2022	2021	2020	2019	2018	2017
§115 Plan								
<u>Total OPEB Liability</u>								
Service Cost	\$ 30,475	\$ 29,587	\$ 35,820	\$ 34,777	\$ 59,239	\$ 56,960	\$ 54,769	\$ 52,663
Interest	133,487	128,719	122,661	117,350	119,591	111,978	103,644	94,941
Differences between expected and actual experience	47,606	—	61,652	—	(179,517)	—	—	—
Changes of assumptions ⁽¹⁾	34,186	—	(39,674)	—	44,279	—	—	—
Benefit payments	(83,879)	(75,573)	(70,936)	(58,361)	(54,605)	(34,065)	(9,334)	—
Total OPEB Liability - Beginning	<u>2,236,255</u>	<u>2,153,522</u>	<u>2,043,999</u>	<u>1,950,233</u>	<u>1,961,246</u>	<u>1,826,373</u>	<u>1,677,294</u>	<u>1,529,690</u>
Total OPEB Liability - Ending	<u>\$ 2,398,130</u>	<u>\$ 2,236,255</u>	<u>\$ 2,153,522</u>	<u>\$ 2,043,999</u>	<u>\$ 1,950,233</u>	<u>\$ 1,961,246</u>	<u>\$ 1,826,373</u>	<u>\$ 1,677,294</u>
<u>Plan Fiduciary Net Position</u>								
Contributions - employer	\$ 59,115	\$ 71,680	\$ 117,922	\$ 85,743	\$ 121,798	\$ 119,366	\$ 103,441	\$ 151,176
Net investment income	273,918	(234,401)	248,073	193,517	220,823	(46,458)	126,004	35,423
Benefit payments	(83,879)	(75,573)	(70,936)	(58,361)	(54,605)	(34,065)	(9,334)	—
Auditing fees	(15,300)	(14,800)	(14,000)	(14,000)	(12,100)	(13,690)	(6,000)	(8,900)
Investment & administrative fees	(410)	(496)	(517)	(306)	(315)	(770)	(780)	(675)
Legal fees	(2,100)	(4,888)	—	—	(4,288)	(5,864)	(788)	(1,138)
Retiree contributions in	18,520	20,741	23,102	22,947	21,302	5,244	930	—
Retiree contributions out	(18,520)	(20,741)	(23,102)	(22,947)	(21,302)	(5,244)	(930)	—
Net change in plan fiduciary net position	<u>231,344</u>	<u>(258,478)</u>	<u>280,542</u>	<u>206,593</u>	<u>271,313</u>	<u>18,519</u>	<u>212,543</u>	<u>175,886</u>
Plan fiduciary net position - beginning	<u>1,518,320</u>	<u>1,776,798</u>	<u>1,496,256</u>	<u>1,289,663</u>	<u>1,018,350</u>	<u>999,831</u>	<u>787,288</u>	<u>611,402</u>
Plan fiduciary net position - ending	<u>\$ 1,749,664</u>	<u>\$ 1,518,320</u>	<u>\$ 1,776,798</u>	<u>\$ 1,496,256</u>	<u>\$ 1,289,663</u>	<u>\$ 1,018,350</u>	<u>\$ 999,831</u>	<u>\$ 787,288</u>
Net OPEB liability - ending	<u>\$ 648,466</u>	<u>\$ 717,935</u>	<u>\$ 376,724</u>	<u>\$ 547,743</u>	<u>\$ 660,570</u>	<u>\$ 942,896</u>	<u>\$ 826,542</u>	<u>\$ 890,006</u>
Plan fiduciary net position as a percentage of total OPEB liability	73.0 %	67.9 %	82.5 %	73.2 %	66.1 %	51.9 %	54.7 %	46.9 %
Covered-employee payroll, as of 12/31 measurement date	<u>\$ 1,585,104</u>	<u>\$ 1,623,630</u>	<u>\$ 1,593,312</u>	<u>\$ 1,558,683</u>	<u>\$ 1,688,340</u>	<u>\$ 1,954,488</u>	<u>\$ 1,951,733</u>	<u>\$ 1,992,447</u>
Net OPEB liability as a percentage of covered-employee payroll	40.9 %	44.2 %	23.6 %	35.1 %	39.1 %	48.2 %	42.3 %	44.7 %

Notes to Schedule

*Historical information is required only for measurement periods for which GASB Statement No. 75 is applicable. Future years' information will be disclosed up to 10 years as information becomes available.

⁽¹⁾ In 2022, mortality tables were updated from MacLeod Watts Scale 2018 to MacLeod Watts Scale 2022. The Healthcare Cost Trend Rate for the fiscal year ended June 30, 2024 was assumed to start at 6.5% (increase effective January 1, 2025) and grade down to 3.9% for years 2075 and later. The Healthcare Cost Trend Rate for the fiscal year ended June 30, 2023 was assumed to start at 5.8% (increase effective January 1, 2023) and grade down to 3.9% for years 2076 and later. In 2020, mortality tables were updated from MacLeod Watts Scale 2017 to MacLeod Watts Scale 2018; and the medical trend model was updated from combined sources, Nevada Public Employee Benefit Plan along with other healthcare trends, to the Getzen healthcare trend model.

	2024	2023	2022	2021	2020	2019	2018	2017
§501(c)(9) Plan								
Actuarially Determined Contribution	\$ —	\$ —	\$ 63,677	\$ 56,323	\$ 50,113	\$ 298,077	\$ 284,882	\$ 445,063
Contributions in relation to the actuarially determined contribution	169,319	162,922	76,785	60,499	127,724	258,430	324,529	445,063
Contribution deficiency (excess)	(169,319)	(162,922)	(13,108)	(4,176)	(77,611)	39,647	(39,647)	—
Covered-employee payroll	22,168,705	20,627,142	21,319,564	21,850,032	21,402,817	21,538,008	19,282,157	17,924,948
Contributions as a percentage of covered employee payroll	0.8 %	0.8 %	0.4 %	0.3 %	0.6 %	1.2 %	1.7 %	2.5 %
§115 Plan								
Actuarially Determined Contribution	\$ 57,219	\$ 56,289	\$ 87,404	\$ 86,813	\$ 85,743	\$ 121,798	\$ 119,366	\$ 103,441
Contributions in relation to the actuarially determined contribution	57,219	56,289	87,404	101,635	70,921	121,798	119,366	103,441
Contribution deficiency (excess)	—	—	—	(14,822)	14,822	—	—	—
Covered-employee payroll	1,682,451	1,690,741	1,618,829	1,679,850	1,714,076	1,841,575	1,955,987	1,965,933
Contributions as a percentage of covered employee payroll	3.4 %	3.3 %	5.4 %	6.1 %	4.1 %	6.6 %	6.1 %	5.3 %

Notes to Schedule

*Historical information is required only for measurement periods for which GASB Statement No. 75 is applicable. Future years' information will be disclosed up to 10 years as information becomes available.

The Healthcare Cost Trend Rate for the fiscal year ended June 30, 2024 was assumed to start at 6.5% (increase effective January 1, 2025) and grade down to 3.9% for years 2075 and later. The Healthcare Cost Trend Rate for the fiscal year ended June 30, 2023 was assumed to start at 5.8% (increase effective January 1, 2023) and grade down to 3.9% for years 2076 and later. Previously, the healthcare cost trend rate was assumed to start at 7.0% (increase effective January 1, 2021) and grade down to 4.0% for years 2076 and later.

Additional significant assumptions are listed below for each plan:

Assumption	§501(c)(9) Plan	§115 Plan
Valuation Date	December 31, 2023	December 31, 2023
Funding Method	Entry Age Normal Cost, level percent of pay	Entry Age Normal Cost, level percent of pay
Asset Valuation Method	Fair value of assets	Fair value of assets
Mortality	MacLeod Watts Scale 2022 applied generationally from 2010	MacLeod Watts Scale 2022 applied generationally from 2010
Long-Term Return on Assets and Discount Rate	6.0% net of plan investment and trust expenses	6.0% net of plan investment and trust expenses
Participants Valued	Only current active employees and retired participants and covered dependents are valued. This plan is now closed.	Only current active employees and retired participants and covered dependents are valued. This plan is now closed.
Salary Increase	3.0% per year; since benefits do not depend on salary, this is used to allocate the cost of benefits between service years.	3.0% per year; since benefits do not depend on salary, this is used to allocate the cost of benefits between service years.
General Inflation Rate	2.5% per year	2.5% per year
Medicare Eligibility	Absent contrary data, all individuals are assumed to be eligible for Medicare Parts A and B at 65. Retirees over age 65 who are not eligible for Medicare are assumed to remain ineligible.	Absent contrary data, all individuals are assumed to be eligible for Medicare Parts A and B at 65.
Employer Cost Sharing	<p>IBEW Pre - 1998 Hires: Increases in the PRMPT-paid portion of healthcare premiums are assumed to increase at the same rates as medical trend (described above).</p> <p>IBEW Post-1997 Hires: The \$1,250 service multiplier is assumed to remain fixed at its current level in all future years. Retirees are expected to exhaust the lifetime allowance 4 years following retirement.</p> <p>MPAT: The \$235 (pre-65) and \$105 (post-65) service multipliers are assumed to remain fixed at their current level in all future years.</p>	<p>Tier 1: The Trust-paid portion of healthcare premiums is assumed to increase at the same rates as medical trend (described above).</p> <p>Tier 2: The TMWA subsidy provided prior to age 65 is assumed to increase at the same rates as medical trend. The subsidy provided at ages 65 and above is assumed to increase by 4.5% per year.</p>

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
TMWA's proportion of the net pension liability	0.3300 %	0.3179 %	0.3131 %	0.3029 %	0.2976 %	0.2761 %	0.2806 %	0.2674 %	0.2345 %	0.2139 %
TMWA's proportionate share of the net pension liability	\$ 60,226,778	\$ 57,394,508	\$ 28,552,406	\$ 42,191,934	\$ 40,582,611	\$ 37,658,701	\$ 37,323,782	\$ 35,783,246	\$ 26,869,406	\$ 22,293,306
TMWA's covered payroll	\$ 25,655,419	\$ 23,523,549	\$ 22,379,402	\$ 21,627,820	\$ 20,440,658	\$ 18,259,883	\$ 17,947,692	\$ 16,314,669	\$ 14,077,995	\$ 12,573,558
TMWA's proportionate share of the net pension liability as a percentage of its covered payroll	234.75 %	243.99 %	127.58 %	195.08 %	198.54 %	206.24 %	207.96 %	219.33 %	190.86 %	177.30 %
Plan fiduciary net position as a percentage of the total pension liability	76.16 %	75.12 %	86.51 %	77.04 %	76.46 %	75.24 %	74.42 %	72.23 %	75.13 %	76.30 %

Significant assumptions are listed below:

Assumption	2023 - 2021	2020 - 2017	2016 - 2014
Inflation Rate	2.50%	2.75%	3.50%
Payroll Growth	3.50%	5.00%	5.00%
Investment Rate of Return / Discount Rate	7.25%	7.50%	8.00%
Productivity Pay Increase	0.50%	0.50%	0.75%
Projected Salary Increases			
Regular**	4.20% to 9.10%	4.25% to 9.15%	4.60% to 9.75%
Police/Fire**	4.60% to 14.50%	4.55% to 13.90%	5.25% to 14.50%
Consumer Price Index	2.50%	2.75%	3.50%
Mortality Rates			
Healthy***	Pub-2010 General and Safety Healthy Retiree and Employee	Headcount-Weighted RP-2014 Healthy	RP-2000 Combined Healthy Mortality Table
Disabled	Pub-2010 Non-Safety and Safety Disabled Retiree Amount-Weighted	Headcount-Weighted RP-2014 Disabled	RP-2000 Disabled Retiree Mortality Table
Current Beneficiaries***	Pub-2010 Contingent Survivor and General Employee	Headcount-Weighted RP-2014 Healthy	N/A
Pre-retirement***	Pub-2010 General and Safety Employee	Headcount-Weighted RP-2014 Employee	N/A
Future Mortality Improvement	Generational Projection Scale MP-2020	6 years	N/A

**Depending on service; rates include inflation and productivity increases.

***Amount-Weighted Above-Median.

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Statutorily required contribution	\$ 4,837,476	\$ 3,819,668	\$ 3,496,584	\$ 3,277,098	\$ 3,156,332	\$ 2,865,963	\$ 2,562,356	\$ 5,037,877	\$ 4,534,811	\$ 3,629,441
Contributions in relation to the statutorily required contribution	\$ 4,837,476	\$ 3,819,668	\$ 3,496,584	\$ 3,277,098	\$ 3,156,332	\$ 2,865,963	\$ 2,562,356	\$ 5,037,877	\$ 4,534,811	\$ 3,629,441
Contribution (deficiency) excess	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
TMWA's covered payroll	\$29,056,002	\$25,655,419	\$23,523,549	\$22,379,402	\$21,627,820	\$20,440,658	\$18,259,883	\$17,947,692	\$16,314,669	\$14,077,995
Contributions as a percentage of covered payroll	16.65 %	14.89 %	14.86 %	14.64 %	14.59 %	14.02 %	14.03 %	28.07 %	27.80 %	25.78 %

Notes to Schedule

Beginning in 2018, contributions reflect employer-paid contributions only due to GASB Statement No. 82, which classifies contributions as member contributions for the purposes of GASB Statement No. 68, if they are made by an employer to satisfy what are actually deemed to be member contribution requirements.

Supplementary Information
June 30, 2024 and 2023

Truckee Meadows Water Authority

Truckee Meadows Water Authority
 Schedule of Revenues, Expenses, and Changes in Net Position - Budget and Actual
 Year Ended June 30, 2024

	Final Budget	Actual	(Under) Over Budget
Operating Revenues			
Charges for water sales	\$ 116,653,419	\$ 113,961,589	\$ (2,691,830)
Hydroelectric sales	3,355,681	4,193,494	837,813
Other operating sales	3,322,025	4,220,374	898,349
Total operating revenues	<u>123,331,125</u>	<u>122,375,457</u>	<u>(955,668)</u>
Operating Expenses			
Salaries and wages	31,654,292	30,637,686	(1,016,606)
Employee benefits	13,865,891	16,283,832	2,417,941
Services and supplies	44,029,570	37,552,454	(6,477,116)
Total operating expenses before depreciation	<u>89,549,753</u>	<u>84,473,972</u>	<u>(5,075,781)</u>
Depreciation	35,460,610	36,500,513	1,039,903
Total operating expenses	<u>125,010,363</u>	<u>120,974,485</u>	<u>(4,035,878)</u>
Operating Income (Loss)	<u>(1,679,238)</u>	<u>1,400,972</u>	<u>3,080,210</u>
Nonoperating Revenues (Expenses)			
Investment earnings	4,870,030	1,761,755	(3,108,275)
Net increase in fair value of investments	—	7,185,606	7,185,606
Loss on disposal of assets	(1,643,000)	(3,544,836)	(1,901,836)
Debt issuance costs	—	(499,000)	(499,000)
Interest expense	(11,028,721)	(10,181,533)	847,188
Total nonoperating revenues (expenses)	<u>(7,801,691)</u>	<u>(5,278,008)</u>	<u>2,523,683</u>
Income (Loss) before Capital Contributions	<u>(9,480,929)</u>	<u>(3,877,036)</u>	<u>5,603,893</u>
Capital Contributions			
Grants	2,687,700	9,658,905	6,971,205
Water resource sustainability program	1,128,328	1,097,584	(30,744)
Developer infrastructure contributions	15,344,792	9,962,594	(5,382,198)
Developer will-serve contributions	5,214,000	5,507,199	293,199
Developer capital contributions	8,905,657	6,026,121	(2,879,536)
Developer facility charges	7,946,883	12,874,933	4,928,050
Contributions from others	—	73,095	73,095
Contributions from other governments	14,100,000	4,800,936	(9,299,064)
Net capital contributions	<u>55,327,360</u>	<u>50,001,367</u>	<u>(5,325,993)</u>
Change in Net Position	<u>\$ 45,846,431</u>	<u>\$ 46,124,331</u>	<u>\$ 277,900</u>

Truckee Meadows Water Authority
Schedule of Revenues, Expenses, and Changes in Net Position - Budget and Actual
Year Ended June 30, 2023

	Final Budget	Actual	(Under) Over Budget
Operating Revenues			
Charges for water sales	\$ 113,142,185	\$ 107,098,581	\$ (6,043,604)
Hydroelectric sales	2,407,214	2,928,163	520,949
Other operating sales	3,861,065	3,122,397	(738,668)
Total operating revenues	<u>119,410,464</u>	<u>113,149,141</u>	<u>(6,261,323)</u>
Operating Expenses			
Salaries and wages	29,656,188	27,309,513	(2,346,675)
Employee benefits	12,842,853	13,905,722	1,062,869
Services and supplies	38,572,515	38,311,560	(260,955)
Total operating expenses before depreciation	<u>81,071,556</u>	<u>79,526,795</u>	<u>(1,544,761)</u>
Depreciation	34,628,346	34,848,532	220,186
Total operating expenses	<u>115,699,902</u>	<u>114,375,327</u>	<u>(1,324,575)</u>
Operating Income (Loss)	<u>3,710,562</u>	<u>(1,226,186)</u>	<u>(4,936,748)</u>
Nonoperating Revenues (Expenses)			
Investment earnings	3,064,024	3,576,888	512,864
Net decrease in fair value of investments	—	(1,626,597)	(1,626,597)
Loss on disposal of assets	(1,700,000)	(1,261,500)	438,500
Interest expense	(11,499,699)	(11,522,905)	(23,206)
Total nonoperating revenues (expenses)	<u>(10,135,675)</u>	<u>(10,834,114)</u>	<u>(698,439)</u>
Income (Loss) before Capital Contributions	<u>(6,425,113)</u>	<u>(12,060,300)</u>	<u>(5,635,187)</u>
Capital Contributions			
Grants	3,585,635	88,724	(3,496,911)
Water resource sustainability program	2,840,000	798,007	(2,041,993)
Developer infrastructure contributions	21,903,168	19,884,818	(2,018,350)
Developer will-serve contributions	7,245,700	3,620,779	(3,624,921)
Developer capital contributions	—	1,846,641	1,846,641
Developer facility charges	24,230,457	14,631,602	(9,598,855)
Contributions from others	94,924	—	(94,924)
Contributions from other governments	21,100,000	1,413,804	(19,686,196)
Net capital contributions	<u>80,999,884</u>	<u>42,284,375</u>	<u>(38,715,509)</u>
Change in Net Position	<u>\$ 74,574,771</u>	<u>\$ 30,224,075</u>	<u>\$ (44,350,696)</u>

Truckee Meadows Water Authority
Combining Statement of Fiduciary Net Position - Other Postemployment Benefit Trust Funds
December 31, 2023 and 2022

	<u>§501(c)(9) Plan</u>	<u>§115 Plan</u>	<u>Total</u>
December 31, 2023			
Assets			
Cash	\$ 170,310	\$ 26,657	\$ 196,967
Receivables from plan members	10,740	1,543	12,283
Investments, at fair value	<u>15,390,220</u>	<u>1,731,235</u>	<u>17,121,455</u>
Total assets	<u>15,571,270</u>	<u>1,759,435</u>	<u>17,330,705</u>
Liabilities			
Accounts payable	<u>106,028</u>	<u>9,771</u>	<u>115,799</u>
Net Position Restricted for Postemployment Benefits Other than Pensions	<u>\$ 15,465,242</u>	<u>\$ 1,749,664</u>	<u>\$ 17,214,906</u>
December 31, 2022			
Assets			
Cash	\$ 74,782	\$ 55,240	\$ 130,022
Receivables from plan members	12,452	1,545	13,997
Investments, at fair value	<u>13,457,829</u>	<u>1,467,726</u>	<u>14,925,555</u>
Total assets	<u>13,545,063</u>	<u>1,524,511</u>	<u>15,069,574</u>
Liabilities			
Accounts payable	<u>119,292</u>	<u>6,191</u>	<u>125,483</u>
Net Position Restricted for Postemployment Benefits Other than Pensions	<u>\$ 13,425,771</u>	<u>\$ 1,518,320</u>	<u>\$ 14,944,091</u>

Truckee Meadows Water Authority

Combining Statement of Changes in Fiduciary Net Position - Other Postemployment Benefit Trust Funds
Year Ended December 31, 2023 and 2022

	<u>§501(c)(9) Plan</u>	<u>§115 Plan</u>	<u>Total</u>
Year Ended December 31, 2023			
Additions			
Net investment income (loss)	\$ 2,412,391	\$ 273,508	\$ 2,685,899
Employer contributions	—	33,596	33,596
Total additions	<u>2,412,391</u>	<u>307,104</u>	<u>2,719,495</u>
Deductions			
Benefit payments	348,885	58,360	407,245
Administrative expenses	24,035	17,400	41,435
Total deductions	<u>372,920</u>	<u>75,760</u>	<u>448,680</u>
Change in Net Position	2,039,471	231,344	2,270,815
Net Position Restricted for Postemployment Benefits Other than Pensions			
Beginning of Year	<u>13,425,771</u>	<u>1,518,320</u>	<u>14,944,091</u>
End of Year	<u>\$ 15,465,242</u>	<u>\$ 1,749,664</u>	<u>\$ 17,214,906</u>
Year Ended December 31, 2022			
Additions			
Net investment income (loss)	\$ (2,194,687)	\$ (234,899)	\$ (2,429,586)
Employer contributions	—	46,494	46,494
Total additions	<u>(2,194,687)</u>	<u>(188,405)</u>	<u>(2,383,092)</u>
Deductions			
Benefit payments	366,492	50,386	416,878
Administrative expenses	20,532	19,687	40,219
Total deductions	<u>387,024</u>	<u>70,073</u>	<u>457,097</u>
Change in Net Position	(2,581,711)	(258,478)	(2,840,189)
Net Position Restricted for Postemployment Benefits Other than Pensions			
Beginning of Year	<u>16,007,482</u>	<u>1,776,798</u>	<u>17,784,280</u>
End of Year	<u>\$ 13,425,771</u>	<u>\$ 1,518,320</u>	<u>\$ 14,944,091</u>

Statistical Section
Truckee Meadows Water Authority

This part of the Truckee Meadows Water Authority Annual Comprehensive Financial Report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about the TMWA's overall financial health.

<u>Section Contents</u>	<u>Schedule No.</u>
Financial Trends These schedules contain trend information to help the reader understand how TMWA's financial performance and well-being have changed over time.	1-6
Revenue Capacity These schedules contain information to help the reader assess the factors affecting TMWA's ability to generate its water sales and other revenues.	7-8
Debt Capacity This schedule presents information to help the reader assess the affordability of TMWA's current levels of outstanding debt, and its ability to issue additional future debt.	9
Demographic and Economic Information These schedules offer demographic and economic indicators to help the reader understand the environment within which TMWA's financial activities take place and to help make comparisons over time and with other utilities.	10-12
Operating Information These schedules contain information about TMWA's operations and resources to help the reader understand how TMWA's financial information relates to the services it provides and the activities it performs.	13-17
Debt Ratios These schedules contain information about changes in TMWA's debt and its debt in relation to service connections.	18-19

Sources: Unless otherwise noted, the information in these schedules is derived from the Annual Comprehensive Financial Reports for the relevant year.

Truckee Meadows Water Authority
 Schedule No. 1 - Net Position by Component
 Last Ten Fiscal Years

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Net Position										
Net investment in capital assets	\$ 853,064,335	\$ 749,158,166	\$ 692,996,744	\$ 649,138,921	\$ 617,541,639	\$ 573,174,076	\$ 533,058,874	\$ 506,700,472	\$ 478,543,111	\$ 444,402,572
Restricted	45,607,463	43,688,996	50,641,288	45,978,321	52,360,165	29,351,818	30,355,635	28,589,861	40,505,804	42,158,803
Unrestricted	37,941,681	97,641,986	116,627,041	119,058,043	99,841,693	115,662,201	104,661,680	95,037,226	65,933,399	77,312,759
Total Net Position	<u>\$ 936,613,479</u>	<u>\$ 890,489,148</u>	<u>\$ 860,265,073</u>	<u>\$ 814,175,285</u>	<u>\$ 769,743,497</u>	<u>\$ 718,188,095</u>	<u>\$ 668,076,189</u>	<u>\$ 630,327,559</u>	<u>\$ 584,982,314</u>	<u>\$ 563,874,134</u>

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Truckee Meadows Water Authority
 Schedule No. 2 - Changes in Net Position
 Last Ten Fiscal Years

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Operating Revenues	\$122,375,457	\$113,149,141	\$114,570,982	\$115,390,804	\$108,072,657	\$107,089,518	\$101,812,092	\$ 97,268,183	\$ 91,928,943	\$ 90,029,316
Operating Expenses	120,974,485	114,375,327	98,608,193	98,233,986	94,121,824	92,466,904	90,311,622	82,339,194	80,615,507	70,114,860
Operating Income (Loss)	1,400,972	(1,226,186)	15,962,789	17,156,818	13,950,833	14,622,614	11,500,470	14,928,989	11,313,436	19,914,456
Total Nonoperating Revenues (Expenses)	(5,278,008)	(10,834,114)	(21,468,722)	(14,080,224)	(6,575,750)	(6,692,826)	(11,162,667)	(11,684,303)	(9,491,450)	(23,526,380)
Income (Loss) before Capital Contributions	(3,877,036)	(12,060,300)	(5,505,933)	3,076,594	7,375,083	7,929,788	337,803	3,244,686	1,821,986	(3,611,924)
Capital Contributions	50,001,367	42,284,375	51,595,721	41,355,194	44,180,319	42,182,118	37,410,827	43,351,171	19,286,194	19,638,821
Special Item	—	—	—	—	—	—	—	—	—	231,516,024
Change in Net Position	<u>\$ 46,124,331</u>	<u>\$ 30,224,075</u>	<u>\$ 46,089,788</u>	<u>\$ 44,431,788</u>	<u>\$ 51,555,402</u>	<u>\$ 50,111,906</u>	<u>\$ 37,748,630</u>	<u>\$ 46,595,857</u>	<u>\$ 21,108,180</u>	<u>\$247,542,921</u>

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Truckee Meadows Water Authority
Schedule No. 3 - Operating Revenues by Customer Class
Last Ten Fiscal Years

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Revenues from water sales										
Residential unmetered water sales	\$ 2,774,684	\$ 2,694,166	\$ 2,730,559	\$ 2,423,033	\$ 2,571,216	\$ 2,558,779	\$ 2,505,172	\$ 2,446,144	\$ 3,725,916	\$ 9,366,307
Residential metered water sales	81,385,157	76,537,384	77,184,825	79,124,628	73,295,343	71,651,437	67,393,672	65,829,635	60,198,267	51,796,871
Commercial metered water sales	13,171,804	12,736,096	12,587,162	12,041,548	11,888,963	12,807,427	12,238,940	11,369,179	11,026,132	11,339,953
Irrigation metered & fire protection	15,326,405	13,914,208	14,408,203	14,950,021	13,457,574	13,509,567	12,169,406	11,887,395	11,554,063	11,123,168
Wholesale sales	1,303,539	1,216,727	1,262,221	1,283,606	1,273,982	1,249,439	1,165,607	1,154,907	1,029,954	2,560,399
Total water sales	113,961,589	107,098,581	108,172,970	109,822,836	102,487,078	101,776,649	95,472,797	92,687,260	87,534,332	86,186,698
Hydroelectric revenue	4,193,494	2,928,163	2,551,333	2,768,274	3,298,850	2,624,285	3,757,043	1,788,934	1,175,195	1,366,786
Other operating revenues	4,220,374	3,122,397	3,846,679	2,799,694	2,286,729	2,688,584	2,582,252	2,791,989	3,219,416	2,475,832
Total Operating Revenues	<u>\$ 122,375,457</u>	<u>\$ 113,149,141</u>	<u>\$114,570,982</u>	<u>\$115,390,804</u>	<u>\$108,072,657</u>	<u>\$107,089,518</u>	<u>\$101,812,092</u>	<u>\$ 97,268,183</u>	<u>\$ 91,928,943</u>	<u>\$ 90,029,316</u>

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Truckee Meadows Water Authority
 Schedule No. 4 - Operating Expenses
 Last Ten Fiscal Years

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Salaries and wages	\$ 30,637,686	\$ 27,309,513	\$ 24,735,686	\$ 23,101,987	\$ 21,455,982	\$ 20,973,151	\$ 18,735,892	\$ 17,257,014	\$ 16,541,811	\$ 13,763,006
Employee benefits	16,283,832	13,905,722	7,461,199	11,282,823	11,529,749	10,184,189	12,919,692	8,931,838	6,364,279	5,271,735
Contract services	9,817,941	9,739,129	10,365,323	8,294,629	8,191,575	8,191,575	8,678,689	6,204,863	7,335,521	6,321,061
Utilities/power	9,659,473	9,155,795	7,144,034	5,801,118	5,953,121	5,953,121	5,322,771	5,201,870	5,386,413	5,449,347
Information technology	2,644,075	2,334,145	1,998,876	4,172,257	1,334,300	1,225,262	1,054,648	1,112,663	1,004,622	749,917
Prof services (general/legal/media/leg)	2,247,249	2,436,284	2,371,990	2,142,911	2,821,923	2,821,923	2,905,859	2,258,454	2,512,154	3,132,132
Supplies	3,891,749	3,798,410	3,424,124	2,745,163	2,660,187	2,660,187	2,317,853	2,635,229	2,700,906	2,572,699
Chemicals	3,047,291	4,277,866	2,622,826	2,430,441	2,286,659	2,286,659	1,605,280	1,984,300	1,803,614	1,554,496
Insurance and claims	1,466,697	1,310,943	1,303,403	1,104,859	847,844	847,844	675,430	719,604	742,006	684,021
Leases and rentals	665,315	562,421	400,745	137,780	256,836	256,836	104,243	146,999	96,290	79,640
Other expenses	4,112,664	4,696,567	3,137,450	3,733,645	3,456,514	4,232,553	3,170,545	3,716,782	3,993,701	2,637,356
Total operating expenses before depreciation	84,473,972	79,526,795	64,965,656	64,947,613	60,794,690	59,633,300	57,490,902	50,169,616	48,481,317	42,215,411
Depreciation	36,500,513	34,848,532	33,642,537	33,286,373	33,327,134	32,833,604	32,820,720	32,169,578	32,134,190	27,899,449
Total Operating Expenses	<u>\$120,974,485</u>	<u>\$114,375,327</u>	<u>\$ 98,608,193</u>	<u>\$ 98,233,986</u>	<u>\$ 94,121,824</u>	<u>\$ 92,466,904</u>	<u>\$ 90,311,622</u>	<u>\$ 82,339,194</u>	<u>\$ 80,615,507</u>	<u>\$ 70,114,860</u>

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Truckee Meadows Water Authority
Schedule No. 5 - Nonoperating Revenues and Expenses
Last Ten Fiscal Years

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Investment Earnings	\$ 1,761,755	\$ 3,576,888	\$ 2,028,627	\$ 2,563,447	\$ 4,119,737	\$ 4,409,486	\$ 2,313,513	\$ 7,209,113	\$ 6,737,745	\$ 2,127,009
Interest Expense	(10,181,533)	(11,522,905)	(11,954,097)	(12,262,581)	(12,698,972)	(13,268,153)	(11,720,356)	(16,968,911)	(21,549,864)	(21,281,117)
Gain (Loss) on Disposal of Assets	(3,544,836)	(1,261,500)	(938,661)	(1,755,873)	(1,189,776)	(225,687)	133,972	(155,722)	6,460,373	(653,698)
Other Revenue (Expenses)	<u>6,686,606</u>	<u>(1,626,597)</u>	<u>(10,604,591)</u>	<u>(2,625,217)</u>	<u>3,193,261</u>	<u>2,391,528</u>	<u>(1,889,796)</u>	<u>(1,768,783)</u>	<u>(1,139,704)</u>	<u>(3,718,574)</u>
Total Nonoperating Expenses	<u>\$ (5,278,008)</u>	<u>\$ (10,834,114)</u>	<u>\$ (21,468,722)</u>	<u>\$ (14,080,224)</u>	<u>\$ (6,575,750)</u>	<u>\$ (6,692,826)</u>	<u>\$ (11,162,667)</u>	<u>\$ (11,684,303)</u>	<u>\$ (9,491,450)</u>	<u>\$ (23,526,380)</u>

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Truckee Meadows Water Authority
Schedule No. 6 - Capital Contributions by Source
Last Ten Fiscal Years

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Grants	\$ 9,658,905	\$ 88,724	\$ 2,164,651	\$ —	\$ 232,153	\$ 831,116	\$ 348,248	\$ 1,226,863	\$ 224,138	\$ 276,260
Water Meter Retrofit Program	—	—	—	—	—	994,706	2,379,206	341,074	482,081	1,013,896
Water Resource Sustainability Program	1,097,584	798,007	1,409,024	1,708,110	1,484,443	689,060	—	—	—	—
Developer Infrastructure Contributions	9,962,594	19,884,818	18,167,149	10,201,446	20,145,641	19,112,590	15,017,446	10,797,854	8,454,980	2,703,092
Developer Will-serve Contributions	5,507,199	3,620,779	4,436,788	5,632,381	4,082,279	4,663,826	6,652,819	7,950,666	4,363,692	1,864,446
Developer Capital Contributions	6,026,121	1,846,641	1,493,347	11,461,850	7,847,962	6,636,417	6,448,549	6,062,247	2,473,163	1,588,158
Developer Facility Charges	12,874,933	14,631,602	23,204,940	12,218,607	9,657,274	9,154,403	6,464,559	5,116,956	2,931,940	2,494,434
From Others	4,874,031	1,413,804	719,822	132,800	730,567	100,000	100,000	11,855,511	356,200	9,698,535
Total Capital Contributions	<u>\$ 50,001,367</u>	<u>\$ 42,284,375</u>	<u>\$ 51,595,721</u>	<u>\$ 41,355,194</u>	<u>\$ 44,180,319</u>	<u>\$ 42,182,118</u>	<u>\$ 37,410,827</u>	<u>\$ 43,351,171</u>	<u>\$ 19,286,194</u>	<u>\$ 19,638,821</u>

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Truckee Meadows Water Authority
Schedule No. 7 - Gallons of Water Sold and Revenues by Category
Last Ten Fiscal Years

Category	2024		2023	
	Gallons Sold (000)	Revenue	Gallons Sold (000)	Revenue
	Residential-Unmetered (1)	—	\$ 2,774,684	—
Residential Metered	17,023,724	81,385,157	16,841,640	76,537,384
Commercial	3,943,593	13,171,804	3,979,289	12,736,096
Other (2)	3,081,775	15,326,405	2,923,271	13,914,208
Wholesale	627,089	1,303,539	625,124	1,216,727
Total	24,676,181	\$ 113,961,589	24,369,324	\$ 107,098,581
	2022		2021	
	Gallons Sold (000)	Revenue	Gallons Sold (000)	Revenue
Residential-Unmetered (1)	—	\$ 2,730,559	—	\$ 2,423,033
Residential Metered	17,863,105	77,184,825	18,481,075	79,124,628
Commercial	4,142,484	12,587,162	3,891,086	12,041,548
Other (2)	3,171,127	14,408,203	3,204,611	14,950,021
Wholesale	670,593	1,262,221	623,909	1,283,606
Total	25,847,309	\$ 108,172,970	26,200,681	\$ 109,822,836
	2020		2019	
	Gallons Sold (000)	Revenue	Gallons Sold (000)	Revenue
Residential-Unmetered (1)	—	\$ 2,571,216	—	\$ 2,558,779
Residential Metered	17,111,305	73,295,343	16,970,042	71,651,437
Commercial	3,952,196	11,888,963	4,315,407	12,807,427
Other (2)	2,896,243	13,457,574	2,974,110	13,509,567
Wholesale	606,627	1,273,982	619,928	1,249,439
Total	24,566,371	\$ 102,487,078	24,879,487	\$ 101,776,649
	2018		2017	
	Gallons Sold (000)	Revenue	Gallons Sold (000)	Revenue
Residential-Unmetered (1)	—	\$ 2,505,172	—	\$ 2,446,145
Residential Metered	16,335,308	67,393,672	16,487,693	65,829,634
Commercial	4,232,836	12,238,940	4,277,917	11,887,395
Other (2)	2,698,977	12,169,406	2,749,795	11,369,179
Wholesale	591,624	1,165,607	613,051	1,154,907
Total	23,858,745	\$ 95,472,797	24,128,456	\$ 92,687,260
	2016		2015*	
	Gallons Sold (000)	Revenue	Gallons Sold (000)	Revenue
Residential-Unmetered (1)	—	\$ 3,725,916	—	\$ 9,366,307
Residential Metered	14,633,319	60,198,267	15,151,881	51,796,871
Commercial	4,086,057	11,026,132	4,350,417	11,339,953
Other (2)	2,579,408	11,554,063	2,913,757	11,123,168
Wholesale	542,875	1,029,954	1,598,995	2,560,399
Total	21,841,659	\$ 87,534,332	24,015,050	\$ 86,186,698

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

(1) Complete consumption information is not available for unmetered customers.

(2) These accounts include irrigation and non metered fire protection/sprinkler systems located on the premises of residential and commercial customers.

Truckee Meadows Water Authority

Schedule No. 8 - Ten Largest Customers

June 30, 2024

<u>Customer Name</u>	<u>Water Used (000s Gallons)</u>	<u>Total Revenue</u>	<u>% of Total Water Sales</u>
1. Sun Valley Water	601,318	\$ 1,250,257	1.1 %
2. Washoe County School District	309,576	1,120,848	1.0 %
3. City of Reno*	376,272	994,273	0.9 %
4. Washoe County	161,090	549,346	0.5 %
5. City of Sparks	129,333	517,200	0.5 %
6. Somersett HOA	121,373	480,060	0.4 %
7. University of Nevada, Reno	128,034	385,227	0.3 %
8. Nevada Properties, Peppermill	122,147	369,354	0.3 %
9. Silver Legacy	99,388	305,172	0.3 %
10. Atlantis Resort Hotel	77,565	263,931	0.2 %
Totals	<u>2,126,096</u>	<u>\$ 6,235,668</u>	<u>5.5 %</u>

*City of Reno includes the Reno Housing Authority.

Truckee Meadows Water Authority
Schedule No. 9 - Debt Service Coverage Ratios
Last Ten Fiscal Years

	Fiscal Year (in millions)									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Charges for water sales ⁽¹⁾	\$ 113,962	\$ 107,099	\$ 108,173	\$ 109,823	\$ 102,487	\$ 101,777	\$ 95,473	\$ 92,687	\$ 87,534	\$ 86,187
Other operating and nonoperating revenue ⁽²⁾	10,176	9,627	8,427	8,131	9,705	9,722	8,653	11,790	11,132	5,970
Gross revenues	<u>124,138</u>	<u>116,726</u>	<u>116,600</u>	<u>117,954</u>	<u>112,192</u>	<u>111,499</u>	<u>104,126</u>	<u>104,477</u>	<u>98,666</u>	<u>92,157</u>
Operation and maintenance expenses ⁽³⁾	83,757	78,795	64,244	64,233	60,076	58,955	57,021	50,958	48,030	41,772
Taxes other than income taxes ⁽⁴⁾	717	731	722	715	719	678	470	462	451	443
Total expenses	<u>84,474</u>	<u>79,527</u>	<u>64,966</u>	<u>64,948</u>	<u>60,795</u>	<u>59,633</u>	<u>57,491</u>	<u>51,420</u>	<u>48,481</u>	<u>42,215</u>
Net Revenues	<u>\$ 39,663</u>	<u>\$ 37,199</u>	<u>\$ 51,634</u>	<u>\$ 53,006</u>	<u>\$ 51,397</u>	<u>\$ 51,866</u>	<u>\$ 46,635</u>	<u>\$ 53,057</u>	<u>\$ 50,185</u>	<u>\$ 49,942</u>
Senior Lien Annual Debt Service ⁽⁵⁾	<u>\$ 27,943</u>	<u>\$ 27,960</u>	<u>\$ 28,275</u>	<u>\$ 27,830</u>	<u>\$ 28,186</u>	<u>\$ 17,891</u>	<u>\$ 15,696</u>	<u>\$ 18,916</u>	<u>\$ 31,780</u>	<u>\$ 29,955</u>
Senior Lien Debt Coverage excluding SDCs	<u>1.42</u>	<u>1.33</u>	<u>1.83</u>	<u>1.90</u>	<u>1.82</u>	<u>2.90</u>	<u>2.97</u>	<u>2.80</u>	<u>1.58</u>	<u>1.67</u>
System Development Charges (SDCs):										
Developer facility charges	\$ 12,875	\$ 14,632	\$ 23,205	\$ 12,219	\$ 9,657	\$ 9,154	\$ 6,465	\$ 5,117	\$ 2,932	\$ 2,494
Developer capital contributions - other	6,026	1,847	1,493	11,462	7,848	6,636	6,449	6,062	2,473	1,588
Senior Lien Debt Coverage including SDCs ⁽⁶⁾	<u>2.10</u>	<u>1.92</u>	<u>2.70</u>	<u>2.76</u>	<u>2.44</u>	<u>3.78</u>	<u>3.79</u>	<u>3.40</u>	<u>1.75</u>	<u>1.80</u>

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

⁽¹⁾ Includes retail residential, commercial, irrigation, and wholesale water sales net of bad debt expense.

⁽²⁾ Reflects hydroelectric revenues, other miscellaneous operating revenues from fees and charges, as well as gross investment income.

⁽³⁾ Includes water supply, treatment, distribution, hydroelectric power plant maintenance, customer service, water resource planning, conservation programs, administration, and inspection services. Wages and salaries, employee benefits, and services and supplies comprise these expenses.

⁽⁴⁾ The Authority is required to pay property taxes on water rights and storage facilities located in California.

⁽⁵⁾ This schedule does not include the payments on the DWSRF loan or the 2021 Refunding Bonds, which are subordinate to the 2015-A, 2016, 2017 and 2018 Refunding Bonds.

⁽⁶⁾ TMWA's bond covenants require a minimum coverage of 1.25x total principal and interest payments. In fiscal years 2017, 2018 and 2019, TMWA deferred principal payments on debt which increased the debt coverage ratio.

Truckee Meadows Water Authority
Schedule No. 10 - Schedule of Total Building Permits Issued by Jurisdiction/Member Entity
Last Ten Fiscal Years

Fiscal Year	Washoe County	City of Reno	City of Sparks
2024	5,117	11,401	5,183
2023	4,258	9,639	4,890
2022	5,142	12,008	4,789
2021	4,694	10,453	4,616
2020	4,194	9,625	4,103
2019	4,307	10,323	3,890
2018	4,241	10,101	3,935
2017	2,615	9,058	3,636
2016	2,121	9,080	3,712
2015	1,807	7,345	3,581

Source: As reported by each local governmental entity.

Truckee Meadows Water Authority

Schedule No. 11 - Selected Demographic and Economic Statistics for Washoe County
Last Ten Fiscal Years

Fiscal Year	Population	Per Capita Income	Median Age	School Enrollment	Total Personal Income	Unemployment Rate	Total Labor Force	Construction Activity Total Value	Number of New Family Units	Taxable Sales	Gross Income Gaming Revenue	Total Passenger Air Traffic
2024	498,022	\$ 81,531	39.5	63,448	\$ 38,784,839	5.0 %	265,454	\$ 391,470,000	540	\$12,117,540,000	\$1,000,369,000	4,689,790
2023	496,745	74,292	39.5	64,322	35,246,181	4.5 %	263,078	466,715,000	443	12,383,862,000	971,243,000	4,460,048
2022	486,492	66,076	38.5	64,820	31,523,753	3.3 %	254,381	678,435,000	596	12,267,766,000	970,727,000	4,155,405
2021	478,355	63,360	38.6	65,121	29,875,442	4.9 %	251,933	719,607,000	692	11,049,067,000	837,334,000	2,472,843
2020	472,069	59,639	38.1	66,913	27,776,003	3.2 %	255,915	450,868,000	617	9,250,416,000	630,862,000	3,378,405
2019	464,630	55,487	38.0	66,960	22,556,498	3.6 %	250,005	458,823,000	572	8,829,864,000	785,532,000	4,298,555
2018	460,237	48,996	37.9	66,989	22,549,907	4.2 %	239,119	345,710,000	481	8,531,253,000	779,347,000	4,128,476
2017	459,142	46,315	37.5	63,919	21,265,239	4.0 %	223,409	301,127,000	378	7,989,009,000	738,373,000	3,819,896
2016	451,248	44,687	37.5	63,670	20,164,911	6.4 %	213,923	231,742,000	320	7,550,467,000	789,359,000	3,563,818
2015	441,165	42,967	37.4	63,108	19,077,494	6.4 %	213,773	246,628,000	255	6,817,589,000	765,248,000	3,297,642

Source: Washoe County Schedule 4.1, 2024

Truckee Meadows Water Authority
 Schedule No. 12 - Principal Employers
 Current and Nine Years Ago

Employer	December, 2023			December, 2014		
	Employees	Rank	Percentage of Total County Employment	Employees	Rank	Percentage of Total County Employment
Washoe County School District	8,750	1	3.62 %	8,750	1	4.51 %
University of Nevada - Reno	4,750	2	1.97 %	4,750	2	2.19 %
Washoe County	3,419	3	1.42 %	2,750	4	1.42 %
Renown Medical Center	3,250	4	1.35 %	2,750	3	1.42 %
Peppermill Hotel Casino - Reno	2,500	5	1.04 %	2,250	5	1.16 %
Nugget Casino	2,500	6	1.04 %	—	—	—
Grand Sierra Resort	2,500	7	1.04 %	1,750	9	0.90 %
Harrah's	2,500	8	1.04 %	—	—	—
St. Mary's	2,500	9	1.04 %	—	—	—
Silver Legacy Resort Casino	2,500	10	1.04 %	1,750	7	0.90 %
International Game Technology PLC	—	—	—	2,250	6	0.90 %
Atlantis Casino Resort	—	—	—	1,750	8	0.90 %
Eldorado Hotel & Casino	—	—	—	1,250	10	0.64 %
Total Washoe Covered Employment	<u>241,410</u>			<u>194,179</u>		

Note: Each of the years reflect respective 4th quarter calendar year information. Nevada Revised Statutes Chapter 612 stipulate that actual employment for individual employers may not be published. The Nevada Department of Employment Training and Rehabilitation outsources the publication of this information to Infogroup. Infogroup publishes employee counts in ranges of 5,000. The number of employees are estimated using the midpoint.

Source: Washoe County Schedule 4.2, 2024

Truckee Meadows Water Authority
 Schedule No. 13 - Customer and Water Sales by Category
 Last Ten Fiscal Years

2024				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	641	0.45 %	\$ 2,774,684	2.43 %
Residential metered	124,742	87.69 %	81,385,157	71.42 %
Commercial metered	7,146	5.02 %	13,171,804	11.56 %
Other ⁽²⁾	9,737	6.84 %	15,326,405	13.45 %
Wholesale	2	— %	1,303,539	1.14 %
Total	142,268	100.00 %	\$ 113,961,589	100.00 %
2023				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	643	0.46 %	\$ 2,694,166	2.52 %
Residential metered	123,129	87.81 %	76,537,384	71.46 %
Commercial metered	7,079	5.05 %	12,736,096	11.89 %
Other ⁽²⁾	9,370	6.68 %	13,914,208	12.99 %
Wholesale	2	— %	1,216,727	1.14 %
Total	140,223	100.00 %	\$ 107,098,581	100.00 %
2022				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	645	0.45 %	\$ 2,730,559	2.52 %
Residential metered	121,307	87.81 %	77,184,825	71.35 %
Commercial metered	7,027	5.09 %	12,587,162	11.64 %
Other ⁽²⁾	9,183	6.65 %	14,408,203	13.32 %
Wholesale	2	— %	1,262,221	1.17 %
Total	138,164	100.00 %	\$ 108,172,970	100.00 %
2021				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	673	0.51 %	\$ 2,423,033	2.21 %
Residential metered	120,074	91.45 %	79,124,628	72.05 %
Commercial metered	10,545	8.03 %	12,041,548	10.96 %
Other ⁽²⁾	2	— %	14,950,021	13.61 %
Wholesale	2	— %	1,283,606	1.17 %
Total	131,296	100.00 %	\$ 109,822,836	100.00 %
2020				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	652	0.51 %	\$ 2,571,216	2.51 %
Residential metered	116,104	91.40 %	73,295,343	71.52 %
Commercial metered	10,262	8.08 %	11,888,963	11.60 %
Other ⁽²⁾	2	— %	13,457,574	13.13 %
Wholesale	2	— %	1,273,982	1.24 %
Total	127,022	100.00 %	\$ 102,487,078	100.00 %

Truckee Meadows Water Authority
Schedule No. 13 - Customer and Water Sales by Category
Last Ten Fiscal Years

2019				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	663	0.54 %	\$ 2,558,779	2.51 %
Residential metered	113,934	91.32 %	71,651,437	70.41 %
Commercial metered	10,161	8.14 %	12,807,427	12.58 %
Other ⁽²⁾	2	— %	13,509,567	13.27 %
Wholesale	2	— %	1,249,439	1.23 %
Total	124,762	100.00 %	\$ 101,776,649	100.00 %
2018				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	672	0.55 %	\$ 2,505,172	2.62 %
Residential metered	111,963	91.27 %	67,393,672	70.59 %
Commercial metered	10,038	8.18 %	12,238,940	12.82 %
Other ⁽²⁾	2	— %	12,169,406	12.75 %
Wholesale	2	— %	1,165,607	1.22 %
Total	122,677	100.00 %	\$ 95,472,797	100.00 %
2017				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	695	0.58 %	\$ 2,446,144	2.64 %
Residential metered	109,939	91.18 %	65,829,635	71.01 %
Commercial metered	9,931	8.24 %	11,369,179	12.27 %
Other ⁽²⁾	2	— %	11,887,395	12.83 %
Wholesale	2	— %	1,154,907	1.25 %
Total	120,569	100.00 %	\$ 92,687,260	100.00 %
2016				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	2,062	1.74 %	\$ 3,725,916	4.26 %
Residential metered	106,730	89.94 %	60,198,267	68.76 %
Commercial metered	9,873	8.32 %	11,026,132	12.60 %
Other ⁽²⁾	3	— %	11,554,063	13.20 %
Wholesale	1	— %	1,029,954	1.18 %
Total	118,669	100.00 %	\$ 87,534,332	100.00 %
2015*				
Category	Average Number of Service Connections	% of Total Connections	Fiscal Year Water Revenues ⁽¹⁾	% of Total Revenues
Residential unmetered	6,224	5.15 %	\$ 9,366,307	10.87 %
Residential metered	100,446	83.12 %	51,796,871	60.09 %
Commercial metered	9,648	7.98 %	11,339,953	13.16 %
Other ⁽²⁾	4,528	3.75 %	11,123,168	12.91 %
Wholesale	2	— %	2,560,399	2.97 %
Total	120,848	100.00 %	\$ 86,186,698	100.00 %

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

⁽¹⁾ Water Revenues are revenues that are billed and estimated for the fiscal year periods. Estimated revenues are revenues for water deliveries just prior to fiscal year end that are unbilled until July of the next fiscal year.

⁽²⁾ Includes non metered private fire protection services located on the premises of commercial and some residential customers.

Truckee Meadows Water Authority
 Schedule No. 14 - Schedule of Insurance Coverage
 June 30, 2024

Coverage	Carrier/Policy	Term	Limits/Deductible
Property/Boiler and Machinery Policy	America Home Assurance Company (AIG)	6/11/2023 to 6/11/2024	Blanket limit of \$250,000,000 per occurrence with sub-limits of \$50,000,000 for Earth Movement (excluding CA properties) and \$10,000,000 for flood (excluding Glendale plant). Equipment Breakdown \$100,000,000. Deductibles for Tanks, Wells and Booster Pump Stations are \$1,000,000 per occurrence. Deductibles for flood and earth movement are \$100,000 per occurrence for each location; general policy deductible is \$100,000.
General Liability and Business Automobile Policy	Philadelphia Indemnity Insurance Company	6/11/2023 to 6/11/2024	First \$1,000,000 in liability limits. General Liability Aggregate limit of \$3,000,000. Inland Marine Physical Damage \$979,730. General liability deductible of \$25,000 per occurrence. Auto Physical Damage deductible of \$1,000.
Excess Umbrella Liability Policy	Philadelphia Indemnity Insurance Company	6/11/2023 to 6/11/2024	First Layer Excess Liability limit of \$10,000,000.
Excess Umbrella Liability Policy	Travelers Insurance Company	6/11/2023 to 6/11/2024	Second Layer Excess Liability limit of \$10,000,000.
Workers' Compensation	Berkshire Hathaway Homestate Companies	6/11/2023 to 6/11/2024	Fully insured for statutory limits under Workers' Compensation with no deductible. Policy also provides \$1,000,000 limit for Employer's Liability.
Employee Health Insurance	By contract with the City of Reno's health insurance programs	6/11/2023 to 6/11/2024	Varies by plan selected.
Commercial Crime/ Government Crime	Fidelity & Deposit Company of Maryland	6/11/2023 to 6/11/2024	Employee Theft/Forgery or Alteration Computer Fraud/ Funds Transfer Fraud \$3,000,000 per loss. Employee Theft including expenses, Inside/Outside Premises Money and Securities, Robbery or Safe Burglary, Money Orders, Counterfeit Currency, Credit Card Forgery, Faithful Performance \$1,000,000.
Commercial Crime/ Government Crime	Zurich	6/11/2023 to 6/11/2024	Fraudulent Impersonation \$250,000.
Network Security/ Cyber Risk	Travelers Insurance Company	6/11/2023 to 6/11/2024	Media, Privacy and Security, Regulatory Proceedings, Payment Card Costs, Privacy Breach, Computer and Legal Experts, Cyber Extortion, System Failure Coverage, Betterment, Social Engineering Fraud and Telecom Fraud.
Kidnap and Ransom	National Union Fire Insurance Company	6/11/2022 to 6/11/2025	Ransom, In-Transit Delivery, Expenses, Judgements, Settlements, and Defense \$3,000,000 Death or Dismemberment \$250,000/\$1,250,000 person/event. Disappearance/Threat \$100,000, Hostage Crisis \$500,000.

Truckee Meadows Water Authority
 Schedule No. 15 - Authorized Full-Time Equivalent Employees by Department ⁽¹⁾
 Last Ten Fiscal Years ⁽²⁾

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Administration/IT	49	46	38	32	33	30	28	25	28	22
Supply/Treatment Operations	49	48	48	48	48	44	40	40	32	30
Distribution Maintenance	88	78	78	72	71	71	65	65	63	62
Hydroelectric	8	8	8	7	8	7	7	7	6	6
Customer Service/Conservation	22	22	22	23	26	23	23	25	25	24
Water Planning/Resources	19	19	19	19	15	15	15	17	19	19
Engineering/Construction	38	33	31	30	30	31	28	25	24	23
Total Authorized Employees	273	254	244	231	231	221	206	204	197	186

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

⁽¹⁾ Source - Truckee Meadows Water Authority Budget

⁽²⁾ The number of employees shown are approved full-time equivalent positions. Actual employee numbers may be less if there are vacant positions at year-end.

Truckee Meadows Water Authority
Schedule No. 16 - Current and Historical Water Rates
Last Five Fiscal Years

Fiscal Year															
2024			2023			2022			2021			2020			
TMWA	WC	STMGID	TMWA	WC	STMGID	TMWA	WC	STMGID	TMWA	WC	STMGID	TMWA	WC	STMGID	

Customer Charges by Meter Size

3/4"	\$ 22.13	\$ 20.81	\$ 11.33	\$ 21.18	\$ 19.91	\$ 10.84	\$ 20.66	\$ 19.42	\$ 10.58	\$ 20.16	\$ 18.95	\$ 10.32	\$ 19.67	\$ 18.49	\$ 10.07
1"	24.35	26.76	13.87	23.30	25.61	13.27	22.73	24.99	12.95	22.18	24.38	12.63	21.64	23.79	12.32
1 1/2"	27.70	38.28	19.67	26.51	36.63	18.82	25.86	35.74	18.36	25.23	34.87	17.91	24.61	34.02	17.47
2"	32.11	51.04	n/a	30.73	48.84	n/a	29.98	47.65	n/a	29.25	46.49	n/a	28.54	45.36	n/a
3"	36.52	82.20	n/a	34.95	78.66	n/a	34.10	76.74	n/a	33.27	74.87	n/a	32.46	73.04	n/a
4"	42.02	120.38	n/a	40.21	115.20	n/a	39.23	112.39	n/a	38.27	109.65	n/a	37.34	106.98	n/a
6"	48.71	219.50	n/a	46.61	210.05	n/a	45.47	204.93	n/a	44.36	199.93	n/a	43.28	195.05	n/a

Commodity Charge (all meter sizes)

TMWA Tier 1	2.06			1.97			1.92			1.87			1.82		
TMWA Tier 2	3.32			3.18			3.10			3.02			2.95		
TMWA Tier 3	3.89			3.72			3.63			3.54			3.45		
WC Tier 1		3.12			2.99			2.92			2.85			2.78	
WC Tier 2		3.91			3.74			3.65			3.56			3.47	
WC Tier 3		4.69			4.49			4.38			4.27			4.17	
WC Tier 4		6.27			6.00			5.85			5.71			5.57	
STMGID Tier 1			1.63			1.56			1.52			1.48			1.44
STMGID Tier 2			2.15			2.06			2.01			1.96			1.91
STMGID Tier 3			2.63			2.52			2.46			2.40			2.34
STMGID Tier 4			3.08			2.95			2.88			2.81			2.74
STMGID Tier 5			3.26			3.12			3.04			2.97			2.90

Above rates are for metered single family residential service.

Monthly Base Rates Unmetered by Size

3/4"	n/a	n/a	53.62	n/a	n/a	51.31	n/a	n/a	50.06	n/a	n/a	48.84	n/a	n/a	47.65
1"	n/a	n/a	53.62	n/a	n/a	51.31	n/a	n/a	50.06	n/a	n/a	48.84	n/a	n/a	47.65
1 1/2"	n/a	n/a	53.62	n/a	n/a	51.31	n/a	n/a	50.06	n/a	n/a	48.84	n/a	n/a	47.65
2"	n/a	n/a	53.62	n/a	n/a	51.31	n/a	n/a	50.06	n/a	n/a	48.84	n/a	n/a	47.65
3"	n/a	n/a	53.62	n/a	n/a	51.31	n/a	n/a	50.06	n/a	n/a	48.84	n/a	n/a	47.65
4"	n/a	n/a	53.62	n/a	n/a	51.31	n/a	n/a	50.06	n/a	n/a	48.84	n/a	n/a	47.65
6"	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Above rates are for unmetered single family residential service.

TMWA rates took effect on June 11, 2001, and were revised effective May 2009, May 2010, February 2012, February 2014, June 2016, May 2017, May 2018, June 2021, June 2022, June 2023 and May 2024.

Truckee Meadows Water Authority
 Schedule No. 17 - Selected Operating and Capital Indicators
 Last Ten Fiscal Years

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Miles of water mains	2,123	2,109	2,095	2,064	2,048	2,019	1,986	1,961	1,940	1,915
Number of storage tanks	97	97	97	96	95	95	93	93	93	93
Number of finished water storage basins	2	2	2	2	2	2	2	2	2	2
Number of pump stations	118	118	117	115	115	114	113	113	121	112
Number of wells	98	98	100	99	99	100	82	81	79	86
Treatment capacity (millions of gallons/day)										
Chalk Bluff	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	95.00
Glendale	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	37.50
Mt. Rose	4.00	4.00	4.00	—	—	—	—	—	—	—
Lightning W	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
Truckee Canyon	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Truckee Meadows Water Authority
 Schedule No. 18 - Schedule of Changes in Debt
 Last Ten Fiscal Years

	Final Maturity Date	Authorized	Balance	Balance	Balance	Balance	Balance	Balance	Balance	Balance	Balance	Balance
			June 30, 2024	June 30, 2023	June 30, 2022	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015*
2005 Water Revenue DWSRF (Tax Exempt) Bonds 3.21%	1/1/2025	\$ 4,669,565	\$ 328,757	\$ 647,209	\$ 955,680	\$ 1,254,482	\$ 1,543,918	\$ 1,824,283	\$ 2,095,861	\$ 2,358,926	\$ 2,613,744	\$ 2,860,578
2005 A Water Revenue (Tax Exempt) Bonds 4.25%-5.00%	7/1/2036	40,000,000	—	—	—	—	—	—	—	—	—	890,000
2006 Water Revenue (Tax Exempt) Refunding Bonds 3.50%-4.875%	7/1/2034	150,745,000	—	—	—	—	—	—	—	—	400,000	148,415,000
2007 Water Revenue (Tax Exempt) Refunding Bonds 4.00%-5.00%	7/1/2030	218,975,000	—	—	—	—	—	—	—	—	214,290,000	214,800,000
2009 A Water Revenue DWSRF ARRA (Tax Exempt) Bonds 0%	7/1/2029	2,401,120	680,177	803,846	927,515	1,051,184	1,174,853	1,298,522	1,422,190	1,545,859	1,669,527	1,793,196
2010 Water Revenue (Tax Exempt) Refunding Bonds 5.00%	7/1/2015	28,240,000	—	—	—	—	—	—	—	—	—	9,435,000
2010 A Water Revenue DWSRF (Tax Exempt) Bonds 3.25%	1/1/2030	4,381,614	1,826,407	2,097,916	2,360,812	2,615,367	2,861,847	3,100,507	3,331,595	3,555,353	3,772,013	3,981,798
2014 Water Revenue DWSRF (Tax Exempt) Bonds 2.81%	1/1/2025	9,109,437	987,025	1,946,888	2,880,336	3,788,098	4,670,879	5,529,367	6,364,231	7,176,120	7,965,667	8,733,487
2015-A Water Revenue (Tax Exempt) Refunding Bonds 2.00%-5.00%	7/1/2036	28,750,000	9,645,000	22,240,000	23,295,000	24,290,000	25,260,000	26,185,000	27,070,000	27,920,000	28,750,000	28,750,000
2015-B Water Revenue DWSRF (Tax Exempt) Bonds 2.62%	7/1/2035	15,000,000	6,072,253	6,519,338	6,954,935	7,379,340	7,792,841	8,195,717	8,589,045	8,971,562	8,239,034	—
2016 Water Revenue (Tax Exempt) Refunding Bonds 5.00%	7/1/2037	124,790,000	66,445,000	124,790,000	124,790,000	124,790,000	124,790,000	124,790,000	124,790,000	124,790,000	124,790,000	—
2017 Water Revenue (Tax Exempt) Refunding Bonds 4.00%-5.00%	7/1/2030	147,415,000	102,590,000	114,725,000	126,285,000	136,880,000	147,415,000	147,415,000	147,415,000	147,415,000	—	—
2018 Water Revenue (Tax Exempt) Refunding Bonds 5.00%	7/1/2039	38,835,000	38,835,000	38,835,000	38,835,000	38,835,000	38,835,000	38,835,000	38,835,000	—	—	—
2021 Water Revenue (Tax Exempt) Refunding Bonds 1.19%	6/1/2028	13,000,000	7,565,000	9,400,000	11,215,000	13,000,000	—	—	—	—	—	—
2024 Water Revenue (Tax Exempt) Bonds 5.00%	7/1/2036	61,530,000	61,530,000	—	—	—	—	—	—	—	—	—
Subtotal			296,504,619	322,005,197	338,499,278	353,883,471	354,344,338	357,173,396	359,912,922	323,732,820	392,489,985	419,659,059
Plus unamortized net bond premium			31,399,414	29,146,578	33,350,078	37,790,068	42,447,151	47,320,705	52,014,598	51,182,862	28,441,399	3,673,290
Total debt before tax exempt commercial paper			327,904,033	351,151,775	371,849,356	391,673,539	396,791,489	404,494,101	411,927,520	374,915,682	420,931,384	423,332,349
Tax-Exempt Commercial Paper		\$ 53,600,000	—	—	—	—	16,000,000	23,500,000	30,000,000	83,400,000	87,800,000	95,000,000
Total Debt			<u>\$ 327,904,033</u>	<u>\$ 351,151,775</u>	<u>\$ 371,849,356</u>	<u>\$ 391,673,539</u>	<u>\$ 412,791,489</u>	<u>\$ 427,994,101</u>	<u>\$ 441,927,520</u>	<u>\$ 458,315,682</u>	<u>\$ 508,731,384</u>	<u>\$ 518,332,349</u>

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Truckee Meadows Water Authority
Schedule No. 19 - Debt by Service Connection
Last Ten Fiscal Years

	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015*
Total Debt	\$ 327,904,033	\$ 351,151,775	\$ 371,849,356	\$ 391,673,539	\$ 412,791,489	\$ 427,994,101	\$ 441,927,520	\$ 458,315,682	\$ 508,731,384	\$ 518,332,349
Total Service Connections	136,210	134,435	132,513	128,988	127,977	125,911	123,845	121,572	119,772	114,529
Debt per Service Connection	<u>\$ 2,407</u>	<u>\$ 2,612</u>	<u>\$ 2,806</u>	<u>\$ 3,037</u>	<u>\$ 3,226</u>	<u>\$ 3,399</u>	<u>\$ 3,568</u>	<u>\$ 3,770</u>	<u>\$ 4,247</u>	<u>\$ 4,526</u>

Note: Service Connections include residential, commercial and irrigation connections only. Fire protection and wholesale connections have been excluded.

* Fiscal Year 2015 reflects the first year of the water utility consolidation as discussed in Note 1 of the Financial Statements.

Compliance Section
Truckee Meadows Water Authority



**Independent Auditor’s Report on Internal Control over Financial Reporting and on
Compliance and Other Matters Based on an Audit of Financial Statements
Performed in Accordance with *Government Auditing Standards***

To the Board of Directors
Truckee Meadows Water Authority
Reno, Nevada

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*), the financial statements of the business-type activities and the fiduciary activities of the Truckee Meadows Water Authority (“TMWA”), as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise TMWA’s basic financial statements, and have issued our report thereon dated November 26, 2024.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered TMWA's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of TMWA’s internal control. Accordingly, we do not express an opinion on the effectiveness of TMWA’s internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity’s financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that have not been identified. We identified a certain deficiency in internal control, described in the accompanying Schedule of Findings and Questioned Costs as item 2024-001 that we consider to be a material weakness.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether TMWA's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Truckee Meadows Water Authority's Response to Findings

Government Auditing Standards requires the auditor to perform limited procedures on TMWA's response to the findings identified in our audit and described in the accompanying Schedule of Findings and Questioned Costs. TMWA's response was not subjected to the other auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on the response.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering TMWA's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Reno, Nevada
November 26, 2024



**Independent Auditor’s Report on Compliance for the Major Federal Program;
Report on Internal Control Over Compliance Required by the Uniform Guidance**

To the Board of Directors
Truckee Meadows Water Authority
Reno, Nevada

Report on Compliance for the Major Federal Program

Opinion on the Major Federal Program

We have audited Truckee Meadows Water Authority’s (“TMWA”) compliance with the types of compliance requirements identified as subject to audit in the OMB Compliance Supplement that could have a direct and material effect on the TMWA’s major federal program for the year ended June 30, 2024. TMWA’s major federal program is identified in the summary of auditor’s results section of the accompanying schedule of findings and questioned costs.

In our opinion, TMWA complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on its major federal program for the year ended June 30, 2024.

Basis for Opinion on the Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States (Government Auditing Standards); and the audit requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditor’s Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of TMWA and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for the major federal program. Our audit does not provide a legal determination of TMWA’s compliance with the compliance requirements referred to above.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to TMWA's federal program.

Auditor's Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on TMWA's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about TMWA's compliance with the requirements of the major federal program as a whole.

In performing an audit in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding TMWA's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of TMWA's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of TMWA's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Report on Internal Control over Compliance

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance

requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance. We did not note any deficiencies in control over compliance.

Our consideration of internal control over compliance was for the limited purpose described in the Auditor's Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

The image shows a handwritten signature in black ink that reads "Eide Bailly LLP". The signature is written in a cursive, professional style.

Reno, Nevada
November 26, 2024



Auditor's Comments

To the Board of Directors
Truckee Meadows Water Authority
Reno, Nevada

In connection with our audit of the financial statements of the Truckee Meadows Water Authority ("TMWA") as of and for the year ended June 30, 2024, and the related notes to the financial statements, nothing came to our attention that caused us to believe that TMWA failed to comply with the specific requirements of Nevada Revised Statutes cited below. However, our audit was not directed primarily toward obtaining knowledge of such noncompliance. Accordingly, had we performed additional procedures, other matters may have come to our attention regarding TMWA's noncompliance with the requirements of Nevada Revised Statutes cited below, insofar as they relate to accounting matters.

Current Year Statute Compliance

The required disclosure on compliance with Nevada Revised Statutes and the Nevada Administrative Code is contained in Note 2 to the financial statements.

Progress on Prior Year Statute Compliance

There were no potential statute violations reported in the June 30, 2023 audit report.

Prior Year Recommendations

There were no findings for the year ended June 30, 2023.

Current Year Recommendations

See item noted in the schedule of Findings and Questioned Costs.

A handwritten signature in black ink that reads "Eide Bailly LLP".

Reno, Nevada
November 26, 2024

Truckee Meadows Water Authority
 Schedule of Expenditures of Federal Awards
 Year Ended June 30, 2024

[Table of Contents](#)

<u>Federal Grantor/Pass-Through Grantor/Program or Cluster Title</u>	<u>Federal Financial Assistance Listing Number</u>	<u>Award or Pass-Through Entity Identifying Number</u>	<u>Expenditures</u>	<u>Payments to Subrecipients</u>
<u>U.S. Department of Homeland Security (DHS):</u>				
Passed through Nevada Department of Public Safety Division of Emergency Management:				
Disaster Grants - Public Assistance (Presidentially Declared Disasters)	97.036	TMWAC04	\$ 110,162	\$ —
Disaster Grants - Public Assistance (Presidentially Declared Disasters)	97.036	671979	177,548	—
Total U.S. Department of Homeland Security			287,710	—
<u>U.S. Department of the Treasury:</u>				
Passed through Nevada Department of Conservation and Natural Resources				
COVID-19: Coronavirus State and Local Fiscal Recovery Funds	21.027	ARPA00849	9,371,195	—
Total U.S. Department of the Treasury			9,371,195	—
Total Federal Financial Assistance			<u>\$ 9,658,905</u>	<u>\$ —</u>

Truckee Meadows Water Authority

Notes to Expenditures of Federal Awards

June 30, 2024

Note 1 - Basis of Presentation

The accompanying schedule of expenditures of federal awards (Schedule) includes the federal award activity of the Truckee Meadows Water Authority (TMWA) under programs of the federal government for the year ended June 30, 2024. The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of TMWA, it is not intended to and does not present the financial position, changes in net position, or cash flows of TMWA.

Note 2 - Summary of Significant Accounting Policies

Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement.

Note 3 - Indirect Cost Rate

TMWA has not elected to use the 10-percent de minimis indirect cost rate allowed under the Uniform Guidance.

Truckee Meadows Water Authority
Schedule of Findings and Questioned Costs
Year Ended June 30, 2024

Section I – Summary of Auditor’s Results

Financial Statements

Type of auditor’s report issued:	Unmodified
Internal control over financial reporting:	
Material weakness(es) identified?	Yes
Significant deficiency(ies) identified that are not considered to be material weaknesses?	None noted
Noncompliance material to financial statements noted?	No

Federal Awards

Internal control over major programs:	
Material weakness(es) identified?	No
Significant deficiency(ies) identified that are not considered to be material weaknesses?	None reported
Type of auditor’s report issued on compliance for major programs:	Unmodified
Any audit findings disclosed that are required to be reported in accordance with section 200.516 of the Uniform Guidance?	No

Identification of Major Program:

<u>Name of Federal Program</u>	<u>Federal Financial Assistance Listing</u>
Coronavirus State and Local Fiscal Recovery Funds	21.027
Dollar threshold used to distinguish between type A and type B programs:	\$750,000
Auditee qualified as low-risk auditee?	No

Section II – Financial Statement Findings**2024-001: Restricted Net Position and Sinking Funds
Material Weakness in Internal Control**

Criteria: Management is responsible for establishing and maintaining an effective system of internal control over financial statement reporting. One of the components of an effective system of internal control over financial reporting is the proper recording of net position. GASB Statement No. 63, *Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position*, provides the accounting treatment of net position. Net position is displayed in three components: net investment in capital assets, restricted (distinguishing between major categories of restrictions), and unrestricted.

In addition, the GASB Implementation Guide 2015-1 states, in part, “if the government has established a sinking fund to accumulate cash to pay off the debt at maturity, the accrued interest would be included in (reduce) the same component of net position as the sinking fund resources.”

Condition: Truckee Meadows Water Authority (“TMWA”) had a certain classification error in the calculation of restricted net position where accrued interest was not recorded as an offset to amounts restricted for debt service.

Cause: TMWA did not have adequate internal controls to ensure accrued interest was included in the calculation of net position restricted for debt service.

Effect: Adjustments were made to reduce net position restricted for debt service and reclassify amounts to unrestricted net position for the years ended June 30, 2024 and 2023.

Recommendation: We recommend TMWA enhance internal controls to ensure restricted net position is properly calculated.

*Views of Responsible
Officials:*

Truckee Meadows Water Authority agrees with this finding.

Financial Statement Findings

Finding 2024-001

Finding Summary: Truckee Meadows Water Authority had a certain classification error in the calculation of restricted net position where accrued interest was not recorded as an offset to amounts restricted for debt service.

Corrective Action Plan: Truckee Meadows Water Authority has updated its calculation for net position restricted for debt service and will adhere to this calculation going forward.

Responsible Individuals: Sophia Cardinal, Financial Controller
Matt Bowman, Chief Financial Officer

Completion Date: November 2024



**Truckee Meadows
Water Authority**

Quality. Delivered.

12-12-24 BOARD Agenda Item 8
Attachment 3

2024

**Popular Annual
Financial Report**



This Popular Annual Financial Report is based on accounting standards and audited information that is fully represented in TMWA's Annual Comprehensive Financial Report, which can be found at tmwa.com/financial-information.



To Our Customers

On behalf of Truckee Meadows Water Authority (TMWA), thank you for your interest in TMWA's finances. This Popular Annual Financial Report (PAFR) was created with customers in mind, to deliver our financial standing with transparency and to provide insights into our operations that we think you will find interesting and timely.

The following pages provide a highly visual financial summary of fiscal year 2024 (which ran from July 2023 – June 2024). The PAFR is based on the Annual Comprehensive Financial Report (ACFR), a robust report produced annually through an external independent audit. The ACFR includes detailed accounting, providing a much deeper look into TMWA's finances than this overview document. The technical reporting found in the ACFR can be reviewed [on TMWA's website](#).

A key action of fiscal year 2024 was the approval of a rate plan which includes rate increases for fiscal years 2024, 2025, and 2026. Rate increases at TMWA are scrutinized by not only our staff and leadership, but also by our Board of Directors, which is comprised of elected representatives from the City of Reno, City of Sparks, and Washoe County.

Unfortunately, in recent years, expenses such as electric power and water treatment chemicals have increased significantly, primarily due to inflation. Simply put, TMWA's expenses have increased at a higher rate than TMWA's revenues. The approved rate adjustments provided needed financial stability. You can read more about TMWA's rate adjustment approach and schedule on page 6.

This report also shares several ways TMWA works to increase efficiencies and reduce costs to keep rate adjustments as low as possible.

TMWA's staff is driven by a sense of service to this community, because we live here too and understand the connection water has to our quality of life. We are your locally owned water company, and we are here to answer any questions you have about what you see in this report.

Sincerely,



Matt Bowman
Chief Financial Officer
Truckee Meadows Water Authority

Truckee Meadows Water Authority’s Board of Directors: Multi-Jurisdictional Governing Board

TMWA is a community-owned water utility. Its Board of Directors is comprised of seven elected officials and citizen appointees from Reno, Sparks, and Washoe County. TMWA has no financial interdependence with any of its governing municipalities.

Leadership positions for TMWA’s Board are selected each year through a Board Directors’ vote. For Fiscal Year 2025, Naomi Duerr was elected to serve as Chair with Clara Andriola chosen as Vice Chair. Both terms began on July 1, 2024.

While representing each jurisdiction, board members collectively make policy decisions and issue directives with a regional perspective. This leadership body oversees TMWA’s ongoing mission to provide exceptional, high-quality drinking water to residents throughout the Truckee Meadows.



Kristopher Dahir
Chair
City of Sparks
Council Member



Naomi Duerr
Vice Chair
City of Reno
Council Member



Alexis Hill
Director
Washoe County
Commissioner



Clara Andriola
Director
Washoe County
Commissioner



Devon Reese
Director
City of Reno
Council Member



Jenny Brekhus
Director
City of Reno
Council Member



Paul Anderson
Director
City of Sparks
Council Member

Senior Management

John Zimmerman

General Manager

Danny Rotter

Assistant General Manager and
Director of Engineering

Matt Bowman

Chief Financial Officer

Andy Gebhardt

Director of Distribution,
Maintenance, and Generation

Jessica Atkinson

Director of Human Resources

Nathan Allen

Director of Natural Resources

Sean Feeney

Director of Technology

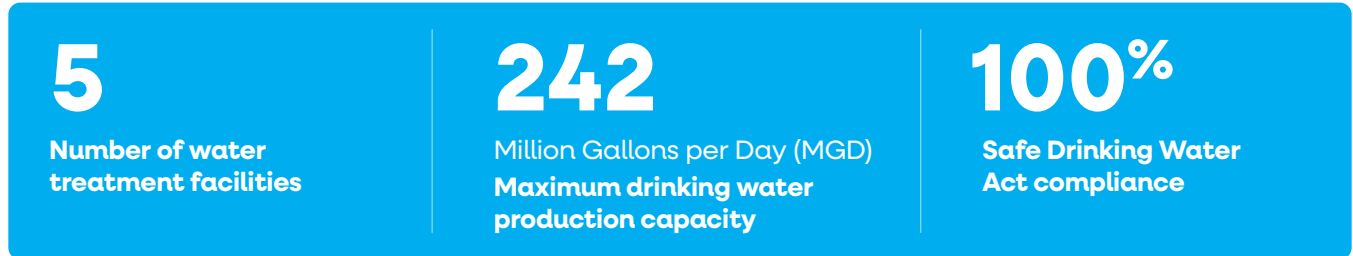
Will Raymond

Director of Operations
and Water Quality

Your Water Authority

TMWA provides drinking water to over 450,000 residents in Reno, Sparks, and Washoe County – a service area that stretches 169 square miles. The primary source of water is the Truckee River, which flows from Lake Tahoe and other tributaries upstream of the Truckee Meadows.

Water delivery



Who we serve



Assets



FY 2024 performance



Financial ratings



Understanding Planned Rate Increases

TMWA’s leadership and its Board of Directors are always focused on ensuring water rates stay as low as possible. This is done by optimizing operational efficiencies such as using hydroelectric power to offset energy costs, extending the useful lifecycle of assets, and diligent fiscal management.

Yet, due to rising operational costs over the past several years, TMWA’s financial approach required adjustment. To protect TMWA’s financial health, a multi-year rate adjustment proposal was evaluated in Fall 2023. After reviewing several scenarios, the least impactful increase that could meet TMWA’s financial requirements was identified.

This proposal was presented to the public through several meetings held at locations throughout the community. In January 2024, TMWA’s Board of Directors approved a rate increase schedule paired with a more predictable method for future rate adjustments.

This schedule started in June 2024 and includes rate increases annually over three years. **By the end of this three-year period in June 2026, residential bills will have increased by an average of \$3.45 per month in the winter and \$7.11 per month in the summer.**

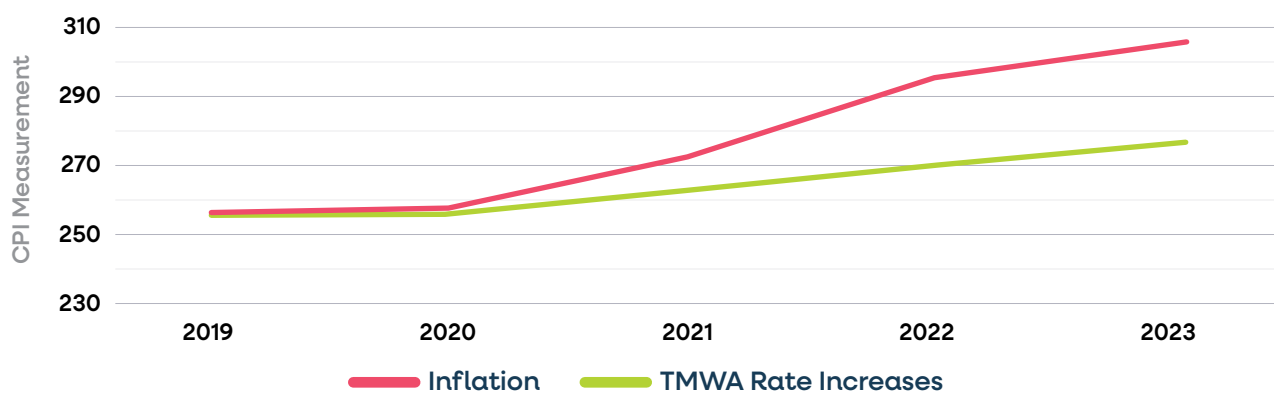
After this, proposed increases will be guided by the [Consumer Price Index for All Urban Consumers](#) (or CPI-U). This common tool for measuring inflation offers more transparency and predictability when it comes to projecting how TMWA might increase rates in the future. It will be used only as a guide for proposed future rate increases, because any rate increase will still require the Board of Directors’ approval.

2024 – 2026 Rate Increases Per Customer Bill

Rate Increase	FY 2024		FY 2025		FY 2026		Total	
	4.50%		4.00%		3.50%			
Season	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer
Residential	\$1.24	\$2.56	\$1.16	\$2.38	\$1.05	\$2.17	\$3.45	\$7.11
Multi-Family	\$2.09	\$2.80	\$1.94	\$2.60	\$1.77	\$2.36	\$5.80	\$7.76
Commercial	\$1.49	\$2.46	\$1.38	\$2.28	\$1.26	\$2.08	\$4.13	\$6.81

Graph note: The average cost of drinking water for TMWA customers is \$49.83 per month.

How Inflation Outpaced TMWA’s Water Rates from 2019 – 2023





Rosewood Nature Study Area

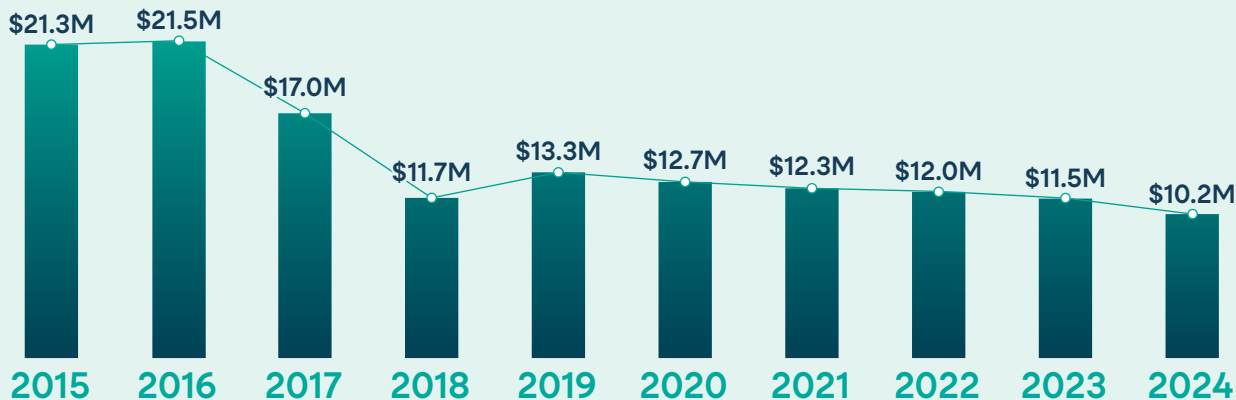
Meeting Our Obligations

By issuing bonds to purchase Sierra Pacific Power Company’s water business in 2001, TMWA became responsible for a debt repayment of \$452 million. This important investment secured permanent local control of our water resources. TMWA’s diligent, strategic management of its financial obligations since its founding is one of the primary reasons why Moody’s, S&P, and Fitch assign high ratings to TMWA.

This disciplined approach has been successful. As of June 30, 2024, TMWA’s total outstanding debt was \$328 million. Over the past decade, TMWA has reduced interest expense by 53% and has reduced outstanding principal on its debt by \$179 million.

An important aspect of this pay-down strategy has been accomplished through the refunding of older bonds and issuance of new bonds at lower interest rates, when favorable market conditions exist. Proactive approaches like this have helped strengthen TMWA’s financial ratings, while also paying off debt faster.

TMWA’s Reduced Interest Expense Over the Past 10 Years



Cash Optimization Strategy Reduces TMWA’s Long-Term Debt; Saving \$12.1 Million

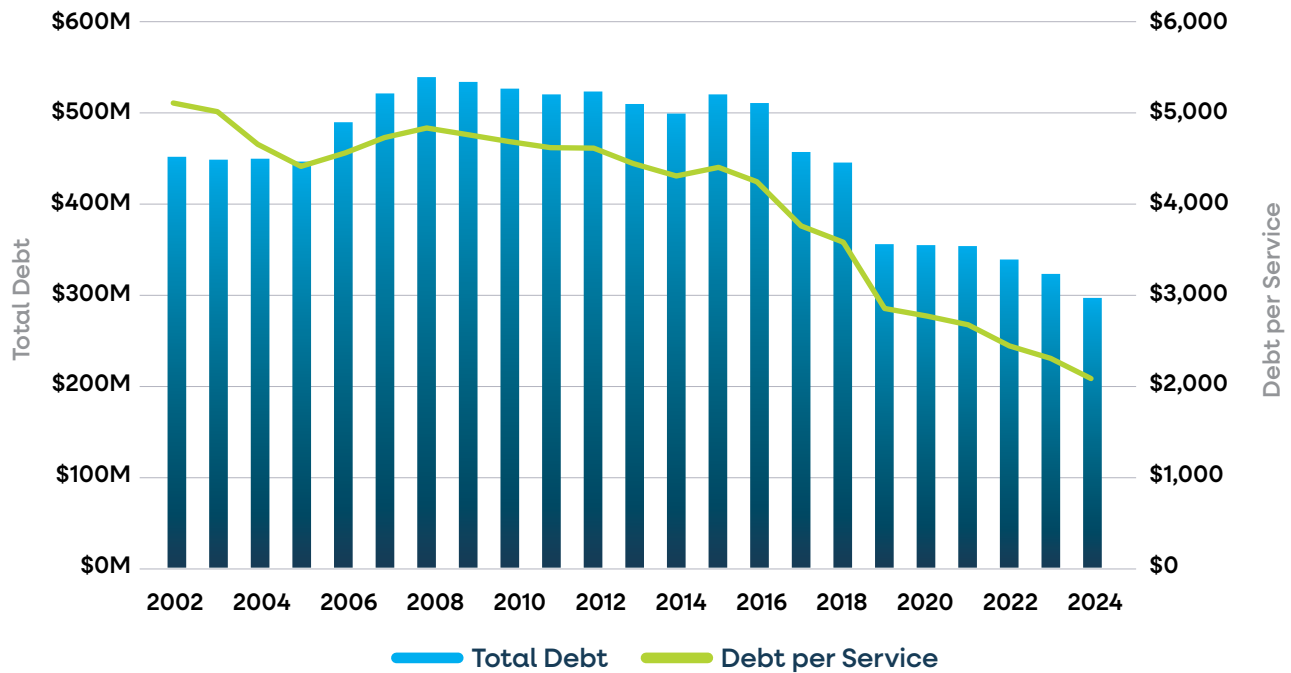
In Fall 2023, TMWA’s financial team identified up to \$75M of existing debt at interest rates that could be reduced as a part of TMWA’s ongoing debt management strategy. Unlike a refunding of bonds, which occurs instantaneously, this strategy required TMWA to pay off the existing debt by issuing new debt at a lower interest rate through two separate transactions.

This unconventional strategy was required because the existing bonds had not reached their repayment date and were not yet callable. Accordingly, the issuance of new debt was carefully timed and executed. On December 20, 2023, TMWA successfully repaid \$69.8M in outstanding debt using existing cash reserves. Then on January 4, 2024, TMWA purchased bonds with underwriters Wells Fargo and Loop Capital at a principal amount of \$61.5M. Both the timing and pricing were extremely favorable for TMWA, resulting in a \$12.1M reduction of its debt-interest burden.

This cash optimization strategy was thoroughly analyzed by TMWA’s external financial advisor (PFM) and TMWA’s bond council (Sherman & Howard). Details regarding the transaction were initially reviewed by TMWA’s Board of Directors on August 16, 2023, and then approved on September 20, 2023.

An overview of the financial analysis for this transaction can be found by accessing the [TMWA Board of Directors agenda packet](#) for January 18, 2024.

Total Debt and Debt per Service Connection



From a TMWA customer perspective, the debt per service connection has decreased 58.4% since the utility was formed in 2001. The debt per service connection in 2002 was \$5,009; in 2024 it was \$2,084

Where TMWA Stands

TMWA stands tall within the hierarchy of credit ratings categories. The table below demonstrates TMWA's financial position, according to the top three rating agencies in the United States.

Bond Rating			Rating Category
FITCH	MOODY'S	S&P	
✓ AAA	Aaa	AAA	✓ PRIME
AA+	Aa1	✓ AA+	✓ HIGH GRADE
AA	✓ Aa2	AA	
AA-	Aa3	AA-	
A+	A1	A+	UPPER MEDIUM GRADE
A	A2	A	
A-	A3	B	
B +/-	Baa 1 2 3	BBB +/-	LOWER MEDIUM GRADE

Bond ratings are expressed as letters ranging from “AAA” or “Aaa” which is the highest grade, to “D” (“junk”), which is the lowest grade. Different rating services use the same letter grades but use various combinations of uppercase and lowercase letters to differentiate themselves.

Factors That Led to TMWA's AAA Bond Designation From Fitch Ratings Include:

Very Low Operating Cost Burden and Manageable Capital Needs



TMWA has a ‘very low and quite stable’ operational cost burden. Projected infrastructure investments are expected to outpace the depreciation of existing assets, ensuring the necessary improvements are planned to appropriately maintain TMWA's water system infrastructure.

Affordable Rates and Strong Local Economy



TMWA has the ability to determine rates and makes them affordable. Further, the economy of TMWA's service territory is stable, as evidenced by steady growth, diversification, and low unemployment in the Truckee Meadows over the last decade.

Financial Performance with Reductions in Debt



TMWA's financial profile is considered ‘exceptionally strong’¹ with performance that has historically exceeded market expectation. TMWA's debt reductions have ensured financial flexibility and strong liquidity.

¹Source: [Fitch Upgrades Truckee Meadows Water Authority to 'AAA'](#)

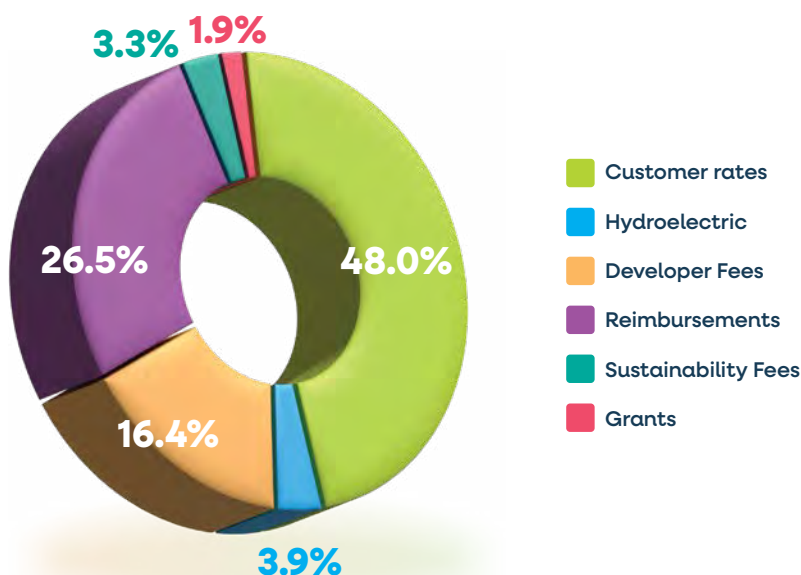
TMWA’s Capital Improvements: Planning that Leverages Many Sources and Addresses Many Needs

TMWA funds its Capital Improvement Plan (CIP) through a diverse mix of sources. While maintenance, repairs, and upgrades are primarily based on water sales revenue, capital infrastructure is supported by multiple sources.

For capital infrastructure related to new growth, costs are 100% funded by the developer—i.e. growth pays for growth. Existing customers do not fund new growth of TMWA’s water system. TMWA also has a developer-paid Resource Sustainability Fund dedicated to projects that enhance drought resiliency.

Other forms of funding for TMWA’s infrastructure are the Nevada Drinking Water State Revolving Fund, federal grants, and capital contributions or reimbursements from local governments.

Funding Sources for TMWA’s Projected Capital Projects



Lifecycle Management: Extending Asset Values While Reducing Costs

TMWA’s capital plan projections are derived from projects within [TMWA’s Water System Facility Plan](#). TMWA’s most recent plan covers 20 years of projected needs and includes asset management for the first time. Asset management is the process of managing the lifecycle of TMWA’s infrastructure to ensure the value of TMWA’s assets is maximized while minimizing costs.

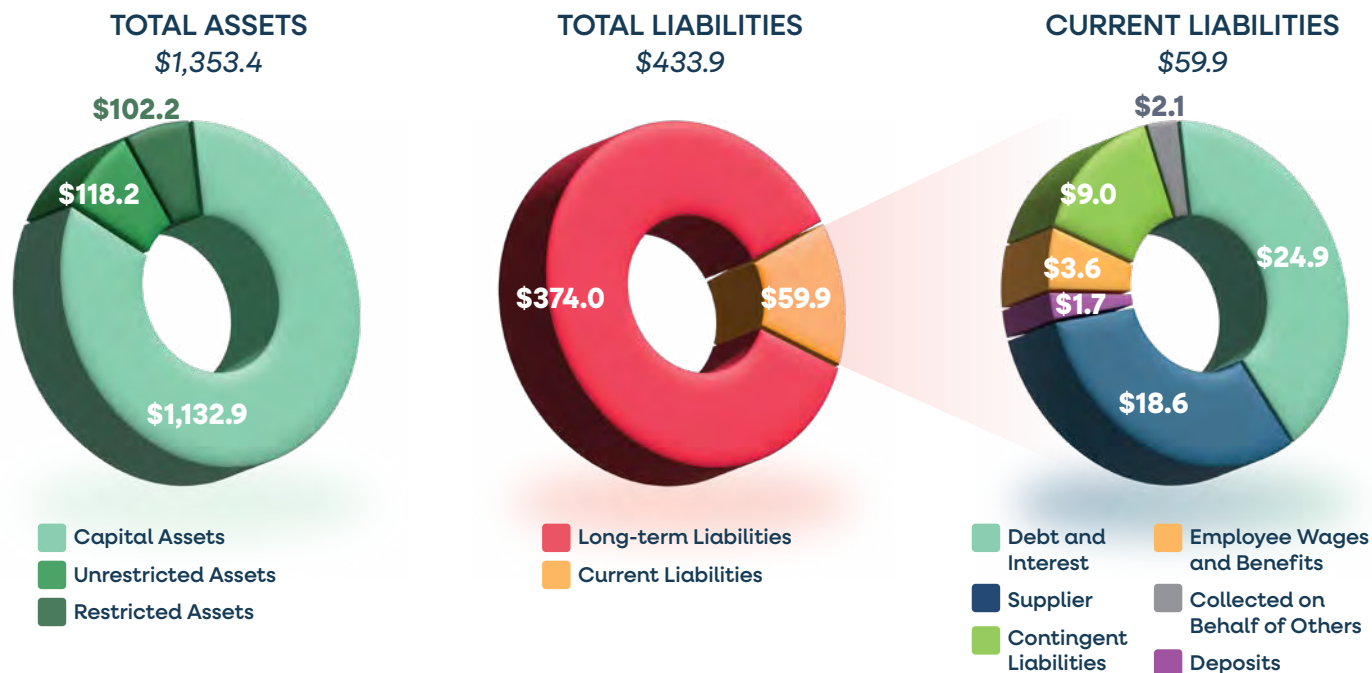
For example, one aspect of TMWA’s Tank Maintenance and Rehabilitation Program is recoating the interior lining of water tanks every 20 years. Not only does a well-maintained coating help protect water quality, but this type of maintenance can also significantly extend the life of a water tank, delaying the need for costly repairs or replacement. Another example is replacement of main lines at the end of their lifecycle with larger volume mains to address any pressure or fire flow requirements in support of public safety emergencies.

Overall, TMWA’s approach to managing its assets prolongs the utility of these investments for customers, reducing the likelihood that unexpected expenses will occur. Insight into TMWA’s planned projects can be found in [TMWA’s 2025-2029 CIP](#), which is updated every five years.

The Big Picture on TMWA’s Financial Position

Net Position (formally, the Statement of Net Position) provides a point-in-time ‘snapshot’ of the financial status for governmental organizations. Much like a balance sheet, Net Position provides insight into what government agencies own (assets) and what they owe (liabilities) at the end of each fiscal year. The charts below show TMWA’s assets and liabilities as of June 30, 2024.

At-A-Glance (in millions)



Statement of Net Position (in millions)

	2024	2023	2022	2021
Unrestricted Current Assets	\$117.3	\$170.1	\$189.4	\$192.8
Restricted Current Assets	69.6	28.7	33.3	31.1
Long-Term Restricted and Other Assets	28.9	27.5	26.1	27.3
Net Other Post Employment Benefits Asset	4.7	3.1	6.0	3.4
Capital Assets, Net	1,132.9	1,083.9	1,052.0	1,027.0
Total Assets	1,353.4	1,313.3	1,300.8	1,276.9
Deferred Outflow of Resources	23.1	25.5	22.4	12.8
Total Assets and Deferred Outflow of Resources	1,376.5	1,338.8	1,323.3	1,289.2
Total Current Liabilities	59.9	50.6	46.8	47.2
Long Term Debt Outstanding	309.9	333.9	355.4	376.3
Net Pension and Other Noncurrent Liabilities	64.1	61.2	28.6	42.2
Total Liabilities	433.9	445.7	433.9	469.2
Deferred Inflow of Resources	5.9	2.6	29.1	6.4
Total Liabilities and Deferred Inflow of Resources	439.8	448.3	463.0	475.6
Net Investment in Capital Assets	853.1	749.2	693.0	649.1
Restricted	45.6	43.7	50.7	46.0
Unrestricted	37.9	97.6	116.6	119.1
Total Net Position	\$936.6	\$890.5	\$860.3	\$814.2

Change in Net Position

Change in Net Position (formally, the Statement of Revenues, Expenses and Changes in Net Position) is a financial statement focusing on a particular time period. This statement (below) covers TMWA's fiscal year from July 1 to June 30. Much like an income statement, it describes four key items—revenue, expenses, nonoperating items, and contributions.

Change in Net Position (in millions)

	2024	2023	2022	2021
Operating Revenues	\$122.4	\$113.1	\$114.6	\$115.4
Operating Expenses	121.0	114.4	98.6	98.2
Operating Income (Loss)	1.4	(1.3)	16.0	17.2
Nonoperating Revenues (Expenses), Net	(5.3)	(10.8)	(21.5)	(14.1)
Income (Loss) before Capital Contributions	(3.9)	(12.1)	(5.5)	3.1
Capital Contributions, Net	50.0	42.3	51.6	41.4
Change in Net Position	46.1	30.2	46.1	44.4
Net Position — Beginning of Year	890.5	860.3	814.2	769.7
Net Position — End of Year	\$936.6	\$890.5	\$860.3	\$814.2

See full financial statements in TMWA's Annual Comprehensive Financial Report at tmwa.com/financial-information.

Explanation of Terms

UNRESTRICTED ASSETS: Assets such as cash, accounts receivable, deposits, and prepaid expenses that can be used and managed with flexibility.

RESTRICTED ASSETS: Assets that must be used for specific purposes, primarily the repayment of debt.

CAPITAL ASSETS: Fixed physical assets, such as water mains, treatment plants, pump and pressure regulating stations, water tanks, vehicles, etc.

DEFERRED FLOW OF RESOURCES: Accounting for revenue or expenses that will occur in the future.

TOTAL NET POSITION: Balance of a governmental organization's assets against its liabilities.

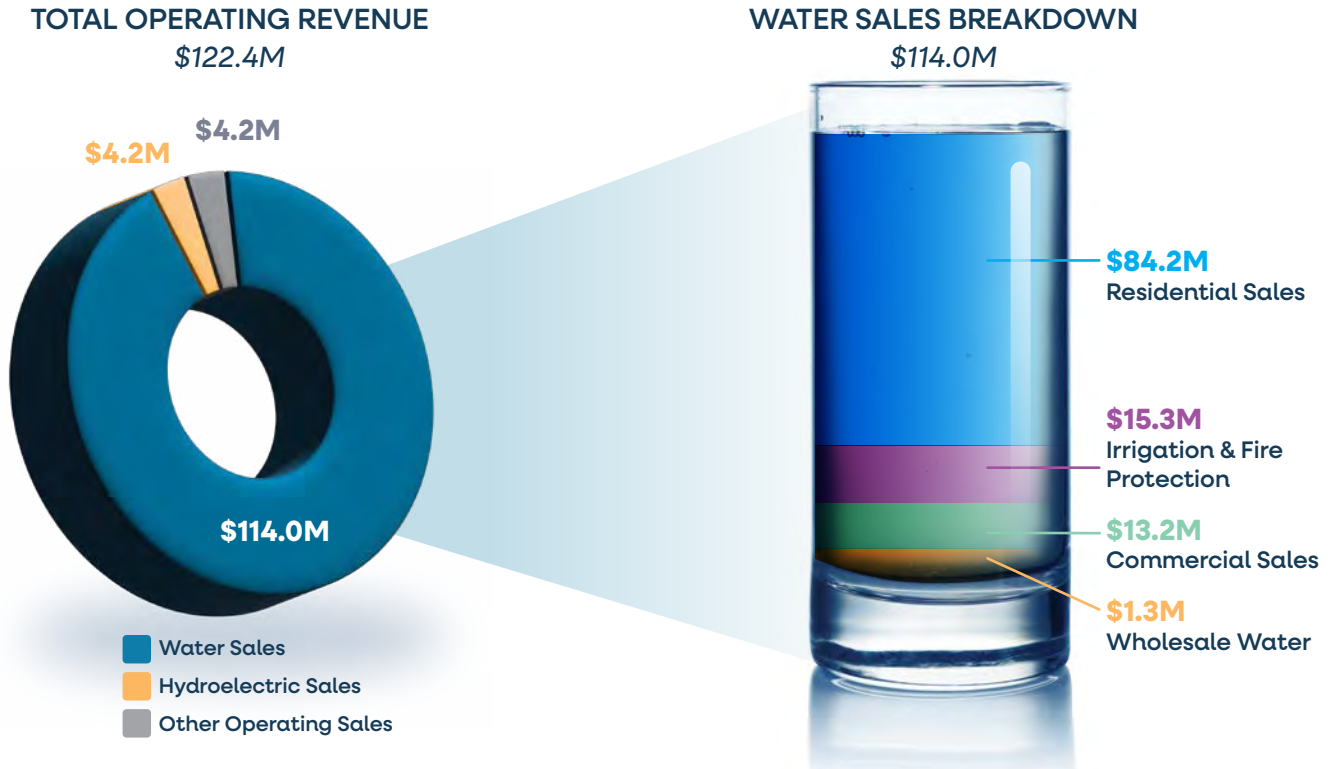
OPERATING REVENUES: Money generated from water, hydroelectric, and other operating sales. From this amount, operating expenses are subtracted to determine operating income or loss.

OPERATING EXPENSES: Costs that are directly associated with day-to-day operation, such as wages, benefits, and services/supplies.

NONOPERATING REVENUE OR EXPENSES: Income or costs that are not directly attributable to core business operations (i.e., interest expense and investment income).

CAPITAL CONTRIBUTIONS: Grant proceeds or funds that are invested into TMWA's infrastructure.

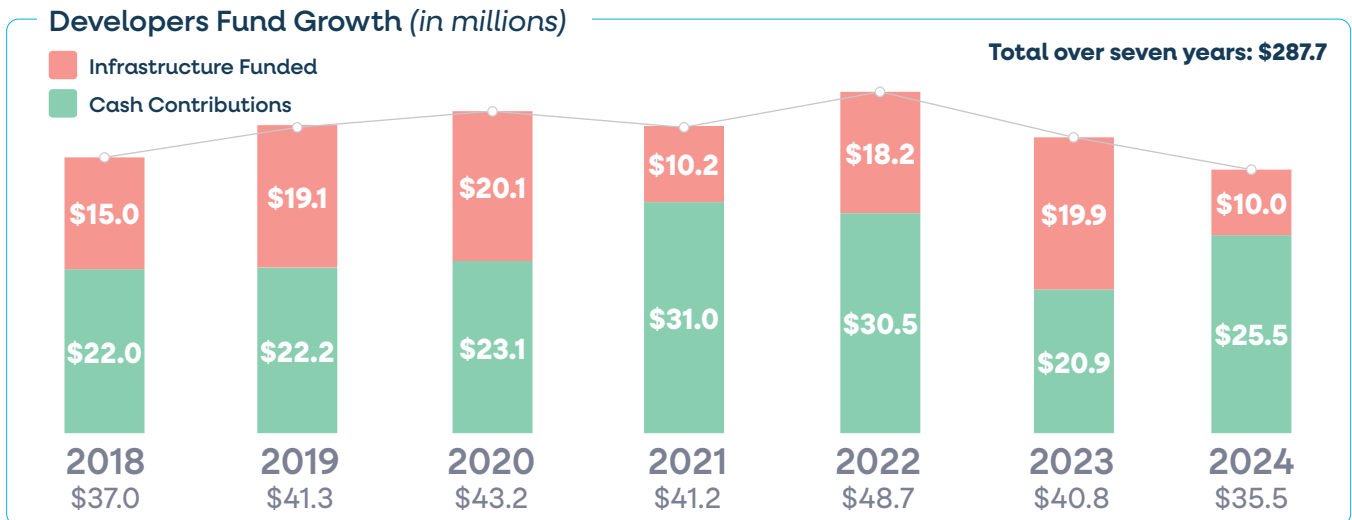
Incoming: Water Sales Provide 95% of TMWA’s Operating Revenue



Growth Paying for Growth

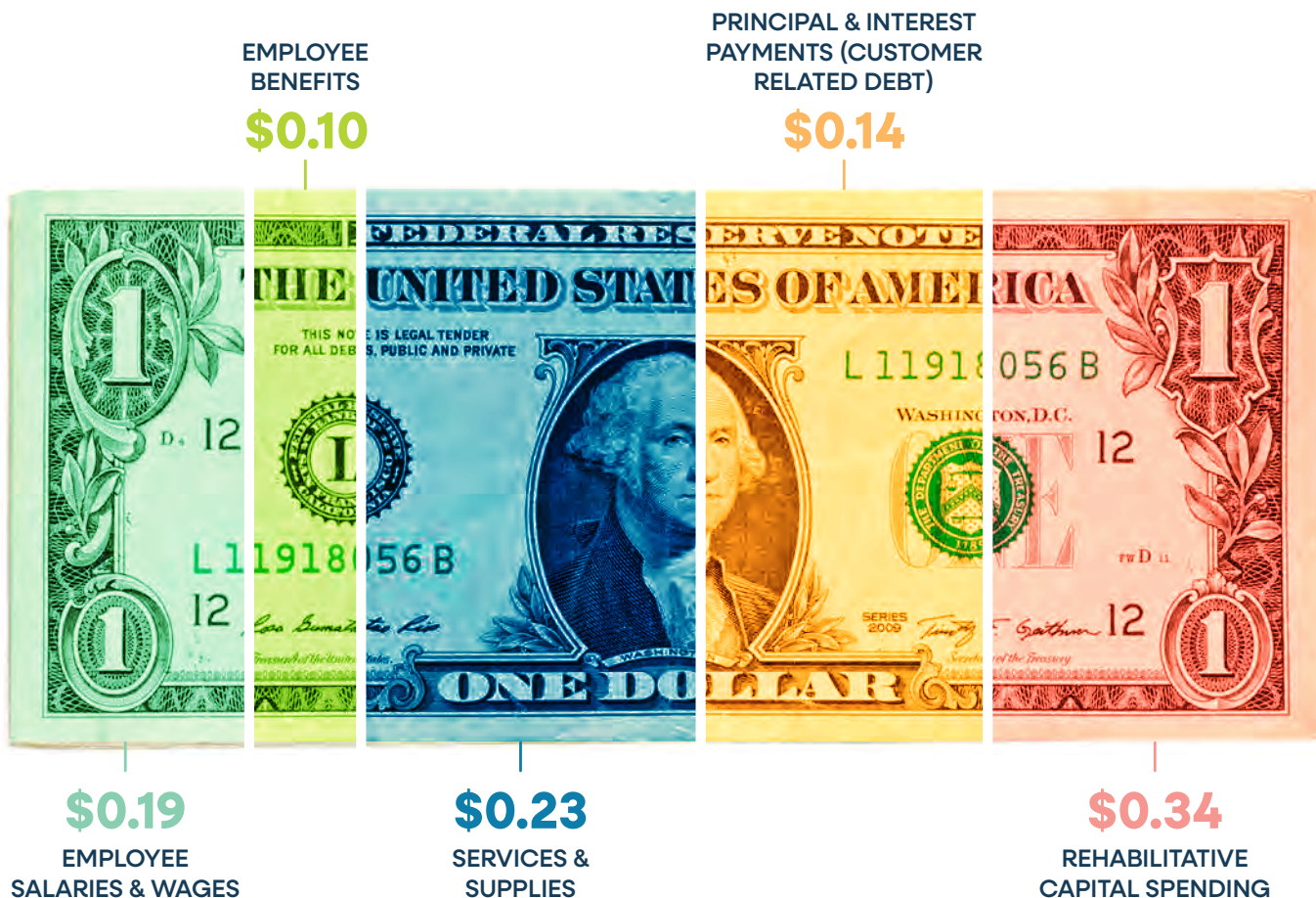
Neither TMWA nor its customers underwrite or pay for new infrastructure needed for residential or commercial development. To protect ratepayers from the short and long-term costs of service-area expansion, fees and infrastructure contributions from developers are required. Over the past seven years, total developer contributions for new growth have exceeded \$287 million.

New development projects are approved by the county and cities. Water rights must be dedicated to TMWA before building can begin for any new project. For every gallon of surface water needed to serve new development, an additional 11% of water rights is required and must be dedicated to TMWA for drought storage.



Outgoing: How TMWA Spends by the Dollar

TMWA's Spending Allocations, Represented as Cents on the Dollar



Explanation of Expenses

SALARIES, WAGES & EMPLOYEE BENEFITS

Compensation paid to our workforce in performing TMWA's day-to-day operations.

SERVICES & SUPPLIES

Non-payroll related expenses of day-to-day operations, (i.e., treatment supplies, infrastructure maintenance, distribution, customer service, etc.).

PRINCIPAL & INTEREST ON CUSTOMER RELATED DEBT

Principal and interest payments on all loans outstanding except those associated with service territory expansion.

REHABILITATIVE CAPITAL SPENDING

The cost of replacing and maintaining existing capital assets, (i.e., water treatment plants, infrastructure replacements, storage tanks, etc.).

Keeping Water Flowing

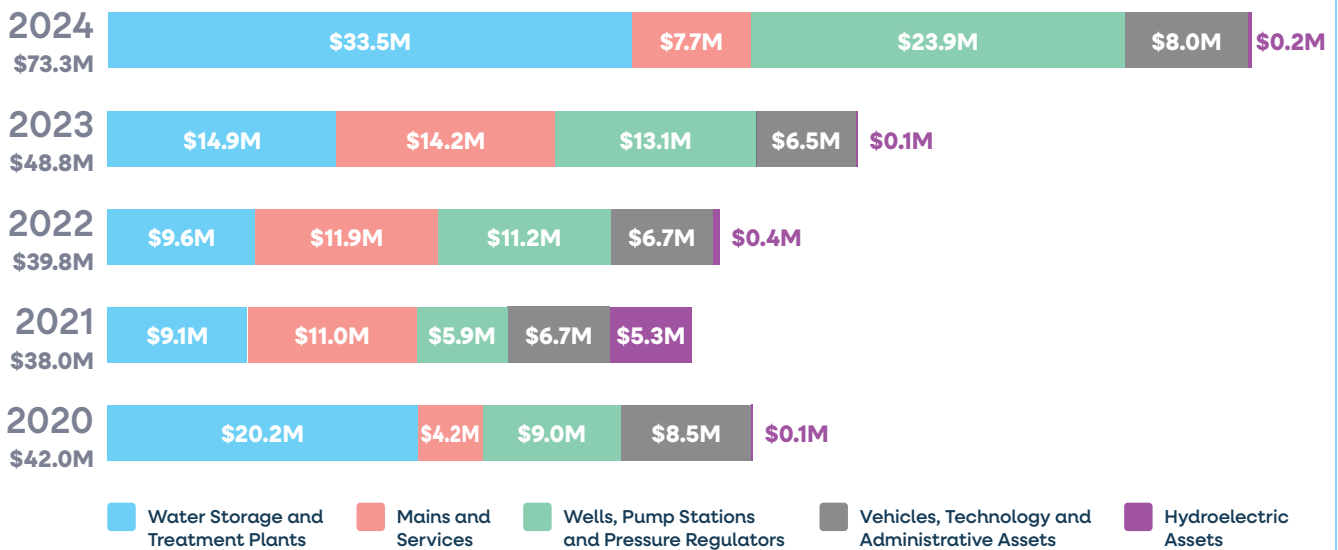
Day or night, when customers turn on their taps, they expect the water to flow. This means 24/7 operations for TMWA.

With a system that operates constantly, there is almost always something within our extensive infrastructure that requires maintenance, rehabilitation, or replacement.

As demonstrated below, maintenance needs and planned project expenses can shift each year. For example in 2024, the Orr Ditch pump station and hydroelectric project represents an \$18.6 million investment that will provide a back-up water supply and clean energy solution for Chalk Bluff Water Treatment Plant, the region’s primary producer of drinking water.

An overview of projected capital expenditures for the next five years can be found in TMWA’s [Water System Facility Plan](#), which was updated in 2024.

Capital Spending by Category



Truckee River in downtown Reno

Advanced Metering Infrastructure (AMI) Receives \$9.5 Million Grant

The leadership at TMWA is excited to announce that over the past year, we have made substantial progress on the installation of advanced metering infrastructure, otherwise known as smart water meters. A majority of our customers now have smart meters installed throughout our service area.

Equally exciting is the \$9.5M awarded to TMWA to help fund the installation of approximately 110,000 smart meters across the region. Although final costs will be determined once all meters are installed next summer, the grant is expected to cover about 52% of the total project cost.

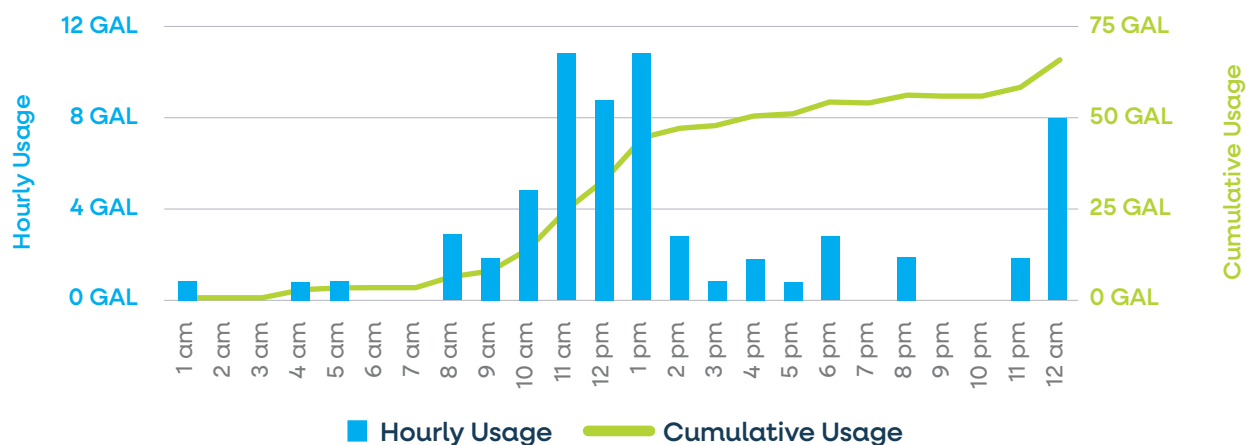
Smart meters improve our customers’ ability to manage water use, save money, and quickly mitigate the damage undetected water leaks can cause. Below is an overview of benefits:

- **Real-Time Data and Rapid Leak Detection.** Customers can manage usage and identify spikes in use that may be caused by undetected leaks. This information is accessible through [TMWA’s Online Customer Portal](#).
- **Accurate and Reliable Water Usage Tracking.** Unlike older meters, smart meters don’t rely on mechanical parts, which can wear down over time. This reduces maintenance needed and results in longer lifecycles than older meters.
- **Improved Water Conservation.** With accurate, real-time data, it’s easy to track water consumption, enabling adoption of water-saving habits. This is especially beneficial for businesses managing large-scale operations.
- **Long-Term Durability and Efficiency.** Smart meters are designed to last 20 years or more. Running with minimal energy use, advanced meters also reduce operational costs which helps keep water rates as low as possible.
- **Preventing System Losses.** This system-wide improvement provides an overview of real-time water use, helping TMWA respond more quickly to system issues, saving water and reducing troubleshooting when a problem is suspected.

Overall, AMI is a valuable tool that enables TMWA to efficiently and proactively manage our water infrastructure. It better meets customer needs while strengthening TMWA’s ability to manage water resources sustainably.

Example: Smart Meter Hourly Water Usage Data

Available to customers at tmwa.com/online



Integrating It All

This document is a high-level overview of **TMWA's Annual Comprehensive Financial Report**, which offers a detailed review of multiple financial statements as well as the policies that guide TMWA's approach to managing funds.

This annual financial report gives insight into the fiscal health of TMWA's operations year after year. Beyond annual financial reporting, TMWA has an integrated planning approach across three areas of focus: Funding, Facilities, and Water Resources.

TMWA's Funding Plan projects into the next five years, whereas the Facility and Water Resource Plans look 20+ years into the future. Although these are three distinct planning efforts, the implementation of the plans is integrated.

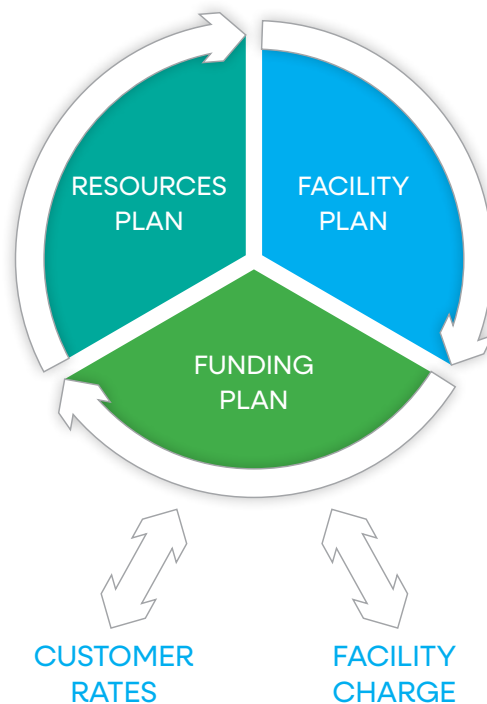
For example:

The **Water Resource Plan** estimates water supply and demand, giving insight into the facility capacity that will be needed for TMWA's future infrastructure.

The **Facility Plan** identifies the condition of TMWA's existing capital assets and project expansions needed to meet future growth, as identified in the Water Resource Plan. Facility charges are calculated based on the Facility Plan and are what builders and developers pay to connect new construction to the water system. This keeps customer rates protected from the cost of new developments, ensuring growth pays for growth.

The **Funding Plan** is a five-year operations plan that also incorporates the Five-Year Capital Improvement Plan. It is a thorough analysis of all revenues and expenses, as well as any capital improvements and infrastructure needed—with an assessment of overall spending and identification of funding options.

This integrated planning approach is how TMWA can both ensure the delivery of high-quality drinking water while keeping customer rates as low as possible. To see all of TMWA's most recent plans, go to tmwa.com/planning.



Transportation corridor carved by the Truckee River as it flows towards Nevada

TMWA

FY24 Annual Comprehensive Financial Report

December 12, 2024



**Truckee Meadows
Water Authority**

Quality. Delivered.

Topic #1:

Error Corrections and Material Weakness

What do you see in the below picture?



Net Position Components

	2024	Restated 2023
Net Position		
Net investment in capital assets	853,064,335	749,158,166
Restricted for water resource sustainability program	4,342,845	6,088,644
Restricted for debt service	15,780,000	15,080,000
Restricted for operations and maintenance reserve	10,324,959	8,911,927
Restricted for renewal and replacement reserve	10,000,000	10,000,000
Restricted for water rate stabilization	500,000	500,000
Restricted for net other postemployment benefits	4,659,659	3,108,425
Unrestricted	37,941,681	97,641,986
Total net position	936,613,479	890,489,148

Error #1:

Net position restricted for other postemployment benefits

BEFORE

	2023	2022
Net Position		
Net investment in capital assets	749,158,166	692,996,744
Restricted for water meter retrofit program	—	5,711,052
Restricted for water resource sustainability program	6,088,644	5,290,637
Restricted for debt service	22,604,072	22,271,247
Restricted for operations and maintenance reserve	8,911,927	7,140,835
Restricted for renewal and replacement reserve	10,000,000	11,544,050
Restricted for water rate stabilization	500,000	500,000
Restricted for net other postemployment benefits	2,292,262	1,684,102
Unrestricted	90,934,077	113,126,406
Total net position	890,489,148	860,265,073

AFTER

	2024	Restated 2023
Net Position		
Net investment in capital assets	853,064,335	749,158,166
Restricted for water resource sustainability program	4,342,845	6,088,644
Restricted for debt service	15,780,000	15,080,000
Restricted for operations and maintenance reserve	10,324,959	8,911,927
Restricted for renewal and replacement reserve	10,000,000	10,000,000
Restricted for water rate stabilization	500,000	500,000
Restricted for net other postemployment benefits	4,659,659	3,108,425
Unrestricted	37,941,681	97,641,986
Total net position	936,613,479	890,489,148

Error #2: Net position restricted for debt service

BEFORE

	2023	2022
Net Position		
Net investment in capital assets	749,158,166	692,996,744
Restricted for water meter retrofit program	—	5,711,052
Restricted for water resource sustainability program	6,088,644	5,290,637
Restricted for debt service	22,604,072	22,271,247
Restricted for operations and maintenance reserve	8,911,927	7,140,835
Restricted for renewal and replacement reserve	10,000,000	11,544,050
Restricted for water rate stabilization	500,000	500,000
Restricted for net other postemployment benefits	2,292,262	1,684,102
Unrestricted	90,934,077	113,126,406
Total net position	890,489,148	860,265,073

AFTER

	2024	Restated 2023
Net Position		
Net investment in capital assets	853,064,335	749,158,166
Restricted for water resource sustainability program	4,342,845	6,088,644
Restricted for debt service	15,780,000	15,080,000
Restricted for operations and maintenance reserve	10,324,959	8,911,927
Restricted for renewal and replacement reserve	10,000,000	10,000,000
Restricted for water rate stabilization	500,000	500,000
Restricted for net other postemployment benefits	4,659,659	3,108,425
Unrestricted	37,941,681	97,641,986
Total net position	936,613,479	890,489,148

Disclosure

(ACFR page 69)

Note 14 - Error Correction

During the year ended June 30, 2024, TMWA discovered that net position restricted for net other postemployment benefits and net position restricted for debt service were calculated incorrectly in the prior year. In both instances, amounts were misclassified between components of net position. The net effect of correcting the errors is shown in the table below.

	June 30, 2023 As Previously Reported	Error Correction	June 30, 2023 As Restated
Net Position			
Restricted for debt service	\$ 22,604,072	\$ (7,524,072)	\$ 15,080,000
Restricted for net other postemployment benefits	2,292,262	816,163	3,108,425
Unrestricted	90,934,077	6,707,909	97,641,986

Financial Statement Finding: Material Weakness in Internal Control

Topic #2: Financial Health

As of June 30, 2024

- Net position = \$936.6 million, which is a \$46.1 million increase from the prior year
- Unrestricted cash = \$20.2 million
- Debt service coverage ratio = 1.42x

Topic #3: Budget Compliance

For the year ended June 30, 2024
(in millions)

	Budget	Actual	(Under) Over Budget
Operating expenses	\$ 125.0	\$ 121.0	\$ (4.0)
Loss on disposal of assets	1.7	3.5	1.8
Debt issuance costs	-	0.5	0.5
Interest expense	11.0	10.2	(0.8)
Total expenses	\$ 137.7	\$ 135.2	\$ (2.5)

Topic #4: Auditor's Opinions

As of June 30, 2024

- Financial Statement Audit: TMWA's financial statements are fairly presented in all material respects (unqualified audit opinion)
- Single Audit: TMWA complied, in all material respects, with the compliance requirements that could have a direct and material effect on its major federal programs

ACFR Conclusions

As of June 30, 2024

- Thorough examination
- Transparent
- Strong financial health



Thank You to the Team!

- Ana Rodriguez, TMWA Senior Accountant
- Cammy LoRé, GoodStanding Partner
- Chris McCarthy, Eide Bailly Senior Audit Manager
- Cody Crafts, Eide Bailly Senior Audit Associate
- Matt Bowman, TMWA Chief Financial Officer
- Mindy Stewart, TMWA Accounting Technician
- Robert Charpentier, TMWA Communications Specialist
- Sandra Tozi, TMWA Principal Financial Analyst
- Shawn Stoddard, TMWA Senior Resource Economist
- Tessa Rognier, Eide Bailly Audit Associate
- Tiffany Williamson, Eide Bailly Partner
- Veronica Galindo, TMWA Senior Accountant

Discussion / Questions?

Recommended motion: “Move to adopt Resolution No. 330 to approve the Annual Comprehensive Financial Report for fiscal year ended June 30, 2024”

Sophie Cardinal, Financial Controller
Email: scardinal@tmwa.com
O: (775) 834-0305 M: (775) 531-8477

TRUCKEE MEADOWS WATER AUTHORITY
(TMWA)

RESOLUTION NO. 330

A RESOLUTION APPROVING THE FINANCIAL STATEMENTS OF THE TRUCKEE MEADOWS WATER AUTHORITY FOR FISCAL YEAR ENDED JUNE 30, 2024

WHEREAS, TMWA is responsible for filing financial statements with various agencies, banks, and regulatory authorities; and

WHEREAS, pursuant to NRS 354.624, TMWA is required to file audited financial statements with the Nevada Department of Taxation, not later than six months after the close of the fiscal year being audited; and

WHEREAS, the TMWA Board is required to accept and approve the financial statements prior to filing of said statements with the Nevada Department of Taxation by December 31, 2024.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Truckee Meadows Water Authority that the audited financial statements for the period ended June 30, 2024, as provided to the TMWA Board, are hereby accepted and approved and staff is directed to submit such information to the Nevada Department of Taxation.

Upon motion of _____, seconded by _____, the foregoing Resolution was passed and adopted December 12, 2024, by the following vote of the Board:

Ayes: _____

Nays: _____

Abstain: _____ Absent: _____

Approved this 12th day of December, 2024

Naomi Duerr, Chair



TO: Board of Directors
THRU: John Zimmerman, General Manager
FROM: Matt Bowman, Chief Financial Officer
DATE: November 26, 2024
SUBJECT: Presentation of Fiscal Year 2025 Q1 Year-to-Date Financial Results

Summary

Please refer to Attachments A-1 and A-2 for full Statements of Revenues, Expenses and Changes in Net Position for both actual to budget and year-over-year comparisons as discussed in the report below.

Budget to Actual

	Actual YTD 2025	Budget YTD 2025	Variance \$	Variance %
CHANGE IN NET POSITION	\$ 37,709,068	\$ 24,191,995	\$ 13,517,073	56 %

Change in net position was \$13.5m or 56% higher than budget through Q1 2025. This was driven by higher operating income due to lower operating expenses, higher investment earnings and capital contributions.

Year over Year

	Actual YTD 2025	Actual YTD 2024	Variance \$	Variance %
CHANGE IN NET POSITION	\$ 37,709,068	\$ 21,437,483	\$ 16,271,585	76 %

Change in net position was \$16.3m or 76% higher than the prior year. This was also caused by higher operating income due to lower operating expenses, higher investment earnings and capital contributions.

Revenue

Budget to Actual

	Actual YTD 2025	Budget YTD 2025	Variance \$	Variance %
OPERATING REVENUES				
Charges for Water Sales	47,092,739	47,567,110	(474,371)	(1)%
Hydroelectric Sales	1,022,489	902,955	119,534	13 %
Other Operating Sales	1,332,034	900,094	431,940	48 %
Total Operating Revenues	49,447,262	49,370,159	77,103	— %

Operating revenue was \$0.1m, less than 1% higher than budget through Q1 2025. Water sales were within 1% of budget, hydroelectric revenue was 13% higher than budget and other operating sales were 48% higher than budget. Hydroelectric revenue exceeded budget due to strong river flows and less maintenance downtime than budgeted and other operation sales were higher than budget due mostly to higher new business related inspection fees.

Year over Year

	Actual YTD 2025	Actual YTD 2024	Variance \$	Variance %
OPERATING REVENUES				
Charges for Water Sales	47,092,739	41,376,966	5,715,773	14 %
Hydroelectric Sales	1,022,489	1,061,073	(38,584)	(4)%
Other Operating Sales	1,332,034	1,113,232	218,802	20 %
Total Operating Revenues	49,447,262	43,551,271	5,895,991	14 %

Year over year, operating revenues were higher by \$5.9m or 14% due primarily to higher water sales. Q1 2024 water sales were well below average due to the carryover of less irrigation following an extremely wet spring of 2023.

Operating Expenses

Budget to Actual

	Actual YTD 2025	Budget YTD 2025	Variance \$	Variance %
OPERATING EXPENSES				
Salaries and Wages	8,579,136	8,911,122	(331,986)	(4)%
Employee Benefits	3,870,399	4,299,732	(429,333)	(10)%
Services and Supplies	12,180,231	13,339,479	(1,159,248)	(9)%
Total Operating Expenses Before Depreciation	24,629,766	26,550,333	(1,920,567)	(7)%
Depreciation	9,011,970	8,897,641	114,329	1 %
Total Operating Expenses	33,641,736	35,447,974	(1,806,238)	(5)%

Total operating expenses were \$1.8m or 5% lower than budget through Q1 2025. Salaries and wages and employee benefits were lower due primarily to position vacancies. Services and supplies were lower due to various expense categories.

Year over Year

	Actual YTD 2025	Actual YTD 2024	Variance \$	Variance %
OPERATING EXPENSES				
Salaries and Wages	8,579,136	7,458,008	1,121,128	15 %
Employee Benefits	3,870,399	3,218,596	651,803	20 %
Services and Supplies	12,180,231	11,568,110	612,121	5 %
Total Operating Expenses Before Depreciation	24,629,766	22,244,714	2,385,052	11 %
Depreciation	9,011,970	8,722,958	289,012	3 %
Total Operating Expenses	33,641,736	30,967,672	2,674,064	9 %

Year over year operating expenses were \$2.7m or 9% higher compared to the prior year. Salaries and wages and benefits are higher than prior year to due to Labor Market Index (LMI) increases, step increases, and additions to staff during FY 2024 and Q1 2025.

Non-Operating ExpensesBudget to Actual

	Actual YTD 2025	Budget YTD 2025	Variance \$	Variance %
NONOPERATING REVENUES (EXPENSES)				
Investment Earnings	1,474,848	1,352,254	122,594	9 %
Net Increase (Decrease) in FV of Investments	1,939,540	—	1,939,540	— %
Gain (Loss) on Disposal of Assets	21,830	(360,700)	382,530	(106)%
Amortization of Bond/note Issuance Costs	—	—	—	— %
Interest Expense	(2,220,619)	(2,219,579)	(1,040)	— %
Total Nonoperating Revenues (Expenses)	1,215,599	(1,228,025)	2,443,624	(199)%

Nonoperating revenues/expenses were \$2.4m or 199% better than budget in 2025. There was a net increase in the fair value of investments as market interest rates continue to drop. This trend will continue if rates continue to fall in 2025.

Year over Year

	Actual YTD 2025	Actual YTD 2024	Variance \$	Variance %
NONOPERATING REVENUES (EXPENSES)				
Investment Earnings	1,474,848	907,317	567,531	63 %
Net Increase (Decrease) in FV of Investments	1,939,540	452,432	1,487,108	329 %
Gain (Loss) on Disposal of Assets	21,830	—	21,830	— %
Amortization of Bond/note Issuance Costs	—	—	—	— %
Interest Expense	(2,220,619)	(2,771,473)	550,854	(20)%
Total Nonoperating Revenues (Expenses)	1,215,599	(1,411,724)	2,627,323	(186)%

Nonoperating expenses were lower than prior year by \$2.6m or 186%, due to the same reasons discussed above.

Capital Contributions

Budget to Actual

	Actual YTD 2025	Budget YTD 2025	Variance \$	Variance %
CAPITAL CONTRIBUTIONS				
Grants	241,156	774,625	(533,469)	(69)%
Water Resource Sustainability Program	158,272	242,419	(84,147)	(35)%
Developer Infrastructure Contributions	2,478,636	3,704,795	(1,226,159)	(33)%
Developer Will-serve Contributions (Net of Refunds)	9,850,040	1,308,000	8,542,040	653 %
Developer Capital Contributions - Other	4,217,497	—	4,217,497	— %
Developer Facility Charges (Net of Refunds)	3,259,405	4,026,535	(767,130)	(19)%
Contributions from Others	—	16,461	(16,461)	(100)%
Contributions from Other Governments	482,937	1,425,000	(942,063)	(66)%
Net Capital Contributions	20,687,943	11,497,835	9,190,108	80 %

Capital contributions were \$9.2m or 80% higher than budget. The largest driver of this increase was the recognition of a \$9.0m credit to will serve revenue resulting from a resource exchange agreement with TRIGID and TRIC related to the treated effluent pipeline to TRIGID. TMWA received the cash in 2021, but held it on deposit because the agreement was revocable by TRIC until treated effluent was delivered via the pipeline. This occurred in the first quarter at which point the agreement became irrevocable by TRIC and \$9.0m was recognized as will-serve revenue.

Year over Year

	Actual YTD 2025	Actual YTD 2024	Variance \$	Variance %
CAPITAL CONTRIBUTIONS				
Grants	241,156	—	241,156	— %
Water Resource Sustainability Program	158,272	300,416	(142,144)	(47)%
Developer Infrastructure Contributions	2,478,636	2,181,542	297,094	14 %
Developer Will-serve Contributions (Net of Refunds)	9,850,040	1,742,740	8,107,300	465 %
Developer Capital Contributions - Other	4,217,497	327,235	3,890,262	1,189 %
Developer Facility Charges (Net of Refunds)	3,259,405	4,427,046	(1,167,641)	(26)%
Contributions from Others	—	—	—	— %
Contributions from Other Governments	482,937	1,286,629	(803,692)	(62)%
Net Capital Contributions	20,687,943	10,265,608	10,422,335	102 %

Year over year, capital contributions are \$10.4m or 102% higher than the prior year primarily due to the resource exchange credit discussed above.

Capital Spending

Cash spent on capital outlays and construction projects through Q1 2025 was approximately \$10.3m. Total budgeted capital spend for fiscal year 2025 is \$111.2m, which included \$8.0m and \$11.0m for the American Flat APW facility and Orr Ditch pump station and hydro facility, respectively. Spending on the top three projects during the first quarter is listed below:

Orr Ditch Pump Station and Hydro Facility	\$ 2.3m
AMI Meter Replacements	\$ 1.5m
7th Street BPS Relocation	\$ 1.4m

Cash Position

At September 30, 2024 total cash and investments was \$191.5m or \$3.7m higher than at the beginning of the fiscal year. Of the total cash and investments, \$135.3m was unrestricted to be used to meet upcoming and future operating and maintenance expenses, principal and interest payments and construction project payments. The remaining \$56.1m was restricted to pay for scheduled bond principal and interest payments as well as maintaining required reserves as stipulated in our bond covenants.

Truckee Meadows Water Authority

Comparative Statements of Revenues, Expenses and Changes in Net Position

For the first quarter ended September 30, 2024

	Actual YTD 2025	Budget YTD 2025	Variance \$	Variance %
OPERATING REVENUES				
Charges for Water Sales	\$ 47,092,739	\$ 47,567,110	\$ (474,371)	(1)%
Hydroelectric Sales	1,022,489	902,955	119,534	13 %
Other Operating Sales	1,332,034	900,094	431,940	48 %
Total Operating Revenues	49,447,262	49,370,159	77,103	— %
OPERATING EXPENSES				
Salaries and Wages	8,579,136	8,911,122	(331,986)	(4)%
Employee Benefits	3,870,399	4,299,732	(429,333)	(10)%
Services and Supplies	12,180,231	13,339,479	(1,159,248)	(9)%
Total Operating Expenses Before Depreciation	24,629,766	26,550,333	(1,920,567)	(7)%
Depreciation	9,011,970	8,897,641	114,329	1 %
Total Operating Expenses	33,641,736	35,447,974	(1,806,238)	(5)%
OPERATING INCOME	15,805,526	13,922,185	1,883,341	14 %
NONOPERATING REVENUES (EXPENSES)				
Investment Earnings	1,474,848	1,352,254	122,594	9 %
Net Increase (Decrease) in FV of Investments	1,939,540	—	1,939,540	— %
Gain (Loss) on Disposal of Assets	21,830	(360,700)	382,530	(106)%
Amortization of Bond/note Issuance Costs	—	—	—	— %
Interest Expense	(2,220,619)	(2,219,579)	(1,040)	— %
Total Nonoperating Revenues (Expenses)	1,215,599	(1,228,025)	2,443,624	(199)%
Gain (Loss) Before Capital Contributions	17,021,125	12,694,160	4,326,965	34 %
CAPITAL CONTRIBUTIONS				
Grants	241,156	774,625	(533,469)	(69)%
Water Resource Sustainability Program	158,272	242,419	(84,147)	(35)%
Developer Infrastructure Contributions	2,478,636	3,704,795	(1,226,159)	(33)%
Developer Will-serve Contributions (Net of Refunds)	9,850,040	1,308,000	8,542,040	653 %
Developer Capital Contributions - Other	4,217,497	—	4,217,497	— %
Developer Facility Charges (Net of Refunds)	3,259,405	4,026,535	(767,130)	(19)%
Contributions from Others	—	16,461	(16,461)	(100)%
Contributions from Other Governments	482,937	1,425,000	(942,063)	(66)%
Net Capital Contributions	20,687,943	11,497,835	9,190,108	80 %
CHANGE IN NET POSITION	\$ 37,709,068	\$ 24,191,995	\$ 13,517,073	56 %

Truckee Meadows Water Authority

Comparative Statements of Revenues, Expenses and Changes in Net Position

For the first quarter ended September 30, 2024

	Actual YTD 2025	Actual YTD 2024	Variance \$	Variance %
OPERATING REVENUES				
Charges for Water Sales	\$ 47,092,739	\$ 41,376,966	\$ 5,715,773	14 %
Hydroelectric Sales	1,022,489	1,061,073	(38,584)	(4)%
Other Operating Sales	1,332,034	1,113,232	218,802	20 %
Total Operating Revenues	49,447,262	43,551,271	5,895,991	14 %
OPERATING EXPENSES				
Salaries and Wages	8,579,136	7,458,008	1,121,128	15 %
Employee Benefits	3,870,399	3,218,596	651,803	20 %
Services and Supplies	12,180,231	11,568,110	612,121	5 %
Total Operating Expenses Before Depreciation	24,629,766	22,244,714	2,385,052	11 %
Depreciation	9,011,970	8,722,958	289,012	3 %
Total Operating Expenses	33,641,736	30,967,672	2,674,064	9 %
OPERATING INCOME	15,805,526	12,583,599	3,221,927	26 %
NONOPERATING REVENUES (EXPENSES)				
Investment Earnings	1,474,848	907,317	567,531	63 %
Net Increase (Decrease) in FV of Investments	1,939,540	452,432	1,487,108	329 %
Gain (Loss) on Disposal of Assets	21,830	—	21,830	— %
Amortization of Bond/note Issuance Costs	—	—	—	— %
Interest Expense	(2,220,619)	(2,771,473)	550,854	(20)%
Total Nonoperating Revenues (Expenses)	1,215,599	(1,411,724)	2,627,323	(186)%
Gain (Loss) Before Capital Contributions	17,021,125	11,171,875	5,849,250	52 %
CAPITAL CONTRIBUTIONS				
Grants	241,156	—	241,156	— %
Water Resource Sustainability Program	158,272	300,416	(142,144)	(47)%
Developer Infrastructure Contributions	2,478,636	2,181,542	297,094	14 %
Developer Will-serve Contributions (Net of Refunds)	9,850,040	1,742,740	8,107,300	465 %
Developer Capital Contributions - Other	4,217,497	327,235	3,890,262	1,189 %
Developer Facility Charges (Net of Refunds)	3,259,405	4,427,046	(1,167,641)	(26)%
Contributions from Others	—	—	—	— %
Contributions from Other Governments	482,937	1,286,629	(803,692)	(62)%
Net Capital Contributions	20,687,943	10,265,608	10,422,335	102 %
CHANGE IN NET POSITION	\$ 37,709,068	\$ 21,437,483	\$ 16,271,585	76 %



STAFF REPORT

TO: Board of Directors
THRU: John R. Zimmerman, General Manager
FROM: Marci Westlake, Manager Customer Service
Kim Mazerres Ombudsman
DATE: December 3, 2024
SUBJECT: **Report regarding Ombudsman activities from December 2023 through November 2024 and request for Board direction and possible authorization for the General Manager to proceed with Kim Mazerres as Ombudsman for Calendar Year 2025**

Summary

Ms. Mazerres has been TMWA’s ombudsman since December 2022. In that time, Ms. Mazerres has been diligent with handling customer issues and has had a productive working relationship with TMWA staff. Staff asks the Board to authorize the General Manager to proceed with Ms. Mazerres as Ombudsman for Calendar year 2025. Ms. Mazerres has prepared a report for her past year’s work for TMWA (attached). TMWA pays Ms. Mazerres \$6,250/year for her services.

Recommended Motion

Move to authorize the General Manager to proceed with Ms. Mazerres as Ombudsman for the Calendar year 2025 under the same terms and conditions of the current contract.

Calls from December 2023 through November 2024

	Claims	Customer Service	High Bill	Collections	Conservation	Service Line Replacement	Field	New Business	Unknown	Other	Total
Complaint		6	3	1	1	2	6	1			20
Inquiry	1	11	2			3	1	1	14	6	39
Total	1	17	5	1	1	5	7	2	14	6	59

Ombudsman Calls

Listed in order of most recent

<u>Date</u>	<u>Time</u>	<u>Name</u>	<u>Issue</u>	<u>Status</u>
11/20/2024	11:55 AM	unknown	No message left, and number is the main line for the business.	Left message on main number to have someone call back, if needed.
11/19/2024	10:10 AM	unknown	Current bill is \$112.98, when it is usually less than \$30 this time of year.	Conservation Lead determined customer had a leak based on hourly meter readings. She contacted customer on 11/19, and will visit her the afternoon of 11/20 to try and determine source of the leak.
11/15/2024	2:00 PM	unknown	Person wanted to know who to call at Washoe County to find out how far he has to put a septic system leach field from a community well (not TMWA's).	Advised him to call 311, and they can direct him.
11/15/2024	12:40 PM	Jonnie	Email regarding problem with paperless billing	Forwarded to Customer Service Manager to handle.
11/2/2024	10:00 AM	Lee	Her husband recently passed away, bill is in his name, and she hasn't yet received the checks in her name in order to make payment.	Emailed Customer Service Manager to have someone call her on Monday to give her extra time to pay the bill.
10/30/2024	9:10 AM	Grace	Customer inquiring about water and sewer fees to open a sandwich shop in an existing shopping center.	Advised customer to call David Nelson in Water Resources at 834-8021 for any water fees and the City of Sparks for any sewer fees.
10/24/2024	11:10 AM	Jim	Customer upset regarding lack of communication around changing out his water meter for a smart meter.	Customer simply wanted me to relay his concerns to the proper individuals, which I did. Amanda Filut promised to speak to the appropriate individuals about the issues.
10/16/2024	1:30 PM		No message left.	I called the customer, and she simply wanted to thank TMWA for the information sent in the bill on conservation when she had a high bill. She found and fixed a leak in her sprinkler system. She reiterated she was extremely grateful for the information provided in the bill.
10/16/2024	10:50 AM	Paul	Extremely high water bill for this month, with it having been high for the past few months. He only has a drip system.	Asked Shannon to follow-up with the customer. Left message for the customer advising that someone from Conservation would contact him.
10/11/2024	9:00 AM	Tom	Latest bill was for 191,000 gallons. Usual bill is 8,000 - 9,000 gallons. Call Center ordered a Water Usage Review. He thinks newly installed meters in his area are wrong -- some neighbors have exorbitant bills and others have zero bills.	Asked Shannon to follow-up with the customer. Left message for the customer advising that Shannon from Conservation would contact him. Shannon determined that an incorrect meter read had been used. Customer was informed and provided a corrected bill.

Ombudsman Calls

Listed in order of most recent

<u>Date</u>	<u>Time</u>	<u>Name</u>	<u>Issue</u>	<u>Status</u>
10/10/2024	3:17 PM	Brian	Customer wants to make a payment arrangement after he had promised to pay entire bill on 10/11.	Marci made notes on the account to allow a payment arrangement. I called customer back to advise him to contact the Call Center, who would make a payment arrangement with him.
9/24/2024	10:30 AM	Jim	Customer has property along the Verdi canal. Needs information on building of a bridge over canal and remediation post-fire.	Met with customer. He is satisfied with where everything is at right now with TMWA staff regarding the bridge. Referred him to Kara Steeland for additional remediation / revegetation info.
9/24/2024	8:20 AM	Fred	Customer getting dust and dirt blowing into neighborhood from Highland Reservoir land.	Referred him to Ryan Dixon (Facilities).
9/19/2024	3:10 PM	Tina	Customer is a property manager who has had pressure issues at multiple properties that she manages.	Referred to Marci, asking the customer to email all property addresses and details of issues.
9/19/2024	9:15 AM	Unknown	Customer did not leave message.	Called back. Main corporate number, so they had no idea who had called.
9/19/2024	7:05 AM	Steve	Water in crawl space. Customer is adjacent to Highland Flume and thinks it may be coming from there.	Referred customer to Bill Hauck. Bill shut the ditch off a week early and is working with the customer to file a claim.
9/16/2024	11:40 AM	Unknown	No message left	When I called back, the customer's issue had already been resolved. She was very satisfied regarding the handling of a credit problem.
9/14/2024		Jennifer	Neighbor wanted to know about the OneWater Project.	Told her everything I knew and then referred her to Lydia Teel for additional information.
9/10/2024	1:00 PM	Unknown	No message left	Left message for the customer to call me back if needed.
9/10/2024	11:45 AM	Unknown	No one on the end of the line when I answered.	Called customer later in the day. Did not recall calling the Ombudsman line.
9/5/2024	11:35 PM	Robert	Paid New Business development fee at front desk. TMWA was subsequently requiring more money to be paid, and customer did not agree with the calculation. PUCN referred him to the Ombudsman.	David Kershaw, Engineering Manager, worked with customer to address his concerns, which were handled to the satisfaction of the customer.

Ombudsman Calls

Listed in order of most recent

<u>Date</u>	<u>Time</u>	<u>Name</u>	<u>Issue</u>	<u>Status</u>
8/30/2024	4:40 PM	Teresa	Water has been shut off for non-payment; doesn't get paid until 9/11, and needs it back on as 92 year old mother in the house. Was also upset that CSR told her she would have to go down to the office to talk to someone about it.	Per Marci, customer owes nearly \$250 and has not made a payment since March. Called customer back and told her there was nothing else I could do for her, given her payment record. Customer asked if she could make a partial payment on Tuesday, and the rest on the 11th. Advised to call the office on Tuesday -- gave her supervisor's name and direct line.
8/30/2024	4:35 PM	?	No message left.	Appears to be spam call when I tried to return it.
8/28/2024	3:40 PM	Dina	Customer left message upset about having been cut-out-for-non-payment and once she paid being told that TMWA has until the next day to get water turned back on.	By the time I called her back water was already on, and had been turned on about 45 minutes after she called me.
8/21/2024	4:50 PM	Carl	Two questions: Questions about a new development on the Mount Rose fan and about qualifications to be on the TMWA Board.	Customer and I had a lengthy discussion about TMWA, its leadership team and its Board. He indicated he did not have any further questions about the agency or its staff, but he would like a call from a board member to discuss both the Toll Brothers development and the board itself. Sent an email request to both the Chair (Duerr) and the Vice Chair (Andriola) requesting they contact the customer.
8/2/2024	2:25 PM	Julie	Standing water in her yard. Trying to get TMWA's assistance to figure out where it is coming from.	Conservation had been out to investigate, but has not called her back with results. Has not been able to get through on the main phone number. I spoke with both conservation, Marci and the customer multiple times over a two week period. TMWA went above-and-beyond in trying to help the customer identify where the water is coming from. Ultimately, a leak at a city park above them is what was determined as the likely culprit.
7/31/2024	3:30 PM	Brian	Ex-roommate left bill in her name. He is unable to get any information about the account.	TMWA got the water into the customer's name and he took responsibility for the charges on the ex-roommate's account.
7/30/2024	10:25 AM	Unknown	No message left.	Tried to call customer back. Appears to be a spam call.

Ombudsman Calls

Listed in order of most recent

<u>Date</u>	<u>Time</u>	<u>Name</u>	<u>Issue</u>	<u>Status</u>
7/26/2024	11:35 AM	Janice	She is the landlord for this rental property. Wants historical water use.	Because the water has only been in multiple tenants' names, TMWA does not give out specific monthly information about the accounts in order to protect the tenant's privacy. I was able to get average annual water use for her for the last six years.
7/3/2024	11:45 AM	John	Customer wanted to know if the service line warranty mailers were legitimate.	Assured customer they were legitimate and also advised him to call his homeowner's insurance company to see if they cover.
6/12/2024	1:15 PM	Steve	Customer has had pressure problems since he built the home four years ago. Wants to increase the size of his service line.	Advised customer that a technician will measure the pressure tomorrow, and contact him with the results. Advised that a plumbing fix might be the less expensive solution, as opposed to increasing the size of the service line. Gave contact information for New Business in order to explore that option and whether or not it would solve the problem. Technician found a problem with original service line installation; TMWA crew was dispatched to put in a new service line, which solved the problem.
6/5/2024	5:35 PM	unknown	No voice mail left. Called customer back. She wanted to know how to start water service.	Gave customer Call Center number and hours.
5/23/2024	10:20 AM	Chris	Wants to cancel service. Does not know account number.	Called Call Center and asked them to call the customer. Followed up with customer to advise.
5/22/2024	7:45 PM	unknown	Wrong number.	
5/20/2024	3:15 PM	Steven	There is confusion between customer's account and his deceased mother's account. He took over her home and believed her final bill to be paid, yet a balance has been transferred to his account.	Referred to Marci. A check was also sent to the customer last Friday for \$93. She will straighten out the two accounts and contact the customer.
5/13/2024	1:16 PM	unknown	No message left.	Called customer back 3 times. No answer. Voice mail not set up.
5/9/2024	4:35 PM	Matt	No message left.	Called customer back. He was looking for Bill Hauck's phone number and had found it.

Ombudsman Calls

Listed in order of most recent

<u>Date</u>	<u>Time</u>	<u>Name</u>	<u>Issue</u>	<u>Status</u>
5/9/2024	2:42 PM	Susan	Customers was cut out for non-payment last Fall. Said she has had no communications from the Collection Agency and can't get ahold of anyone there. She wants to know what she needs to do to get her water back on.	Marci confirmed that customer needs to be dealing with the Collections Agency in order to pay what she owes in order to get her water back on. I then called them (BPCS), got ahold of someone immediately, and asked them to contact the customer. Left customer a message asking if BPCS had gotten ahold of her, and advising her to call if she had further concerns. She called back. Said BPCS had not called her, she is going to get an attorney. I called BPCS, who indicated they had called her (left a message). Customer called back again and wanted to know what time the Board meeting is on 5/23 -- gave her time and location. She did not show up at the meeting.
5/2/2024	1:17 PM	unknown	No message left. Called anyway. Business number.	Never received a return call from two messages left -- one on machine and one in person.
5/1/2024	9:30 AM	unknown	No message left. Called anyway. High bill (51,000 gallons last month). She called Conservation after she called me. They are going out tomorrow to "check the meter."	Ultimate resolution: customer had a leak on the irrigation system.
4/15/2024	2 calls mid	Jane	Left message asking how to remove blue paint left from Call Before You Dig for a tree planting.	Customer resolved it herself prior to call back. Told her that she did exactly what I would have advised her to do (used a wire brush and elbow grease).
4/11/2024	10:15 AM	Katherine	Received service line insurance letter. Wanted to know if it was legitimate. Was going to call her homeowner's insurance.	Explained it was. Explained what she owned and what they would insure (from meter to house). Advised she talk to her homeowner's insurance agent.
4/11/2024	7:35 AM	unknown	No message left.	Called customer and left message.
4/8/2024	9:50 AM	unknown	No message left.	Called customer, who had already gotten an answer about construction water.
3/20/2024	11:30 AM	unknown	No message left.	Called customer -- business number with a phone tree. So, did not reach anyone.
3/13/2024	10:35 AM	Diane	No message left.	Called customer, who had solved the problem.
3/12/2024	9:50 AM	Christie	TMWA came out unannounced to fix a leak on water service line. Concerned because they would be digging up her driveway, and when she called the call center the representative was rude and unhelpful.	Prior to my return phone call, customer had gone in to the office and the representatives in the front office had answered all her questions and allayed all her concerns. She was very appreciative of them.

Ombudsman Calls

Listed in order of most recent

<u>Date</u>	<u>Time</u>	<u>Name</u>	<u>Issue</u>	<u>Status</u>
3/5/2024	12:07 PM	Michelle	TMWA has been doing construction off-and-on for months. No notice given. They were digging near her truck and she also had safety concerns.	Referred her to Andy Gebhardt, as she had already spoken to Brent Smith by the time I called back. Brent was courteous and apologetic, but did not solve the problem.
3/4/2024	7:29 AM	unknown	Appeared to be a robocall. Callback number was 844-709-7058.	When I called back, it was a Spectrum Mobile sales line.
2/29/2024	3:05 PM	unknown	No message left.	Called customer. He had called the wrong number. Needed to speak to Call Center, who he had already contacted by the time I talked to him.
2/16/2024	2:30 PM	Tony	No message left.	Called customer several times. No return call. Phone number not on any TMWA account, per Marci.
2/13/2024	12:30 PM	Gabby (and Warren)	Customer left voice mail stating she didn't understand her latest bill.	Referred to Marci, who called customer. Customer had overpaid her January bill, so she had a credit on the account.
1/17/2024	2:13 PM	unknown	No message left. Called anyway. They had been cut-out-for-nonpayment and were wondering when the water would be on.	By the time I called back later that day, the water was on.
1/12/2024	3:20 PM	Marty	Called about service line letter, which contained incorrect information. When he spoke to a Call Center Representative about, she was very rude.	Reported incident to Marci.
1/12/2024	11:54 AM	Diana	Wanted to report known issues about service line insurance company.	Gave customer Marci's and Andy's contact information so she could speak with them directly.
1/9/2024	2:51 PM	Jim	Wondered about the legitimacy of the service line warranty letters he has been receiving, as well as how it works for a condo.	Informed customer that letters and service are legitimate, and to contact the line insurance company and/or his HOA about his condo question.
12/21/2023	10:16 AM	Don	Wanted to know how to file a claim, as a recent main break had caused damage.	Referred him to Kevin Comphel to file the claim and to Andy Gebhardt for details on the break.
12/21/2023	10:14 AM	unknown	Appeared to be a robo/spam call, based on message left.	Unable to return call (incomplete number left).

Water Supply Update

Board of Directors Meeting

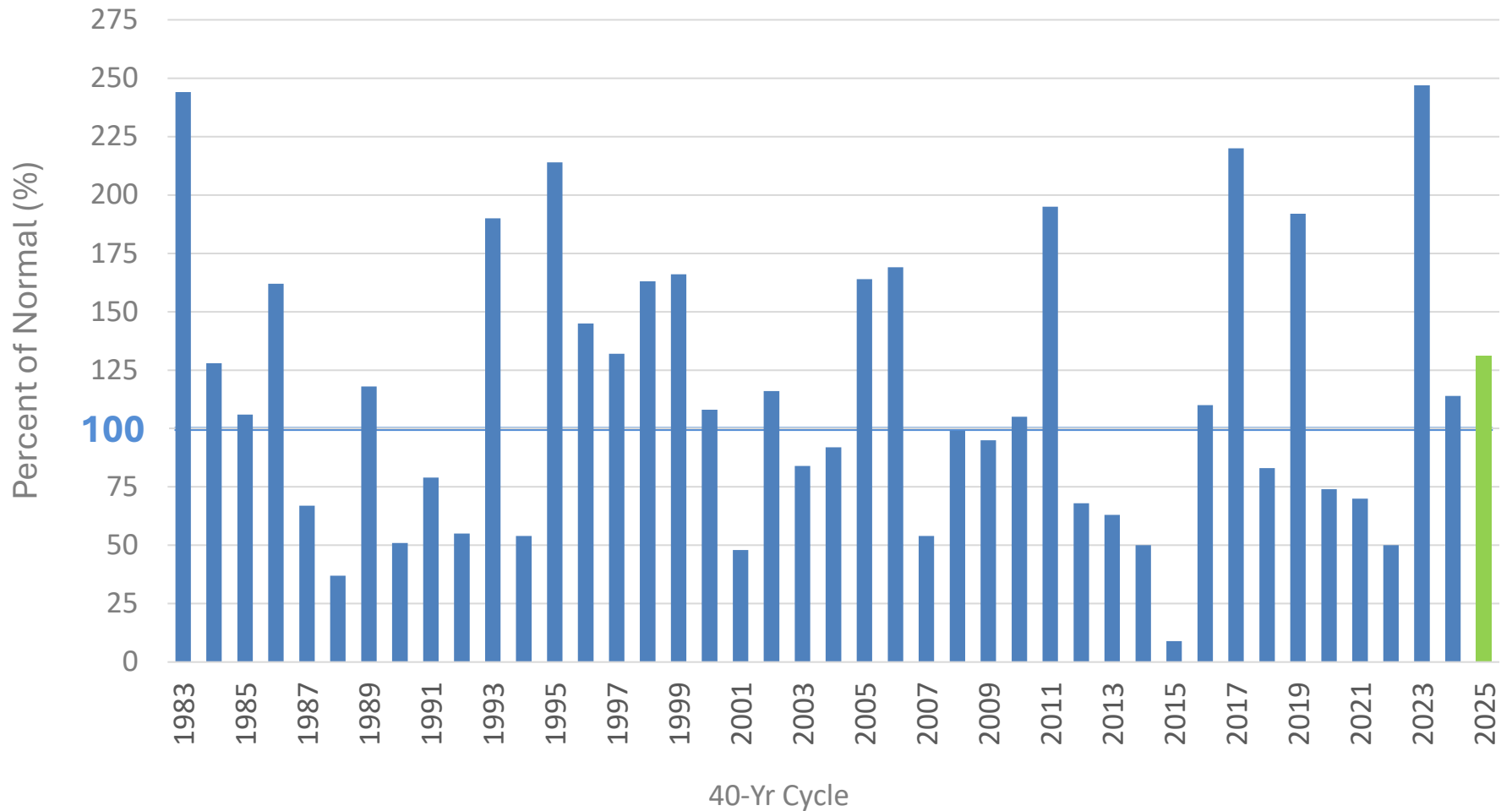
December 12, 2024



**Truckee Meadows
Water Authority**

Quality. Delivered.

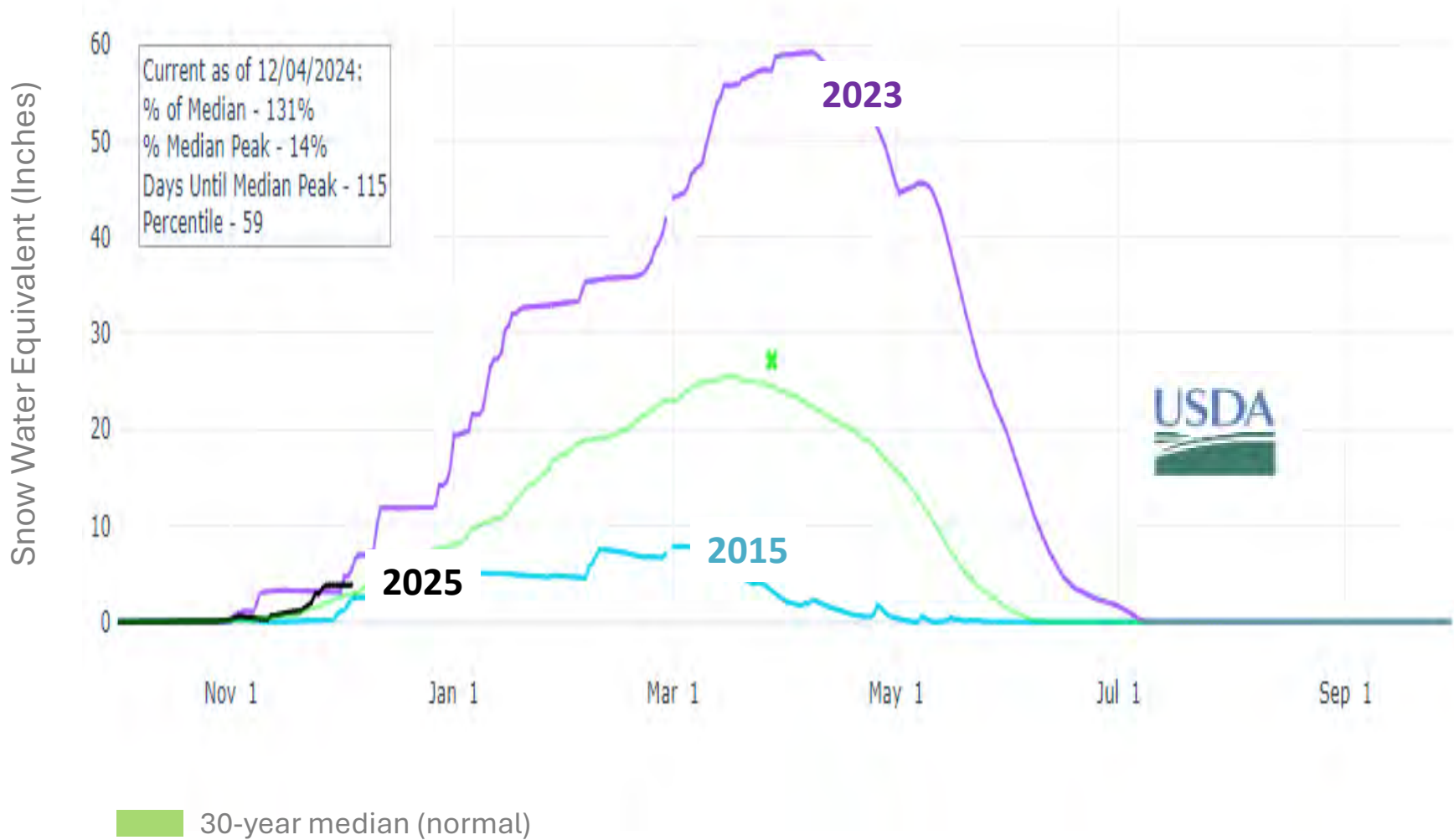
April 01 Lake Tahoe Basin Snow Water Equivalent (NRCS)



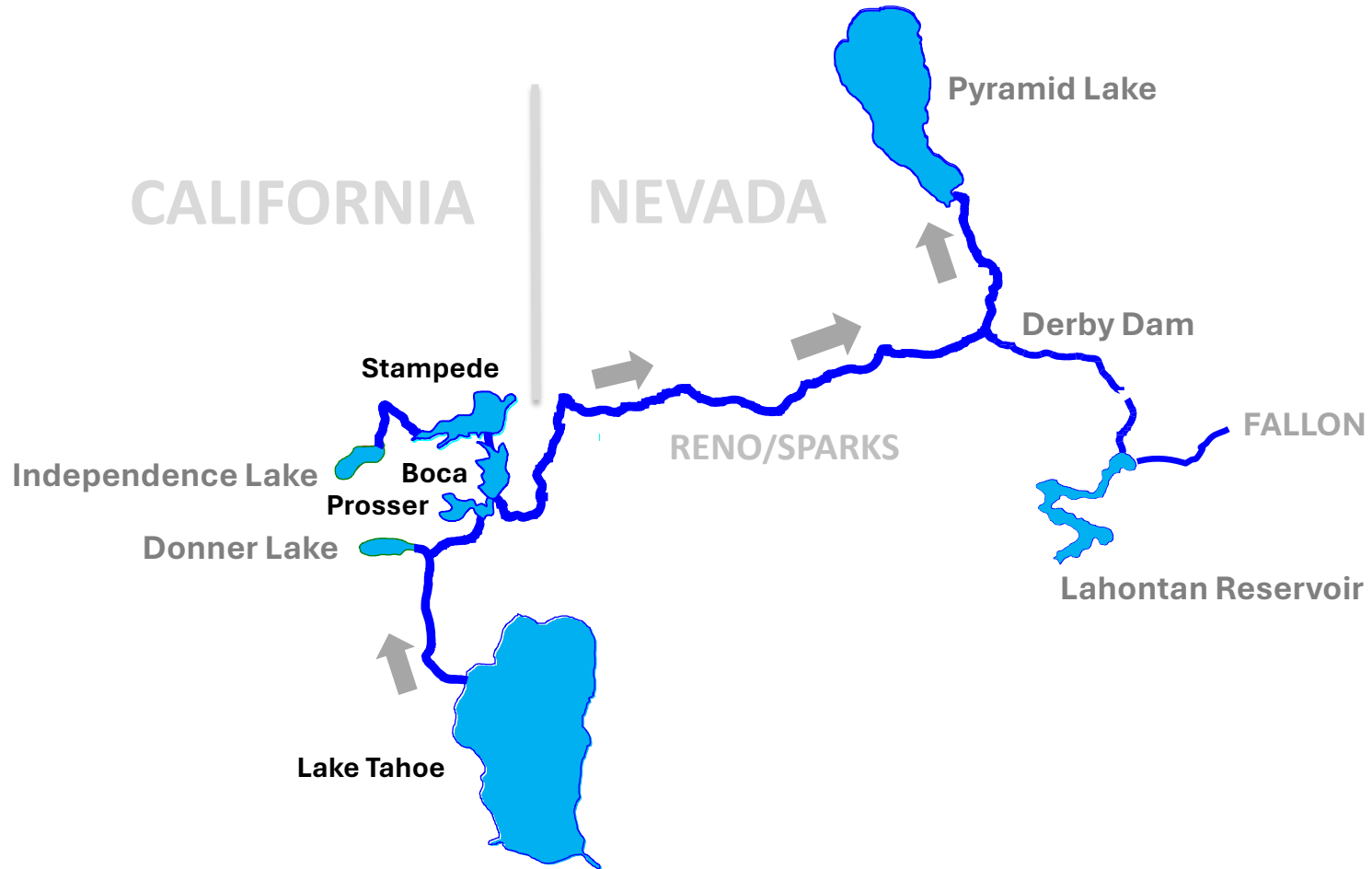
as of 12/04/2024



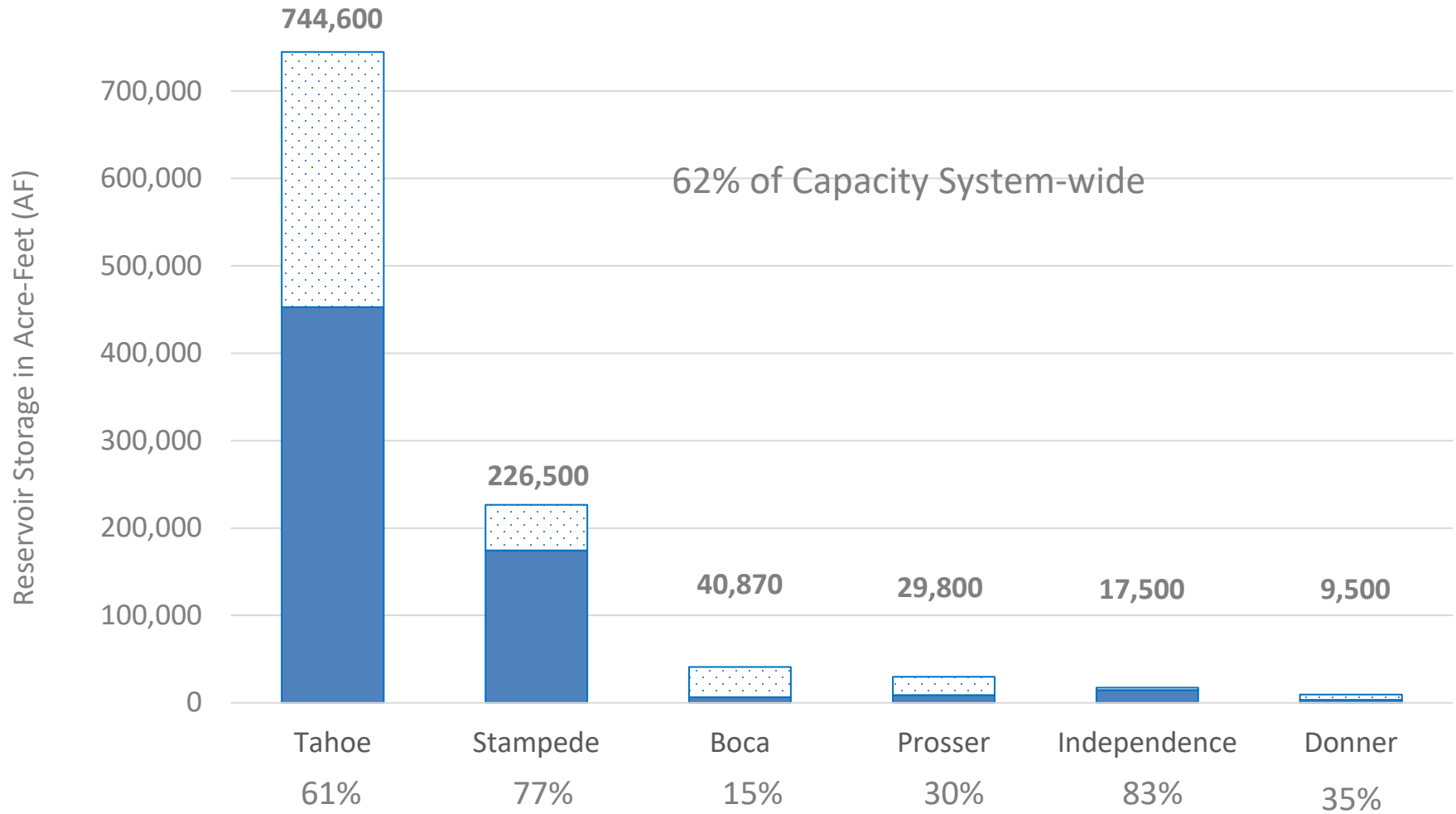
Lake Tahoe Basin Snowpack Comparison (SWE)



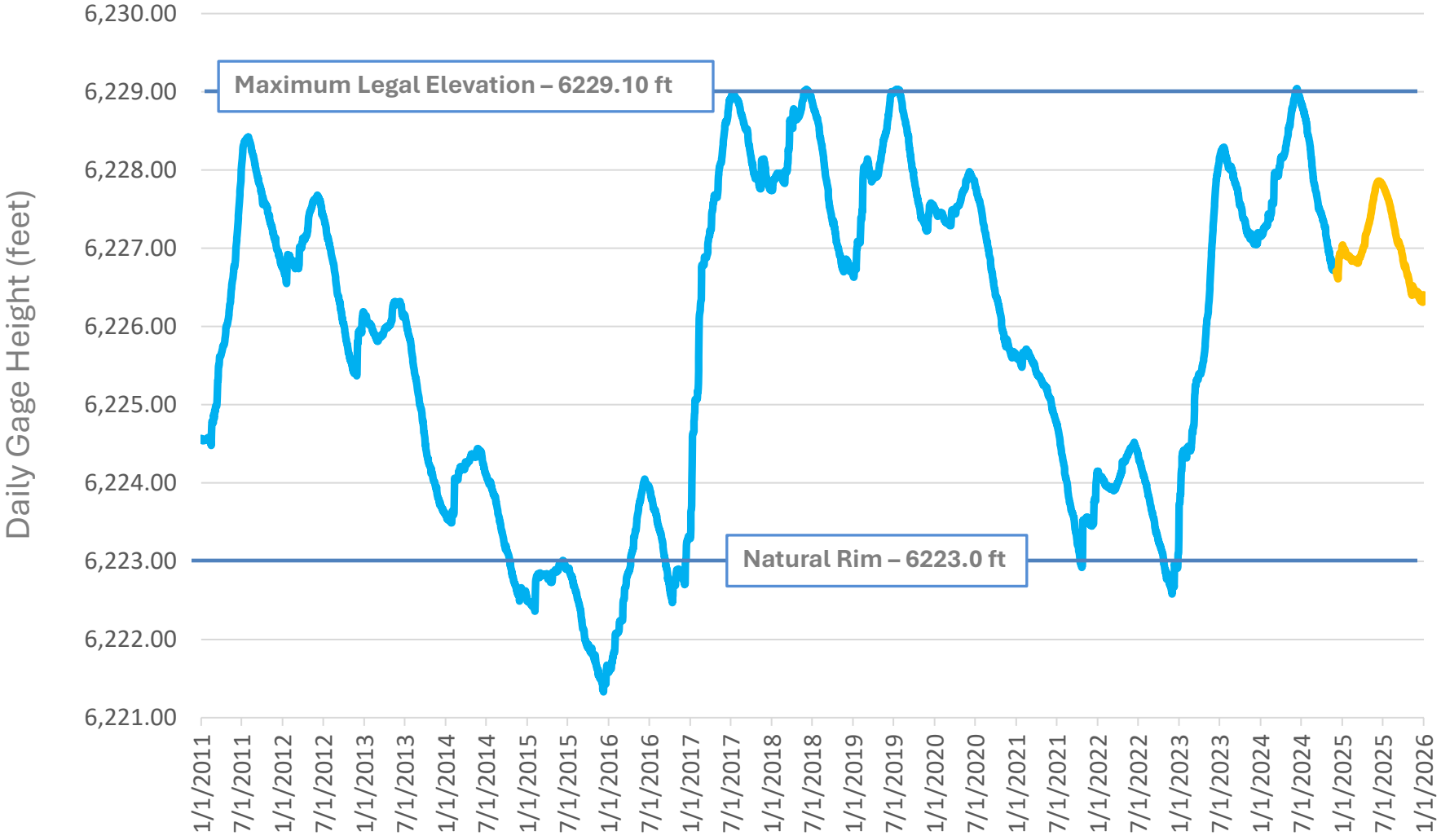
Truckee River System



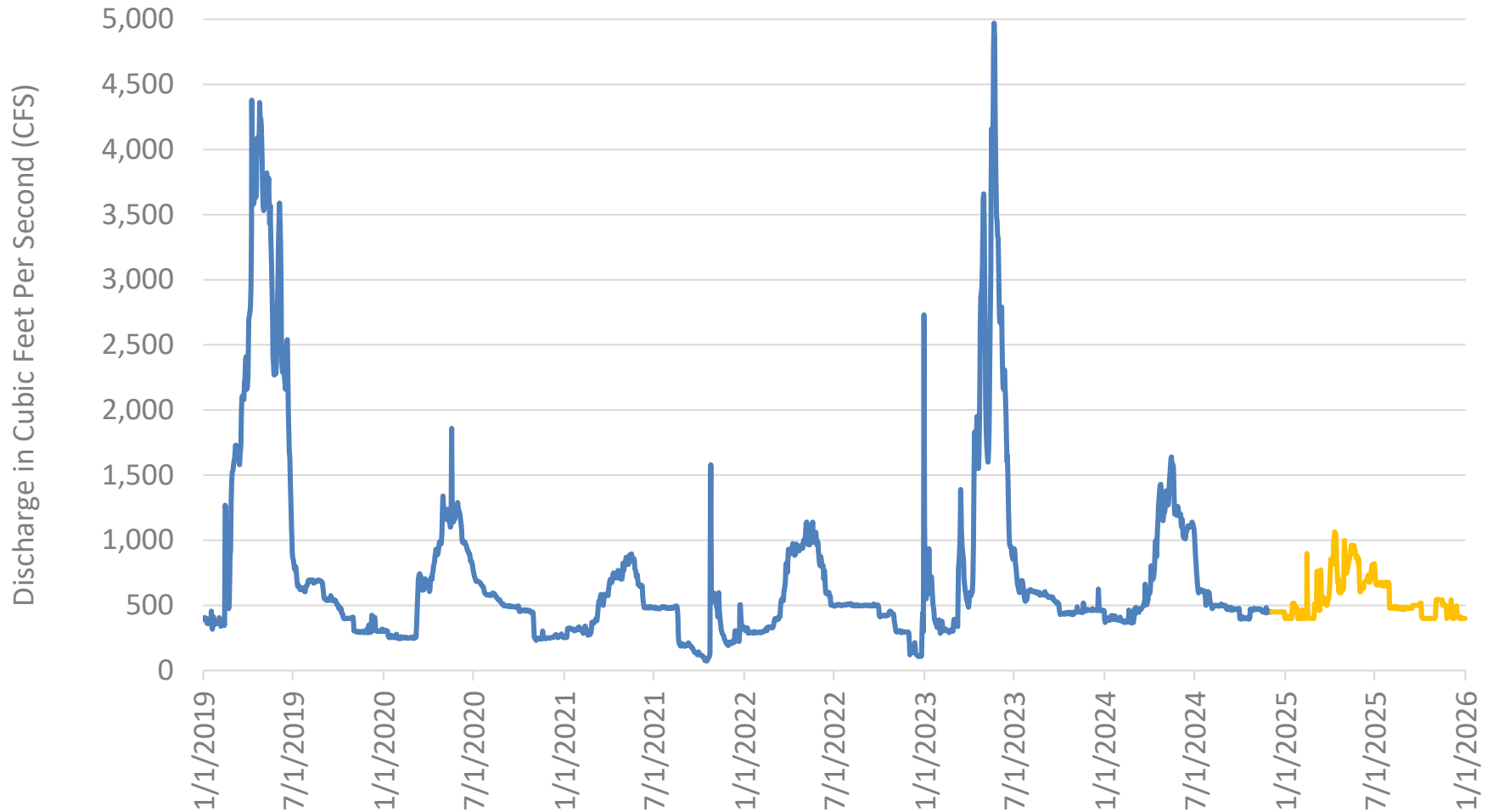
Truckee River System Storage (05 Dec 2024)



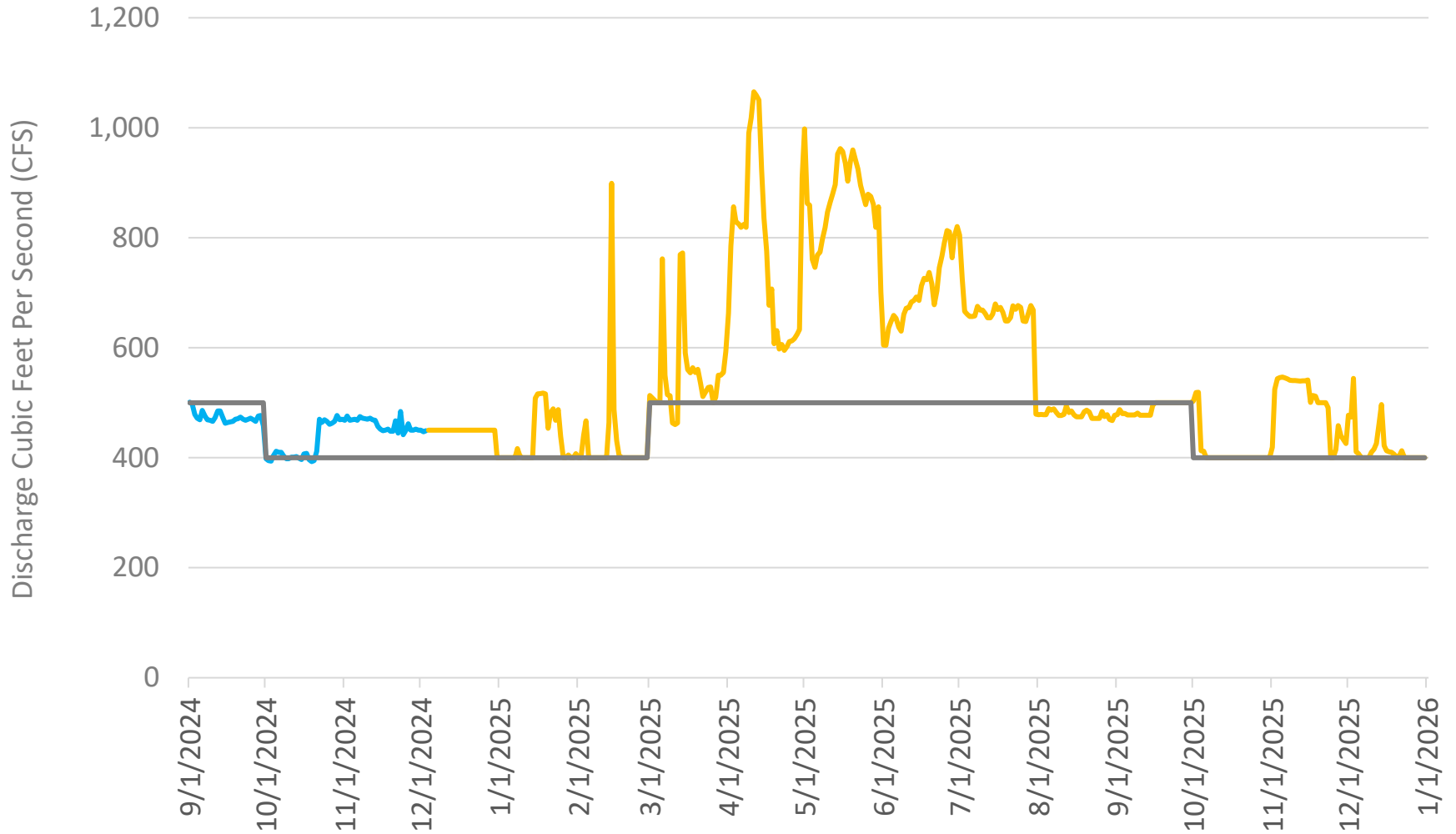
Lake Tahoe Elevation Actual and Projected (2011-2025)



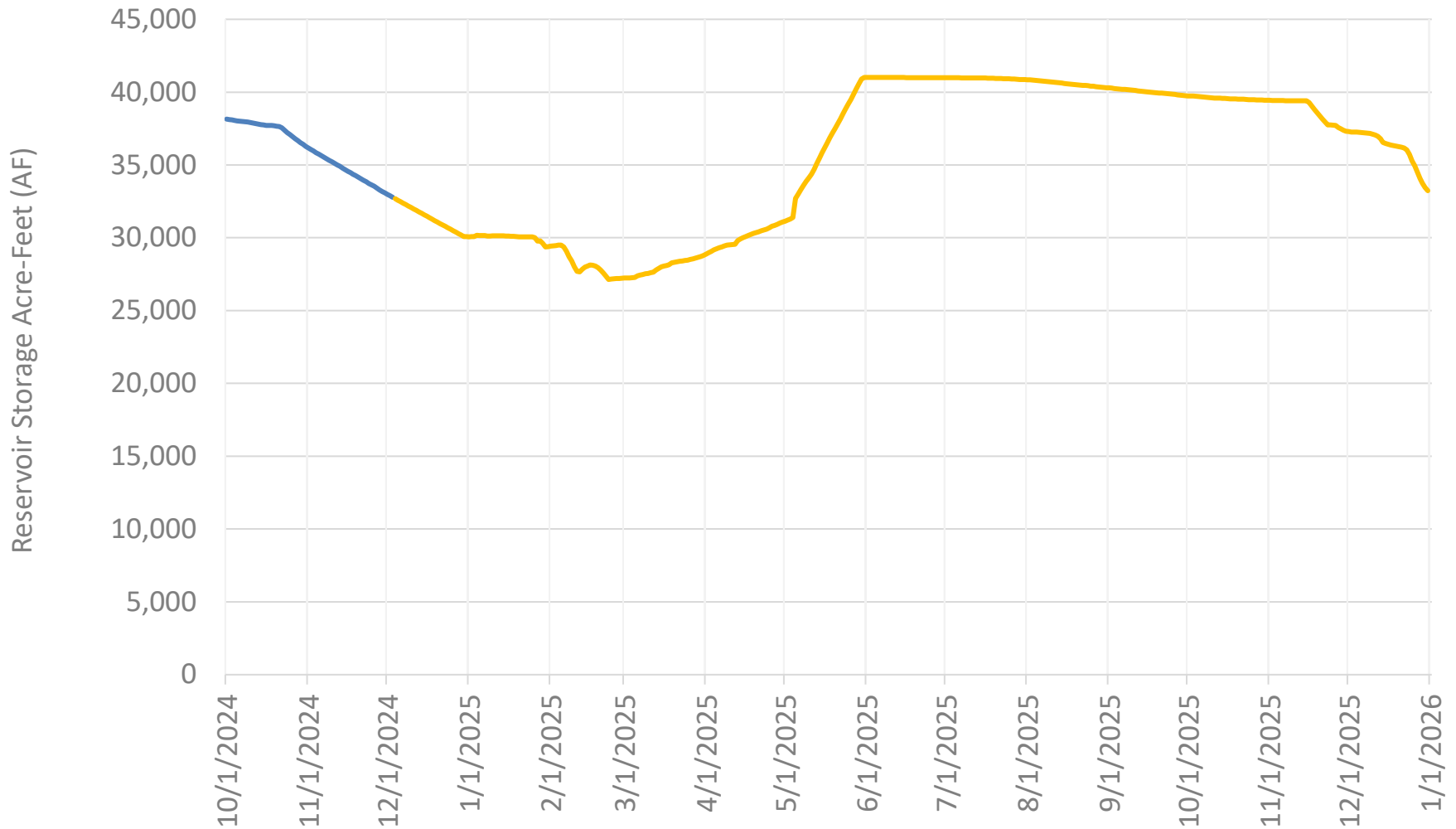
Actual and Projected Truckee River Flow through 2025 @ CA/NV State Line



Actual and Projected Truckee River Flow at Farad through 2025



Projected Total TMWA Upstream Storage through 2025



U.S. Drought Monitor

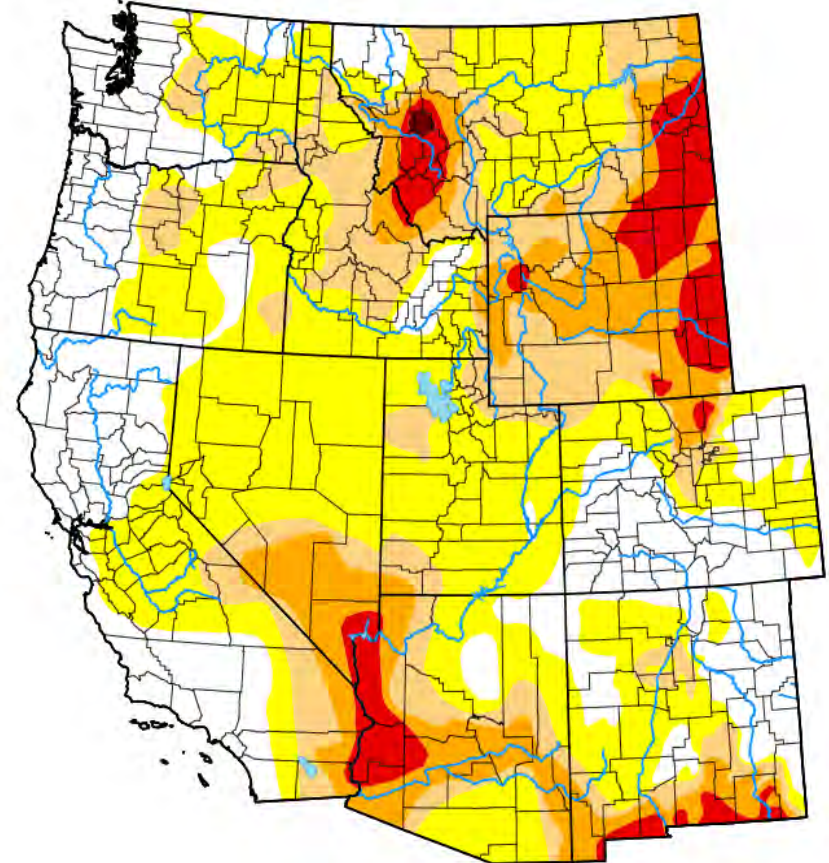
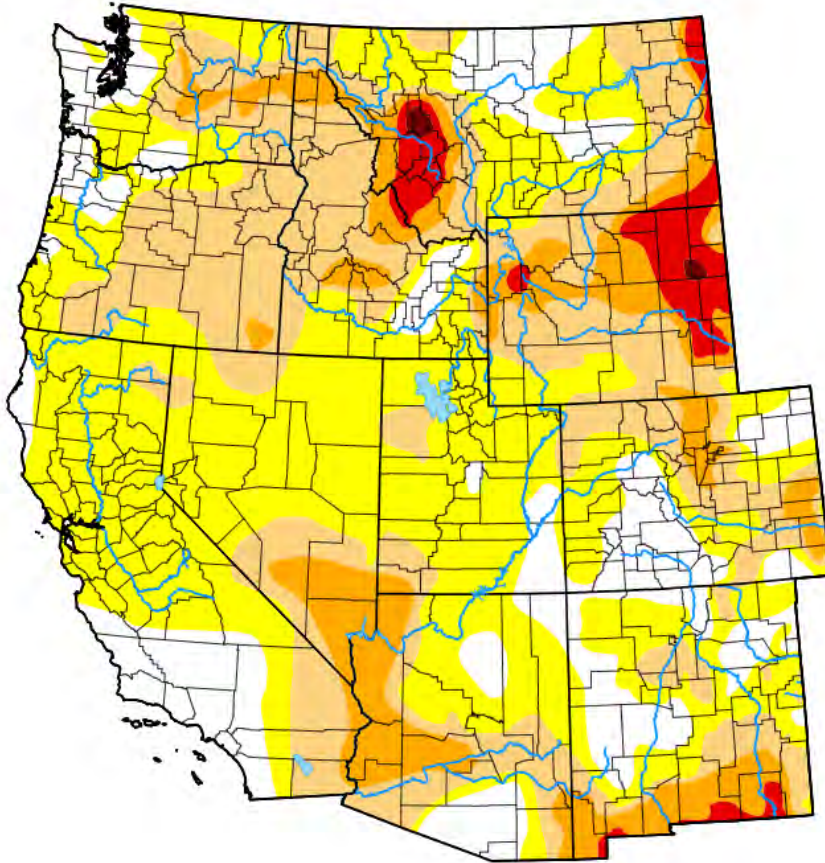
West

Map released: Thurs. October 10, 2024

Data valid: October 8, 2024 at 8 a.m. EDT

Map released: Weds. November 27, 2024

Data valid: November 26, 2024 at 7 a.m. EST



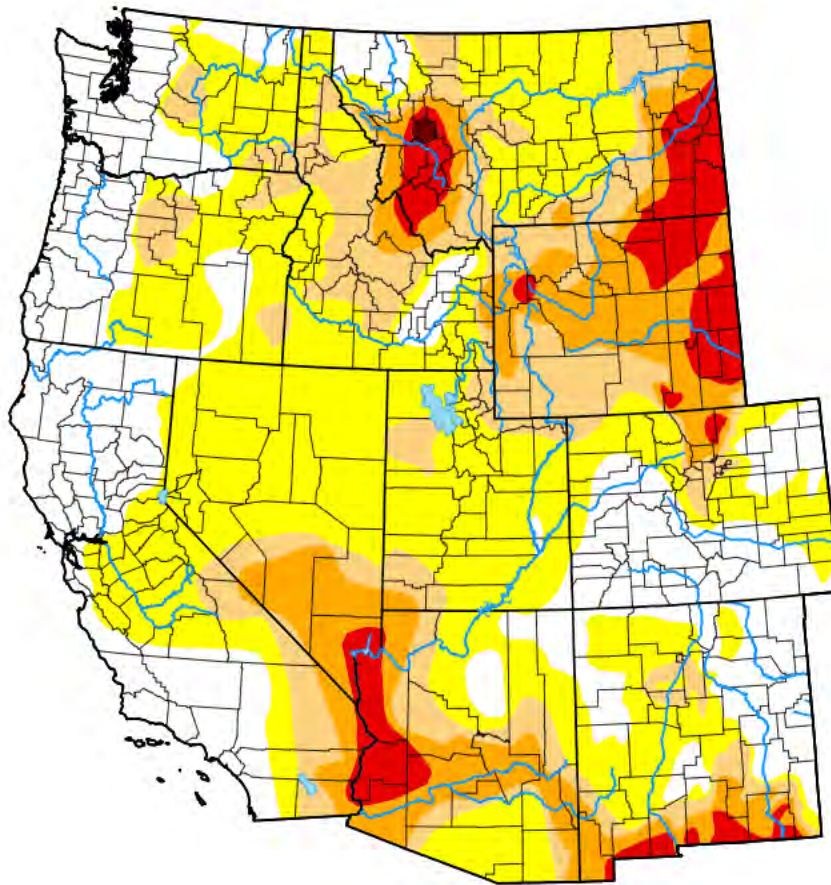
U.S. Drought Monitor

West

[Home](#) / West

Map released: **Weds. November 27, 2024**

Data valid: **November 26, 2024 at 7 a.m. EST**



Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data



The U.S. Drought Monitor is produced through a partnership between the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture and the National Oceanic and Atmospheric Administration.

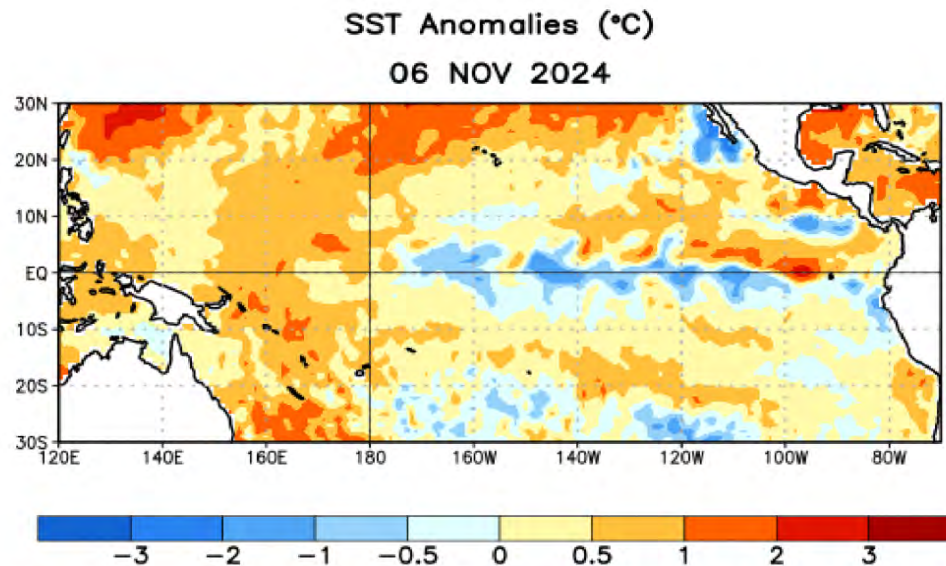
National Drought Mitigation Center
University of Nebraska-Lincoln

Climate Prediction Center (CPC) Nov 14, 2024 ENSO Alert System Status:

La Niña Watch

La Niña is still favored to emerge this month (57% chance) and is expected to persist through January-March 2025

- **A weak-short duration La Niña is still projected**
- Implies that it would be **less likely to result in conventional winter impacts**, though predictable signals could still influence the forecast guidance (e.g., CPC's seasonal outlooks)



In summary, La Niña is favored to emerge (57% chance) and is expected to persist through January-March 2025

Figure 1. Average sea surface temperature (SST) anomalies (°C) for the week centered on 6 November 2024. Anomalies are computed with respect to the 1991-2020 base period weekly means.

NOAA 10-day Precipitation Outlook

Precipitation (in)
during the period:

???, 05 DEC 2024 at 12Z

-to-

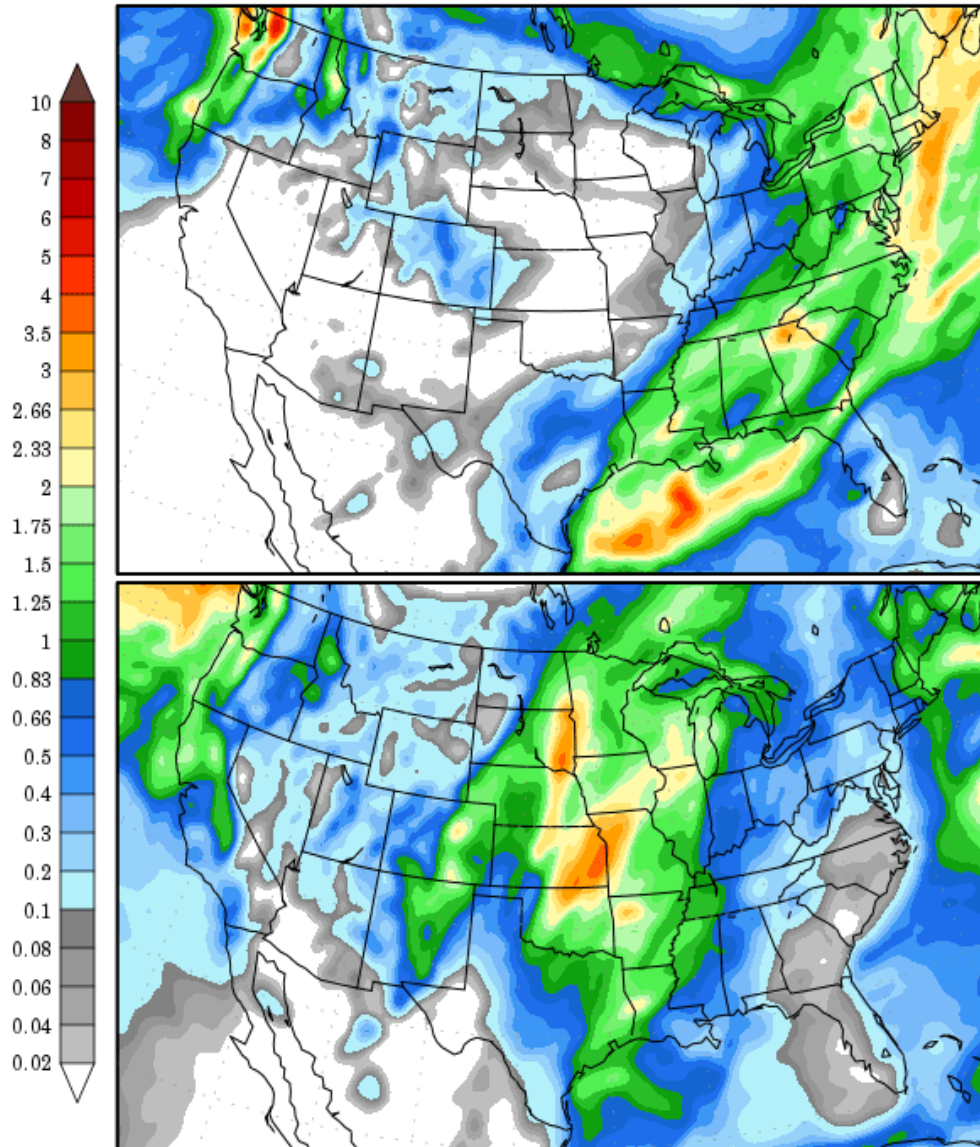
???, 13 DEC 2024 at 12Z



???, 13 DEC 2024 at 12Z

-to-

???, 21 DEC 2024 at 12Z





Thank you!
Questions?

Bill Hauck, Water Supply Supervisor
Email: bhauck@tmwa.com
O: (775) 834-8111 M: (775) 516-0601



STAFF REPORT

TO: Board of Directors
FROM: John R. Zimmerman, General Manager
DATE: December 4, 2024
SUBJECT: Review and possible direction to staff regarding adopted General Manager and TMWA Goals and Objectives for fiscal year 2025

DISCUSSION

In October the Board adopted the attached General Manager and TMWA goals and provided direction to staff regarding a few modifications and requests for information concerning other items, all of which are described below. The Board directed staff to bring the adopted goals to the Board in December so that members who were not present in October would have a chance to provide input. Attached are the General Manager and TMWA goals and objectives for this fiscal year, which were discussed and approved (with certain requested changes) by the TMWA Board in October.

The proposed changes and requests for information discussed at the October Board meeting are described below.

Direction regarding General Manager Goals for FY25

1. The Board directed the General Manager to continue to pursue grant funding opportunities for projects and coordinate with local jurisdictions regarding the same. This is part of the General Manager's goals under Ongoing Operational Objectives, section f. Staff will continue to pursue this goal with an emphasis on coordinating with local jurisdictions where appropriate.
2. The Board directed the General Manager to continue to consider whether approved rate increases may be deferred in the future. This is included within General Manager goals under Specific Objectives, section 6 and will be part of Mr. Bowman's annual funding plan update in October. Staff will continue to monitor the need for the approved rate increases throughout the year.
3. The Board directed the General Manager to coordinate with Western Regional Water Commission regarding publication of water quality data. This has been added to General Manager goals under Specific Objectives, section 2.

Direction regarding TMWA Organizational and Department Goals for FY25

1. The Board requested staff provide an overview of TMWA water system pressure management and standards and update the Board regarding back-up electrical generation status. Staff will present on these items at the December Board meeting.

2. The Board requested staff update the Board as appropriate with potential water system consolidations. This proposed goal is included in the General Manager’s goals under Specific Objectives, section 3: “Continue analyzing water supply options related to fringe area development where private systems exist, make recommendations to Board and follow Board direction regarding same.” Staff will continue to update the Board as appropriate with consolidation discussions similar to the manner in which the West Reno Water Company/Boomtown water system consolidation occurred. Staff is not evaluating any consolidations at this point, but has been involved in discussions regarding the Verdi Meadows Water Utility and Sky Ranch.

3. The Board directed staff to continue to work on process improvements to increase efficiencies and coordinate with other utilities and agencies on potential permitting efficiencies. This is covered under General Manager goals, General Objectives, section E, and Specific Objectives, Section 6. Additionally, and more-specifically, a TMWA Engineering Department goal for this fiscal year is to “Publish TMWA Water Project Design Plans Preparation & Submittal Guidance Document” by January 2025 (see, Engineering & New Business, Goal 8). This guide is intended to assist local developers, consultants, and contractors navigate TMWA’s new business process more efficiently.

4. Under Safety, staff proposed a change to the safety objectives and to benchmark against internal performance. The Board requested staff continue benchmarking against known performance indicators for injury incidents in addition to benchmarking against internal performance. For simplicity of reporting, staff proposes to benchmark injury incidents against published BLS data and will inform the Board of internal performance as part of the annual goal results. The safety goal as revised is shown in the table below.

Proposed Amendments:

	OBJECTIVES	AWWA BENCHMARK/ INDUSTRY STANDARD	MEASURE	TARGET
SAFETY				
1	Track Total Recordable Incident Rate (TRIR) and maintain a rate at or below the incidence rates of nonfatal occupational injuries and illnesses for Local government Water, Sewage and Others systems - Bureau of Labor Statistics (BLS), 2022.	BLS table of incidence rates of non fatal occupational injuries and illnesses by industry - NAICS 2213.	TRIR	≤5.4
2	Track Days Away, Restricted, or Transferred (DART) Rate and maintain a rate at or below the incidence rates of nonfatal occupational injuries and illnesses for Local government Water, Sewage and Others systems - Bureau of Labor Statistics (BLS), 2022.	BLS table of incidence rates of non fatal occupational injuries and illnesses by industry – NAICS 22.13	DART	≤2.8
3	Track vehicle collisions Per Million Miles (PMM) and compare to TMWA average.	Less than or equal average = improving collisions PMM.	CY15-CY23 # of collisions PMM average	≤5.43

RECOMMENDED MOTION

Move to approve the additions to the General Manager and Organizational goals as described in the staff report.



GENERAL MANAGER’S FY 2024-2025 GOALS

GENERAL OBJECTIVES	
A	Direct the preparation of and propose financial plans, investment strategies, funding plans and adjustments to rates and charges that will continue to keep TMWA in long term financial stability; including preparation of budgets and Capital Improvement Plans and financial reporting that comply with Nevada Revised Statutes and the Securities and Exchange Commission (SEC).
B	Develop proactive communications plans to address upcoming issues (e.g., topics affecting water supply, drought planning, regional water issues, utility water system consolidation and rate changes) and to keep all stakeholders including the Board, the employees, and the customers informed through a variety of mediums. Respond to media inquiries and provide informational interviews.
C	Continue having and improve on a community presence for TMWA through the Water Leadership program and participation in community committees, boards, and networking organizations and by providing presentations and information to these groups; offer Truckee River, Chalk Bluff Plant and/or other informational tours to the community.
D	Continue to create a highly productive work environment and a highly motivated employee team by developing, training, retaining and recruiting the highest quality employees.
E	Strive for continuous improvements in processes and operations targeting initiatives that will enhance revenues and/or reduce operating costs thus keeping customer rates as low as possible.
ONGOING OPERATIONAL OBJECTIVES	
a	Monitor federal legislation for opportunities to obtain funding for a variety of TMWA projects.
b	Carefully analyze opportunities to acquire water rights and resources in the market in consideration of current inventory and financial constraints. Ensure adequate resources are available through TMWA’s Rule 7 as directed by the Board.
c	Provide staff support to the Standing Advisory Committee (SAC), the Truckee River Fund (TRF) Advisors, and One Truckee River and ensure communications regarding TRF projects.
d	Manage and direct activities relative to legal issues, keeping the Board informed on all such matters.
e	Update TMWA Administrative Instructions as required to ensure they are compliant with applicable laws and current practices. Deliver updates to the Board and employees, and implement the changes.
f	Minimize cost impacts to customers by maximizing investment and hydroelectric income, pursuing revenue enhancement and collection opportunities, pursuing process improvements and projects that drive savings in TMWA expenses, and actively pursuing grant/low-interest loan funding for projects.

SPECIFIC OBJECTIVES

1	Develop customer communications for 2025, including conservation communication, water supply planning, and detailed public/customer communications/outreach plan - present to the SAC for their recommendation and Board for approval no later than the April Board Meeting.
2	Continue working with city and county staff and Western Regional Water Commission (WRWC) regarding regional water issues (including wastewater, effluent management, stormwater, etc.), regional economic development initiatives, etc. including the OneWater Nevada initiative that includes advancing the American Flat Project, continued pilot testing and analysis related to infiltrating or injecting highly treated wastewater into the ground for later use, assistance with Truckee Meadows Water Reclamation Facility (TMWRF) return flow obligations, etc. Coordinate with Western Regional Water Commission regarding water quality data.
3	Continue analyzing water supply options related to fringe area development where private systems exist, make recommendations to Board and follow Board direction regarding same.
4	Monitor and participate in Legislative activities during the 2025 Legislative Session, prepare and deliver presentations to Legislative Committees as requested, schedule meetings with staff, Board legislative committee members, lobbyists and legislators, keep the Board updated and informed regarding legislative matters, and pursue Board direction regarding Legislative issues. Facilitate open communications between legislators and the TMWA Board.
5	Update the 5-year Funding Plan and present to the SAC and the Board. Propose Board actions based on the results of the planning cycle updates. Implement Board direction with regard to funding plan outcomes.
6	Analyze the need for any necessary rule changes, rate adjustments, water facility charge adjustments, including customer service process improvements, and report results of analysis to the SAC and Board of Directors and follow Board direction regarding same.
7	Continue to develop/refine strategies to optimize conjunctive use of surface water and groundwater resources; further develop/refine drought supply operational strategies; and implement plans.
8	Continue to implement strategies to mitigate pre-merger groundwater conditions on the Mt. Rose fan by maximizing operation of the Mt. Rose Water Treatment Plant and expanding aquifer storage and recovery (ASR) in that area. Encourage workforce development by providing training opportunities and tours.
9	Update succession plan and continue to implement the succession/staffing plan to address and fill vacancies created by retirements. Continue staff development in support of TMWA's succession plan with a focus on leadership and critical position succession. Increase employee communication and input regarding succession planning, workforce development requirements and foster more collaboration.
10	Continue working under the terms of the Memorandum of Understanding (MOU) with Carson City and Storey County, to determine surplus water availability to TMWA from the Marlette Lake Water System.
11	Continue the CMAR design phase for the Advanced Purified Water Project at American Flat. Continue working on operations plan and seeking grant monies to offset costs. Provide periodic updates to the Board at appropriate milestones.

SPECIFIC OBJECTIVES (continued)

12	Continue working on collecting additional information based on the results from the feasibility study of Palomino Farms, and recommend whether or not to move forward with an option agreement involving Palomino Farms, Reno, Sparks and Washoe County.
13	Continue analyzing opportunities to increase water conservation for drought resiliency and mitigate impacts to the upstream watershed to protect water quality and reservoirs, use best available science to evaluate global climate change models applicable to this region, and advise the Board.
14	Continue working with Nevada Division of Environmental Protection and Central Truckee Meadows Remediation District to explore ways to optimize PCE remediation.
15	NEW: Draft the 2025-2045 Water Resource Plan (WRP) based on Board feedback from the August 19 WRP Policy Workshop and present to the Board of Directors in spring 2025, conduct public outreach, and finalize draft for Board approval in September or October 2025.

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GOALS & OBJECTIVES

ORGANIZATION

	OBJECTIVES	AWWA BENCHMARK/ INDUSTRY STANDARD	MEASURE	TARGET
CUSTOMER SATISFACTION				
1	Customers Totally or Mostly Satisfied.	71%-81% = Good 82%-86% = Excellent 86% + = Outstanding	% of residential customer's satisfaction	86%
2	Meet the Faneuil contract requirement of calls answered within average of 35 seconds.		average call answered within 35 seconds	35 seconds
EFFICIENCY				
1	Track customer accounts per employee and compare to national benchmark.	75 th Percentile = 582 Median = 452 25 th Percentile = 375	# of accounts per employee	Top quartile
2	Track average MGD delivered per employee and compare to national benchmark.	75 th Percentile = 0.30 Median = 0.21 25 th Percentile = 0.16	Average MGD delivered per employee	Top quartile
SAFETY				
1	Track Total Recordable Incident Rate (TRIR) and maintain a rate at or below the incidence rates of nonfatal occupational injuries and illnesses for Local government Water, Sewage and Others systems - Bureau of Labor Statistics (BLS), 2022.	BLS table of incidence rates of non fatal occupational injuries and illnesses by industry - NAICS 2213.	TRIR	≤5.4
2	Track Days Away, Restricted, or Transferred (DART) Rate and maintain a rate at or below the incidence rates of nonfatal occupational injuries and illnesses for Local government Water, Sewage and Others systems - Bureau of Labor Statistics (BLS), 2022.	BLS table of incidence rates of non fatal occupational injuries and illnesses by industry – NAICS 22.13	DART	≤2.8
3	Track vehicle collisions Per Million Miles (PMM) and compare to TMWA average.	Less than or equal average = improving collisions PMM.	CY15-CY23 # of collisions PMM average	≤5.43
FINANCE				
1	Meet all bond covenants.		# of bond covenants met	100%
2	Update the 5-year funding plan.		Update completed	100%
3	Preserve or improve TMWA's excellent credit ratings by the three major credit rating bureaus S&P (AA+ stable), Moody's (Aa2 stable) and Fitch (AAA)		Maintain or improve credit ratings of High Grade	AA+/Aa2/AA A – stable or better

OBJECTIVES	AWWA BENCHMARK/ INDUSTRY STANDARD	MEASURE	TARGET	
FINANCE (CONTINUED)				
4	Maintain a low debt ratio.	75 th Percentile = 26% Median = 34% 25 th Percentile = 49%	Debt ratio	Median
5	Sustain a minimum of 550 days of cash reserve.	75 th Percentile = 550 Median = 312 25 th Percentile = 200	# of days of cash reserve	Top quartile
6	Maintain a debt-service coverage ratio of 1.5.	75 th Percentile = 3.41 Median = 2.74 25 th Percentile = 2.04	Debt-service coverage ratio	1.5 or better
7	Maintain high level of utility's financial effectiveness	75 th Percentile: 3.8% Median: 2.8% 25 th Percentile: 1.8%	% return on assets	Median
NATURAL RESOURCES				
1	Maximize benefit of TROA implementation.	Maximize upstream storage under TROA within hydrological and operational constraints. Continue to cooperate with TROA stakeholders to develop opportunities to improve reservoir operations and efficient use of water resources.		100%
2	Manage aquifer storage and recovery (ASR) and passive recharge capabilities and operations.	Analyze effectiveness of ASR and passive recharge on a well-by-well basis within each basin. Complete semi-annual report describing ASR and passive recharge goals and results		100%
3	Work with stakeholders to implement return flow management agreement.	Update Board on progress of implementation		100%
4	Collaborate with City of Reno on the A+ Advanced Purified Water Demonstration Project at American Flat.	Bring forth an operating agreement between TMWA and City of Reno.		100%
5	Palomino Valley Feasibility Study: Complete hydrogeologic feasibility investigation, investigate return flow water rights considerations, right of way and state engineer permitting issues.	% complete		100%

DEPARTMENT

GOALS		AWWA BENCHMARK/ INDUSTRY STANDARD	MEASURE	TARGET
TREATMENT				
1	Meet the treatment costs set according to anticipated production.		Achieve \$/MG in each production category	@26kMG=<\$999.70/MG @27kMG=<\$962.68/MG @28kMG=<\$928.29/MG @29kMG=<\$896.28/MG
2	Meet the benchmark of 0 (Zero) MCL violations.	0 (Zero) MCL violations	# of MCL violations	0
3	Maintain Chalk Bluff and Glendale finished water turbidity 95% of the time.	At less than: <ul style="list-style-type: none"> • 0.30 NTU = EPA Standard • 0.20 NTU = Good; • 0.15 NTU = Excellent; • 0.10 NTU is Outstanding 	NTU's	≤ 0.10 NTU
DISTRIBUTION				
1	Track system reliability by calculating the number of planned outages per 1,000 customers and compare to national benchmarks. < 4 hours	75 th Percentile = 0.13 Median = 0.24 25 th Percentile = 1.63	# of planned outages/1,000 customers	Median or better
2	Track system reliability by calculating the number of planned outages per 1,000 customers and compare to national benchmarks. 4 – 12 hours	75 th Percentile = 0.14 Median = 0.27 25 th Percentile = 0.53	# of planned outages/1,000 customers	Median or better
3	Track system reliability by calculating the number of unplanned outages per 1,000 customers and compare to national benchmarks. < 4 hours	75 th Percentile = 0.28 Median = 0.82 25 th Percentile = 1.87	# of unplanned outages/1,000 customers	Median or better
4	Track system reliability by calculating the number of unplanned outages per 1,000 customers and compare to national benchmarks. 4 – 12 hours	75 th Percentile = 0.06 Median = 0.24 25 th Percentile = 0.50	# of unplanned outages/1,000 customers	Median or better
5	Maintain 95% Hydro Plant Generation availability when river flow is available for generation (excluding planned maintenance and rehab, weather limitations and catastrophic failures).		% hydro generation availability	95%

GOALS	AWWA BENCHMARK/ INDUSTRY STANDARD	MEASURE	TARGET	
OPERATIONS				
1	Continue converting the remaining-field sites and stations that contain SCADA control used in a Legacy H.M.I. (Human Machine Interface) platform to operate within a supported and modern OMI (Operations Machine Interface) platform.	# of sites & stations converted to OMI	8	
2	Maintain a 96% level uptime of the OMI platform and underlying infrastructure within TMWA's direct purview within a 24 hour, 7 day a week, 365 day operational period.	Cumulative system uptime is not to fall below target percentage within the operational period	96%	
3	Increase preventative maintenance by 20%.	% increase of preventative maintenance conducted	20%	
CUSTOMER SERVICE				
1	Customer Call Center will have an average call handle time of 5 minutes, or less per call.	75 th Percentile: 3.6 Median: 4.9 25 th Percentile: 5.4	Average handle time per call	Median or better
2	The fiscal year average for disconnect for non-payment service orders to active accounts will be 0.30% or less.	% average of disconnects for non-payment	≤ 0.30%	
3	The write off to revenue will be 0.25% or less at fiscal year-end.	% of write off to revenue	≤ 0.25%	
4	Hold a minimum of 30 public workshops, tours and/or presentations with a primary focus on responsible water use and education, including Water Leadership workshops and open houses.	# of public workshops and/or tours	≥ 30	
5	Maintain a high level of billing accuracy.	75 th Percentile = 1.9 Median = 6.1 25 th Percentile = 21.2	Billing accuracy rate	Median
6	Track percentage of total accounts delinquent.	75 th Percentile: 2.7% Median: 7.6% 25 th Percentile: 18.7%	% of delinquent accounts	Median
7	Maintain high level of stakeholder outreach activities.	75 th Percentile: 94% Median: 83% 25 th Percentile: 65%	Stakeholder outreach engagement	94%
8	Track the number of customer service complaints (complaints/population served).	75 th Percentile: 0.20 Median: 0.50 25 th Percentile: 1.3	# of customer complaints	Median or better
9	Track the percentage of bills issued that were estimated for both residential and commercial customers.	Residential: 75 th Percentile: 2.0% Median: 0.6% 25 th Percentile: 0.1% Commercial:	% of estimated bills issued	0.1% (Combined total)

GOALS		AWWA BENCHMARK/INDUSTRY STANDARD	MEASURE	TARGET
		75 th Percentile: 0.9% Median: 0.1% 25 th Percentile: 0.0%		
TECHNOLOGY SERVICES				
1	Complete the mapping of New Business ‘as-built’ drawings within 7 days or less.		# of days mapping of ‘as-built’ drawings of ‘redline’ drawing submittal	≤ 7 days
2	Respond to helpdesk tickets within 24 hours or less.		Average # of hours between the creation and staff response to Helpdesk tickets	≤ 24 hours
3	Develop processes and tools necessary to further leverage Geographic Information System (GIS) as TMWA’s primary asset database.		% implementation of processes and tools	100%
4	Develop processes and tools necessary to further leverage TMWA’s financial system.		% implementation of processes and tools	100%
5	Complete Human Capital Management (HCM) Project to replace TMWA’s current payroll and HR applications.		Complete project by 8/2025	100%
6	NEW: Complete Business Network Restructuring to enhance cybersecurity.		8/2025	100%
HUMAN RESOURCES				
1	Track continuous training for full-time equivalents (FTEs) employees.	75 th Percentile: 22.3 Median: 14.5 25 th Percentile: 7.7	# of continuous training hours per employee	Median or better
2	Track the number of annual employee FTEs departures per year.	75 th Percentile: 6.3% Median: 10.9% 25 th Percentile: 14.3%	# of FTEs departed per year	Median or better
3	Track the number of FTEs eligible for retirement.	75 th Percentile: 10.3% Median: 20.2% 25 th Percentile: 29.2%	#of FTEs eligible for retirement	Median or better
FINANCIAL				
1	Meet or underspend Capital Commitments as approved by the Board.		% of budget spent	70-100%
2	Meet or underspend O&M Budget Commitments.		\$ spent	Met or underspent

GOALS		AWWA BENCHMARK/ INDUSTRY STANDARD	MEASURE	TARGET
FINANCIAL (CONTINUED)				
3	Maintain a lean operating ratio.	75 th Percentile: 42% Median: 55% 25 th Percentile: 68%	% operating ratio	Median
4	Reduce TMWA’s debt per capita based on industry standards.	Benchmark: \$500-\$550	TMWA’s debt per capita	Work toward industry standards
5	Maintain ratio of capital cost to total budgeted costs based on industry standards.	Benchmark: 25% - 50%	% of capital cost to total budgeted costs	25%

GOALS		MEASURE	TARGET
NATURAL RESOURCES			
1	Increase community awareness and understanding of TROA and its benefit to our area’s municipal water supply.	Continue giving presentations to customer/industry groups on TMWA’s overall water resource management strategies, including the benefits of TROA, ASR, conservation, and A+ Reclaimed Water feasibility to the area’s municipal water supply.	≥ 10 presentations
2	Review, monitor, and advise the Board regarding issues and activities of the 2025 legislative session that may affect TMWA. Continue monitoring and stay updated on statewide water law issues.	As necessary, advise the Board regarding issues or activities that may affect TMWA.	100%
3	Continue an active role in maintaining sufficient water rights inventory, analyze purchase opportunities.	Maintain sufficient water rights inventory.	Monthly Board reports
4	Turn around new business application water rights work within 5 business days (unless changes arise on the customer's side.)	# of days turnaround new business application	≤ 5 days
5	Remain actively involved with UNR’s Nevada Water Innovation Institute projects.	Report activities to the Board	100%
6	Respond to customer water usage audit requests within 3-5 business days and provide monthly conservation report to the Board.	# of days between receiving request and completing a water audit	≤ 5 days
7	Analyze opportunities to increase water conservation for drought resiliency, use best available science to evaluate global climate change models applicable to this region, and advise the Board.	Complete the analyses and update the Board.	100%
ENGINEERING & NEW BUSINESS			
1	Continue cooperative coordination with Agencies and complete projects on schedule. Survey agency satisfaction with utility coordination effort.	1 = Unacceptable 2 = Needs Improvement 3 = Good 4 = Commendable 5 = Outstanding	Average response rate ≥ 4 rating

GOALS		MEASURE	TARGET	
ENGINEERING & NEW BUSINESS (CONTINUED)				
2	Deliver required in-service dates for major capital projects on/under budget.	<ul style="list-style-type: none"> • APWF GMP 1 Q3 2025 • Orr Ditch Hydro / BPS In Service April 2025 • Tank Rehab in Service, May 2025 • Sparks 36" Feeder Main, June 2025 	\$32M	Met or underspent
3	Continue to measure and report new business turnaround times. Project Category A) Commercial with Main B) Commercial Service C) Subdivision	Number of Projects and turnaround times:	% turnaround in ≤ 30 days	75%
		75% ≤ 30 days	% turnaround in ≤ 60 days	100%
		100% ≤ 60 days		
4	Achieve 100% backflow testing compliance for all new construction and TMWA-owned devices, as well as 100% continued notification for backflow testing compliance for all existing customers.	% of backflow testing for new construction, TMWA-owned devices & existing customers	% complete	100%
5	Perform 150 backflow retrofits.	# of backflow retrofits	#	≥ 150
6	With BIS support, implement the Cityworks Public Access Portal for New Business Applications.	Complete by January 2025.	% complete	100%
7	Implement 3 Major New Business Process Improvements.	Complete by August 2025.	% complete	100%
8	NEW: Publish TMWA Water Project Design Plans Preparation & Submittal Guidance Document.	Complete by January 2025.	% complete	100%
9	NEW: Complete a 'gap analysis' across all Asset Management Plans and identify 3 possible programmatic improvements.	Complete by July 2025.	% complete	100%

Evolution of Emergency Management and Security at TMWA

From Inception to Current

December 12, 2024



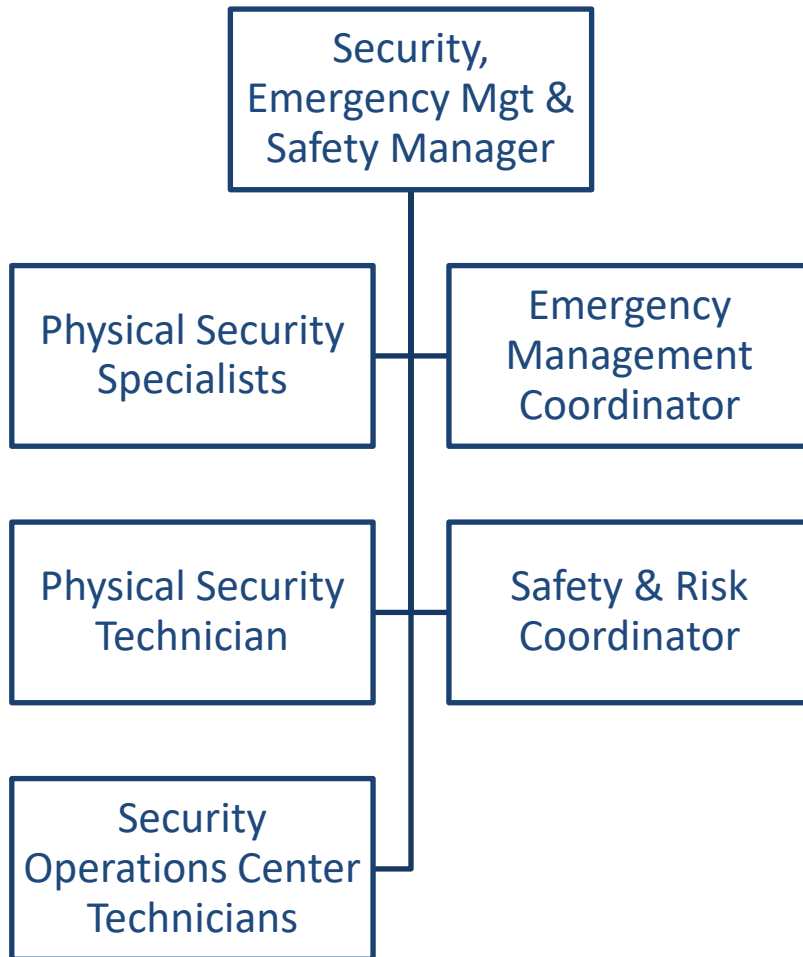
**Truckee Meadows
Water Authority**

Quality. Delivered.

Emergency Management & Security Evolution



Department Structure



Security, Emergency Management & Safety Manager



Ian Dasmann



Physical Security Operations Center

TMWA's SOC is a centralized location, staffed 24/7 dedicated to managing and monitoring physical security. SOC technicians are trained to deal with physical threats and incident response.

Emergency Management



EOC Structure

Focus on supporting operations



Training

Conduct regular training and practice exercises



Tools

WebEOC
Physical EOC



Regional Cooperation

Committee Involvement
REOC Liaison
Incident Command Liaison

Davis Fire Response



1. Incident notification
2. EOC partial activation
3. Assigned Incident Commander
4. Began internal coordination
5. Established lines of communication
6. Status briefings (external & internal)

7. Continued and increased need for operational support
8. EOC Full Activation
9. Liaison sent to REOC
10. Return to normal operations
11. EOC deactivation
12. After Action Review



Thank you!

Questions?

Jessica Atkinson, HR Director
Ian Dasmann, Security,
Emergency MGT & Safety Manager



Truckee Meadows Water Authority

STAFF REPORT

TO: Board of Directors
THRU: John R. Zimmerman, General Manager
FROM: Dan Nubel, Staff Attorney
DATE: December 12, 2024
SUBJECT: Discussion and possible action to approve the First Addendum to the Washoe County P25 Radio System Interlocal Agreement of June 2020

Recommendation

Staff recommends that the Board approve the First Addendum to the Washoe County P25 Radio System Interlocal Agreement of June 2020 (the “Addendum”).

Summary

In June of 2020, TMWA entered into the Washoe County P25 Radio System Interlocal Agreement (the “Interlocal”) with Washoe County and other partnering agencies. The purpose of the Interlocal was to upgrade and expand the Washoe County Regional Communication System (WCRCS), which TMWA had been a member of since TMWA’s inception. The WCRCS allows personnel to communicate by radio in the field for coordination of resources during emergency situations. The Interlocal established a new P25 communication standard. P25 is a suite of standards for digital mobile radio communications designed for use by public safety organizations in North America. TMWA currently uses the P25 System for backup emergency communications. Amending the Interlocal requires approval of each partner agencies’ governing bodies.

Since the execution of the Interlocal, Washoe County has experienced a cost overrun in the amount of \$3,963,702 in the construction of the P25 System. The Addendum provides that each partner agency will agree to share the increased construction cost by submitting additional payments in a share proportionate to the number of radios in use by each partner agency. Further, the Addendum establishes procedure for project management for future capital projects for the P25 System. In the next year, TMWA plans on reducing its number of radios in use through the P25 System. Currently, TMWA has a total of 105 radios in use. Staff anticipates this amount to decrease to 23 radios in Fiscal Year 2026. Due to this decrease in radios, TMWA expects that its average annual cost will go from approximately \$30,000 to \$6,000 for its proportionate share under the Interlocal.

Possible Motion

Move to approve and sign the First Addendum to the Washoe County P25 Radio System Interlocal Agreement of June 2020.

**First Addendum to Washoe County P25 Radio System
Interlocal Agreement of June 2020**

This is the First Addendum (First Addendum) to the Washoe County P25 Radio System Interlocal Agreement entered into between the Partner Agencies in June of 2020.

WHEREAS, in October 1999, the Washoe County Regional Communication System was established, and the system operated pursuant to the terms and provisions of the Washoe County Regional Communications System Interlocal Agreement. The original Interlocal Agreement was amended in July 2002 and amended again in October 2014.

WHEREAS, in September 2018, Washoe County and Harris Corporation executed a Systems Purchase Agreement to construct the P25 System

WHEREAS, in June 2020, the Partner Agencies executed a new Interlocal Agreement. The June 2020 Interlocal Agreement provides for the financing, development, operation, and management of the Washoe County Regional Communications P25 Radio System ("P25 System"). A Partner Agency is a public agency or private entity that joined the June 2020 Interlocal Agreement and pursuant to the Interlocal Agreement, a Partner Agency may sponsor a public agency or private entity to allow the Sponsored Agency to use the P25 System.

WHEREAS, under Section 13.1 of the June 2020 Interlocal Agreement, “[e]ach of the Partner Agencies agrees to pay a proportionate share of the total amount of the purchase and construction cost of the P25 system, along with proportionate share of the costs of financing the purchase and construction of the P25 system incurred by Washoe County”

WHEREAS, since Washoe County and Harris Corporation executed the Systems Purchase Agreement, the construction costs for the P25 System have increased substantially in the amount of \$3,963,706.

WHEREAS, the Partner Agencies and the Sponsored Agencies agree that an appropriate infrastructure for the P25 System is necessary for the effective operation of the P25 System and is an essential part of public safety for the Partner Agencies and Sponsored Agencies.

WHEREAS, in order to ensure the effective operation of the P25 System, the Partner Agencies and the Sponsored Agencies agree to share the increased construction costs of \$3,963,706 by submitting additional payments, in their proportionate share, to complete construction of the P25 System in accordance with Section 13.1 of the June 2020 Interlocal Agreement.

WHEREAS, the Partner Agencies and the Sponsor Agencies desire to create procedures for project management of future capital projects for P25 System.

NOW WHEREFORE, the Partner Agencies hereby amend and revise the Washoe County P25 Radio System Interlocal Agreement June, 2020 with the following added and modified terms and conditions for the purpose of addressing the increased construction costs as well as creating procedures for project management of future capital projects for the P25 System

and providing payment options for Partner Agencies to cover the increased construction costs of the P25 System:

1. The Systems Purchase Agreement has cost overruns in the amount of \$3,963,706. Partner Agencies and the County agree to the following for future capital projects:
 2. A detailed listing of anticipated projects and future costs, as estimated by the County, is provided in Appendix B.
 - A. Prior to the initiation of any capital project for the P25 System, Washoe County shall submit a detailed project description, schedule, and estimate of any construction project, including the installation of greenfield radio sites, to the P25 System Joint Operating Committee (“Committee”) for review and recommendation. Project description, schedule, and cost estimate shall be developed and/or reviewed by staff from the County’s Community Services Department (“CSD”) or a County-provided Professional Construction Manager. Washoe County will subsequently report the Construction Manager at Risk (“CMAR”) or Design Build (“DB”) guaranteed maximum price (“GMP”), or public bids, or amount to the Committee, including all associated documentation that determined the contract amount. The bid for work shall include an appropriate contingency or force account for unforeseen conditions and shall not exceed 5% of the bid.
 - B. Washoe County shall use staff from CSD and/or a contracted project manager to ensure that industry standards for the construction contracts, administration and management of these capital projects are followed.
 - C. If the cost of construction change orders and any other cost overruns exceeds the included contingency or force account as set forth in Section 1(a) of this Addendum, the County shall submit the construction change order to the Committee for review and recommendation.
3. Subject to the terms of the Washoe County P25 Radio System Interlocal Agreement, June 2020, and the process outlined in this Addendum, each Partner Agency agrees to pay a proportionate share of the total amount of the P25 Radio System installation, implementation, or construction costs specified in Appendix B, using the following rate of contribution.
 - A. Pursuant to Section 13.1.2 of the 2020 Interlocal Agreement, the rate of contribution is based on the proportionate number of radios in use by each of the Partner and Sponsored Agencies as a percentage of the total number of radios in use by all Agencies in the Washoe County Regional Communications System. The proportion of radios in use by Partner and Sponsored Agencies shall be determined by counting the individual Radio Identification Numbers assigned to each Agency. Radio Identification Number counts for each Agency will be based on the Washoe County Regional Communications Coordinator’s Radio

Identification Number report as of June 30, 2024. Each Agency's proportional share of the increased P25 System construction costs by fiscal year are specified in table 1 of Appendix A.

4. Payment Options. Partner Agencies shall pay their proportionate share of the increased construction costs (set forth in Appendix A) for the P25 System by selecting one of the following options:

- A. Annual "Pay-As-You-Go" Option. Washoe County will issue invoices to Partner Agencies for their respective proportional share of estimated costs for P25 System Infrastructure on or before July 1, 2025, for the fiscal year 2025/2026 payment and on or before July 30, 2026, for fiscal year 2026/2027. Partner Agencies shall submit a single payment by July 31, 2025, in fiscal year 2025/2026 and by July 31 in the subsequent fiscal year, unless the Partner Agency elects to pay its proportionate share of the construction costs in one of the alternative manners set forth in Sections 4(B) or 4(C) below.

- B. Pre-Payment Option. Partner Agencies may choose to pre-pay their proportional share of the total of all costs specified in Appendix A, "Total Agency Contribution FY26-FY27." Any agency seeking to pre-pay must sign a written commitment to pre-pay by May 1, 2025, executed by the person, board or entity with authority to legally bind the Partner Agency. No partial pre-payments will be allowed or accepted. Washoe County will invoice agencies for pre-payments on or before July 1, 2025, and Partner agencies shall submit payment within thirty (30) calendar days of receipt of the invoice. After P25 radio system construction is complete, any remaining portion of any pre-payments made will be refunded to the Partner Agency.

- C. Periodic Pay-As-You-Go Option. Partner Agencies may choose to submit payments as expenses are committed. Committed expenses are those for which Washoe County has a Purchase Order to complete a specific construction activity for the P25 Radio System project that has previously been reviewed and recommended by the Committee. Under this option, Washoe County will pass along expenses to the Partner Agency by sending an invoice for its proportional share of committed expenses upon Washoe County's receipt of invoices from the vendor. Partner agencies shall submit payment to Washoe County within thirty (30) calendar days from the date the invoice is issued to ensure timely payment to the vendor.

The proportion of the payment for committed expenses for each Partner Agency that elect to pay for the increased construction costs under this option will be based on their proportion of radios as specified in paragraph 3(A) of this First Addendum.

Washoe County agrees to make reasonable efforts to provide information about expected costs in the fiscal years specified in Appendix A, and subsequent fiscal years, if necessary, by January 31 of each previous fiscal year.

This payment option is not intended to create a service concession arrangement or a lender-borrower relationship between Washoe County and the Partner Agency, and therefore shall not be construed as such.

5. **Insufficient Funds.** If it is determined that the total of all agency payments specified in Appendix A is insufficient to complete construction of the P25 System, to the extent those costs have been reviewed and recommended by the Committee in accordance with Section 2(A-C) of this Addendum, the Committee shall meet to review, consider options, and have authority to make further decisions related specifically to the projects listed in Appendix B such as continuing construction, halting construction, altering construction plans, and/or making recommendations to amend the June 2020 Interlocal Agreement to address construction related issues.

If it is determined that the total payments necessary to complete construction of the P25 System will exceed the Total Agency Contribution specified in appendix A by \$500,000.00, Partner Agencies shall negotiate an additional addendum. Partner agencies shall not be obligated to submit additional payments if an additional addendum is not executed.

6. **Excess Funds.** After the P25 radio system construction is complete, any remaining portion of any payments made in accordance with this addendum will be refunded to the Partner Agencies based on each agency's proportionate share of payments, as described in 3(A) of this addendum.
7. **Late Payments or Non-payment.** If a Partner Agency does not make timely payments subject to the terms of this First Addendum, a Partner Agency is subject to the late charges and other default provisions set forth in Sections 13 and 14 of the 2020 Interlocal Agreement.

IN WITNESS WHEREOF, the parties hereto do affix their signatures:

City of Reno

Date: _____

By: _____
Hillary Schieve, Mayor

Approved as to form:

By: _____
Karl Hall, City Attorney

Recommended for Approval:

Date: _____

By: _____

Attest: _____
Mikki Huntsman, City Clerk

City of Sparks

Date: _____

By: _____
Ed Lawson, Mayor

Approved as to form:

By: _____
Wes Duncan, City Attorney

Recommended for Approval:

Date: _____

By: _____

Attest: _____
Lisa Hunderman, City Clerk

Nevada Air National Guard

Date: _____

By: _____

Title: _____

Approved as to form:

By: _____

Title: _____

Recommended for Approval:

Date: _____

By: _____

Title: _____

North Lake Tahoe Fire Protection District

Date: _____

By: _____
Chair, Board of Directors

Recommended for Approval:

Date: _____

By: _____

Nevada System of Higher Education

Recommended by:

Eric James, Chief of Police

Date

Brian Sandoval, President

Date

For the Board of Regents of the Nevada System of Higher Education on behalf of the University of Nevada, Reno, University Police Services

Patricia Charlton, Interim Chancellor

Date

Pyramid Lake Paiute Tribe

Date: _____

Name: _____

Signature:

Chair, Tribal Council

Reno Sparks Indian Colony

Date: _____

By: _____
Chair, Tribal Council

Reno Tahoe Airport Authority

Date: _____

By: _____
Chair, Board of Trustees

Approved as to form:

By: _____

Title: _____

Recommended for Approval:

Date: _____

By: _____

Truckee Meadows Fire and Rescue

Date: _____

By: _____
Alexis Hill, Chair, Board of Fire Commissioners

Attest: _____
Washoe County Clerk

Truckee Meadows Water Authority

Date: _____

By: _____
Naomi Duerr, Chair, Board of Directors

United States Drug Enforcement Administration

Date: _____

Name: _____

Title: _____

Signature:

United States Department of Veterans Affairs Police Department

Date: _____

By: _____

Title: _____

Approved as to form:

By: _____

Title: _____

Recommended for Approval:

Date: _____

By: _____

Title: _____

Washoe County School District

Date: _____

By: _____
Joe Ernst, Superintendent

Washoe County

Date: _____

By: _____
Alexis Hill, Chair, Washoe County Commission

Attest: _____
Washoe County Clerk

Appendix A –Agency Contribution Amounts by Fiscal Year for Increased Construction Costs

Table 1

Agency	Radio IDs June 30, 2024	Percent Share June 30, 2024	Agency Contribution FY26	Agency Contribution FY27	Total Agency Contribution FY26-FY27
Reno Tahoe Airport Authority	281	4.94%	\$75,717.04	\$70,722.44	\$146,439.48
US Drug Enforcement Agency	24	0.42%	\$6,466.94	\$6,040.35	\$12,507.29
Pyramid Lake Paiute Tribe	85	1.49%	\$22,903.73	\$21,392.91	\$44,296.64
City of Reno	1,344	23.63%	\$362,148.43	\$338,259.63	\$700,408.06
Reno Sparks Indian Colony	71	1.25%	\$19,131.35	\$17,869.37	\$37,000.72
City of Sparks	474	8.33%	\$127,721.99	\$119,296.92	\$247,018.91
Truckee Meadows Fire & Rescue	342	6.01%	\$92,153.84	\$86,075.00	\$178,228.84
Nevada System of Higher Education, UNR, TMCC	78	1.37%	\$21,017.54	\$19,631.14	\$40,648.68
North Lake Tahoe Fire Protection District	102	1.79%	\$27,484.48	\$25,671.49	\$53,155.97
US Department of Veteran's Affairs	22	0.39%	\$5,928.02	\$5,536.99	\$11,465.01
Truckee Meadows Water Authority	19	0.33%	\$5,119.66	\$4,781.94	\$9,901.60
Washoe County School District	1,122	19.73%	\$302,329.27	\$282,386.39	\$584,715.66
Air National Guard	42	0.74%	\$11,317.14	\$10,570.61	\$21,887.75
Washoe County	1,681	29.56%	\$452,954.99	\$423,076.22	\$876,031.21
WCRCs Infrastructure			\$700,000.00	\$300,000.00	\$1,000,000.00
	5,687		\$2,232,394.42	\$1,731,311.40	\$3,963,705.82

Appendix B – Future anticipated P25 Radio System construction project costs

Smokey Quartz Radio Site:

Smokey Quartz Tasks	Labor	Materials	Equipment	Transportation	Expenses	Totals
Site Design	\$92,000					\$92,000
Mobilize (In the spring)	\$15,000		\$15,000			\$30,000
Equipment needed to build site						\$0
Lease Area Pad (120' X 120')	\$19,200					\$19,200
Storm Water Control	\$4,800	\$6,500				\$11,300
Tower Foundation excavating	\$19,200					\$19,200
Tower Foundation Rebar and Concrete	\$28,800	\$55,115			\$15,000	\$98,915
Shelter Foundation Excavation	\$4,800					\$4,800
Shelter Design and Engineering					\$15,000	\$15,000
Shelter Foundation Rebar and Concrete		\$27,200				\$27,200
Fuel Tank Foundation		\$5,964			\$1,200	\$7,164
Solar Array Foundations						\$0
Underground: Electrical Underground	\$150,000	\$25,000				\$175,000
Grounding	\$28,800	\$10,000				\$38,800
Fuel Line	\$4,800	\$1,000				\$5,800
Stack Tower	\$65,000					\$65,000
Purchased Shelter from VFP including Tax						\$266,079
Shelter Set with Crane	\$30,000					\$30,000
Install Generator	\$3,600			\$2,500	\$5,000	\$11,100
Install Fuel Tank	\$3,600	\$12,235		\$7,910		\$23,745
Final finish of site	\$18,000	\$12,000				\$30,000
Install Fencing Install Ice Bridge						\$60,000
Final Electrical Connections	\$7,200					\$7,200
Final Grounding Connections						\$0
Final Fuel Tank Connections	\$1,200	\$3,500		\$1,000		\$5,700
Final Grading and Clean Up of Road	\$18,000					\$18,000
De-Mobilize			\$25,000			\$25,000
Special Inspections Break Testing						\$5,000
Construction Survey						\$3,500
Project Management						\$156,000
Total Site Pricing						\$1,158,703
Total Price						
Bond						\$40,000
Final Closeout and O & Ms & Documentation						\$173,805
Total Site Price						\$1,372,508
RX3 CMAR fee						\$137,251
Total Estimate Price						\$1,601,759

Seven Lakes Radio Site:

Seven Lakes Tasks	Labor	Materials	Equipment	Transportation	Expenses	Totals
Mobilize	\$15,000		\$15,000			\$30,000
Access Road Construction 1.3 miles of road	\$170,000	\$74,500	\$56,000	\$32,000		\$332,500
De-Mobilize			\$15,000			\$15,000
Project Management						\$46,800
Access Road Construction						\$424,300
Site design	\$92,000					\$92,000
Mobilization	\$15,000	\$15,000	\$15,000			\$30,000
Equipment needed to build site		\$28,000	\$28,000	\$12,000		\$40,000
Lease Area Pad (120' X 120')	\$19,200					\$19,200
Storm Water Control	\$4,800	\$6,500				\$11,300
Tower Foundation excavating	\$19,200					\$19,200
Tower Foundation Rebar and Concrete	\$28,800	\$55,115			\$15,000	\$98,915
Shelter Foundation Excavation	\$4,800					\$4,800
Shelter Design and Engineering					\$15,000	\$15,000
Shelter Foundation Rebar and Concrete		\$27,200				\$27,200
Fuel Tank Foundation		\$5,964			\$1,200	\$7,164
Solar Array Foundations	\$6,200	\$36,622			\$32,178	\$75,000
Power System Installation (third-party)						\$225,187.76
Underground:						
Conduit runs	\$9,000	\$1,000				\$10,000
Grounding	\$28,800	\$10,000				\$38,800
Fuel Line	\$4,800	\$1,000				\$5,800
Stack Tower	\$85,000					\$85,000
Install Generator	\$3,600			\$2,500	\$5,000	\$11,100
Install Fuel Tank	\$3,600	\$12,235		\$7,910		\$23,745
Final finish of site	\$18,000	\$12,000				\$30,000
Install Fencing						\$60,000
Final Electrical Connections	\$7,200					\$7,200
Final Fuel Tank Connections	\$1,200	\$3,500		\$1,000		\$5,700
Final Grading and Clean Up of Road	\$18,000					\$18,000
De-Mobilize		\$25,000				\$25,000
Special Inspections Break Testing			\$25,000			\$5,000
Additional Costs:						
Construction Survey						\$3,500
Project Management						\$156,000
Total Site Pricing						\$924,624
Total Price						\$1,256,924
Bond						\$45,000
Final Closeout and O & Ms and documentation						\$188,539
Total Site Price						\$1,490,463
CMAR fee at 10%						\$149,046.26
Tota Estimated Price						\$1,956,696.62

Construction Contingency:

\$500,000



STAFF REPORT

TO: Board of Directors
THRU: John R. Zimmerman, General Manager
FROM: Jessica Atkinson, Human Resources Director
DATE: December 12, 2024
SUBJECT: **Discussion and action confirming General Manager’s Appointment of three Trustees to the §115 Post-Retirement Medical Plan & Trust for a two-year term from January 1, 2025 through December 31, 2026**

Recommendation

Staff recommends that the Board of Directors confirm the appointments of Chief Financial Officer, Matt Bowman; Senior Financial Analyst, Sandra Tozi; and Trust Beneficiary (Tier II), Charles Atkinson as trustees to the TMWA Post-Retirement Medical Plan Trust (§115 Trust).

Summary

- Current trustee appointments will expire on December 31, 2024
- Seeking Board confirmation of trustee appointments for new two-year term

Discussion

The §115 Trust document approved by the Board of Directors requires the General Manager to select and appoint at least (3) three but no more than (5) five Trustees who must include:

1. At least one member who has a combination of education and experience of at least 5 (five) years in finance or economics;
2. A public officer or employee of TMWA who manages its fiscal affairs; and
3. A beneficiary of the Trust.

The current Trustee’s terms will expire on December 31, 2024. Appointments have been made consistent with the Trust provisions pending final confirmation by the Board.



STAFF REPORT

TO: Board of Directors
THRU: John R. Zimmerman, General Manager
FROM: Jessica Atkinson, Human Resources Director
DATE: December 12, 2024
SUBJECT: **Discussion and action confirming General Manager’s Appointment of four Trustees to the §501-c-9 Post-Retirement Medical Plan & Trust for a two-year term from January 1, 2025 through December 31, 2026**

Recommendation

Staff recommends that the Board of Directors confirm the appointments of Matt Bowman and Kelly McGlynn to represent TMWA Management, Professional, Administrative and Technical (MPAT) employees and Steven Enos and James Weingart to represent IBEW Local Union #1245 bargaining unit employees as trustees to the TMWA Post-Retirement Medical Plan Trust (§501-c-9 Trust).

Summary

- Current trustee appointments will expire on December 31, 2024
- Seeking Board confirmation of trustee appointments for new two-year term

Discussion

The §501-c-9 Trust document approved by the Board of Directors requires the Employer to appoint four individuals to serve as Trustees (two from the MPAT classification and two from IBEW). The two Trustees who are appointed from TMWA management are to be appointed by the Employer at the direction of the General Manager and the two Trustees who are appointed from IBEW are to be appointed by the Employer at the direction of IBEW Local 1245.

The current Trustee’s terms will expire on December 31, 2024. Appointments have been made consistent with the Trust provisions pending final confirmation by the Board.



STAFF REPORT

TO: Board of Directors
FROM: John R. Zimmerman, General Manager
FROM: Sonia Folsom, Executive Assistant
DATE: December 2, 2024
SUBJECT: Discussion and action, and possible direction to staff regarding appointments to the Standing Advisory Committee to fill vacancies in existing positions whose terms expire December 31, 2024, such appointments to be made for new terms from January 1, 2025 to December 31, 2026 from the following list of candidates: (1) Fred Arndt, primary representative, residential representative 2; (2) Jordan Hastings, primary representative, At-Large 2; (3) Neil McGuire, primary representative, irrigation customer; (4) Ken McNeil, primary representative, At-Large 1; (5) Dale Sanderson, primary representative, residential representative 1; and (6) Jerry Wager, primary representative, residential representative 3

Recommendation

Staff recommends that current Standing Advisory Committee (SAC) members whose terms are set to expire on December 31, 2024, six primary representatives, be reappointed for an additional two-year term beginning January 1, 2025. (*Please refer to the attached membership chart.*)

Background

In August 2005, a Subcommittee of the TMWA Board appointed the original, eight SAC members along with six alternate members. Subsequently, additional members and alternates were appointed by the Builders Association of Northern Nevada and Reno-Sparks Chamber of Commerce. In September 2016, the TMWA Board decided to remove the two appointments made by the Northern Nevada Water Planning Commission and the Office of Consumer Advocate and replace those with two at-large positions.

Discussion

The attached chart reflects the proposed SAC primary members continuing for another two-year term.

Recommended Motion

Move to approve appointments to the Standing Advisory Committee as presented.

TMWA Standing Advisory Committee
 Term Appointments
 2025-2026 Membership List

Customer Class	Primary Representative	Member Since	Term Ends	Alternate Representative	Member Since	Term Ends
Wholesale (Sun Valley)	Chris Melton	2020	12/31/2025	<i>Vacant</i>		
Irrigation	Neil McGuire	2005	12/31/2026	<i>Vacant</i>		
Multi-family Residential	<i>Vacant</i>			Jonnie Pullman	2012	12/31/2025
Commercial	John Krmpotic	2020	12/31/2025	Ryan Greenhalgh	2024	12/31/2025
Senior Citizen	Alex Talmant	2021	12/31/2025	<i>Vacant</i>		
At-Large 1	Ken McNeil	2013	12/31/2026	<i>Vacant</i>		
At-Large 2	Jordan Hastings	2017	12/31/2026	<i>Vacant</i>		
Residential:						
Representative 1	Dale Sanderson	2017	12/31/2026	<i>Vacant</i>		
Representative 2	Fred Arndt	2017	12/31/2026	<i>Vacant</i>		
Representative 3	Jerry Wager	2014	12/31/2026	Kevin Ryan	2021	12/31/2025
Appointments:						
BANN	Colin Hayes	2010	12/31/2025	Justin McDougal	2024	12/31/2025
Reno-Sparks Chamber	Brian Bosma	2024	12/31/2025	Conner Naisbitt	2024	12/31/2025



STAFF REPORT

TO: Standing Advisory Committee
THRU: John R. Zimmerman, General Manager
FROM: Sonia Folsom, Executive Assistant
DATE: December 2, 2024
SUBJECT: Discussion and action on appointments to the Standing Advisory Committee (SAC) to fill the at-large 1 alternate representative, and other possible vacancies for terms beginning January 1, 2025 to December 31, 2026 from the following pool of candidates listed in alphabetical order: Peggy Rew

Recommendation

Staff is presenting the SAC recommendation to fill the vacancies for the at-large 1 alternate representative vacancy with Peggy Rew.

Background

The TMWA Board created the SAC in 2005 to review budgets, rate proposals and other matters as directed by the Board. In 2016, the TMWA Board decided to remove the two appointments made by the Northern Nevada Water Planning Commission and the Office of Consumer Advocate and replace those with two at-large positions (**Attachment 1**). The committee currently consists of Board-appointed representatives of ten customer classes and two other seats held by representatives of community-interest groups (**Attachment 2**). TMWA customers interested in becoming a SAC member can submit a letter of interest at any time and will be presented to the SAC when a vacancy opens for consideration.

Discussion

TMWA received one application (**Attachment 3**) that may fill any one of the five following vacant positions:

- Senior Alternate – One (1) Vacancy;
- At-Large 1 Alternate – One (1) Vacancy;
- At-Large 2 Alternate – One (1) Vacancy;
- Residential Representative 1 Alternate - One (1) Vacancy; and
- Residential Representative 2 Alternate – One (1) Vacancy

In addition, a map shows locations of all current SAC members, as well as the applicant (**Attachment 4.**)

RECOMMENDED MOTION

Move to approve the appointment of Peggy Rew to fill the at-large 1 alternate representative vacancy on TMWA's Standing Advisory Committee.



TMWA Standing Advisory Committee History

Bullet Points for SAC history

- 2004: The Truckee Meadows Water Authority (TMWA) Board formed a Rate Making Review Committee (RMRC) for the purpose of reviewing and providing customer input on the proposed second and third phases of the current rate case that was going before the Board in 2005. At the time the RMRC was formed, the Board did not foresee a permanent role for it.
- The initial RMRC recommended that the Board form a committee that serves in an advisory capacity on a permanent basis. Staff supported the recommendation for a standing committee.
- January 2005: Staff first approached the Board to recommend formation of the Standing Advisory Committee (SAC).
- March 2005: The Board established a SAC consisting of eleven (11) members: one (1) each of the following customer types – commercial, irrigation, multi-family, senior citizen, and wholesale; three (3) residential users all appointed by the TMWA Board; one (1) member appointed by the Builders Association of Northern Nevada; one (1) member appointed by the Reno-Sparks Chamber of Commerce; and one (1) member appointed by the Regional Water Planning Commission. Duties of the SAC include budget and rate increase review and recommendations and other matters the Board may assign.
- July 2005: The Board appointed a subcommittee to select applicants.
- September 2005: The Board appointed the first SAC members.
- August 2007: The State of Nevada Consumer Advocates Office appointed a member to the SAC.
- The SAC reviewed rate proposals in 2009, 2010 and 2012.
- December 31, 2014: The consolidation of Washoe County Department of Water Resources and South Truckee Meadows General Improvement District into TMWA.
- September 2016: The Board eliminated the Northern Nevada Water Planning Commission (formerly the Regional Water Planning Commission) and the State of Nevada Consumer Advocates Office appointments and created two At-Large positions.
- The SAC reviewed rate proposals in 2016, 2017, 2019, and 2023.

TMWA Standing Advisory Committee
Term Appointments
2025-2026 Membership List

Customer Class	Primary Representative	Member Since	Term Ends	Alternate Representative	Member Since	Term Ends
Wholesale (Sun Valley)	Chris Melton	2020	12/31/2025	<i>Vacant</i>		
Irrigation	Neil McGuire	2005	12/31/2026	<i>Vacant</i>		
Multi-family Residential	<i>Vacant</i>			Jonnie Pullman	2012	12/31/2025
Commercial	John Krmpotic	2020	12/31/2025	Ryan Greenhalgh	2024	12/31/2025
Senior Citizen	Alex Talmant	2021	12/31/2025	<i>Vacant</i>		
At-Large 1	Ken McNeil	2013	12/31/2026	Peggy Rew	2025	12/31/2026
At-Large 2	Jordan Hastings	2017	12/31/2026	<i>Vacant</i>		
Residential:						
Representative 1	Dale Sanderson	2017	12/31/2026	<i>Vacant</i>		
Representative 2	Fred Arndt	2017	12/31/2026	<i>Vacant</i>		
Representative 3	Jerry Wager	2014	12/31/2026	Kevin Ryan	2021	12/31/2025
Appointments:						
BANN	Colin Hayes	2010	12/31/2025	Justin McDougal	2024	12/31/2025
Reno-Sparks Chamber	Brian Bosma	2024	12/31/2025	Conner Naisbitt	2024	12/31/2025

M. Peggy A. Rew

[REDACTED] - residential

Sparks, NV 89436

[REDACTED]

Dear Sonia -

Thank you for responding to my 'interest' email regarding TMWA's Standing Advisory Committee Vacancy. As I said, I saw the newsletter and was intrigued by its content. I am open to any position, although I am a senior.

HOAs & PTAs - Since 1990, I have spoken at many City Council & County Commission meetings.

Washoe County Regional Animal Services Animal Rescue Team -

Disasters, Hoarding Situations, etc. 2007-present

Canine Rehabilitation Center and Cat Sanctuary - Volunteer since inception 15 years ago when we approached Washoe County Commission to approve the use permit for the old Cattleman's.

Res-Que Dog Rescue and Rehoming - Volunteer since 2008

Dog & Cat First Aid & Disaster Preparedness - community wide since 2008

Wild Women on Poetry - facilitator 2004-2006

Unnamed Writers' Group - President, Facilitator, Mentor, Newsletter Editor
1998-2014

Step 2 Donation Drives with ALice 96.6 - 10 years with Bill & Connie

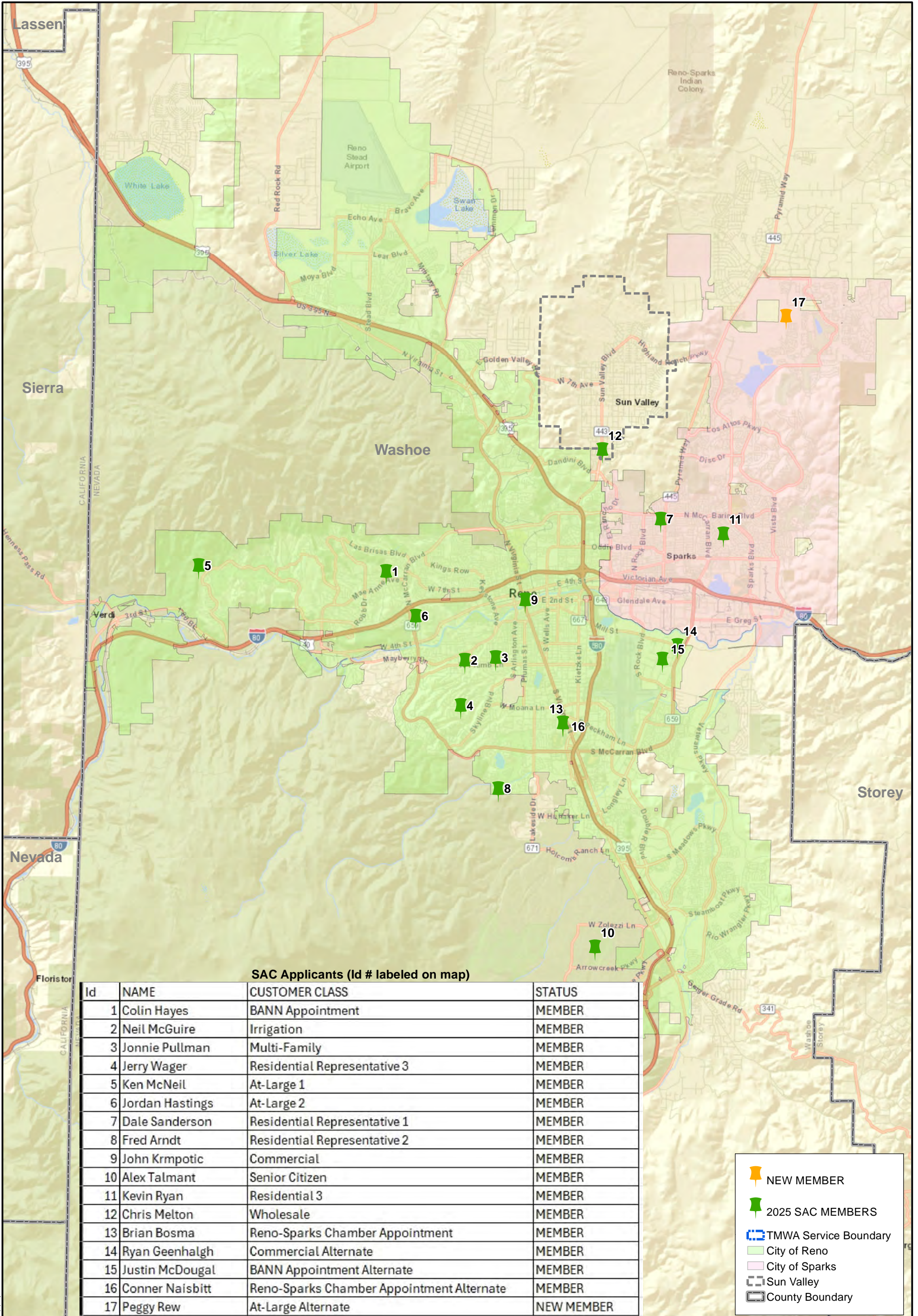
Sierra Nevada Girl Scouts - Staff member, Camp & Troop Leader 1985-89

Nevada PTA 1982-98

Personal references or references from my community involvement experiences upon request.








Thank you for your time.

M. Peggy A. Rew



SAC Applicants (Id # labeled on map)

Id	NAME	CUSTOMER CLASS	STATUS
1	Colin Hayes	BANN Appointment	MEMBER
2	Neil McGuire	Irrigation	MEMBER
3	Jonnie Pullman	Multi-Family	MEMBER
4	Jerry Wager	Residential Representative 3	MEMBER
5	Ken McNeil	At-Large 1	MEMBER
6	Jordan Hastings	At-Large 2	MEMBER
7	Dale Sanderson	Residential Representative 1	MEMBER
8	Fred Arndt	Residential Representative 2	MEMBER
9	John Krmptic	Commercial	MEMBER
10	Alex Talmant	Senior Citizen	MEMBER
11	Kevin Ryan	Residential 3	MEMBER
12	Chris Melton	Wholesale	MEMBER
13	Brian Bosma	Reno-Sparks Chamber Appointment	MEMBER
14	Ryan Geenhalgh	Commercial Alternate	MEMBER
15	Justin McDougal	BANN Appointment Alternate	MEMBER
16	Conner Naisbitt	Reno-Sparks Chamber Appointment Alternate	MEMBER
17	Peggy Rew	At-Large Alternate	NEW MEMBER

 NEW MEMBER
 2025 SAC MEMBERS
 TMWA Service Boundary
 City of Reno
 City of Sparks
 Sun Valley
 County Boundary



Distribution of SAC Members

DATE 11/12/2024
 MAP BY: JAK
 REQUESTED BY: SF
 SCALE: 1 in = 2 miles





STAFF REPORT

TO: Board of Directors
THRU: John R. Zimmerman, General Manager
FROM: Sonia Folsom, Executive Assistant
DATE: December 4, 2024
SUBJECT: Discussion and action on scheduling regular board meeting dates and times for the Calendar Year 2025

Recommendation

Staff requests Board input on the schedule proposed for the TMWA Board of Directors meetings as well as confirmation of meeting times, including approval of the date for the fall Strategic Planning Workshop.

Discussion

The regular schedule for TMWA Board meetings has traditionally been for the third Wednesday of the month at the Sparks Council Chambers beginning at 10 a.m. In checking the current Cities and County calendars, the third Wednesday of the month continues to present the best option in terms of avoiding conflicts with the other agency meetings; except for the May Budget Hearing to be held on the fourth Thursday (noted in orange), the November meeting moved to the third Thursday to avoid a conflict with a scheduled Reno City Council meeting (noted in blue), and finally, staff proposes to move up the December Board meeting to avoid the holidays (noted in green.)

Staff requests the Board confirm or adjust the following dates and times. Based on your input, Staff will then issue the agreed-upon schedule.

2025 Board Meeting Dates – Proposed

Wednesday January 15	10 a.m.
Wednesday February 19	10 a.m.
Wednesday March 19	10 a.m.
Wednesday April 16	10 a.m.
Thursday May 22	10 a.m. NOTE: NRS-MANDATED BUDGET HEARING DATE
Wednesday, June 18	10 a.m.
Wednesday July 16	10 a.m.
Wednesday August 20	10 a.m.
Wednesday September 17	10 a.m.
*Wednesday October 15	10 a.m. – 2:00 p.m. – STRATEGIC PLANNING WORKSHOP
Thursday November 20	10 a.m.
Thursday, December 11	10 a.m.

*The October 15 Strategic Planning Workshop will be held **at TMWA’s Corporate Office**. Also, please allow for extra time, **approximately 4-hours**, to complete a thorough review of relevant agenda items.



STAFF REPORT

TO: Board of Directors
FROM: John R. Zimmerman, General Manager
DATE: December 3, 2024
SUBJECT: General Manager's Report

Attached please find the written reports from the Management team including the Operations Report (*Attachment A*), the Water Resource and the Annexation Activity Report (*Attachment B*), and the Customer Services Report (*Attachment C*).

Also, Kara Steeland, Senior Hydrologist and Watershed Coordinator, has been published in the American Water Works Association's national journal. I have included her article in this month's report because it succinctly describes TMWA's efforts on upstream watershed protection and other projects. Her article, "Using a Multicomponent, Collaborative Approach for Source Water Protection," highlights TMWA's innovative strategies for protecting the Truckee River watershed (*Attachment 1*). This achievement showcases the expertise and leadership Ms. Steeland brings to our organization, as well as the effectiveness of TMWA's partnerships and initiatives in addressing complex water quality challenges; emphasizing the importance of collaborative, forward-thinking approaches in water resource management.

Since TMWA's last board meeting, TMWA has issued three emergency procurements under NRS 332.112. These emergency procurements totaled \$158,118.34. Two were related to the Lemmon Valley-Matterhorn & Pineheart Intersection Main Break to repair the main, and the third was related to the Callahan Fire to rent emergency generators due to NV Energy cutting power in the area.

Additionally, we received a call from one of our customers, Diane B., who commended our crew in their efforts to repair a leak that ended up going well into the night and in colder conditions. She observed their hard work and diligence to get their water back on as quickly as possible. The crew: Zach Cox, Johnny Naungayan, Joe Brown, Joey Fink, Ben Barnard, and Casey Preston. I also thank them for their hard work.

Finally, listed below are news clippings from October 9, 2024 through December 3, 2024:

- 10/09/24 So. Lake Tahoe Tribune [Lake Tahoe and Truckee River Project Receive CDFW Grants](#)
- 10/15/24 KTVN [Truckee Meadows Water Authority to host online winterization workshop tonight](#)
- 10/17/24 Circle of Blue [State and Local Voters Consider Tax Increases for Water Protection](#)
- 10/17/24 Drought.gov [Drought Status Updates for California and Nevada](#)
- 10/18/24 Water Online [How Streamlined Digital Payments Can Help Lower Water Bills by Marci Westlake](#)
- 10/21/24 KOLOTV [Nevada Will Get \\$10 Million in FEMA Funds to Prevent Breach at Marlette Lake Dam](#)
- 10/23/24 RGJ [Meridian 120 Housing Project in Reno Hit with Default Notice](#)
- 10/24/24 EPA.gov [EPA Announces \\$36 Billion in Water Infrastructure Funds](#)

- 10/24/24 Fox5 [SNWA to Allocate \\$10 Million to Convert Wastewater Systems](#)
- 10/25/24 LV Sun [Deputy Secretary of the Interior visits Northern Nevada to tout investments](#)
- 10/27/24 Comos [Recycling Wastewater to Drive Water Security](#)
- 10/28/24 Nevada Independent [Nevada precipitation levels in 2024 were abnormally normal. What will happen in 2025?](#)
- 10/28/24 SLT Tribune [Recycled water plan from STPUD is open to public comment](#)
- 10/31/24:
 - KRNV: [Dozens of lots impacted by broken water main break in Lemmon Valley](#)
 - KOLO: [Crews begin process of repairing broken water line in Lemmon Valley](#)
 - Fox11: [Dozens of lots impacted by broken water main break in Lemmon Valley](#)
 - KTVN: [Evacuation orders lifted for Lemmon Valley; 20+ homes affected by water line break](#)
- 11/01/24 Various News Coverage of Lemmon Valley Main break
 - KOLOTV: [TMWA repairs massive sinkhole after the flooding and evacuations in Lemmon Valley](#)
 - Yahoo News: [Waterline Break Floods Homes in Washoe County](#)
 - MSN: [TMWA repairs massive sinkhole after the flooding and evacuations in Lemmon Valley](#)
- 11/01/24 KOLOTV [EPA Spending \\$47 Million in Nevada Water Infrastructure](#)
- 11/15/24 KTVN [Region needs above average snow and rain to fill reservoirs](#)
- 11/19/24 Western Water Notes [Hot Droughts + Truckee River Discharges](#)
- 11/20/24 USEPA [EPA Launches New Initiative to Tackle PFAS, Identify Emerging Contaminants in Water](#)
- 11/21/24 Tahoe Fund [Underwater ATT Cables in Tahoe Finally Removed](#)
- 11/22/24 Las Vegas News [SNWA Still Considering Septic Tank Policy](#)

Using a Multicomponent, Collaborative Approach for Source Water Protection

Kara Steeland

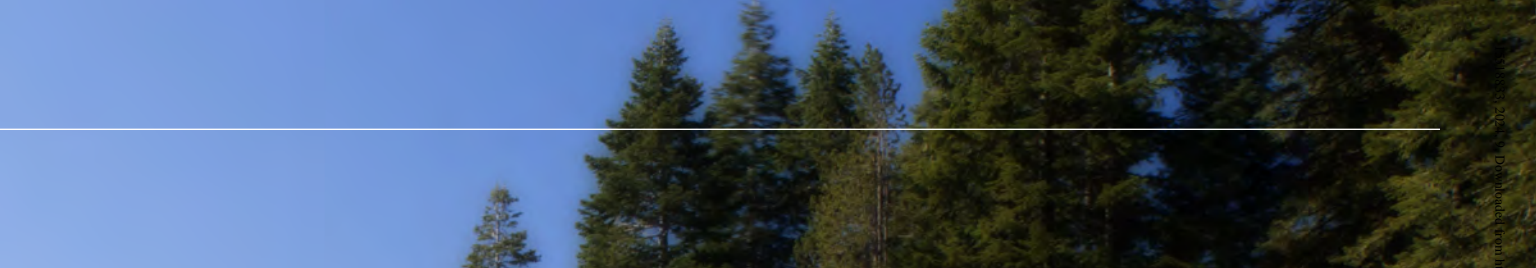
Key Takeaways

Dynamic multicomponent programs have been essential for Truckee Meadows Water Authority (TMWA) to address various source water protection issues in the Truckee River watershed.

Collaboration of TMWA through well-defined partnerships is critical to protecting and improving water supply sources.

It may be necessary for TMWA to step into unexpected roles to protect water quality, and there is no single approach to source water protection.

Layout imagery by Daniel L. Friend/Wirestock and Eduardo/stock.adobe.com



Truckee Meadows Water Authority (TMWA) is a not-for-profit, community-owned drinking water utility that serves over 450,000 people in the cities of Reno and Sparks and Washoe County in northern Nevada. The region's water comes from the Truckee River, which accounts for 80%–85% of the water supply, with groundwater providing the remaining portion from TMWA's 90 production wells. The Truckee River flows 121 miles from the outlet of Lake Tahoe in California and ends at Pyramid Lake in Nevada. The Truckee River watershed spans approximately 3,120 square miles, or 1.9 million acres, and covers landscapes ranging from designated wilderness areas to densely populated urban centers.

TMWA can store water in six upstream reservoirs, including the top 6.1 feet of Lake Tahoe (Figure 1). TMWA's production wells are located across its service area in nine distinct hydrographic basins, some of which are highly developed while others are more rural or remote. Like many other utilities, TMWA does not own the land around its sources of drinking water supply, so innovative solutions are needed to ensure that these resources are protected. Recognized in 2022 by AWWA with the Exemplary Source Water Protection Award, TMWA is constantly evaluating and improving its initiatives to protect its drinking water sources.

The goals for TMWA's source water protection program include the following:

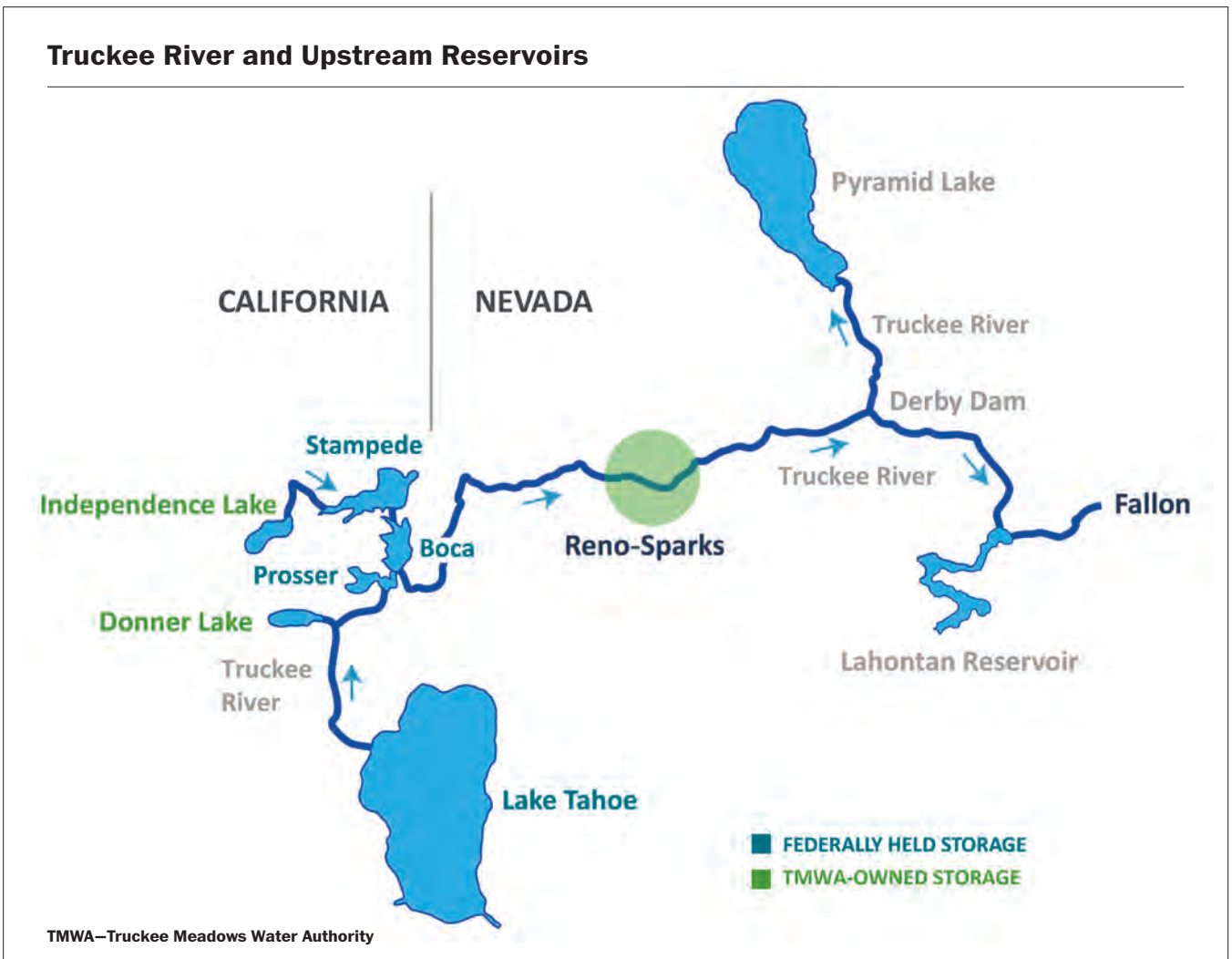


Figure 1

- Protect existing and future sources of surface water and groundwater supplies from any effects from climate change, new development, and other emerging concerns.
- Create strong partnerships to work together locally and regionally to protect the watershed.
- Provide funding to leverage additional local dollars to support projects for source water issues that TMWA cannot address on its own.
- Maintain and improve the water quality in the Truckee River watershed.

Effective source water protection programs help to ensure drinking water supplies are not contaminated. Many water utilities use both groundwater and surface water in complex, multi-jurisdictional watersheds. Collaboration is the common theme for every component of TMWA's source water protection initiatives. Without dedicated partners, TMWA would not be able to protect its sources of drinking water supply. However, by working together, TMWA has been able to vastly increase the positive benefits realized in its watershed.

Program Components

Investing to Leverage Additional Watershed Protection Funding

When TMWA established its watershed investment program in 2004 (the Truckee River Fund), it was one of the first components of TMWA's source water protection efforts. This fund is used to support projects that protect and enhance the water quality or resources of the Truckee River and its watershed.

Over the past two decades, TMWA has funded more than 200 projects and distributed more than \$16 million to qualifying projects through grant awards. Partner organizations have provided more than \$26 million in cash and in-kind services (Figure 2), meaning that more than \$42 million has been jointly invested in the watershed in the past 20 years, or roughly \$2.1 million annually.

Examples of projects funded by the Truckee River Fund include

- stream and meadow restoration work,
- youth education and outreach programs,
- river cleanups,
- invasive species removal initiatives, and
- forest management efforts.

The program also benefits the watershed in areas outside of TMWA's direct jurisdiction. While it is not implementing the projects, TMWA is helping fund projects that might otherwise not happen without Truckee River Fund financing. Additionally, the Truckee River Fund has been the catalyst for several programs that are now self-funded and continue to protect key source water

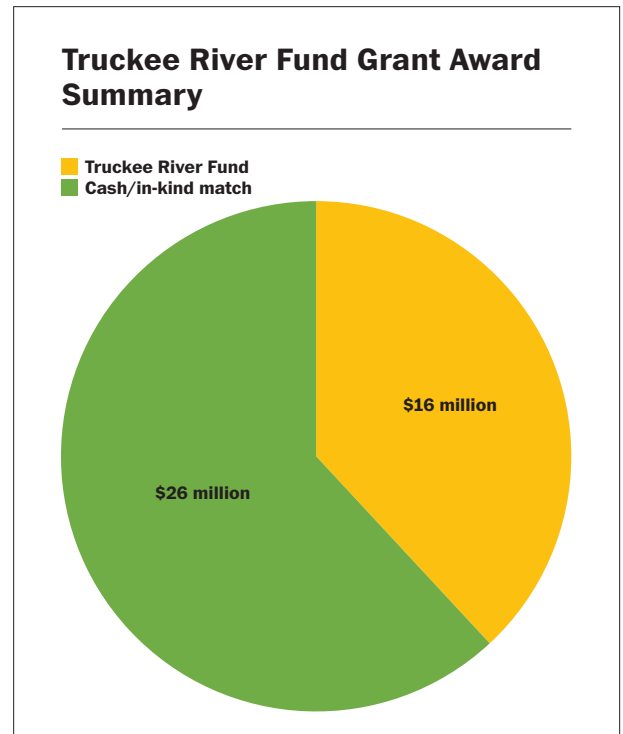


Figure 2

areas. For example, the Lake Tahoe Boat Inspection Program, established in 2008, prevents the introduction of new aquatic invasive species.

Pursuing Collaborative Development of Source Water Protection Areas

Through a multiyear effort coordinated by the Nevada Division of Environmental Protection (NDEP), TMWA and many regional partners developed source water protection areas (SWPAs) for the portion of the watershed in Washoe County. Critical SWPAs are designated around the capture zones (20-, 10-, five-, and two-year) of production wells and within a 300-foot buffer of the Truckee River and tributaries upstream of TMWA's water treatment plants. In addition, a larger SWPA boundary was established to identify groundwater recharge areas and potential groundwater development locations. The SWPAs are available through a publicly available online tool, and TMWA reviews and updates its SWPAs annually so they reflect its most current modeling and analysis.

TMWA receives spill reports from NDEP and determines whether the spills are located in SWPAs or have the potential to affect source water quality. When

TMWA's Source Water Protection Areas and Businesses^a of Potential Concern

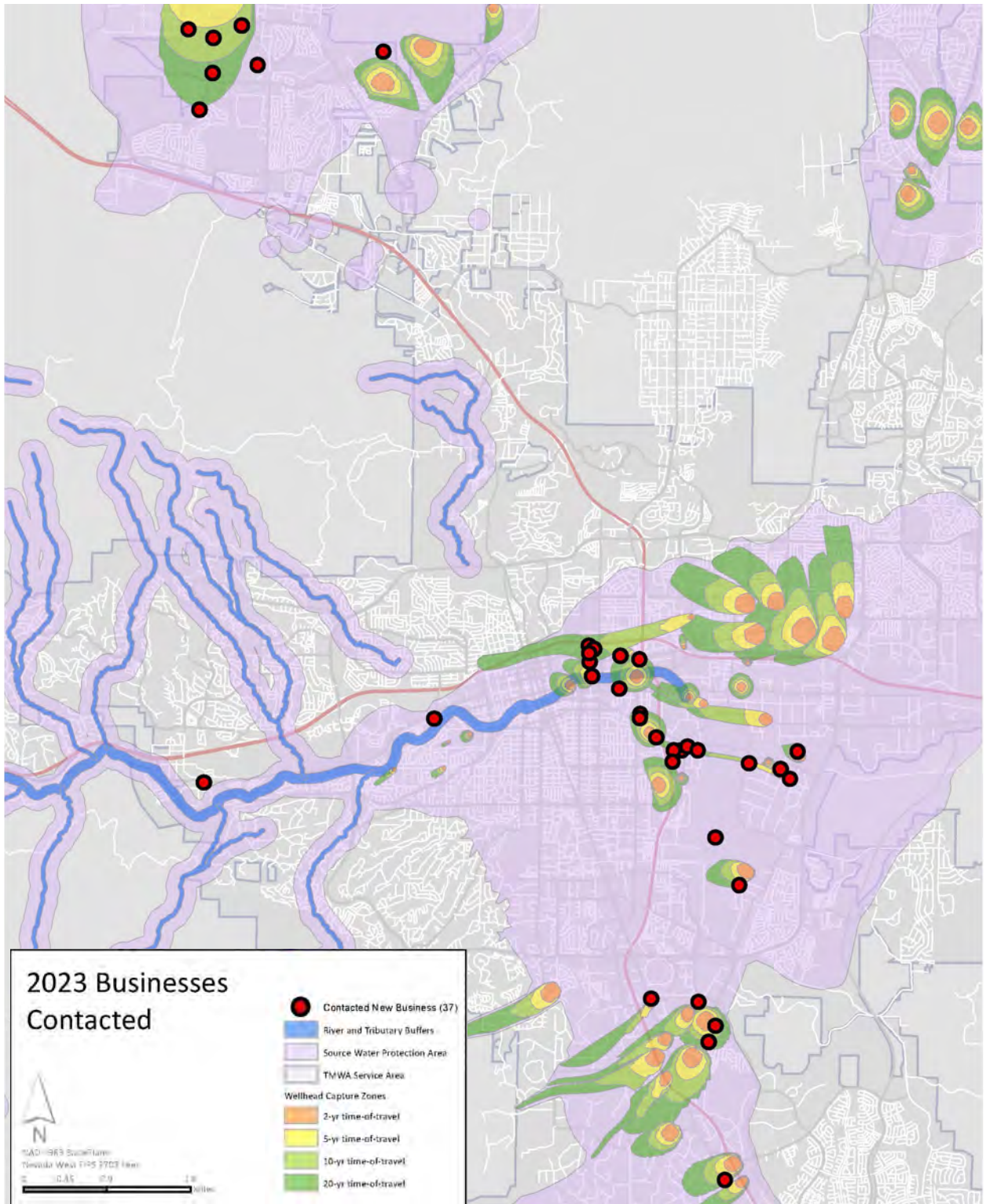


Figure 3

concerns emerge, TMWA follows up to ensure any spills are quickly addressed and potential water quality degradation is mitigated.

Conducting Business Owner Education and Outreach

No current regulations are in place to prevent or restrict development from occurring in the region's SWPAs. To address this, TMWA has collaborated with local jurisdictions to revise development codes to ensure TMWA is notified when certain business types operate near critical surface water and groundwater resources. Through a collaborative process with the City of Reno, TMWA started receiving notifications from new businesses with specific concerns for SWPAs in 2021, including industrial manufacturing and processing, automobile service and repair, commercial cleaners, and gas stations. TMWA received notifications from 150 businesses in 2023, and TMWA contacted approximately 25% of those businesses. Businesses were contacted if they were located within a critical SWPA and/or the business type was of particular concern for water quality (Figure 3).

This process provides TMWA the opportunity to educate those businesses about the presence of drinking water supplies near their operations and inform them of applicable state and local laws about chemical and waste storage, best management practices, and spill notification processes. This process also equips businesses with the information they need to take measures to prevent groundwater and surface water contamination. TMWA is working with other local jurisdictions to expand its notification program so that the entire service area is incorporated into the process.

Taking on Unexpected Projects

As in many cities, there are insufficient public restrooms and a lack of local funding to install and maintain restrooms in the Reno–Sparks area. TMWA's Glendale Water Treatment Plant is located in an urban, industrial area, and its intake can be affected by upstream users along the Truckee River. Human waste had been identified as an issue in the past, so in 2019, TMWA stepped in with funding support from Washoe County to purchase three Portland Loo public restroom facilities (Photo 1). In collaboration with a key nonprofit partner (One Truckee River), TMWA has installed three restrooms at public parks in Reno. The restrooms have decreased human waste by approximately 70% in the parks where they are located.

This project has succeeded because of its strong partnerships and ability to provide a solution to an issue that affects all river users, resulting in multiple benefits.



One of the Portland Loo facilities that Truckee Meadows Water Authority installed at a local park in Reno, Nev.

Photo 1

TMWA pays for the maintenance of the restrooms that One Truckee River facilitates. One Truckee River works with another local nonprofit to hire marginalized individuals to clean and maintain the restrooms. This project has multiple community benefits by protecting water quality upstream of TMWA's water treatment plant, providing needed access to sanitation facilities, and employing formerly unsheltered individuals.

Protecting the Forested Headwaters

TMWA increased its protection efforts through upstream forest management in 2021. As the 2021 Dixie Fire burned to the north of the Truckee River watershed and the 2021 Caldor Fire scorched into the Lake Tahoe Basin, it became apparent that large fires could easily occur in other portions of the watershed.

During this time, TMWA began collaborating with several upstream partners in the Middle Truckee River watershed because a catastrophic fire in this area would drastically affect its sources of supply. The Truckee River and most of the region's drought supply reservoirs (excluding Lake Tahoe) are located in this subwatershed, which spans from the outlet of Lake Tahoe to the Nevada border. The area is approximately 330,000 acres with more than 260,000 acres managed by the Tahoe National Forest.



Members of the Middle Truckee River Watershed Forest Partnership sign a memorandum of understanding at the California Wildfire Resilience Task Force meeting in October 2022.

Photo 2

In October 2022, TMWA signed (Photo 2) a memorandum of understanding (MOU) with the Tahoe National Forest, The Nature Conservancy, Truckee River Watershed Council, and National Forest Foundation (NFF) to form the Middle Truckee River Watershed Forest Partnership (MTRWFP). As stated in the MOU, the partnership goals include

- improving and restoring forest health and resilience,
- reducing the risk of high-severity wildfires,
- protecting communities from wildfires,
- protecting and securing water supplies and infrastructure, and
- augmenting resources gaps to increase the pace and scale of implementation.

The partners have also developed a 10-year vegetation plan that identifies priority projects, with a goal of sustainably treating 62,000 acres of US Forest Service lands by 2033.

Promoting Responsible Recreation

In 2021, TMWA completed construction on the Mt. Rose Water Treatment Plant, which is supplied from Whites Creek, a small tributary of the Truckee River. Whites Creek flows through a heavily used area that is close to the Reno–Sparks metropolitan area. The source water concerns in this subwatershed include erosion from



A forest ambassador educates trail users about responsible recreation and watershed protection.

Photo by Paige Land

Photo 3

off-trail use, proliferation of dog waste, and the potential for human-caused wildfires.

Starting in 2022, TMWA piloted a project with NFF and the Humboldt–Toiyabe National Forest to create a Forest Ambassador program. TMWA provided \$50,000 to get the program started, and NFF obtained funding from additional project sponsors. The forest ambassador spends time on the local trails educating recreationists about responsible trail use and the importance of protecting the region’s water supply (Photo 3). The forest ambassador interacted with nearly 2,600 people in 2022 and around 4,000 people in 2023. With limited funding for staff on the Humboldt–Toiyabe National Forest, this education program has filled an important gap, and TMWA used it to increase public education and outreach in a critical water supply subwatershed.

Addressing New Challenges

As one of TMWA’s primary storage reservoirs, Donner Lake is both a critical water resource and an important recreation area and tourist destination. During 2020, visitation to the Donner Lake area drastically increased, and with growing numbers of visitors came additional issues such as higher boat traffic, increased erosion, and more litter.

To address these issues, multiple stakeholders came together to form the Donner Interagency Partnership for Stewardship (DIPS). The intent of this collaboration is to collect and share data and then create a stewardship plan to address the various issues around the lake. DIPS partners now works together to complete an annual Donner Lake Assessment to monitor water quality and ecological conditions in the lake. Additionally, DIPS has created an important conduit for information between partners among whom communication had previously been more limited.

Program Insights

Dynamic Issues Require Creative Approaches

Like many utilities, the conditions that affect TMWA's water supply sources are constantly changing, and new concerns regularly emerge. The Reno–Sparks urban area has experienced steady economic development, including the establishment of many new industrial and manufacturing facilities that can create new sources of potential contamination. This leads to challenges related to ongoing development and increased visitation. In the headwaters area specifically, more recreation and tourism increase litter, erosion, and the risk for human-caused wildfires. Climate change will exacerbate many of these issues—for example, increasing the likelihood for high-intensity wildfires.

To address these challenges, TMWA continues to evolve its current strategic partnerships and develop new ones. Without regulatory authority to prohibit or limit land use in SWPAs, TMWA must rely on creative, collaborative efforts to protect its water supplies. TMWA has found success by identifying risks or threats and then using those opportunities to garner support for new initiatives.

Consistent Engagement Is Critical

An effective source water protection program needs dedicated staff time, resources, and high-level support at the leadership level. Developing and maintaining strong

partnerships has required consistent, dedicated engagement from TMWA.

In 2023, TMWA created a watershed coordinator position to spearhead its source water protection efforts. While TMWA does not implement many of the on-the-ground projects, such as river restoration or forest management work, it provides financial and technical support to ensure projects are successfully completed. With dedicated staff time, TMWA can take an active and consistent role to effectively maintain partnerships and coordinate new source water protection strategies and projects.

Create and Sustain Positive Public Perceptions

A strong education and outreach component helps customers understand where their water comes from and why it is important to protect those resources. TMWA uses multiple strategies to educate its customers, including social media, website updates, bill inserts, emails, press releases, and public presentations. Complex messages such as the link between upstream forest health and downstream water quality often require multiple outreach approaches to ensure the public understands why utility involvement is needed.

Overall, customers and the general public have been excited to hear about TMWA's proactive efforts to protect the region's most critical resources. Moving forward, TMWA is working on additional strategies such as curriculum development to teach high school students about the local watershed and water quality protection efforts.

Build Momentum to Tackle Further Challenges

As more source water protection projects are identified, competition for funding and other resources has increased. For example, momentum has been building throughout the northern Sierra Nevada region to increase the pace and scale of forest restoration work. However, funding opportunities and contractor capacity are limited. In the face of these and other constraints, the MTRWFP has leveraged its partnership to receive large state grants, and the Tahoe National Forest has been pursuing creative federal funding approaches that had not been previously considered regionally.

Another challenge with TMWA's current source water protection program is the ability to adequately quantify all its benefits and evaluate ongoing program performance. Some specific projects elements can be quantified, such as number of businesses contacted or quantity of acres restored; however, the direct water quality benefits of these programs are harder to establish.

Over the next several years, a program goal for TMWA is to better quantify the benefits of its various source

Without ownership of the land around its water supplies and without regulatory authority to prohibit or limit land use in source water protection areas, TMWA must rely on creative, collaborative efforts to protect its water supplies.

water protection initiatives and to track the results more effectively following implementation by potentially partnering with local universities or other research institutions. Developing performance metrics is critical to ensuring continued long-term investment in TMWA's source water protection initiatives.

A Successful Multicomponent Program

The potential source water protection challenges in TMWA's headwaters differ greatly from those in densely populated urban parts of its service area, so TMWA established effective collaborative partnerships to address the various threats to the region's surface water and groundwater supplies. One partnership cannot work for all the unique issues throughout the watershed, but TMWA's multicomponent program has been highly successful. As new threats emerge, TMWA will continue to seek out new and innovative collaborations to address its evolving source water protection concerns. 💧

About the Author



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<https://doi.org/10.1002/awwa.2351>

AWWA Resources

- Leveraging Source Water Protection Programs Through Effective Partnerships. Walker L, Morgan R, Stangel P. 2017. *Journal AWWA*. 109:1:58. <https://doi.org/10.5942/jawwa.2017.109.0004>
- Wildfire Caused Widespread Drinking Water Distribution Network Contamination. Proctor CR, Lee J, Yu D, et al. 2020. *AWWA Water Science*. 2:4:e1183. <https://doi.org/10.1002/aws2.1183>

These resources have been supplied by *Journal AWWA* staff. For information on these and other AWWA resources, visit www.awwa.org.



STAFF REPORT

TO: Board of Directors
THRU: John R. Zimmerman, General Manager
FROM: Bill Hauck, Water Supply Supervisor
DATE: December 3, 2024
SUBJECT: **December 2024 Water Operations Report**

SUMMARY

- The water supply outlook for our region remains positive
- Truckee River reservoir storage system-wide is about 62% of maximum capacity
- Lake Tahoe is currently 61% full
- TMWA’s privately owned storage (POSW) and TROA storage are in good shape
- A significant amount of this upstream reservoir storage will be carried over into next year, ensuring normal Truckee River flows through 2025 and into 2026
- Estimated hydroelectric generation for November is \$361,924 (@ 4,717 MWh)
- TMWA water customer demands are now at typical wintertime levels

(A) Water Supply

- **River Flows** - Truckee River flow at the CA/NV state line was four hundred (450) cubic feet per second (CFS) this morning. This is higher than the 115-year median of 382 CFS for this day. Farad flows should remain fairly constant through the end of December.
- **Reservoir Storage** - Overall, Truckee River reservoir storage is ~62% of capacity. The elevation of Lake Tahoe is currently 6226.73 feet which is 2.37’ below the maximum legal elevation of 6229.10’. Storage values for each reservoir as of December 3rd are as follows:

Reservoir	Current Storage (Acre-Feet)	% Capacity (Percent)
Tahoe	453,803	61%
Boca	6,627	16%
Stampede	174,995	77%
Prosser	9,110	31%
Donner	3,421	36%
Independence	14,587	83%

In addition to the 18,008 acre-feet of storage between Donner and Independence reservoirs, TMWA also has 15,634 acre-feet of water stored in Stampede and Boca reservoirs under the terms of TROA. TMWA’s total combined upstream reservoir storage as of this writing is approximately 33,642 acre-feet.

- **Outlook** - While still very early in the season snowpack is off to a good start. Upstream reservoir storage on the Truckee River system overall is in good shape for this time of the year (~62% of capacity). Lake Tahoe is about two-thirds (2/3) of the way full and TMWA has ample back-up storage in place between TROA and privately owned stored water (POSW) in Donner and Independence lakes. With most of this upstream reservoir storage projected to be carried over into next year, the regional water supply outlook remains positive. Normal Truckee River flows and water supply operations are projected through the end of 2025 and into 2026 regardless of what happens this winter.

(B) Water Production

- **Demand** - TMWA customer demand is at its wintertime low. Over the last full week of November demand averaged ~40 MGD. Surface water made up about 82% of our overall supply, and groundwater pumping the other 18%. TMWA’s peak demand day for 2024 was 148.8 MG on Tuesday July 9th.

(C) Hydro Production

Generation - The average flow in the Truckee River at Farad (CA/NV state line) during the month of November was 460 CFS. All three power plants were on-line and 100% available for the entire month.

Statistics and generation for the month of November are as follows:

Plant	Generation Days	% Availability	Generation (Megawatt Hours)	Revenue (Dollars)	Revenue (Dollars/Day)
Fleish	30	100%	1,730	\$133,089	\$4,436
Verdi	30	100%	1,638	\$124,881	\$4,163
Washoe	30	100%	1,349	\$103,954	\$3,465
Totals	90	-	4,717	\$361,924	\$12,064



**Truckee Meadows
Water Authority**
STAFF REPORT

TO: Chairman and Board Members
THRU: John R. Zimmerman, General Manager
FROM: Eddy Quaglieri, Resource Services Manager
DATE: December 3, 2024
SUBJECT: **Water Resources and Annexation Activity Report**

RULE 7

Rule 7 water resource purchases and will-serve commitment sales against purchased water resources through this reporting period:

Beginning Balance		3,191.68 AF
Purchases of water rights	16.61 AF	
Refunds	0.00 AF	
Sales	-51.66 AF	
Adjustments	0.00 AF	
Ending Balance		3,156.63 AF

Price per acre foot at report date: \$8,100

FISH SPRINGS RANCH, LLC GROUNDWATER RESOURCES

Through the merger of Washoe County's water utility, TMWA assumed a Water Banking and Trust Agreement with Fish Springs Ranch, LLC, a subsidiary of Vidler. Under the Agreement, TMWA holds record title to the groundwater rights for the benefit of Fish Springs. Fish Springs may sell and assign its interest in these groundwater rights to third parties for dedication to TMWA for a will-serve commitment in Areas where TMWA can deliver groundwater from the Fish Springs groundwater basin. Currently, TMWA can deliver Fish Springs groundwater to Area 10 only (Stead-Silver Lake-Lemmon Valley). The following is a summary of Fish Springs' resources.

Beginning Balance		7,352.69 AF
Committed water rights	0.00 AF	
Ending Balance		7,352.69 AF

Price per acre foot at report date: \$47,218 (SFR and MFR); \$40,960 (for all other services)¹

¹ Price reflects avoided cost of Truckee River water right related fees and TMWA Supply & Treatment WSF charge.

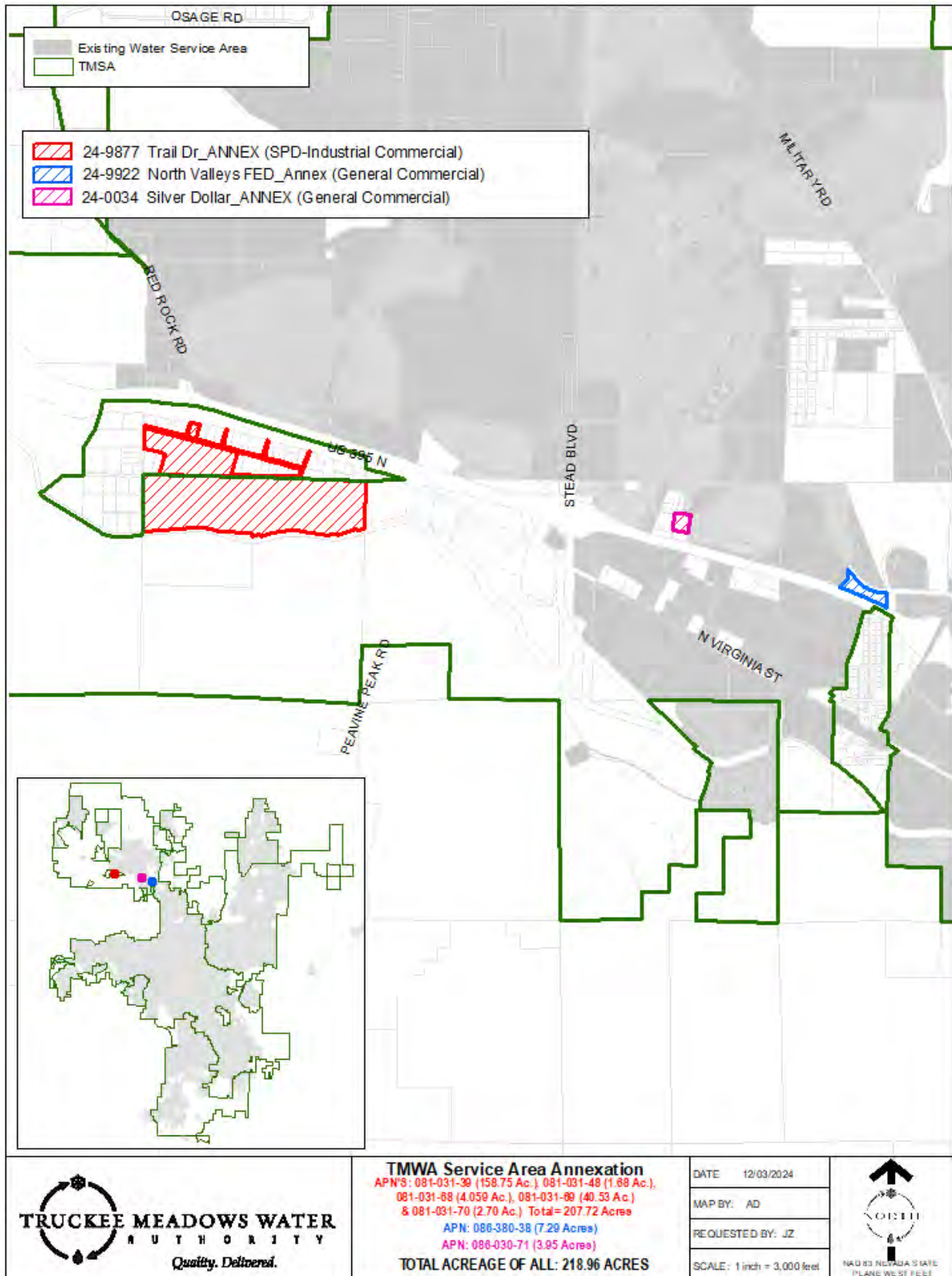
WATER SERVICE AREA ANNEXATIONS

Since the date of the last report, there have been 218.96 acres (Exhibit A) annexed into TMWA's service area.

INTERRUPTIBLE LARGE VOLUME NON-POTABLE SERVICE

No new ILVNPS customers have been added during this reporting period.

EXHIBIT "A"





STAFF REPORT

TO: Board of Directors
THRU: John R. Zimmerman, General Manager
FROM: Marci Westlake, Manager Customer Service
DATE: December 12, 2024
SUBJECT: **October/November Customer Service Report**

The following is a summary of Customer Service activity for October/ November 2024

Ombudsman Report – Kim Mazeres

- Customer upset regarding lack of communication around changing out his water meter for a smart meter. Customer simply wanted me to relay his concerns to the proper individuals, which I did. Supervisor Field and Meter Services promised to speak to the appropriate individuals about the issues.
- Customer called due to high bill, conservation reached out and determined that they had a leak and visited the property to help find where the leak is coming from.

Communications – Public Outreach – October/November

- Eddy Quaglieri had a Return Flow Management Symposium for UNLV, PLPT, TRIGID & TMWA and 20 people attended.
- Rosalinda Rodriguez, Travis Bunkowski and Mike Blancey attended The Career Opportunities and Apprenticeship conference, and 1000 students attended.
- Bill Hauck, Lauren Jones, Eddie Quaglieri. Jason Barnes & Angel Lacroix spoke at the AWWA conference for CalNevada AWWA and 8 attended.
- Kara Steeland spoke at the North American Lake Management Society on the Donner Lake Interagency Partnership for Stewardship and 30 people attended.
- Kara Steeland and Lydia Teel spoke at the Republican Women of Reno Luncheon on Water Resource Management in the Truckee Meadows and 100 people attended.

Conservation (2024 Calendar year)

- 1,267 Water Usage Reviews
- 8,134 Water Watcher Contacts

Customer Calls – October/November

- 13,675 phone calls handled.
- Average handling time 5 minutes 16 seconds per call.
- Average speed of answer :21 seconds per call.

Billing – October/November

- 277,160 bills issued.
- 68,737 customers (49%) have signed up for paperless billing to date, which equates to an annual savings of \$494,906.40

Remittance – October/November

- 27,319 Mailed-in payments.
- 44,278 Electronic payments.
- 106,994 Payments via AutoPay (EFT)
- 33,839 One-time bank account payments.
- 1,502 Pay by Text
- 8,926 IVR Payments.
- 1,746 Reno office Payments.
- 139 Kiosk Payments.

Collections – October/November

- 32,272 accounts received a late charge.
- 8,300 Mailed delinquent notices, 0.03% of accounts.
- 1,905 accounts eligible for disconnect.
- 1,545 accounts were disconnected. (Including accounts that had been disconnected-for-non-payment that presented NSF checks for their reconnection)
- 0.16 % write-off to revenue.

Meter Statistics – Fiscal Year to Date

- 2,070 Meter exchanges completed.
- 720 New business meter sets completed.

Service Line Warranties of America Statistics

- 11,194 Policies
- 8,882 Customers
- 309 Jobs Completed
- \$582,408 Customer Savings