



## TRUCKEE MEADOWS WATER AUTHORITY

### Board of Directors

### AGENDA

**NEW DAY: Thursday, December 8, 2022 at 10:00 a.m.**  
**Sparks Council Chambers, 745 4<sup>th</sup> Street, Sparks, NV**

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#### Board Members

Chair Vaughn Hartung  
Member Jenny Brekhus  
Member Paul Anderson

Vice Chair Kristopher Dahir  
Member Alexis Hill  
Member Naomi Duerr

#### 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. 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.
3. 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(6).
4. 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.
5. Asterisks (\*) denote non-action items.
6. Public comment is limited to three minutes and is allowed during the public comment periods. 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 Chairman has the discretion to allow public comment on any agenda item, including any item on which action is to be taken. Public comment, may be provided by submitting written comments online on TMWA's Public Comment Form ([tmwa.com/PublicComment](http://tmwa.com/PublicComment)) or by email sent to [boardclerk@tmwa.com](mailto: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. Public comment is limited to three minutes and is allowed during the public comment periods. The Board may elect to receive public comment only during the two public comment periods rather than each action item.
7. In the event the Chairman and Vice-Chairman are absent, the remaining Board members may elect a temporary presiding officer to preside over the meeting until the Chairman or Vice-Chairman are present (**Standing Item of Possible Action**).
8. 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.

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**)

<sup>1</sup>-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.

6. Approval of the minutes of the October 19, 2022 meeting of the TMWA Board of Directors (**For Possible Action**)
7. 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, 2023 through December 31, 2024 — Jessica Atkinson (**For Possible Action**)
8. 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, 2023 through December 31, 2024 — Jessica Atkinson (**For Possible Action**)
9. Presentation of Financial Performance for first quarter Fiscal Year 2023 — Matt Bowman\*
10. Discussion and possible action to withdraw Resolution No. 312 and remove property located at 9675 Western Skies Drive APN: 140-051-23 from TMWA's surplus property bid process — Heather Edmunson and Stefanie Morris (**For Possible Action**)
11. Discussion and possible action to authorize the General Manager to negotiate and execute an agreement with the Regional Transportation Commission for the sale and/or exchange of property located at 9675 Western Skies Drive (APN: 140-051-23) — Heather Edmunson and Stefanie Morris (**For Possible Action**)
12. Update regarding a Memorandum of Understanding for the Middle Truckee River Watershed Forest Partnership — Kara Steeland and Stefanie Morris\*
13. Presentation of Truckee River Fund Activities for Calendar Year 2022 — Sonia Folsom and Kara Steeland\*
14. 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, 2022, such appointments to be made for new terms from January 1, 2023 to December 31, 2024 from the following list of candidates: (1) Fred Arndt, primary representative, residential 2 customer; (2) Ken Becker, alternate representative, at-large 2 customer; (3) Robert Chambers, primary representative, senior citizen customer; (4) Jordan Hastings, primary representative, at-large 2 customer; (5) Karl Katt, alternate representative, irrigation customer; (6) Neil McGuire, primary representative, irrigation customer; (7) Ken McNeil, primary representative, at-large 1 customer; (8) Dale Sanderson, primary representative, residential 1 customer; and (9) Jerry Wager, primary representative, residential 3 customer — Sonia Folsom (**For Possible Action**)
15. Discussion and action on scheduling regular board meeting dates and times for the Calendar Year 2023 — Sonia Folsom (**For Possible Action**)
16. General Manager's Report\*
17. Public comment — limited to no more than three minutes per speaker\*
18. Board comments and requests for future agenda items\*
19. Adjournment (**For Possible Action**)

<sup>1</sup>-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.

TRUCKEE MEADOWS WATER AUTHORITY  
**DRAFT** MINUTES OF THE OCTOBER 19, 2022  
MEETING OF THE BOARD OF DIRECTORS

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The Board of Directors met on Wednesday, October 19, 2022, at TMWA, Independence Room. Chair Hartung called the meeting to order at 10:02 a.m.

**1. ROLL CALL**

**Directors Present:** Paul Anderson, \*Kristopher Dahir, \*\*Naomi Duerr, Vaughn Hartung, Alexis Hill, and Alternate Devon Reese.

**Director Absent:** Jenny Brekhus

A quorum was present.

***\*Director Dahir left the meeting at 1:00p.m.***

***\*\*Director Duerr left the meeting at 1:07 p.m.***

**2. PLEDGE OF ALLEGIANCE**

The pledge of allegiance was led by Alternate Reese.

**3. PUBLIC COMMENT**

There was no public comment.

**4. POSSIBLE BOARD COMMENTS OR ACKNOWLEDGEMENTS**

There were no Board comments.

**5. APPROVAL OF THE AGENDA**

**Upon motion by Director Hill, second by Alternate Reese, which motion duly carried by unanimous consent of the Directors present, the Board approved the agenda.**

**6. APPROVAL OF THE MINUTES OF THE SEPTEMBER 21, 2022 MEETING**

**Upon motion by Director Dahir, second by Director Duerr, which motion duly carried by unanimous consent of the Directors present, the Board approved the September 21, 2022 minutes.**

**7. WATER SUPPLY UPDATE**

Bill Hauck, TMWA Water Supply Supervisor, presented an update on the water supply in the region: it was the Truckee Meadows third drought year in a row, however overall water supply outlook is positive, expect normal river flows through the end of the month and no drought reserves were required to meet customer demands through the peak season, TMWA's upstream reserve reservoir storage has more water stored than ever before with more than 66,000 acre feet (AF), Lake Tahoe elevation will fall below the rim in the coming weeks, and the reservoirs will have little to no carry-over storage to meet Floriston Rates, so river flows next summer will be dependent on this winter's snowpack.

**8. REQUIRED COMMUNICATION FROM EIDE BAILLY IN REGARDS TO TMWA'S ANNUAL FINANCIAL AUDIT**

Matt Bowman, TMWA Chief Financial Officer, presented the required communication from Eide Bailly to conduct the FY22 financial audit and noted there will be a single audit due to receiving federal funds.

**9. DISCUSSION AND ACTION, AND POSSIBLE DIRECTION TO STAFF ON ADOPTION OF:**

**RESOLUTION NO. 309: A RESOLUTION APPROVING THE SALE OF SURPLUS PROPERTIES APN: 016-490-27 AND 016-490-32;**

**RESOLUTION NO. 310: A RESOLUTION APPROVING THE SALE OF SURPLUS PROPERTY APN: 016-490-50;**

**RESOLUTION NO. 311: A RESOLUTION APPROVING THE SALE OF SURPLUS PROPERTY APN: 038-730-37; AND**

**RESOLUTION NO. 312: A RESOLUTION APPROVING THE SALE OF SURPLUS PROPERTY APN: 140-051-23**

Heather Edmunson, TMWA Lands Administrator, presented the staff report. Ms. Edmunson informed the Board that staff reached out to representatives of City of Reno, City of Sparks and Washoe County, to determine if those agencies had a need for the properties, but all declined. The vacant properties, being sold as is, are not needed for water system operations and maintenance and need to be disposed of to eliminate potential future liability and staff time necessary for maintenance; the appraisal information describes the potential for development or zone changes for the respective lots.

The Board discussed staff reaching out to the local agencies to garner interest in any of these properties, particularly the site at TMWA's Mogul Office would be of interest to City of Reno (going out to bid will yield more income and offset customer costs), whether the bids would be too low if the Board could reject the offers (yes, the Board can reject any offer deemed too low), are the proceeds from the property sale restricted (no, the funds go into TMWA's general unrestricted cash), and reaching out again to staff at the local agencies for reconsideration. Stefanie Morris, TMWA Director of Legal & Regulatory Affairs, stated that the Board can authorize staff to move forward with going out to bid (to keep with

TMWA's resolution criteria of staying within the six-month timeframe of obtaining the appraisal), and in parallel revisit the agencies and staff can return with an update to the Board at the December meeting. Also, Nevada Revised Statutes (NRS) allows property to be donated to local or non-profit organizations, but TMWA's resolution requires Board authorization.

Director Anderson asked about length of public noticing for the sale. Ms. Edmunson replied staff is required to notice for a minimum of three weeks, but will advertise for six weeks to ensure the public is well notified; the deadline for submission is January 6<sup>th</sup> for Board review at the January 18<sup>th</sup> meeting.

**Upon motion by Director Dahir, second by Director Anderson, which motion duly carried by unanimous consent of the Directors present, the Board adopted Resolution No. 309: A resolution approving the sale of Surplus Properties APN: 016-490-27 and 016-490-32; Resolution No. 310: A resolution approving the sale of Surplus Property APN: 016-490-50; Resolution No. 311: A resolution approving the sale of Surplus Property APN: 038-730-37; and Resolution No. 312: A resolution approving the sale of Surplus Property APN: 140-051-23.**

#### 10. PRESENTATION OF AND DISCUSSION, AND POSSIBLE DIRECTION TO STAFF REGARDING PRELIMINARY FUNDING PLAN FOR FISCAL YEARS 2023 THROUGH 2027

Mr. Bowman presented the staff report and requested Board approval of the funding plan as presented. The funding plan included the previously approved 2.5% rate increase to be implemented in June 2023, increases to revenue requirement due to inflation and staff increases, a projected slowdown in connection fees beginning FY 2024. Mr. Bowman told the board to anticipate consideration of future rate increases which will be presented next year for fiscal years 2024 and beyond. Mr. Bowman added the Standing Advisory Committee approved recommending the proposed funding plan as well as Board consideration for a range of small, annual increases to go into effect in FY 2024 after the next funding plan is presented.

Alternate Reese thanked Mr. Bowman for his conservative approach and asked about the reduced cash flow between FY23 and FY27. Mr. Bowman replied it reflects a revenue deficiency and a slow down in connection fees (significant connection fees the last two years). Mr. Bowman added that TMWA does not want to rely on connection fees for cash reserves.

Director Hill asked for clarification on why projections show a decrease in connection fees and increase in cost-of-service increase. Mr. Bowman replied the increase in cost of service is related to staffing and if recession hits, they could hold off on increasing staff. Actual staff increases will be included in the budget for Board approval in spring 2023.

**Upon motion by Director Hill, second by Alternate Reese, which motion duly carried by unanimous consent of the Directors present, the Board approved the funding plan for Fiscal Years 2023 through 2027.**

*Chair Hartung called for a recess at 11:29 a.m.*

*Chair Hartung reconvened the meeting at 11:30 a.m.*

## 11. PRESENTATION OF TMWA'S FISCAL YEAR 2022 CUSTOMER SATISFACTION STUDY

Andy Gebhardt, TMWA Director of Distribution, presented the FY 2022 customer satisfaction study results conducted by InfoSearch International, who have conducted the study since 2002. This past year, InfoSearch International worked on transitioning from a telephone survey, which was becoming difficult to conduct, to an online survey and reevaluated the questions to make them more relevant. Due to the transition, the survey, which will be conducted bi-annually, was launched in June 2022 (1<sup>st</sup> Wave). Mr. Gebhardt noted overall satisfaction was great at 84% and pointed out two main points customers did not like about TMWA was (1) chlorine use, and (2) allow growth to occur. He noted that the main challenge is communicating that TMWA does not approve growth, but must ensure that future water demands can be met.

Director Hill requested to see the comments. Mr. Gebhardt replied he will email them to the Board.

Vice Chair Dahir asked if the survey could show demographic content. Mr. Gebhardt replied through the survey, they know where they are from, but no other information. As it is a new tool, they can see if it is possible for future surveys.

Chair Hartung asked if 7% without an online account is consistent with national average of utilities. Mr. Gebhardt replied he would find out what the national average is and update the Board.

*Chair Hartung called for a recess at 12:03 p.m.*

*Chair Hartung reconvened the meeting at 12:13 p.m.*

## 12. PRESENTATION OF TMWA GOALS AND OBJECTIVES RESULTS FOR FISCAL YEAR 2022

John Zimmerman, TMWA General Manager, and Sonia Folsom, TMWA Executive Assistant, presented TMWA's Goals and Objectives results for FY 2022. Staff added explanations for their respective goals, in particular ones that had not been met.

Director Duerr requested staff, if possible, to move up the emergency response option at the beginning of the recording. Staff will review updating the customer phone tree to be more customer friendly.

Chair Hartung inquired how the accidents are monitored to know if TMWA is at fault. Ms. Atkinson replied, the definition of collision does not consider fault or geography, rough or dirt roads, and accidents in those situations count toward the metric.

Chair Hartung inquired if TMWA was able to recharge 1,800 AF in FY22, what is the overall goal for amount of water recharged and requested monitoring of the cost and long-term value for infrastructure at American Flat. John Enloe, TMWA Director of Natural Resources, replied the goal is 9,000 AF long-term and staff is working through permitting requirements, made some improvements on some wells,

and were able to recharge on Mt. Rose Fan for the first time. Vice Chair Dahir recommended to reflect the ultimate target in the goal.

Mr. Bowman said that Fitch credit rating agency improved TMWA's credit rating from AA to AAA.

Levi Kleiber, TMWA Business Information Systems Manager, informed the Board that TMWA's IT and physical security threat plans are in place to ensure TMWA does not pay any ransom with several backups (both physical and cloud storage) in place.

Mr. Bowman noted the number of delinquent accounts was high due to the pandemic (TMWA had stopped shut offs for non-payment) and it is important to keep an eye on the trend going forward.

Chair Hartung asked about the intern program with OneWater Nevada. Ms. Atkinson replied TMWA does not have one, but hire as needed and will look at recruitment at the university level.

Danny Rotter, TMWA Director of Engineering, introduced David Kershaw, TMWA Engineering Manager. Mr. Rotter updated the Board on the Orr Ditch project and why so little was expended in FY22: original goal for construction completion was spring 2023, but the CMAR process pushed it to spring 2025, staff believes they will break ground in spring 2023; once completed, it will offset 60% of Chalk Bluff's power consumption.

### 13. DISCUSSION AND ACTION, AND POSSIBLE DIRECTION TO STAFF ON THE PROPOSED TMWA GOALS AND OBJECTIVES FOR FISCAL YEAR 2023

Ms. Folsom presented the new and changed goals for FY 2023.

Director Hill asked, for Engineering Goal #4, if TMWA was on Accela or another platform. Mr. Rotter replied no, not cost effective, but TMWA is a third-party user. Staff is looking at our partners in the south to learn and see what platforms they use. Mr. Kleiber added TMWA is a user on the PLL module within asset management, Cityworks, which tracks workflow.

Ms. Morris said staff can amend the recharge goal to state they will make significant progress to reach 9,000 AF and track annual (percentage), site-specific details and where recharge occurred when possible since there is a lot of groundwater storage; it makes sense to craft the goal that over 10 years.

Director Hill request if tracking litigation/disputes should be a goal/policy? Ms. Morris replied staff can do that, but many are attorney client privilege; staff preference is to give Board quarterly updates. Mr. Zimmerman added if there is any litigation that TMWA starts which is over \$25k staff must bring it to the Board as well as any settlement over that amount.

**Upon motion by Director Dahir, second by Director Hill, which motion duly carried by unanimous consent of the Directors present, the Board approved the proposed TMWA goals and objectives for fiscal year 2023 with Board comments.**

### 14. DISCUSSION AND ACTION, AND POSSIBLE DIRECTION TO STAFF ON THE PROPOSED GENERAL MANAGER GOALS AND OBJECTIVES FOR CONTRACT YEAR 2022 – 2023

Mr. Zimmerman presented the staff report and noted that none of these goals can be accomplished without the support of staff and management team.

Mr. Rotter updated the Board on the Mt. Rose Water Treatment Plant Goal #8 which was affected by the late summer storms and has been offline since to make efficiency improvements and improvement remote operations systems and add air to backwash cycle at intake.

Mr. Zimmerman addressed the succession planning process that will include all employees and introduced an employee engagement plan for increased communication, interaction, and collaboration and cross-departmental understanding; his approach is a start of the type of climate study that best suits TMWA. He will return next September with the results and outcomes to the Board.

Chair Hartung would like to understand the American Flat project cost per acre foot on an ongoing basis.

Director Hill stated she was impressed and excited to hear about the climate study, the outcome and likes that TMWA is doing it in smaller groups and tailoring it for employees.

**Upon motion by Director Hill, second by Director Anderson, which motion duly carried by unanimous consent of the Directors present, the Board approved the proposed General Manager Goals and Objectives for contract year 2022 – 2023.**

#### 15. GENERAL MANAGER'S REPORT

Mr. Zimmerman mentioned staff volunteered at Independence Lake on October 14<sup>th</sup> which was a huge success and is hopeful it becomes an annual event. Also, the water rights monthly report included a large purchase (224 AF of Truckee River water rights from Steamboat Ditch) that Stef Morris obtained and finally, the November 17<sup>th</sup> meeting will be cancelled due to the holidays and the next meeting is on December 8<sup>th</sup>.

#### 16. PUBLIC COMMENT

There was no public comment.

#### 17. BOARD COMMENTS AND REQUESTS FOR FUTURE AGENDA ITEMS

There were no Board comments.

#### 18. ADJOURNMENT

With no further discussion, Chair Hartung adjourned the meeting at 1:22 p.m.

Approved by the TMWA Board of Directors in session on \_\_\_\_\_.

Sonia Folsom, Board Clerk.

***\*Vice Chair Dahir was present for agenda items 1 thru 13 only***

***\*\*Director Duerr was present for agenda items 17 thru 13 and part of 14 only.***





## STAFF REPORT

**TO:** Board of Directors  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** Jessica Atkinson, Human Resources Manager  
**DATE:** November 23, 2022  
**SUBJECT:** 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, 2023 through December 31, 2024

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### Recommendation

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

### Summary

- Current trustee appointments will expire on December 31, 2022
- 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, 2022. 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 Manager  
**DATE:** November 23, 2022  
**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, 2023 through December 31, 2024**

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### **Recommendation**

Staff recommends that the Board of Directors confirm the reappointments of Matt Bowman and Juan Esparza to represent TMWA Management, Professional, Administrative and Technical (MPAT) employees and the reappointment of Steven Enos and appointment of Richard “Drew” Merrigan 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 expire on December 31, 2022
- 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, 2022. Appointments have been made consistent with the Trust provisions pending final confirmation by the Board.



**TO:** Board of Directors  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** Matt Bowman, Chief Financial Officer  
**DATE:** November 30, 2022  
**SUBJECT:** Presentation of Fiscal Year 2023 Q1 Financial Results

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### 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 2023	Budget YTD 2023	Variance \$	Variance %
CHANGE IN NET POSITION	\$ 26,737,638	\$ 34,514,392	\$ (7,776,754)	(23)%

Change in net position was \$7.8m or 23% lower than budget for Q1 2023. This was driven by lower water sales, higher operating expenses and a nonoperating loss due to decrease in the fair value of investments.

### Year over Year

	Actual YTD 2023	Actual YTD 2022	Variance \$	Variance %
CHANGE IN NET POSITION	\$ 26,737,638	\$ 26,697,184	\$ 40,454	— %

Change in net position was \$0.04m or 0.2% higher than the prior year. This was due to higher operating expenses, higher loss due to the decrease in fair value of investments, offset by higher developer infrastructure contributions.

## Revenue

### Budget to Actual

	Actual YTD 2023	Budget YTD 2023	Variance \$	Variance %
<b>OPERATING REVENUES</b>				
Charges for Water Sales	42,173,720	43,571,238	(1,397,518)	(3)%
Hydroelectric Sales	937,481	898,731	38,750	4 %
Other Operating Sales	917,385	965,266	(47,881)	(5)%
Total Operating Revenues	44,028,586	45,435,235	(1,406,649)	(3)%

Operating revenue was \$1.4m or 3% lower than budget for Q1 2023. This was mostly driven by lower water sales. Water consumption was lower than expected due to record precipitation in the month of August. Subsequent to quarter end in the month of October, however, there has been significant increases in water consumption due to hot temperatures and minimal precipitation. This will likely offset the variance to budget during Q2.

### Year over Year

	Actual YTD 2023	Actual YTD 2022	Variance \$	Variance %
<b>OPERATING REVENUES</b>				
Charges for Water Sales	42,173,720	42,251,686	(77,966)	— %
Hydroelectric Sales	937,481	535,609	401,872	75 %
Other Operating Sales	917,385	1,088,343	(170,958)	(16)%
Total Operating Revenues	44,028,586	43,875,638	152,948	— %

Total operating revenues were very close to prior year, only higher by \$0.2m, or less than 1%. Water consumption was lower than prior year resulting in water sales that were very close in total to the prior year. Hydroelectric sales were higher due to sustained river flows and plants online for the entirety of the quarter.

## Operating Expenses

### Budget to Actual

	Actual YTD 2023	Budget YTD 2023	Variance \$	Variance %
<b>OPERATING EXPENSES</b>				
Salaries and Wages	6,867,903	7,364,515	(496,612)	(7)%
Employee Benefits	2,867,956	3,189,263	(321,307)	(10)%
Services and Supplies	11,952,517	9,426,032	2,526,485	27 %
Total Operating Expenses Before Depreciation	21,688,376	19,979,810	1,708,566	9 %
Depreciation	8,583,425	8,657,087	(73,662)	(1)%
Total Operating Expenses	30,271,801	28,636,897	1,634,904	6 %

Total operating expenses were \$1.6m higher (6%) than budget for Q1 2023. Salaries and wages and employee benefits are both lower due primarily to position vacancies. Services and supplies were \$2.5m (27%) higher than budget due mostly to price increases for materials and supplies. Approximately \$0.7m of the variance is due to timing in sponsorship costs. TMWA paid most of the year's budget in Q1 and will not exceed the total annual budget. This leaves approximately \$1.8m of other increases. Electric power and chemical costs alone make up approximately \$1.5m of this. These increases are due mostly to price increases in these items (minimal increases in consumption).

### Year over Year

	Actual YTD 2023	Actual YTD 2022	Variance \$	Variance %
<b>OPERATING EXPENSES</b>				
Salaries and Wages	6,867,903	6,357,935	509,968	8 %
Employee Benefits	2,867,956	2,684,483	183,473	7 %
Services and Supplies	11,952,517	9,422,436	2,530,081	27 %
Total Operating Expenses Before Depreciation	21,688,376	18,464,854	3,223,522	17 %
Depreciation	8,583,425	8,315,885	267,540	3 %
Total Operating Expenses	30,271,801	26,780,739	3,491,062	13 %

Year over year operating expenses were \$3.5m higher than Q1 of the prior year. Cost of living increases, step increases, and additions to staff during FY 2022 and in the first quarter of FY 2023 led to the increase in salaries and wages and employee benefits. Services and supplies expenses are higher due to the reasons discussed above, primarily price increases to electric power and chemical costs.

Non-Operating ExpensesBudget to Actual

	Actual YTD 2023	Budget YTD 2023	Variance \$	Variance %
<b>NONOPERATING REVENUES (EXPENSES)</b>				
Investment Earnings	613,892	766,006	(152,114)	(20)%
Net Increase (Decrease) in FV of Investments	(4,153,045)	—	(4,153,045)	— %
Gain (Loss) on Disposal of Assets	(16,078)	(425,000)	408,922	(96)%
Amortization of Bond/note Issuance Costs	—	—	—	— %
Interest Expense	(2,869,475)	(2,874,924)	5,449	— %
Total Nonoperating Revenues (Expenses)	(6,424,706)	(2,533,918)	(3,890,788)	154 %

Nonoperating expenses were \$3.9m higher than budgeted for Q1 2023. The primary driver was a loss on fair value of investments, which is caused when the value of investments held (based on the coupon rate) is lower than current market value of the same investment. Due to the unprecedented rise in interest rates over the last six months, the fair value decrease has been significant.

Year over Year

	Actual YTD 2023	Actual YTD 2022	Variance \$	Variance %
<b>NONOPERATING REVENUES (EXPENSES)</b>				
Investment Earnings	613,892	512,119	101,773	20 %
Net Increase (Decrease) in FV of Investments	(4,153,045)	(443,792)	(3,709,253)	836 %
Gain (Loss) on Disposal of Assets	(16,078)	—	(16,078)	— %
Amortization of Bond/note Issuance Costs	—	801	(801)	(100)%
Interest Expense	(2,869,475)	(2,980,502)	111,027	(4)%
Total Nonoperating Revenues (Expenses)	(6,424,706)	(2,911,374)	(3,513,332)	121 %

Nonoperating expenses were higher than prior year during Q1 by \$3.5m, primarily due to the decrease in fair value of investments as discussed above. The rise in interest rates has been accelerated compared to Q1 of the prior year which led to a larger decrease in fair value.

## Capital Contributions

### Budget to Actual

	Actual YTD 2023	Budget YTD 2023	Variance \$	Variance %
<b>CAPITAL CONTRIBUTIONS</b>				
Grants	—	896,409	(896,409)	(100)%
Water Resource Sustainability Program	383,680	710,000	(326,320)	(46)%
Developer Infrastructure Contributions	11,874,761	5,475,792	6,398,969	117 %
Developer Will-serve Contributions (Net of Refunds)	1,849,748	1,811,425	38,323	2 %
Developer Capital Contributions - Other	2,569,367	2,761,050	(191,683)	(7)%
Developer Facility Charges (Net of Refunds)	2,622,919	3,296,565	(673,646)	(20)%
Contributions from Others	—	23,731	(23,731)	(100)%
Contributions from Other Governments	105,084	5,275,000	(5,169,916)	(98)%
Net Capital Contributions	19,405,559	20,249,972	(844,413)	(4)%

Capital contributions were \$0.8m lower than budget. The largest offsetting variances are related to higher non-cash developer infrastructure contributions, offset by lower contributions related to the American Flat APW project. Lower grant revenue and connection fee revenue also contributed to the variance. Developer infrastructure contributions included a significant amount of assets completing inspection and dedicated to TMWA during the quarter. This amount does not necessarily reflect the current volume of projects or activity, but rather the completion of projects, or segments of projects. Contributions from others is lower due to timing of spend on the American Flat APW project. Majority of spending in FY 2023 will come later in the year, at which point contributions from City of Reno will increase.

### Year over Year

	Actual YTD 2023	Actual YTD 2022	Variance \$	Variance %
<b>CAPITAL CONTRIBUTIONS</b>				
Grants	—	—	—	— %
Water Resource Sustainability Program	383,680	325,628	58,052	18 %
Developer Infrastructure Contributions	11,874,761	6,060,770	5,813,991	96 %
Developer Will-serve Contributions (Net of Refunds)	1,849,748	1,001,404	848,344	85 %
Developer Capital Contributions - Other	2,569,367	2,057,232	512,135	25 %
Developer Facility Charges (Net of Refunds)	2,622,919	3,068,625	(445,706)	(15)%
Contributions from Others	—	—	—	— %
Contributions from Other Governments	105,084	—	105,084	— %
Net Capital Contributions	19,405,559	12,513,659	6,891,900	55 %

Year over year, capital contributions are \$6.9m higher than the prior year due mostly to higher developer infrastructure contributions as discussed above. Developer connection fees were approximately \$0.9m or 15% higher than the prior year.

### Capital Spending

Cash spent on capital outlays and construction projects during the first quarter was approximately \$3.9m. Total budgeted capital spend for fiscal year 2023 is \$83.9m, which includes \$20m and \$15m for the American Flat APW facility and Orr Ditch pump station and hydro facility, respectively. Spending on the top three projects is listed below:

Lakeside Drive main replacement	\$0.6m
Orr Ditch pump station and hydro facility	\$0.5m
Storage tank improvements	\$0.2m

### Cash Position

At September 30, 2022 total cash and investments was \$224.6m or \$4.0m lower than at the beginning of the fiscal year. Of the total cash and investments, \$163.3m was unrestricted to be used to meet upcoming and future operating & maintenance expenses, principal & interest payments and construction project payments. The remaining \$61.3m 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, 2022

	Actual YTD 2023	Budget YTD 2023	Variance \$	Variance %
<b>OPERATING REVENUES</b>				
Charges for Water Sales	\$ 42,173,720	\$ 43,571,238	\$ (1,397,518)	(3)%
Hydroelectric Sales	937,481	898,731	38,750	4 %
Other Operating Sales	917,385	965,266	(47,881)	(5)%
Total Operating Revenues	44,028,586	45,435,235	(1,406,649)	(3)%
<b>OPERATING EXPENSES</b>				
Salaries and Wages	6,867,903	7,364,515	(496,612)	(7)%
Employee Benefits	2,867,956	3,189,263	(321,307)	(10)%
Services and Supplies	11,952,517	9,426,032	2,526,485	27 %
Total Operating Expenses Before Depreciation	21,688,376	19,979,810	1,708,566	9 %
Depreciation	8,583,425	8,657,087	(73,662)	(1)%
Total Operating Expenses	30,271,801	28,636,897	1,634,904	6 %
<b>OPERATING INCOME</b>	<b>13,756,785</b>	<b>16,798,338</b>	<b>(3,041,553)</b>	<b>(18)%</b>
<b>NONOPERATING REVENUES (EXPENSES)</b>				
Investment Earnings	613,892	766,006	(152,114)	(20)%
Net Increase (Decrease) in FV of Investments	(4,153,045)	—	(4,153,045)	— %
Gain (Loss) on Disposal of Assets	(16,078)	(425,000)	408,922	(96)%
Amortization of Bond/note Issuance Costs	—	—	—	— %
Interest Expense	(2,869,475)	(2,874,924)	5,449	— %
Total Nonoperating Revenues (Expenses)	(6,424,706)	(2,533,918)	(3,890,788)	154 %
Gain (Loss) Before Capital Contributions	7,332,079	14,264,420	(6,932,341)	(49)%
<b>CAPITAL CONTRIBUTIONS</b>				
Grants	—	896,409	(896,409)	(100)%
Water Resource Sustainability Program	383,680	710,000	(326,320)	(46)%
Developer Infrastructure Contributions	11,874,761	5,475,792	6,398,969	117 %
Developer Will-serve Contributions (Net of Refunds)	1,849,748	1,811,425	38,323	2 %
Developer Capital Contributions - Other	2,569,367	2,761,050	(191,683)	(7)%
Developer Facility Charges (Net of Refunds)	2,622,919	3,296,565	(673,646)	(20)%
Contributions from Others	—	23,731	(23,731)	(100)%
Contributions from Other Governments	105,084	5,275,000	(5,169,916)	(98)%
Net Capital Contributions	19,405,559	20,249,972	(844,413)	(4)%
<b>CHANGE IN NET POSITION</b>	<b>\$ 26,737,638</b>	<b>\$ 34,514,392</b>	<b>\$ (7,776,754)</b>	<b>(23)%</b>

# Truckee Meadows Water Authority

Comparative Statements of Revenues, Expenses and Changes in Net Position

For the first quarter ended September 30, 2022

	Actual YTD 2023	Actual YTD 2022	Variance \$	Variance %
<b>OPERATING REVENUES</b>				
Charges for Water Sales	\$ 42,173,720	\$ 42,251,686	\$ (77,966)	— %
Hydroelectric Sales	937,481	535,609	401,872	75 %
Other Operating Sales	917,385	1,088,343	(170,958)	(16)%
Total Operating Revenues	44,028,586	43,875,638	152,948	— %
<b>OPERATING EXPENSES</b>				
Salaries and Wages	6,867,903	6,357,935	509,968	8 %
Employee Benefits	2,867,956	2,684,483	183,473	7 %
Services and Supplies	11,952,517	9,422,436	2,530,081	27 %
Total Operating Expenses Before Depreciation	21,688,376	18,464,854	3,223,522	17 %
Depreciation	8,583,425	8,315,885	267,540	3 %
Total Operating Expenses	30,271,801	26,780,739	3,491,062	13 %
<b>OPERATING INCOME</b>	<b>13,756,785</b>	<b>17,094,899</b>	<b>(3,338,114)</b>	<b>(20)%</b>
<b>NONOPERATING REVENUES (EXPENSES)</b>				
Investment Earnings	613,892	512,119	101,773	20 %
Net Increase (Decrease) in FV of Investments	(4,153,045)	(443,792)	(3,709,253)	836 %
Gain (Loss) on Disposal of Assets	(16,078)	—	(16,078)	— %
Amortization of Bond/note Issuance Costs	—	801	(801)	(100)%
Interest Expense	(2,869,475)	(2,980,502)	111,027	(4)%
Total Nonoperating Revenues (Expenses)	(6,424,706)	(2,911,374)	(3,513,332)	121 %
Gain (Loss) Before Capital Contributions	7,332,079	14,183,525	(6,851,446)	(48)%
<b>CAPITAL CONTRIBUTIONS</b>				
Grants	—	—	—	— %
Water Resource Sustainability Program	383,680	325,628	58,052	18 %
Developer Infrastructure Contributions	11,874,761	6,060,770	5,813,991	96 %
Developer Will-serve Contributions (Net of Refunds)	1,849,748	1,001,404	848,344	85 %
Developer Capital Contributions - Other	2,569,367	2,057,232	512,135	25 %
Developer Facility Charges (Net of Refunds)	2,622,919	3,068,625	(445,706)	(15)%
Contributions from Others	—	—	—	— %
Contributions from Other Governments	105,084	—	105,084	— %
Net Capital Contributions	19,405,559	12,513,659	6,891,900	55 %
<b>CHANGE IN NET POSITION</b>	<b>\$ 26,737,638</b>	<b>\$ 26,697,184</b>	<b>\$ 40,454</b>	<b>— %</b>



## STAFF REPORT

**TO:** Chairman and Board Members  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** Stefanie Morris, Director of Legal and Regulatory Affairs  
Heather Edmunson, Lands Administrator  
**DATE:** December 8, 2022  
**SUBJECT:** **Discussion and possible action to withdraw Resolution No. 312 and remove property located at 9675 Western Skies Drive APN: 140-051-23 from TMWA's surplus property bid process**

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### SUMMARY

On October 19, 2022, the TMWA Board approved Resolution 312 to sell vacant surplus property located at 9675 Western Skies Drive (APN:140-051-23).

### DISCUSSION

During the meeting, staff informed the Board that the surplus properties had been offered for consideration to the City of Reno, City of Sparks and Washoe County in compliance with TMWA's Disposal of Surplus Property Policy and all three agencies were not interested in the property. The Board expressed an interest in revisiting other departments within their respective agencies to see if any other agencies or departments have a need for the properties.

The Regional Transportation Commission contacted TMWA expressing an interest in the property for future roadway purposes.

### RECOMMENDATION

Staff recommends the Board approve withdrawing the above referenced parcel from the public bidding process as it is in the best interest of TMWA to sell or exchange the property to another governmental entity.

Attachments:

Exhibit Map



*Exhibit: Western Skies - Former Washoe County Truck Fill Site.*  
*APN: 140-051-23 (3.509± acres)*





## STAFF REPORT

**TO:** Chairman and Board Members  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** Stefanie Morris, Director of Legal and Regulatory Affairs  
Heather Edmunson, Lands Administrator  
**DATE:** December 8, 2022  
**SUBJECT:** **Discussion and possible action to authorize the General Manager to negotiate and execute an agreement with the Regional Transportation Commission for the sale and/or exchange of property located at 9675 Western Skies Drive (APN: 140-051-23)**

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### SUMMARY

After the October 19, 2022 Board meeting, TMWA was contacted by RTC inquiring about the sale or exchange of the vacant surplus property located at 9675 Western Skies Drive (“Property”) for a future transportation project. In the October 19, 2022, Board package the General Manager made necessary findings that the Property was surplus. (See attachment “A”.) Those findings remain valid.

### DISCUSSION

Following up on RTC’s interest in the Property, TMWA staff met with RTC representatives to discuss a land exchange for a future TMWA tank site and/or purchase of the Property. RTC expressed the desire to either purchase or exchange the Property. The exact terms of a sale or exchange are unknown at this time. The parties agreed that they would continue discussions related to sale or exchange.

### RECOMMENDATION

Staff recommends the Board authorize the General Manager to negotiate and execute an agreement with RTC for the sale or exchange of the Property that is beneficial to TMWA’s interests.

Attachments:

Exhibit A

**STAFF REPORT**

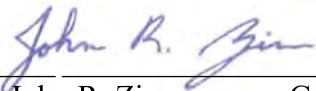
**TO:** Chairman and Board Members  
**FROM:** John R. Zimmerman, General Manager  
**DATE:** October 19, 2022  
**SUBJECT:** **Certification Pursuant to Surplus Property Disposal Policy –**  
**APN's: 016-490-27; 016-490-32; 016-490-50; 038-730-37 & 140-051-23**

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The General Manager hereby certifies to the Board of the Truckee Meadows Water Authority that the real properties listed below, and more further described in the attached Exhibits A, B, C, D, and E, are not useful or necessary for the efficient operation of the water system and may be considered surplus properties for purposes of the TMWA disposal policy. This certification is made for the purpose of facilitating a transfer of the subject properties in accordance with the foregoing policy to the successful bidders.

EXHIBIT A - APN: 016-490-27 (14746 Pine Knolls Lane)	.29 acres
EXHIBIT B - APN: 016-490-32 (14746 Pine Knolls Lane)	.19 acres
EXHIBIT C - APN: 016-490-50 (14785 Pine Knolls Lane)	1.786 acres
EXHIBIT D - APN: 038-730-37 (0 Cliff View Drive)	2.651 acres
EXHIBIT E - APN: 140-051-23 (9675 Western Skies Drive)	3.509 acres

Dated: October 19, 2022

By:   
John R. Zimmerman, General Manager



## STAFF REPORT

**TO:** Board of Directors  
**THRU:** John R. Zimmerman  
**FROM:** Stefanie Morris, Director Legal and Regulatory Affairs  
Kara Steeland, Hydrologist  
**DATE:** November 28, 2022  
**SUBJECT:** **Update regarding a Memorandum of Understanding for the Middle Truckee River Watershed Forest Partnership**

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### **Recommendation**

No action needed.

### **Summary**

In October 2022, TMWA signed a Memorandum of Understanding (MOU) with the Tahoe National Forest, The Nature Conservancy, Truckee River Watershed Council, and National Forest Foundation. This MOU enters TMWA into a formal partnership to improve forest health to help protect the region from wildfire impacts in the Middle Truckee River Watershed.

The principal goals of the partnership are to: (1) develop a 10 Year Vegetation Management Strategy; (2) improve and restore forest health and resilience; (3) reduce the risk of high severity wildfire; (4) protect communities from wildfire impacts; (5) protect and secure water supplies and infrastructure; and (6) identify and augment resources gaps to achieve implementation at an increased pace and scale. While this MOU does not obligate any Party to commit funds or take any specific actions, the Parties intend to address planning, funding, resource sharing, and other commitments to advance the above stated goals.

The MOU is provided as Attachment A.

### **Attachments**

Attachment A: Middle Truckee River Watershed Forest Partnership Memorandum of Understanding – Executed Copy



**MEMORANDUM OF UNDERSTANDING**  
**by and among**  
**THE NATURE CONSERVANCY, TRUCKEE RIVER WATERSHED COUNCIL,**  
**NATIONAL FOREST FOUNDATION, and TRUCKEE MEADOWS WATER AUTHORITY**  
**and**  
**THE USDA, FOREST**  
**SERVICE TAHOE**  
**NATIONAL FOREST**  
**Regarding the**  
**MIDDLE TRUCKEE RIVER WATERSHED FOREST PARTNERSHIP**

This MEMORANDUM OF UNDERSTANDING (“MOU”) is hereby made and entered by and between The Nature Conservancy (“TNC”), National Forest Foundation (“NFF”), Truckee River Watershed Council (“Watershed Council”), Truckee Meadows Water Authority (“TMWA”) and the United States Department of Agriculture (“USDA”), Forest Service, Tahoe National Forest (“U.S. Forest Service”), hereinafter referred to as a “Party” or “the Parties.”

The Middle Truckee River watershed is located in California's northern Sierra Nevada and includes approximately 315,000 acres of land or 492 square miles, of which 260,825 acres of land is managed by the U.S. Forest Service, Tahoe National Forest. The watershed includes significant forest habitat, is an important source of water to downstream users, supports high biodiversity, includes numerous communities, and offers excellent opportunities for recreation and human enjoyment.

The Middle Truckee River watershed – the area draining into the Middle Truckee River – includes the 35-mile stretch of river that runs northeast from Tahoe City to the California/Nevada state line. The past 100 plus years of fire suppression in the Sierra Nevada have resulted in increased stand density, less fire frequency, and greater fire severity. These conditions have caused significant impacts to our natural resources including forests, meadows, and streams, and have changed the composition and structure of these important ecological systems. Current conditions indicate that the forest and habitats in the Middle Truckee River watershed are likely not resilient to a variety of disturbances. These conditions greatly increase the likelihood of destructive wildfire causing significant damage to human communities and watershed health. In addition, many homes and communities have been built within and near the forests, making it challenging in some locations to protect lives and property from high-severity wildfire and to allow the use of prescribed fire or managed wildfire as a management tool. More intensive restoration efforts are needed across the broader landscape and the completion of a comprehensive forest health assessment provides the opportunity to coordinate ecological restoration planning efforts and actions across public and private land ownership. Recognizing that community safety, watershed resiliency, and forest health are complementary and interrelated, the Forest Service and other public and private stakeholders are acting together to reduce wildfire risk and protect communities and water supply, but the pace and scale of such activities need to be significantly



increased given the geographic scope and severity of the problem.

In consideration of the foregoing recitals and their respective agreements set forth below, the Parties agree as follows:

## **I. PURPOSE**

The purpose of this MOU is to document the commitment of the Parties to collaborate, communicate and work together to promote healthier, more resilient forests on the Sierraville and Truckee districts of the Tahoe National Forest within the Middle Truckee River watershed. Specifically, the Parties are interested in identifying necessary forest restoration and fuels reduction projects on Forest Service lands within and surrounding the Middle Truckee River watershed, and to coordinate with private landowners and stakeholders to promote collaboration and efficiencies. The principal goals of the Parties are to: (1) develop a 10 Year Vegetation Management Strategy; (2) improve and restore forest health and resilience; (3) reduce the risk of high severity wildfire; (4) protect communities from wildfire impacts; (5) protect and secure water supplies and infrastructure; and (6) identify and augment resources gaps to achieve implementation at an increased pace and scale. While this MOU does not obligate any Party to commit funds or take any specific actions, the Parties intend to address planning, funding, resource sharing, and other commitments to advance the above stated goals.

## **II. STATEMENT OF MUTUAL BENEFIT AND INTERESTS**

The mission of the U.S. Forest Service is to sustain the health, diversity, and productivity of the nation's forest and grasslands to meet the needs of present and future generations. This mission includes all aspects of forest management to include watershed health and community safety for the economic and social benefit of the American people.

The Nature Conservancy (TNC) is a private, non-profit corporation incorporated in the District of Columbia, with a Business Unit operating in Nevada. TNC's mission is to conserve the lands and waters on which all life depends and TNC is deeply involved in numerous collaborative forest restoration projects, fire learning projects and many other direct partnership efforts to expand conservation and restoration of National Forest System lands.

The National Forest Foundation (NFF), chartered by Congress, engages Americans in community-based and national programs that promote the health and public enjoyment of our 193-million-acre National Forest System. Through the efforts within its Tahoe Headwaters Treasured Landscape, the NFF supports projects that increase the pace and scale of forest restoration, promote sustainable recreation, restore functioning aquatic ecosystems, and link science and action with community.

The Truckee River Watershed Council (TRWC) is a private, non-profit corporation incorporated in California and formed to protect the Middle Truckee River watershed. Since its inception TRWC has restored several thousand acres of forest and meadows, involved the local community in hundreds of restoration and protection projects, and raised over \$40 million dollars for those efforts.

The Truckee Meadows Water Authority is a Nevada joint powers authority formed by the Cities of Reno and Sparks and Washoe County. TMWA is committed to the sustainable management of water resources throughout the Middle Truckee River watershed for reliable water supply, enabled through hydropower generation, support of the environment and quality of life for the communities TMWA serves. Healthy forests are critical to a healthy watershed. TMWA is increasingly concerned with the escalating threat of wildfires due to its impact on communities and on water supply and water quality, especially given climate change. TMWA is working collaboratively on several initiatives to reduce the risk of catastrophic wildfires and to make the Middle Truckee River watershed a sustainably and actively managed watershed.

### **III. AGREEMENT**

- A. The Parties will work together on the goals to promote ecologically-based, landscape-scale restoration and management of the forests within the Middle Truckee River watershed, focusing on lands owned and managed by the U.S. Forest Service and in coordination with private landowners. The principal goals of the Project are ((1) develop a 10 Year Vegetation Management Strategy; (2) improve and restore forest health and resilience; (3) reduce the risk of high severity wildfire; (4) protect communities from wildfire impacts; (5) protect and secure water supplies and infrastructure; and (6) identify and augment resources gaps to achieve implementation at an increased pace and scale.
- B. By "ecologically-based forest management," the Parties mean the approach generally described in General Technical Reports PSW-GTR-220 and 237 (North et al. 2009, 2012). Ecologically-based forest management seeks to reduce the risk of uncharacteristic, high-intensity wildfire while also protecting and restoring watershed health and native biodiversity and promoting forest conditions that are more resilient to drought, climate change, and other disturbances. This approach aims to increase forest stand heterogeneity on a site-specific basis, and considers the inherent topographic features of the landscape, emphasizing the key ecological role that low-to- moderate intensity, beneficial fire provides in many conifer forests of the Sierra Nevada. Ecologically-based forest management, together with shaded fuel breaks, defensible space, land use planning, and other measures, can help protect communities from the impacts of high-severity wildfire.
- C. The Parties will consider the best available science and other relevant information in developing and implementing a forest restoration plan for the Middle Truckee River watershed, including, but not limited to, recent research by McGarigal et al. (2018) on the historic range of variability within the watershed, forthcoming analyses from the Tahoe-Central Sierra Initiative, General Technical Reports PSW-GTR-220 and 237 (North et al. 2009, 2012), TNC's recent paper on ecological forestry (Kelsey 2019), and other research.
- D. The Parties are interested in exploring and developing innovative approaches to project planning and analysis that are more efficient and less expensive than typical planning efforts on Forest Service lands, without compromising environmental safeguards and opportunities for public engagement. This may include, but is not limited to, undertaking analysis and planning at a

landscape scale, developing programmatic documents that can be used to efficiently develop site-specific projects using tools like tiering and incorporation by reference, modifying existing requirements for conducting resource and cultural surveys, amending the existing land and resource management plan, and other measures.

- E. The Parties share an interest in promoting local economic opportunities and employment as a by-product of undertaking ecologically-based forest management at a landscape scale. This may include, but is not limited to, using shrubs and small trees for biomass energy, making wood products from small and medium-sized trees removed to reduce the risk of high-severity wildfire and to promote forest resilience, and other efforts that improve the local economy based upon forest and watershed restoration.
- F. The Parties will work together and coordinate to provide and secure sufficient funding, staffing, and other resources to develop, analyze and implement the Project. The Parties are interested in using new and innovative approaches, which may include, but are not limited to, hiring consultants to undertake aspects of project planning, using in-kind contributions from the Parties, drawing upon state and local funding and staff resources under the Good Neighbor Authority and other authorities, and utilizing innovative financial.
- G. The Parties will coordinate and cooperate on issues relating to outreach and communications, with the goal of engaging stakeholders with interest in the MOU's goals, sharing information, and publicizing the Parties efforts. The Parties agree to recognize this collaborative effort in external communications by appropriately acknowledging that multiple parties are working closely together to advance the MOU's goals, by including other parties in outreach efforts where feasible and appropriate, and by working collaboratively to align and coordinate message content and communications strategies.
- H. The Parties will work together in developing and implementing research and monitoring within the above-described geographic area. The Parties recognize that the scientific understanding of the value of ecological restoration and its long-term benefits to imperiled wildlife and unhealthy watersheds is developing, and that there are excellent opportunities to develop and apply science to improve forest and watershed management. The Parties also recognize that the uncertainties of a changing climate increase the importance of using adaptive management to change-course as needed.
- I. Nothing in this MOU shall be construed as changing or delegating the Forest Service's legal responsibilities with respect to managing national forests within the watershed and complying with applicable laws, policies, and regulations, including but not limited to the National Environmental Policy Act and the National Forest Management Act.

- J. The Parties may develop subsequent plans, including Master Participatory Agreements, Supplemental Project Agreements, and other documents to implement this MOU.

#### **IV. COORDINATION STRUCTURE**

- A. Each MOU signatory would have one seat on the Core Team and be responsible for making decisions to co-manage the landscape at the most appropriate scales. The Core Team would provide overall direction for the development and implementation of a 10 Year Vegetation Management Strategy, would form technical advisory groups as needed, and provide direction to the TAGs. Each signatory commits to bi-weekly meetings to develop a 10 Year Vegetation Management Strategy. Each signatory commits to staffing for at least one TAG. Each signatory commits to fund/or assist with seeking funds to implement the 10 Year Vegetation Management Strategy, including in-kind services. The Core Team is committed to substantially contributing to advance the goals of the MOU with staff time, financial resources, and other contributions, if agreed upon by the signatories to the MOU.
- B. The Parties shall also create Technical Advisory Groups (“TAGs”) as needed. The TAGs will provide technical assistance to the Core Team. The TAGs will receive direction from the CORE team, develop options, and make recommendations to the Core Team to assist in achieving the goals. Potential TAGs include Data/Mapping, Environmental Compliance, Implementation, Funding, and Communications. The Core Team may invite Stakeholders or others to participate in TAGs.
- C. The Middle Truckee River Forest Health Stakeholders (Stakeholders) will meet quarterly with the Core Team. The Core Team will share information with the Stakeholders and seek out collaborative opportunities (data and information sharing) where it would create efficiencies and advance the overall project goals. Stakeholders can serve as members of a TAG. The Stakeholders would not be required to commit any time or money to the project.
- D. All organizations on the Core Team shall endeavor to make substantive contributions to advancing the Project in the form of staffing, funding, or other in-kind contributions.
- E. The Tags shall report to the Core Team and shall be responsible for planning, coordinating, and directing the planning phase, from project inception through project approval, including where applicable and not limited to, hiring, and overseeing contractors. The Core Team working with the TAGs are responsible for the progress, quality, and content and shall be empowered to make real-time decisions to advance project planning.
- F. The Core Team will ensure robust stakeholder and public engagement through the Stakeholder groups quarterly meetings, in addition to any applicable public participation requirements established by the National Environmental Policy Act and other Forest Service direction.

**V. IT IS MUTUALLY UNDERSTOOD AND AGREED BY AND AMONG THE PARTIES THAT:**

- A. Principal Contacts. Individuals listed below are authorized to act in their respective areas for matters relating to this MOU.

Principal Contacts:

Program Contact		Administrative Contact	
Organization:	The Nature Conservancy		
Name:	Mickey Hazelwood	Name:	Carol Pinto
Address:	1 E. 1 <sup>st</sup> St., Suite 1007	Address:	1 E. 1 <sup>st</sup> St., Suite 1007
City, State, Zip:	Reno, NV 89501	City, State, Zip:	Reno, NV 89501
Telephone:	775-322-4990	Telephone:	775-322-4990
Email:	<a href="mailto:mhazelwood@tnc.org">mhazelwood@tnc.org</a>	Email:	cpinto@tnc.org

Program Contact		Administrative Contact	
Organization:	Truckee River Watershed Council		
Name:	Lisa Wallace	Name:	Ebain Swain
Address:	P.O. Box 8568	Address:	P.O. Box 8568
City, State, Zip:	Truckee, CA 96162	City, State, Zip:	Truckee, CA 96162
Telephone:	530-550-8760	Telephone:	530-550-8760
Email:	<a href="mailto:llwallace@truckeeriverwc.org">llwallace@truckeeriverwc.org</a>	Email:	<a href="mailto:eswain@truckeeriverwc.org">eswain@truckeeriverwc.org</a>

Program Contact		Administrative Contact	
Organization:	Truckee Meadows Water Authority		
Name:	Stefanie Morris	Name:	Kara Steeland
Address:	1355 Capital Blvd	Address:	1355 Capital Blvd
City, State, Zip:	Reno, NV 89502	City, State, Zip:	Reno, NV 89502
Telephone:	775-834-8126	Telephone:	775-834-8204
Email:	smorris@tmwa.com	Email:	ksteeland@tmwa.com

Program Contact		Administrative Contact	
Organization:	National Forest Foundation		
Name:	Matt Millar	Name:	Sheree Bombard
Address:	Bldg 27, Ste 3, Fort Missoula Rd	Address:	Bldg 27, Ste 3, Fort Missoula Rd
City, State, Zip:	Missoula, MT, 59804	City, State, Zip:	Missoula, MT, 59804
Telephone:	530-902-0213	Telephone:	406-542-2805
Email:	mmillar@nationalforests.org	Email:	sbombard@nationalforests.org

Principal U.S. Forest Service Contacts:

U.S. Forest Service Program Manager Contact		U.S. Forest Service Administrative Contact	
Name:	Eli Ilano	Name:	Jonathan Cook-Fisher
Address:	631 Coyote Street	Address:	10811 Stockrest Springs Rd.
City, State, Zip:	Nevada City, CA, 95959	City, State, Zip:	Truckee, CA 96161
Telephone:	530-478-6200	Telephone:	530-587-3558
FAX:		FAX:	530-587-6914
Email:	<a href="mailto:eli.ilano@usda.gov">eli.ilano@usda.gov</a>	Email:	<a href="mailto:jonathan.fisher@usda.gov">jonathan.fisher@usda.gov</a>

- B. Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Entities. This MOU is subject to the provisions contained in the Department of Interior, Environment, and Related Agencies Appropriations Act, 2012, P.L. No. 112-74, Division E, Section 433 and 434 regarding corporate felony convictions and corporate federal tax delinquencies. Accordingly, by entering into this MOU each Party acknowledges that it:
- (1) does not have a tax delinquency, meaning that it is not subject to any unpaid Federal tax liability



that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, and (2) has not been convicted (or had an officer or agent acting on its behalf convicted) of a felony criminal violation under any Federal law within 24 months preceding its signature of this MOU, unless a suspending and debarring official of the USDA has considered suspension or debarment is not necessary to protect the interests of the Government. If any given Party fails to comply with these provisions, the U.S. Forest Service will annul this MOU and may recover any funds which were provided by the U.S. Forest Service to that Party which that Party has expended in violation of Sections 433 and 434.

- C. Notices. Any communication affecting the operations covered by this MOU given by the U.S. Forest Service or any of the other Parties is sufficient only if in writing and delivered in person, mailed, or transmitted electronically by e-mail or fax, as follows: (1) To the U.S. Forest Service Program Manager, at the address specified in the MOU; (2) To the other Parties, at the address for their respective Principal Contacts as shown above in this MOU or, such replacement address as a given Party may hereafter notify the other Parties to use. Notices are effective when delivered in accordance with this provision, or on the effective date of the notice, whichever is later.
- D. Public Notices. It is the U.S. Forest Service's policy to inform the public as fully as possible of its programs and activities. The Parties are encouraged to give public notice of the receipt of this MOU and, from time to time, to announce progress and accomplishments. Press releases or other public notices should include a statement substantially as follows: "Tahoe National Forest of the U.S. Forest Service, Department of Agriculture, in cooperation with NAME." The Parties may call on the U.S. Forest Service's Office of Communication for advice regarding public notices. The Parties are requested to provide copies of notices or announcements to the U.S. Forest Service Program Manager and to The U.S. Forest Service's Office of Communications as far in advance of release as possible.
- E. Participation in Similar Activities. This MOU in no way restricts the U.S. Forest Service or any of the other Parties from participating in similar activities with other public or private agencies, organizations, and individuals.
- F. Endorsement. No contributions made by any of the other Parties under this MOU shall by direct reference or implication convey U.S. Forest Service endorsement of the Parties' products or activities.
- G. Nonbinding Agreement. This MOU creates no right, benefit, agency, partnership, joint venture or trust responsibility, substantive or procedural, enforceable by law or equity. The Parties shall manage their respective resources and activities in a separate, coordinated and (where appropriate) mutually beneficial manner to meet the purpose(s) of this MOU. Nothing

in this MOU authorizes any of the Parties to obligate or transfer anything of value. Specific, prospective Project activities that involve the transfer of funds, services, property, and/or anything of value to a Party requires the execution of separate agreements and are contingent upon numerous factors, including, as applicable, but not limited to: agency availability of appropriated funds and other resources; cooperator availability of funds and other resources; agency and cooperator administrative and legal requirements (including agency authorization by statute); etc. This MOU neither provides, nor meets these criteria. If the Parties elect to enter into an obligation agreement that involves the transfer of funds, services, property, and/or anything of value to a Party, then the applicable criteria must be met. Additionally, under a prospective agreement, each Party operates under its own laws, regulations, and/or policies, and any Forest Service obligation is subject to the availability of appropriated funds and other resources. The negotiation, execution, and administration of these prospective agreements must comply with all applicable law. Nothing in this MOU is intended to alter, limit, or expand the statutory and regulatory authority of any agencies involved.

- H. Use of Insignias and Logos. In order for any of the other Parties to use the U.S. Forest Service insignia on any published media, such as a Web page, printed publication, or audiovisual production, permission must be granted from the U.S. Forest Service's Office of Communications. A written request must be submitted, and approval granted in writing by the Office of Communications (Washington Office) prior to use of the insignia. For any Party to use the logo of any other party on any published media, such as a Web page, printed publication, or audiovisual production, written permission must be granted by the Party that owns the logo prior to use.
- I. Members of U.S. Congress. Pursuant to 41 U.S.C. 22, no U.S. member of, or U.S. delegate to, Congress shall be admitted to any share or part of this MOU, or benefits that may arise therefrom, either directly or indirectly.
- J. Freedom of Information Act (FOIA). Public access to MOU or agreement records must not be limited, except when such records must be kept confidential and would have been exempted from disclosure pursuant to Freedom of Information regulations (5 U.S.C. 552).
- K. Text Messaging While Driving. In accordance with Executive Order (EO) 13513, "Federal Leadership on Reducing Text Messaging While Driving," any and all text messaging by Federal employees is banned: a) while driving a Government owned vehicle (GOV) or driving a privately owned vehicle (POV) while on official Government business; or b) using any electronic equipment supplied by the Government when driving any vehicle at any time. All of the Parties, their employees, volunteers, and contractors are encouraged to adopt and enforce policies that ban text messaging when driving company owned, leased or rented vehicles, POVs or GOVs when driving while on official Government business or when performing any work for or on behalf of the Government.



- L. Public Notices. It is the U.S. Forest Service's policy to inform the public as fully as possible of its programs and activities. is/are encouraged to give public notice of the receipt of this agreement and, from time to time, to announce progress and accomplishments. Press releases or other public notices should include a statement substantially as follows: " of the U.S. Forest Service, Department of Agriculture, ." may call on the U.S. Forest Service's Office of Communication for advice regarding public notices. is/are requested to provide copies of notices or announcements to the U.S. Forest Service Program Manager and to The U.S. Forest Service's Office of Communications as far in advance of release as possible.
- M. U.S Forest Service Acknowledged in Publications, Audiovisuals, and Electronic Media. The Parties shall acknowledge U.S. Forest Service support in any publications, audiovisuals, and electronic media developed as a result of this MOU.
- N. Nondiscrimination Statement- Printed, Electronic, or Audiovisual Material The Parties shall include the following statement, in full, in any printed, audiovisual material, or electronic media for public distribution developed or printed with any Federal funding. In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability. (Not all prohibited bases apply to all programs.) To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer. If the material is too small to permit the full statement to be included, the material must, at minimum, include the following statement, in print size no smaller than the text: "This institution is an equal opportunity provider."
- O. Termination. Any of the Parties, in writing, may terminate this MOU in whole, or in part, at any time before the date of expiration.
- P. Debarment and Suspension. The other Parties shall immediately inform the U.S. Forest Service if they or any of their principals are presently excluded, debarred, or suspended from entering into covered transactions with the federal government according to the terms of 2 CFR Part 180. Additionally, should any of the other Parties or any of their principals receive a transmittal letter or other official Federal notice of debarment or suspension, then they shall notify the U.S. Forest Service without undue delay. This applies whether the exclusion, debarment, or suspension is voluntary or involuntary.
- Q. Modifications. Modifications within the scope of this MOU must be made by mutual consent of the Parties, by the issuance of a written modification signed and dated by all properly authorized, signatory officials, prior to any changes being performed. Requests for modification should be made, in writing, at least 30 days prior to implementation of the requested change.
- 0. Commencement/Expiration Date. This MOU is executed as of the date of the last signature and is effective through the fifth anniversary of such execution date, at which time it will expire unless extended in writing by the Parties.
- P. Authorized Representatives. By signature below, each Party certifies that the individuals listed in this document as the representatives of that Party are authorized to act in their respective areas for matters related to this MOU.

In witness whereof, the Parties hereto have executed this MOU as of the last date written below.

THE NATURE CONSERVANCY

TRUCKEE RIVER WATERSHED COUNCIL

Dated this \_\_\_ day of \_\_\_\_\_, 2022  
10/7/2022

Dated this \_\_\_ day of \_\_\_\_\_, 2022  
10/5/2022

By Mickey Hazelwood  
Mickey Hazelwood, Conservation  
Director The Nature Conservancy

By Lisa Wallace  
Lisa Wallace, Executive Director  
Truckee River Watershed Council

TRUCKEE MEADOWS WATER AUTHORITY

NATIONAL FOREST FOUNDATION

Dated this \_\_\_ day of \_\_\_\_\_, 2022  
10/18/2022

Dated this \_\_\_ day of \_\_\_\_\_, 2022  
10/18/2022

By Stefanie Morris  
Stefanie Morris, Director of Legal and  
Regulatory Affairs  
Truckee Meadows Water Authority

By Mary Mitsos  
Mary Mitsos, President & CEO  
National Forest Foundation

U.S. FOREST SERVICE

Dated this \_\_\_ day of \_\_\_\_\_, 2022

By Eli Ilano, Forest Supervisor  
U.S. Forest Service, TNF

The authority and format of this agreement have been reviewed and approved for signature.

GENEVIEVE VILLEMAIRE

Digitally signed by GENEVIEVE  
VILLEMAIRE  
Date: 2022.09.29 17:52:38 -07'00'

Genevieve Villemaire,  
U.S. Forest Service Grants Management Specialist



## STAFF REPORT

**TO:** Chairman and Board Members  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** Kara Steeland, Hydrologist  
Sonia Folsom, Executive Assistant  
**DATE:** November 29, 2022  
**SUBJECT:** **Presentation of Truckee River Fund Activities for Calendar Year 2022**

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### Summary

- Since the 2004 Fund inception, 202 Projects Approved by TMWA Board for Funding (By Resolution) -- Total Resolution Amount to Date: \$15.5 million
- Total Match from Grantees: \$25.7 million
- Funding available for the Spring 2023 request for proposals is approximately \$363,366.55
- Project Status and Tracking: *See attached TRF Project Spreadsheet – Attachment 1*

### Purpose

The purpose of this report is to provide the TMWA Board of Directors a summary of Truckee River Fund program (the Fund) activities from its 2004 inception, including a detailed summary of 2021 activities. This report will also be helpful to new Board members in getting familiar with the purpose and workings of the Truckee River Fund.

TMWA and the Board should be proud of this program and the outstanding contributions the Fund has made for the community, region, and the Truckee River watershed. Over the years, the Truckee River Fund Advisory Committee has developed a prudent and rigorous approach to the evaluation of proposals, to ensure that those recommended for approval by the TMWA Board have tangible and measurable outcomes and meet the objectives of the Fund. Through the able assistance of the Community Foundation of Western Nevada, all project proponents are required to account for funds dispersed and to provide reports on project status, success metrics and completion.

The Fund Advisory Board Committee represents the Cities of Reno and Sparks and Washoe County, where each entity appoints three representatives. The current members are:

Entity	Member	Appointed
City of Reno	Bill Bradley	2005
	Michael Cameron	2005
	<i><b>Vacant</b></i>	
City of Sparks	David Stanley	2022
	Mike Brisbin	2006
	Jim Smitherman (Vice Chair)	2021
Washoe County	Brian Bonnenfant (Chair)	2017
	Don Mahin	2016
	Terri Svetich	2020

### Program Background

As the Board may recall, the Fund was conceived and established in 2004 with the intent of supporting water quality and watershed protection projects that TMWA could not pursue on its own. Since inception, the program has evolved into an important component of TMWA's overall water quality protection program, funding projects which have directly and indirectly improved water quality within the watershed of the Truckee River.

Financially, the Fund provides significant financial leverage for watershed and source water protection projects that TMWA could not ordinarily implement or afford. To date, the Fund has collaborated with other non-profit groups and governmental agencies to support 202 projects, with a \$15.5 million contribution from the Fund (via TMWA) being matched by \$25.7 million from its partners.

On a macro basis, the Fund has supported important water quality and watershed improvement projects in the following areas:

- **Invasive Species:** The introduction and proliferation of invasive species, both land-based (terrestrial) and aquatic, is a major concern for TMWA. As such, TMWA has supported projects to mitigate terrestrial and aquatic invasive plants and has funded the development and implementation of watercraft inspection programs at Lake Tahoe and nearby reservoirs to prevent the introduction of aquatic invasive species, including the quagga and zebra mussel into the waters of Lake Tahoe and nearby reservoirs, and control efforts to remove Eurasian watermilfoil from the Truckee River.
- **Urbanization of the Local Watershed:** Development in the foothill areas has led to water quality concerns regarding local tributaries to the Truckee River via irrigation run-off and storm water discharges. Local tributaries upstream of TMWA's primary water treatment plants have been adversely impacted causing increased sediment, total dissolved solids (TDS) and turbidity loading. Because of this concern, the Fund has supported projects and programs that have helped to mitigate these problems.

- **Wildfires and Forest Thinning:** Wildfires are a concern for the Truckee River watershed and increase the likelihood of additional sediment and turbidity loading to the River. In response to the fires and watershed impacts, TMWA has provided grants towards recovery and rehabilitation efforts. TMWA, through the Fund, has supported forest thinning efforts designed to reduce the potential for forest fires that cause sediment run-off and impact the Truckee River, tributary creeks and water storage reservoirs.
- **Erosion due to Past Logging Operations:** Some areas of the bi-state Truckee River watershed have been impacted by past logging practices that neglected reforestation and erosion control. As a result, some of these areas have experienced erosion of old logging roads and incising of tributary creeks, which have impacted the River with increased sediment. TMWA, through the Fund, has supported projects designed and constructed to restore the watershed forest.
- **Impaired Sections of the Truckee River and its Tributaries:** In conformance with the requirements of the Clean Water Act, both the state of Nevada and state of California have developed water quality standards for the River taking into account an analysis of beneficial uses. As an outgrowth of these standards, both states have identified impaired sections of the River through establishment of 303d lists. TMWA, again through the Fund, has supported improvement projects targeting impaired sections of the River.

### 2022 Grants

In 2022 the Fund, with Board approval, provided grants to 9 projects or programs:

Project	Grantee	Description	Grant Amount	Monetary Match	In-Kind Match
258	Sierra Nevada Journeys	<b>Watershed Education Initiative (WEI) for the Urban Truckee River Corridor:</b> Deliver high-quality, experiential watershed education programs based on water quality issues and invasive species along the urban Truckee River corridor to empower youth to take action for the protection and enhancement of the water quality of the Truckee River. To meet schools' needs in case of closures, we have a distance learning program in place called Sierra Nevada Journeys Virtual Classrooms that will still significantly engage students, teachers and parents with watershed education. During the past 12 years, the WEI has impacted approximately 13,366 students and 625 educators. This has been made possible thanks to the generous support of the Truckee River Fund. WEI educates students about the local watershed, including human impacts on the watershed, water quality, and watershed protection. While in-class and field-based lessons reach students and educators, WEI's additional outreach components serve to engage families and community volunteers.	\$30,055	\$7,513	\$ —
259	Truckee River Watershed Council	<b>Donner Creek Confluence and Boca Restoration:</b> The projects share a common goal of reducing erosion and excess sedimentation to the Truckee River and improving water quality. The Truckee River has long been a focal point of development in the region, and historical urban-land uses were concentrated along the river. As a result, much of the historic floodplain and sections of channel were heavily altered or filled. Additionally, both sites experience heavy recreational use, including unauthorized vehicle access, which leads to soil erosion, reduced riparian regeneration, compacted soils, and unmitigated stormwater pollution to the Truckee River. Both projects will establish a balance of environmental restoration and sustainable public access.	\$55,700	\$13,925	\$ —

Project	Grantee	Description	Grant Amount	Monetary Match	In-Kind Match
261	Friends of Nevada Wilderness	<b>Mount Rose Noxious Weed Monitoring, Treatment, and Re-Seeding #10:</b> Staff will monitor known weed sites during April tracking spread of plants and efficacy of the previous year's treatment and reseedling. During May and June, staff will lead volunteers to noxious weeds sites and remove them with shovels and by hand. If plants have produced flowers, we will clip the seed heads and pack them out to be safely disposed of. In the fall, staff will lead volunteers to previously identified sites to disperse native seeds by hand. Some snacks, additional water, training, education, and all necessary tools and personal protective equipment will be provided by FNW.	\$23,250	\$5,000	\$5,760
262	Truckee Donner Land Trust	<b>Caltrout Truckee River Access Improvement and Bank Stabilization:</b> The project proposes to stabilize a steep eroding bank along the Truckee River with a series of small terraces comprised of logs and boulders, backfilled with native material generated from on-site. The site is easily accessed from a pullout along eastbound I-80 and the banks have been impacted by heavy recreation use. The terraces will not only stabilize a source of sediment to the Truckee River, but will also provide an access point for a variety of user groups (anglers, raft put-in/put-out, general recreation). Terraces will be comprised of logs and boulders to form a series of long steps down to the river. The side slopes will be graded between 2:1 and 3:1 and revegetated with willow pole plantings. The goals of this project are consistent with goals and objectives of previously-completed studies including: The Truckee River Flood Management project (Truckee River Flood Management Authority), Nevada County's Recreation Master Plan, and although located downstream of the Placer County reach of the Truckee, the Truckee River Corridor Access Plan.	\$26,500	\$58,000	\$1,500

Project	Grantee	Description	Grant Amount	Monetary Match	In-Kind Match
263	The Nature Conservancy	<b>Developing Forest Resilience to Fire – Independence Lake:</b> TNC received a \$2 million grant from Cal Fire, \$400,000 of which is for forest thinning this year at the Independence Lake Preserve. A grant from TRF will provide funding to assist with implementation of forest thinning, both along the outlet channel from the dam and along the north road along the lake. The Cal Fire funding will cover thinning of up to 205 acres in other units on the Preserve. Along both sides of the outflow channel of Independence Lake is an area of approximately 20 acres encompassing very dense stands of lodgepole pine. The trees along the channel are growing on spoils from the construction of the channel in the late 1930s. The density of lodgepole pines is concerning because if wildfire burns in these stands, the trees are likely to topple into the channels and create a severe debris blockage. Adjacent to this acreage, dead and dying pines and white fir may result in increased wildfire danger to the trees along the outflow channel. We will contract with a licensed timber operator to mechanically thin and/or hand-thin dead, diseased, and otherwise stressed pines. The harvested trees will be disposed of in earthen pits on the property within already established log landings. During winter when there is snow cover, we will either burn the woody material in the pits or fully bury the material. This method of disposal is being selected because local wood mills and biomass plants are at capacity for harvested materials from many sources.	\$100,450	\$54,666	\$ —
264	Truckee River Watershed Council (TWRC)	<b>Lower Hoke Meadow:</b> Hoke Meadow formerly supported wet meadow habitat but has converted to upland shrub habitat. Riparian and meadow vegetation are confined to the banks of an incised stream channel, down cut approximately 4 – 10 feet below the meadow surface. The existing stream channel through Lower Hoke has been clearly manipulated: it lies on a high spot on the meadow, and several berms and levees have been constructed, likely to confine the stream to the artificial channel. Road construction, pipeline construction, and a buried fiber optic cable have all complicated the current alignment. The Lower Hoke Meadow project was identified through the Boca Watershed Assessment (USDA, 2020), a comprehensive analysis of the Boca sub-basin.	\$206,000	\$118,000	\$ —



Project	Grantee	Description	Grant Amount	Monetary Match	In-Kind Match
264 (con't)	Truckee River Watershed Council (TRWC)	<b>State of Donner Lake:</b> Donner Lake is a critical resource in the Truckee River watershed, and the Truckee Meadows Water Authority (TMWA) is the primary water rights owner. Donner provides water supply for northern Nevada and is particularly important as drought supply. Yet Donner Lake is listed as impaired by the U.S. EPA. Potential pollutant sources include roads, highways, the railroad, commercial and residential development, increased visitation, recreation, and reservoir management. Aquatic invasive species threaten the ecology, economy, and recreation at Donner Lake. Altered precipitation, fire regime, and excessive soil erosion threaten ecosystem resilience. Donner Lake consistently ranks as a high priority for TRWC and our stakeholders (TRWC, Donner Basin Assessment, 2016).			
265	Keep Truckee Meadows Beautiful (KTMB)	<b>KTMB's 2023 Great Community Cleanup, Truckee River Cleanup, Adopt-A-River Program, &amp; Adult and Community Education Program:</b> KTMB supports a clean, invasive-weed-free community by educating residents and visitors about the importance of maintaining a healthy watershed and the efficacy of removing litter and invasive weeds to do so. Local park staff report to KTMB that weed removal is often the most challenging aspect of their job. With current staff shortages, the incorporation of weed removal projects prior to weed seeding in the spring is vital and aligns perfectly with the timing of KTMB's Great Community Cleanup. KTMB's Truckee River Cleanup and Adopt-A-River Cleanups educate and engage the community about the presence of weeds, litter, and nonpoint pollution runoff in our watershed and the underlying causes of these challenges. According to Keep America Beautiful, "About 85% of littering is the result of people's attitudes. Changing individual behaviors is the key to preventing litter — and environmental cues can make a difference." By engaging volunteers and community partners in this effort, and by having consistent outreach and messaging to support behavior change, KTMB is helping to better protect the invaluable water resources of the Truckee River.	\$81,460	\$98,794	\$124,720

Project	Grantee	Description	Grant Amount	Monetary Match	In-Kind Match
267	Sierra Nevada Journeys (SNJ)	<p><b>Watershed Education Initiative includes:</b></p> <ul style="list-style-type: none"> <li>The school-based component includes two in-class lessons (three) hours of in class instruction. Students participate in hands-on lessons that incorporate the Truckee River watershed, point and non-point source pollution, invasive species, sources and impacts of erosion, water conservation and stewardship.</li> <li>The field-based component includes approximately one day of outdoor science education as students hike along the Truckee River Watershed. Students seek clues related to the health of the watershed and determine water quality by collecting and identifying macro-invertebrates or conducting chemical tests such as pH, dissolved oxygen, or turbidity. Students use evidence to make a conclusion about the health of the Truckee River Watershed.</li> <li>SNJ provides five ready-to-use classroom extension lessons for teachers that help students prepare for and review learning objectives, as well as extend and reinforce each SNJ-directed lesson.</li> <li>To encourage family engagement, SNJ provides teachers with a template to email parents with a summary and pictures of their child's experience after each unit along with information for family-based discussion of the curriculum.</li> <li>The volunteer component of the program builds our capacity to involve the local community and broadens accessibility to our programming for low-income schools by helping to keep costs low.</li> </ul>	\$30,542	\$10,181	\$ —

Project	Grantee	Description	Grant Amount	Monetary Match	In-Kind Match
268	One Truckee River (OTR)	<p><b>One Truckee River Brodhead Park Restoration Project: Phase II:</b> OTR is proposing to commence Phase II of the Project, which directly complements the effort to develop a Framework Plan for the urban stretch of the Truckee River within the Reno-Sparks, Nevada, urban core. The OTR Vegetation Management Master Planning Steering Committee and the City of Reno selected Brodhead Park to be the Project site because the park is: 1) the first location where a “Portland Loo” was installed as part of the OTR River Restroom Project; 2) an area of focused human services outreach with unsheltered river-users, in partnership with the Washoe County and Karma Box Project (Karma Box) River Steward Program and Built for Zero by-name list; and 3) an area where Karma Box has been able to work with the unsheltered river-users to set expectations of behavior related to increasing the care of the park, Loo, and the Truckee River. Brodhead remains an area of focus for OTR, as the OTR Partnership works to complete its prioritized objectives. The City of Reno has been actively involved in Phase I of the Project, providing feedback on the design elements (during three in-person meetings) and offering its resources for implementation. The City is interested in continuing this process at Brodhead and then continuing Framework Plan implementation at other City of Reno Parks, making this Project the first of many implementation-level plans that complement the Framework Plan.</p>	\$79,791	\$20,000	\$2,571.74

Project #	Category	Proposal Date	Grantee	Grant Description	Funded	Resolution Amount	Match - Monetary	Match - In Kind	Match total
*Projects in Progress			* Projects not funded						
CATEGORY									
A. Projects that improve bank/channel stabilization & decrease erosion									
B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the TruckeeRiver where data supports evidence of pollution and/or sediments entering the Truckee River.									
C. Project that remove pollution from the Truckee River.									
D. Projects that remove or control invasive aquatic species or terrestrial invasive plant species that are adverse to water supply.									
E. Other projects that meet the evaluation criteria.									
195	E	Feb-18	Sierra Nevada Journeys	Watershed Education Initiative	148	\$46,376.00	\$12,707.00	\$15,385.00	\$28,092.00
196	D	Feb-18	Friends of Nevada Wilderness	Mount Rose Noxious Weed Monitoring & Treatment #6	149	\$23,500.00	\$6,761.00	\$8,400.00	\$15,161.00
197	C,E	Feb-18	Truckee Meadows Park Foundation	Doggie Ambassador Program	no				
198	D	Feb-18	Desert Research Institute	Determining the role of signal crayfish in the Truckee River foodweb	no				
199	A,B,C	Feb-18	Truckee Donner Land Trust	Cold Stream Meadow Road Decommissioning & Restoration Project	150	\$65,000.00	\$17,800.00	\$2,200.00	\$20,000.00
200	A,B,C	Feb-18	Truckee River Watershed Council	Truckee Meadows Restoration Project- Phase 2 Construction	151	\$30,000.00	\$47,750.00	-	\$47,750.00
201	A,B,C	Feb-18	National Forest Foundation	Perazzo Meadows Watershed Restoration & Erosion Control Project	152	\$148,000.00	-	\$51,526.55	\$51,526.55
202	E	Feb-18	Mountain Area Preservation Foundation	Trout Creek Pocket Park Stewardship & Service Learning Program	no				
203	A,C,E	Feb-18	Nevada Land Trust	One Truckee River: Watershed Management & Source Protection Plan & OTR Partnership Support	153	\$173,580.00	\$99,780.00	\$144,000.00	\$243,780.00
204	C,D	Aug-18	Keep Truckee Meadows Beautiful	2019 Spring Invasive Weed Pull & Fall Truckee River Cleanup	154	\$31,640.00	\$14,500.00	\$83,272.00	\$97,772.00
205	E	Aug-18	Sierra Nevada Journeys	Watershed Education Initiative	155	\$36,207.00	\$2,917.00	\$12,238.00	\$15,155.00
206	D,E	Aug-18	Truckee Meadows Parks Foundation	Truckee Meadows Nature Study Area Project: Planning Phase	156	\$38,400.00	\$74,968.00	-	\$74,968.00
207	C	Aug-18	City of Reno	2nd Truckee River Cleanup Crew	no				
208	E	Aug-18	The Nature Conservancy of Nevada	Truckee River Watershed Forest Restoration	157	\$57,826.00	\$57,152.28	-	\$57,152.28
209	A,B,C	Aug-18	Truckee River Watershed Council	Restoration Projects: Donner Creek & Dry Creek Meadow	158	\$92,000.00	\$192,000.00	-	\$192,000.00
210	C,E	Aug-18	Truckee River Watershed Council	Truckee River Water Quality Monitoring Program	159	\$25,000.00	-	\$32,675.00	\$32,675.00
211	C,D	Sep-18	Tahoe Resource Conservation District	Truckee River Watershed AIS Survey and Control, and Trash Removal	no				
212	B,C	Sep-18	Nevada Tahoe Conservation District	Burnt Cedar Beach Water Quality Improvement Project	no				
213	A,B,C	Sep-18	City of Reno	Chalk Creek Restoration Project, Sapphire Ridge and Royal Vista Way	no				
214	E	Feb-19	Sierra Nevada Journeys	Watershed Education Initiative	160	\$36,207.00	\$2,917.00	\$12,238.00	\$15,155.00
215	D, E	Feb-19	Truckee Meadows Parks Foundation	Truckee Meadows Nature Study Area: First Year Operational Phase	161	\$61,400.00	\$18,744.00	-	\$18,744.00

Project #	Category	Proposal Date	Grantee	Grant Description	Funded	Resolution Amount	Match - Monetary	Match - In Kind	Match total
<b>*Projects in Progress</b>			<b>* Projects not funded</b>						
<b>CATEGORY</b>									
A. Projects that improve bank/channel stabilization & decrease erosion									
B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the TruckeeRiver where data supports evidence of pollution and/or sediments entering the Truckee River.									
C. Project that remove pollution from the Truckee River.									
D. Projects that remove or control invasive aquatic species or terrestrial invasive plant species that are adverse to water supply.									
E. Other projects that meet the evaluation criteria.									
<b>216</b>	A, B, C	Feb-19	Truckee River Watershed Council	<b>Mclver Dairy Meadow Restoration Project</b>	162	\$161,000.00	\$119,300.00	-	\$119,300.00
<b>217</b>	C, D	Feb-19	Keep Truckee Meadows Beautiful	<b>2019 Fall Truckee River Cleanup, Adopt-A-River, and Adult Outreach &amp; Education</b>	163	\$53,000.00	\$103,800.00	\$57,407.00	\$161,207.00
<b>218</b>	E	Feb-19	Nation Judicial College	<b>Dividing the Waters Conference: "Sustainable Water Rights Management in Times of Shortage" at Stanford Law School</b>	no				
<b>219</b>	D	Feb-19	Friends of Nevada Wilderness	<b>Mount Rose Noxious Weed Monitoring and Treatment #7</b>	164	\$24,094.00	\$2,446.00	\$10,080.00	\$12,526.00
<b>220</b>	A, D	Feb-19	Washoe County Parks and Open Space	<b>Weed Treatment and Revegetation Project Along Truckee River</b>	165	\$45,000.00	\$16,200.00	\$1,600.00	\$17,800.00
<b>221</b>	C, E	Feb-19	Nevada Land Trust for One Truckee River	<b>River Restroom Project lead by One Truckee River</b>	166	\$124,976.00	\$31,224.00	-	\$31,224.00
<b>222</b>	A, C	Feb-19	Great Basin Institute	<b>Galena Creek Ecological Restoration &amp; Demonstration Project</b>	167	\$35,054.00	\$141,196.94	-	\$141,196.94
<b>223</b>	E	Aug-19	Sierra Nevada Journeys	<b>Watershed Education Initiative</b>	168	\$37,200.00	\$2,667.00	\$12,058.00	\$14,725.00
<b>224</b>	C, D	Aug-19	Keep Truckee Meadows Beautiful	<b>2020 Spring Great Community Cleanup, 2020 Fall Truckee River Cleanup, Adopt-A-River &amp; Adult Outreach and Educatio</b>	169	\$79,245.00	\$152,805.00	\$154,514.00	\$307,319.00
<b>225</b>	A, D	Aug-19	Truckee River Watershed Council	<b>Truckee River Invasive Species Control Project</b>	170	\$19,250.00	\$16,000.00	-	\$16,000.00
<b>226</b>	D, E	Aug-19	Truckee Meadows Parks Foundation	<b>Truckee Meadows Nature Study Area: First Year Operational</b>	171	\$101,526.00	\$35,000.00	-	\$35,000.00
<b>227</b>	E	Aug-19	The Nature Conservancy of Nevada	<b>Truckee River Watershed Forest Restoration and Community Outreach-Phase 2</b>	172	\$265,600.00	\$264,600.49	-	\$264,600.49
<b>228</b>	A, C	Aug-19	Great Basin Institute	<b>Galena Creek Ecological Restoration &amp; Demonstration Project, Phase II</b>	173	\$34,778.00	\$46,240.05	\$2,097.00	\$48,337.05
<b>229</b>	A	Feb-20	Tahoe Rim Trail Association	<b>Enhancing Water QualityAlong the Tahoe Rim Trail in Tahoe City</b>	no				
<b>230</b>	E	Feb-20	Sierra Nevada Journeys	<b>Watershed Education Initiative for the Urban Truckee River Corridor</b>	174	\$30,912.00	\$ 6,251.00	\$ 1,917.00	\$8,168.00
<b>231</b>	A,B,C	Feb-20	Truckee River Watershed Council	<b>Coldstream Canyon Sediment Reduction Project</b>	no				
<b>232</b>	E	Feb-20	Truckee Donner Land Trust	<b>Truckee Springs Open Space Trail Planning</b>	no				
<b>233</b>	E	Feb-20	Sierra Watershed Education Partnerships (SWEP)	<b>Water Quality and Watershed Education Projects</b>	no				
<b>234</b>	D	Feb-20	Friends of Nevada Wilderness	<b>Mount Rose Noxious Weed Monitoring, Treatment, and Re-Seeding #8</b>	175	\$ 28,549.00	\$ 4,000.00	\$ 10,080.00	\$14,080.00
<b>235</b>	A,C,E	Feb-20	Nevada Land Trust for One Truckee River	<b>One Truckee River Overall Support</b>	176	\$ 74,293.00	\$ 18,575.00	-	\$18,575.00

Project #	Category	Proposal Date	Grantee	Grant Description	Funded	Resolution Amount	Match - Monetary	Match - In Kind	Match total
<b>*Projects in Progress</b>			<b>* Projects not funded</b>						
<b>CATEGORY</b>									
A. Projects that improve bank/channel stabilization & decrease erosion									
B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the TruckeeRiver where data supports evidence of pollution and/or sediments entering the Truckee River.									
C. Project that remove pollution from the Truckee River.									
D. Projects that remove or control invasive aquatic species or terrestrial invasive plant species that are adverse to water supply.									
E. Other projects that meet the evaluation criteria.									
236	E	Aug-20	Sierra Nevada Journeys	Watershed Education Initiative for the Urban Truckee River Corridor	177	\$ 32,041.00	\$ 7,959.00	-	\$7,959.00
237	A,E	Aug-20	The Nature Conservancy	Developing Forest Resilience to Fire – Independence Lake	no				
238	C,E	Aug-20	Truckee Meadows Parks Foundation	Doggie Ambassador Program	no				
239	C,D	Aug-20	Keep Truckee Meadows Beautiful	2021 Spring Great Community Cleanup, 2021 Fall Truckee River Cleanup, Adopt-A-River & Adult Outreach and Education	178	\$74,245.00	\$144,805.00	\$154,514.00	\$299,319.00
240	A,D	Aug-20	Washoe County Regional Parks and Open Space	Truckee River Parks and Open Space Weed Management and Revegetation	179	\$45,000.00	\$8,000.00	\$7,000.00	\$15,000.00
241	A,B,C	Aug-20	Truckee River Watershed Council	Restoration: Coldstream Canyon and Bear Creek	180	\$86,500.00	\$34,125.00	-	\$34,125.00
242	E	Aug-20	Truckee Donner Land Trust	Truckee Springs	no				
243	C	Aug-20	Desert Research Institute	Occurrence, Fate and Risk of PFAS in the Truckee River	no				
244	C	Aug-20	Washoe County	Encampment Clean-up and Unsheltered Individual Data Collection	181	\$179,932.00	\$ 77,650.00	-	\$77,650.00
245	E	Feb-21	Sierra Nevada Journeys	Watershed Education Initiative (WEI) for the Urban Truckee River Corridor	182	\$31,035.00	\$ 7,765.00	-	\$7,765.00
246	A, B, C	Feb-21	Truckee River Watershed Council	Bear Creek Lower Meadow Restoration Project – Phase 2 Construction	183	\$51,250.00	\$ 12,812.50	\$ 1,357,606.00	\$1,370,418.50
247	A, B	Feb-21	Truckee River Foundation for One Truckee River	One Truckee River (OTR) Partnership, River-Friendly Landscape pilot, & engagement with the public	184	\$259,090.00	\$ 91,425.00	-	\$91,425.00
248	D	Feb-21	Friends of Nevada Wilderness	Mt. Rose Noxious Weed Monitoring, Treatment, & Re-Seeding #9	185	\$16,445.00	\$5,000.00	\$5,040.00	\$10,040.00
249	E	Feb-21	Great Basin Outdoor School	Lower Truckee Snapshot Day, Spring & Summer Day Camp WEI	186	\$15,925.00	\$ 15,003.20	-	\$15,003.20
250	C, E	Feb-21	Truckee Meadows Parks Foundation	Doggie Ambassador Project Awareness Campaign	no				
251	E	Aug-21	Sierra Nevada Journeys	Watershed Education Initiative (WEI) for the Urban Truckee River Corridor	187	\$30,055.00	\$ 7,513.00	-	\$7,513.00
252	C, E	Aug-21	Truckee Meadows Parks Foundation	Doggie Waste Awareness Campaign	188	\$60,775.00	\$ 14,950.00	\$ 26,500.00	\$41,450.00
253	B, C, E	Aug-21	One Truckee River (OTR)	OTR River-Friendly Landscaping Program Expansion	189	\$48,000.00	\$ 10,000.00	\$ 5,055.00	\$15,005.00
254	A, E	Aug-21	One Truckee River (OTR)	OTR Brodhead Park Restoration Project: Phase 1	190	\$69,724.00	\$17,431.00	\$7,710.00	\$25,141.00
255	C, D	Aug-21	Keep Truckee Meadows Beautiful (KTMB)	2022 Great Community Cleanup, Truckee River Cleanup, Adopt-A-River Program, & Adult & Community Education Program	191	\$82,880.00	\$ 136,353.00	\$ 144,766.00	\$281,119.00

Project #	Category	Proposal Date	Grantee	Grant Description	Funded	Resolution Amount	Match - Monetary	Match - In Kind	Match total
*Projects in Progress			* Projects not funded						
CATEGORY									
A. Projects that improve bank/channel stabilization & decrease erosion									
B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the TruckeeRiver where data supports evidence of pollution and/or sediments entering the Truckee River.									
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E. Other projects that meet the evaluation criteria.									
256	C	Aug-21	Washoe County	River Stewards Project	192	\$219,164.00	-	\$77,874.26	\$77,874.26
257	A, B, C	Aug-21	Truckee River Watershed Council	Prosser Basin Sediment Reduction Plan	193	\$44,000.00	-	\$11,400.00	\$11,400.00
258	E	Feb-22	Sierra Nevada Journeys	Watershed Education Initiative for the Urban Truckee River Corridor	194	\$30,055.00	\$7,513.00	-	\$7,513.00
259	A, B, C	Feb-22	Truckee River Watershed Council	Donner Creek Confluence and Boca Unit Restoration	195	\$55,700.00	\$13,925.00	-	\$13,925.00
260	A, C, E	Feb-22	National Forest Foundation	Carson District Forest Ambassador Project	Withdrawn				
261	D	Feb-22	Friends of Nevada Wilderness	Mount Rose Noxious Weed Monitoring, Treatment, and Re-Seeding #10	196	\$23,250.00	\$5,000.00	\$5,760.00	\$10,760.00
262	A	Feb-22	Truckee Donner Land Trust	Caltrout Truckee River Access Improvement and Bank Stabalization	197	\$26,500.00	\$58,000.00	\$1,500.00	\$59,500.00
263	A, E	Jul-22	The Nature Conservancy of Nevada	Developing Forest Resilience to Fire – Independence Lake	198	\$100,450.00	\$54,666.00	-	\$54,666.00
264	A, E	Aug-22	Truckee River Watershed Council	Lower Hoke Meadow and State of Donner Lake	199	\$206,000.00	\$118,000.00	-	\$118,000.00
265	C, D	Aug-22	Keep Truckee Meadows Beautiful	2023 Great Community Cleanup, Truckee River Cleanup, Adopt-A-River Program, & Adult and Community Education Program	200	\$81,460.00	\$98,794.00	\$124,720.00	\$223,514.00
266	A, D	Aug-22	Sierra Loma Homeowners Association	Peavine Ravine Cleanup and Restoration Project	Withdrawn				
267	E	Aug-22	Sierra Nevada Journeys	Watershed Education Initiative	201	\$30,542.00	\$10,181.00	-	\$10,181.00
268	A, E	Aug-22	One Truckee River	OTR Broadhead Park Restoration Project: Phase II	202	\$79,791.33	\$20,000.00	\$2,571.74	\$22,571.74
269	E	Aug-22	Truckee Meadows Parks Foundation	Rosewood Nature Study Area: Interpretive Signage Project	no				
				TOTAL FUNDING AMOUNT:		\$15,475,535.61			\$25,638,265.50





## STAFF REPORT

**TO:** Chairman and Board Members  
**FROM:** John R. Zimmerman, General Manager  
**FROM:** Sonia Folsom, SAC Liaison  
**DATE:** November 29, 2022  
**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, 2022, such appointments to be made for new terms from January 1, 2023 to December 31, 2024 from the following list of candidates: (1) Fred Arndt, primary representative, residential 2 customer; (2) Ken Becker, alternate representative, at-large 2 customer; (3) Robert Chambers, primary representative, senior citizen customer; (4) Jordan Hastings, primary representative, at-large 2 customer; (5) Karl Katt, alternate representative, irrigation customer; (6) Neil McGuire, primary representative, irrigation customer; (7) Ken McNeil, primary representative, at-large 1 customer; (8) Dale Sanderson, primary representative, residential 1 customer; and (9) Jerry Wager, primary representative, residential 3 customer

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### Recommendation

Staff recommends that current Standing Advisory Committee (SAC) members whose terms are set to expire on December 31, 2022, six primary and three alternates, be reappointed (with the recommended changes identified in the chart) for an additional two-year term beginning January 1, 2023. *(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, the 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. *(Please see the attached SAC History and Governing Rules)*

### Discussion

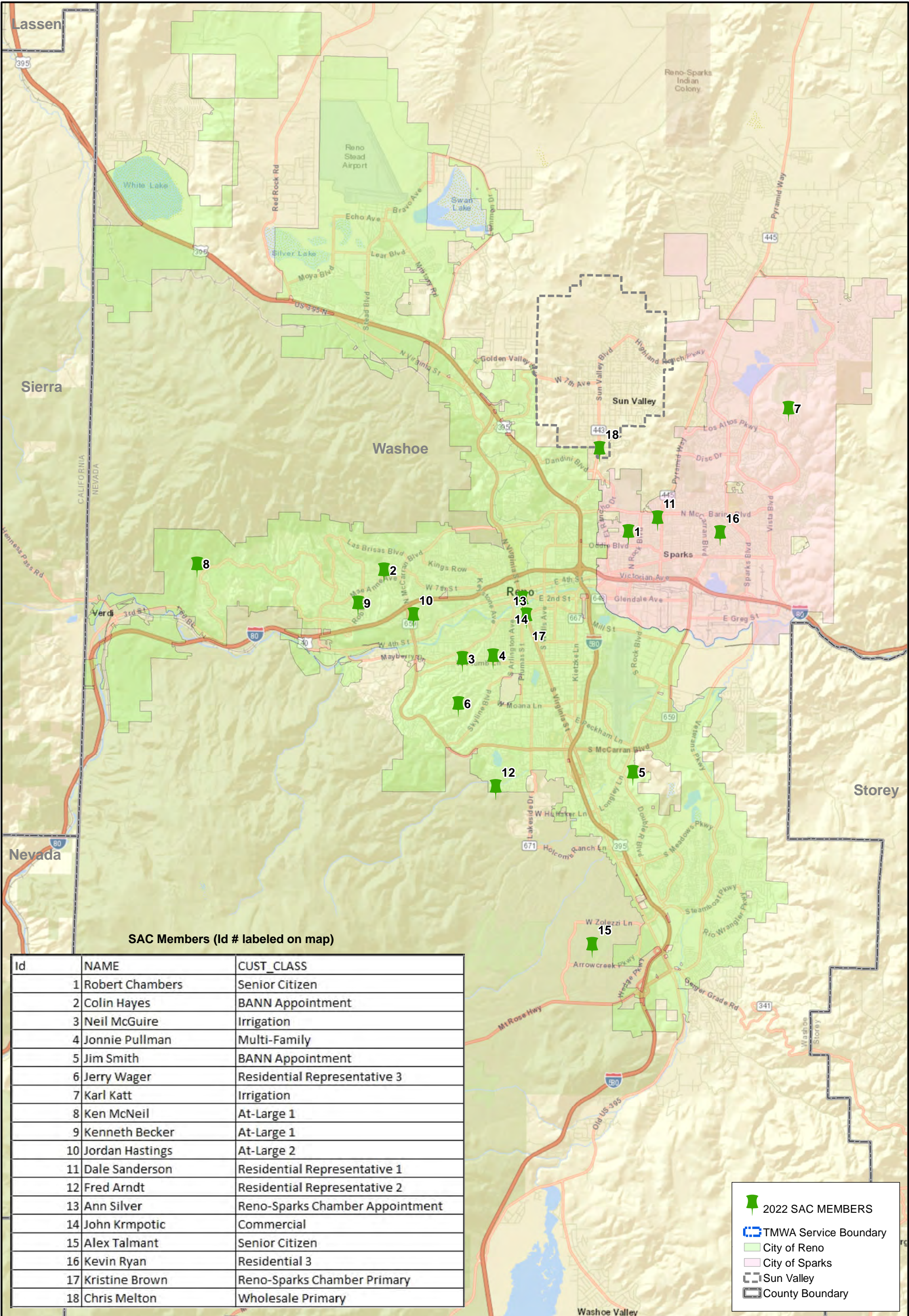
The attached chart reflects the proposed SAC members and their alternates (if any). SAC primary members and their alternates confirmed their willingness to be reappointed.



**TMWA Standing Advisory Committee**  
Term Appointments  
2023-24 Membership List

Customer Class	Primary Representative	Member Since	Term Ends	Alternate Representative	Member Since	Term Ends
Wholesale (Sun Valley)	Chris Melton	2020	12/31/2023	<i>Vacant</i>		
Irrigation	Neil McGuire	2005	12/31/2022	Karl Katt	2013	12/31/2022
Multi-family Residential	<i>Vacant</i>			Jonnie Pullman	2012	12/31/2023
Commercial	Donald Kowitz	2017	12/31/2022	John Krmpotic	2020	12/31/2023
Senior Citizen	Robert Chambers	2005	12/31/2022	Alex Talmant	2021	12/31/2023
At-Large 1	Ken McNeil	2013	12/31/2022	<i>Vacant</i>		
At-Large 2	Jordan Hastings	2017	12/31/2022	Ken Becker	2017	12/31/2022
Residential:						
Representative 1	Carol Litster	2014	12/31/2022	Dale Sanderson	2017	12/31/2022
Representative 2	Fred Arndt	2017	12/31/2022	<i>Vacant</i>		
Representative 3	Jerry Wager	2014	12/31/2022	Kevin Ryan	2021	12/31/2023
Appointments:						
BANN	Colin Hayes	2010	12/31/2023	Jim Smith	2010	12/31/2023
Reno-Sparks Chamber	Kristine Brown Caliger	2020	12/31/2023	Ann Silver	2019	12/31/2023
Member not continuing						
Members continuing						
Moving to Primary						
Continuing & Moving to Primary						
Continuing & Switching Alternate from At-Large 1 to At-Large 2						





Distribution of SAC Members & Applicants

DATE 11/10/2022  
MAP BY: JAK  
REQUESTED BY: SF  
SCALE: 1 in = 2 miles





**TRUCKEE MEADOWS WATER AUTHORITY  
STANDING ADVISORY COMMITTEE  
GOVERNING RULES**

1. **Members:** Membership in the Standing Advisory Committee (“Committee”) is governed by the Truckee Meadows Water Authority’s Board of Directors (“Board”). Each Member is appointed for a two-year term. Members serve and may be reappointed at the Board’s pleasure. As requested by the Board, the Committee shall take action to make recommendations to the Board regarding membership in the Committee.
2. **Alternates:** In its discretion, the Board may appoint a Member to serve in either a primary (“Primary”) or alternate (“Alternate”) position. When making a recommendation to the Board to fill a Primary position vacancy, the Committee shall give preference to the existing Alternate(s).
3. **Participation:** Each Member is expected to attend all Committee meetings and review the agenda and all supporting materials prior to arrival. Failure by a Member to attend more than two meetings in a year may result in the Committee making a recommendation to the Board that the Member be replaced.
4. **Compliance with NRS Chapter 241:** Meetings shall be conducted in compliance with NRS Chapter 241, the Nevada “Open Meeting Law.”
5. **Quorum:** A quorum shall consist of a simple majority of the Primary Members. Members may participate telephonically in meetings, but telephonic participation shall not be considered in establishing a quorum. In the absence of a Primary Member, the Alternate Member for that customer class who is physically present at the meeting may be considered in establishing a quorum.
6. **Action:** For items other than those that constitute recommendations to the Board, an action may be taken by affirmative vote of the majority of Members physically present. For items that constitute recommendations to the Board, an action shall be taken only by an affirmative vote of the majority of the Membership. Each member shall have one vote. Members participating telephonically may not vote on action items. An Alternate sitting in for an absent Member has all of the voting rights of the absent Member. Otherwise, an Alternate has no voting rights.
7. **Agenda Items:** The Committee may, by action at a prior meeting, make suggestions to staff as to items to be placed on a future agenda. Except as otherwise directed by the Board, Staff shall have discretion as to the items that will be placed on the Committee’s agendas.
8. **Officers:** There shall be a Chair and a Vice Chair, elected by the Members. The Chair will conduct the meetings. The Vice Chair or such other Member as the Chair or Vice Chair may designate will conduct the meeting in the absence of the Chair. Or, in the absence of the Chair and Vice Chair, a majority of the Members present may designate an Alternate to conduct the meeting. The Chair and Vice Chair each shall serve for a one-year term, with their terms expiring at the first meeting scheduled following the beginning of the calendar year following their election. The Vice Chair shall automatically succeed to the position of Chair for the subsequent term, unless an alternate action is made by the Members. Officers

may be reelected. The Chair or the Chair's designee is the only Member who may speak on behalf of the Committee to the Board, to any member of the Board, or to the public.

- 9. Conflicts of Interest:** Members shall disclose conflicts of interest regarding any decisions of the Committee and shall disclose any financial interest in Committee decisions and in organizations affected by Committee action, other than the financial interest that derives from being a TMWA customer. Members who will receive a direct financial benefit from any action taken by the Committee, other than a financial interest that derives from being a TMWA customer, shall abstain from voting on such action. In the event that a Member presents an idea to the Committee for consideration on behalf of another individual or entity, said Member shall disclose to the Committee the identity of said individual or entity.
- 10. Uses of staff:** Staff will provide reasonable assistance to facilitate meetings and provide readily available information to the Committee to carry out its functions. The Committee shall reasonably limit its demands on staff time, and any demands made in excess of what staff deems reasonable shall require Board approval. No Member may request the use of staff time without approval of the Committee.
- 11. Amendment of Rules:** Any amendments to these Rules shall require an affirmative vote of the majority of the members.

As amended, February 7, 2017



## **TMWA Standing Advisory Committee History**

### **Bullet Points for SAC history**

- 2004: The 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 this Committee 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; wholesale; and three (3) residential users all appointed by the TMWA (Truckee Meadows Water Authority) Board. The Builders Association of Northern Nevada, Reno-Sparks Chamber of Commerce and the Regional Water Planning Commission to appoint one (1) member each. 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: Successful consummation of the mergers of South Truckee Meadows General Improvement District and Washoe County Water Utility into TMWA.
- September 2016: The Board eliminated the Northern Nevada 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 and 2019.



## STAFF REPORT

**TO:** Chairman and Board Members  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** Sonia Folsom, Executive Assistant  
**DATE:** November 28, 2022  
**SUBJECT:** Discussion and action on scheduling regular board meeting dates and times for the Calendar Year 2023

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### 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 two months, noted in blue below, that indicate a conflict with scheduled Reno City Council meetings. Also, staff proposes the May Budget Hearing (noted in orange) be held on the third Thursday to avoid any conflicts with Reno City Council meetings and will be held at Washoe County Commission Chambers. Finally, staff proposes to move up the December Board meeting to avoid the holidays, noted in green.

From time to time the public has voiced concerns over the meeting times and mid-day schedule for public comment to be taken. In the past the Board has successfully addressed this concern on a one-off basis by moving meetings such as rate hearings to the evening. In addition, Board meetings have been cancelled in instances where there was not sufficient or timely business to be conducted. Staff has concluded that cancelling a scheduled meeting is preferable to scheduling meetings monthly around busy schedules; this approach has also worked well.

However, staff would still like to confirm the following dates and times with the Board and assess if there is interest in changing either prior to moving forward and finalizing a schedule of meetings for 2023. Based on your input, Staff will then issue the agreed-upon schedule.

**2023 Board Meeting Dates – Proposed**

Wednesday January 18	10 a.m.
Wednesday February 15	10 a.m.
Wednesday March 15	10 a.m.
Wednesday April 19	10 a.m.
<b>Thursday, May 18</b>	<b>10 a.m. NOTE: NRS-MANDATED BUDGET HEARING DATE</b>
Wednesday June 21	10 a.m.
<b>Thursday July 20</b>	<b>10 a.m.</b>
Wednesday August 16	10 a.m.
Wednesday September 20	10 a.m.
*Wednesday October 18	10 a.m. – 2:00 p.m. – STRATEGIC PLANNING WORKSHOP
<b>Thursday November 16</b>	<b>10 a.m.</b>
<b>Thursday, December 14</b>	<b>10 a.m.</b>

\*Due to the nature of the October 18 Strategic Planning Workshop, 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:** November 29, 2022  
**SUBJECT:** **General Manager's Report**

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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*).

Included in your agenda packet are press clippings from October 13, 2022 through November 30, 2022.





## STAFF REPORT

**TO:** Board of Directors  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** John Enloe, Director Natural Resources  
**BY:** Bill Hauck, Water Supply Supervisor  
**DATE:** November 30, 2022  
**SUBJECT:** **December 2022 Operations Report**

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### SUMMARY

- Lake Tahoe storage is at 0% of capacity, and is now 0.38' below its natural rim
- River flows are below average as there is no more Floriston Rate water in storage
- Flows will remain below normal until the region receives significant precipitation
- TMWA's upstream storage is still in particularly good shape as we head into the winter months, with almost 56,000 AF still in storage between Donner and Independence reservoirs, and water stored under the terms of TROA
- Combined, total upstream Truckee River reservoir storage is ~8% of capacity
- Customer demand averaged 38 MGD over the last week of November
- Estimated hydroelectric generation for November was 2,431 MWh with a projected revenue of \$182,658

#### **(A) Water Supply**

- **River Flows** - Truckee River discharge at the CA/NV state line was ~300 cubic feet per second (CFS) this morning. This is lower than normal for this time of the year, as the 113-year median flow for this day at Farad is 376 CFS.
- **Reservoir Storage** - Overall Truckee River reservoir storage is ~8% of capacity. The elevation of Lake Tahoe is 6222.62 feet (0.38' below the natural rim). Storage values for each reservoir as of November 30<sup>th</sup> are as follows:

<b>Reservoir</b>	<b>Current Storage (Acre-Feet)</b>	<b>% Capacity (Percent)</b>
Tahoe	-46,066	0%
Boca	3,961	10%
Stampede	98,245	43%
Prosser	8,108	27%
Donner	3,297	35%
Independence	15,128	86%

In addition to the 18,425 acre-feet of storage between Donner, Independence reservoirs, TMWA also has ~37,530 acre-feet of water stored in Stampede reservoir under the terms of TROA. TMWA's total combined upstream reservoir storage as of this writing is ~55,955 acre-feet.

- **Outlook** - Overall Truckee River reservoir storage is down to ~8% of capacity, as Lake Tahoe is now 0.38' below its natural rim. Water used to make the required rate of flow at the CA/NV state line was exhausted as of 11/2. TMWA augmented natural river flows at the state line with releases of our upstream storage to keep flows high enough to continue to generate power. On 12/1 however, river flows will drop back down to levels too low for power generation as TMWA curtails releases. The hydroelectric plants will remain off-line until river flows pick up from precipitation or snowmelt runoff. And while TMWA's upstream reserve storage is in great shape, we will be going into this winter with no carry over storage in the Truckee River system to provide Floriston Rate water. Our region will be dependent upon this upcoming winter for normal river flows in 2023. TMWA, with TROA in place, and its integrative approach to water resources management will continue to provide our customers with the same reliable, high quality, supply of drinking water that they have come to expect from us.

#### **(B) Water Production**

- **Demand** - TMWA's customer demand averaged thirty-eight (38) million gallons per day (MGD) over the last week of November. Overall, surface water made up ~96% of our supply and groundwater the other ~4%. Recharge is occurring at a rate of about 1 MGD right now. Additional recharge wells are scheduled to come on-line over the coming months.

**(C) Hydro Production**

**Generation** - The last day for normal river flows (Floriston Rates) was November 2<sup>nd</sup>. After that point in time, natural flow in the river was augmented with releases from TMWA's upstream reservoirs to keep the river flowing at a rate that hydropower generation could continue. Both the Fleish and Verdi plants were able to continue to generate for the entire month, and were 100% available. The Washoe power plant was taken off-line on November 3<sup>rd</sup> for emergency repair work. River flows at Farad (CA/NV state line) for the month of November averaged 303 CFS.

Statistics for the month are as follows:

<b>Plant</b>	<b>Generation Days</b>	<b>% Availability</b>	<b>Generation (Megawatt Hours)</b>	<b>Revenue (Dollars)</b>	<b>Revenue (Dollars/Day)</b>
Fleish	30	100%	1,373	\$103,552	\$ 3,452
Verdi	30	100%	1,020	\$ 76,235	\$ 2,541
Washoe	2	100%	38	\$ 2,871	\$ 1,436
<b>Totals</b>	<b>62</b>	<b>-</b>	<b>2,431</b>	<b>\$182,658</b>	<b>\$ 7,429</b>



## STAFF REPORT

**TO:** Chairman and Board Members  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** Stefanie Morris, Director, Legal and Regulatory Affairs  
**DATE:** November 22, 2022  
**SUBJECT:** Report Water Resources and Annexation Activity

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### **RULE 7**

Rule 7 water resource purchases and will-serve commitment sales against purchased water resources through this reporting period:

Beginning Balance		3,036.55 AF
Purchases of water rights	0.00 AF	
Refunds	0.00 AF	
Sales	-83.11AF	
Adjustments	0.00 AF	
Ending Balance		2,953.44 AF

Price per acre foot at report date: \$7,800

### **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		7,529.63 AF
Committed water rights	— 22.76 AF	
Ending Balance		7,506.87 AF

Price per acre foot at report date: \$45,753.75 (SFR and MFR); \$39,690 (for all other services)<sup>1</sup>

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<sup>1</sup> 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 no annexations into TMWA's service area.

**INTERRUPTIBLE LARGE VOLUME NON-POTABLE SERVICE**

No new ILVNPS customers have been added during this reporting period.



## **STAFF REPORT**

**TO:** Board of Directors  
**THRU:** John R. Zimmerman, General Manager  
**FROM:** Marci Westlake, Manager Customer Service  
**DATE:** December 8, 2022  
**SUBJECT: October Customer Service Report**

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The following is a summary of Customer Service activity for October 2022

### **Ombudsman**

- 10/14/22 call from a customer that had a neighbor dispute for water coming under the fence into their yard. Conservation went out and addressed the situation with the neighbor.

### **Communications- Public Outreach**

- Chuck Swegles and Lauren Kunin had four separate Winterize Your Irrigation System Workshops and a total of 31 people attended.
- Kara Steeland and Sonia Folsom held two separate Watershed and Conservation Seminars at Van Gorder ES and a total of 50 children attended.

### **Conservation (2022 Calendar year)**

- 1,438 Water Usage Reviews
- 7,574 Water Watcher Contacts

### **Customer Calls – October**

- 7,225 phone calls handled
- Average handling time 5 minutes 2 seconds per call.
- Average speed of answer :33 seconds per call.

**Billing – October**

- 135,293 bills issued.
- 42,600 customers (31%) have signed up for paperless billing to date.

**Remittance – October**

- 18,177 Mailed-in payments
- 23,907 Electronic payments
- 49,632 Payments via AutoPay (EFT)
- 15,182 One-time bank account payments
- 139 Store payments
- 440 Pay by Text
- 4,797 IVR Payments
- 674 Reno office Payments
- 43 Kiosk Payments

**Collections – October**

- 13,456 accounts received a late charge
- 4,297 Mailed delinquent notices, 0.03% of accounts
- 531 accounts eligible for disconnect
- 846 accounts were disconnected (including accounts that had been disconnected-for-non-payment that presented NSF checks for their reconnection)
- 0.18 % write-off to revenue

**Meter Statistics – Fiscal Year to Date**

- 2,854 Meter exchanges completed
- 739 New business meter sets completed
- 134,854 Meters currently installed