



TRUCKEE MEADOWS WATER AUTHORITY

Board of Directors

AGENDA

Wednesday, September 15, 2021 at 10:00 a.m.
Sparks Council Chambers, 745 4th Street, Sparks, NV

Board Members

Chair Vaughn Hartung
Member Neoma Jardon
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), Sparks City Hall (431 Prater Way, Sparks), 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) or by email sent to boardclerk@tmwa.com prior to the Board opening the public comment period during the meeting. In addition, public comments may be provided by leaving a voicemail at (775)834-0255 prior to 4:00 p.m. the day before the scheduled meeting. Voicemail messages received will be noted during the meeting and summarized for entry into the record. 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*

¹The 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.

3. Public comment — limited to no more than three minutes per speaker*
4. Possible Board comments or acknowledgements*
5. Approval of the agenda (**For Possible Action**)
6. Approval of the minutes of the August 18, 2021 meeting of the TMWA Board of Directors (**For Possible Action**)
7. Water Supply Update — Bill Hauck*
8. Discussion and action on Resolution No. 297: A Resolution to approve funding for the projects recommended by the Truckee River Fund Advisory Committee and an authorization for the Community Foundation to fund such projects from Fund proceeds — Sonia Folsom (**For Possible Action**)
9. Presentation of preliminary fiscal year 2021 unaudited financial performance — Matt Bowman*
10. Discussion and action regarding General Manager performance review for contract year 2020/2021 and discussion and action on possible performance lump sum award and/or other compensation adjustment — Jessica Atkinson and Mark Foree (**For Possible Action**)
11. Discussion and action on request for Board input and acceptance of General Manager performance objectives for contract year 2021/2022 — Mark Foree (**For Possible Action**)
12. General Manager's Report*
13. Public comment — limited to no more than three minutes per speaker*
14. Board comments and requests for future agenda items*
15. Adjournment (**For Possible Action**)

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TRUCKEE MEADOWS WATER AUTHORITY
DRAFT MINUTES OF THE AUGUST 18, 2021
MEETING OF THE BOARD OF DIRECTORS

The Board of Directors met on Wednesday August 18, 2021, Sparks Council Chambers. Chair Hartung called the meeting to order at 10:00 a.m.

1. ROLL CALL

Members Present: Paul Anderson, Jenny Brekhus, Kristopher Dahir, *Naomi Duerr, Vaughn Hartung, Alexis Hill, and Neoma Jardon.

**Member Duerr attended the Board meeting virtually and joined at 10:02 am and left at 11:39am.*

A quorum was present.

2. PLEDGE OF ALLEGIANCE

The pledge of allegiance was led by John Zimmerman, Assistant General Manager.

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 Member Hill, second by Member Jardon, which motion duly carried by unanimous consent of the members present, the Board approved the agenda.

6. APPROVAL OF THE MINUTES OF THE JUNE 16, 2021 MEETING

Upon motion by Member Dahir, second by Member Anderson, which motion duly carried by unanimous consent of the members present, the Board approved the June 16, 2021 minutes.

7. WATER SUPPLY UPDATE

Bill Hauck, TMWA Water Supply Administrator, informed the Board that: Truckee River flows will drop off by the weekend; the Federal Water Master will start to close the outlet gates at Boca Reservoir Thursday night since there is no more Floriston Rate water in storage; there is only about one foot of storage remaining in Lake Tahoe, which will continue to drain into the Truckee River; TMWA has operated normally (no upstream storage was used) for the last four years; this year's issue was not so much the snowpack (68% of average), rather it was the springtime runoff in Lake Tahoe was the worst ever in recorded history (11% of average); in order to keep TMWA's water treatment plants online to continue to meet customer demands, about 5,400 acre feet (AF) of upstream reserves will need to be released; fortunately there is a significant amount of drought reserves, about 52,000 AF of upstream storage; and Lake Tahoe is projected to go below the rim by November 1, which means there won't be any carry over storage in either Lake Tahoe or Boca Reservoirs going into the winter.

At this time Board Members addressed the models used to determine the water needed under TMWA's highest emissions scenario, whether they need to be reevaluated more frequently (the models are based on the best climate science available and will be reevaluated for the next water resource plan); whether the models considered projected population growth including 2015 hydrology (yes, the models included growth projections and resulted in no water shortage out to 2069, and 10 years of 2015 hydrology showed no shortages as well); when would the public be notified to take extra conservation measures (if Floriston Rates would drop off before June); and the modelling does not account for additional water resources (it was a conservative approach considering the water resources available today).

8. PRESENTATION OF TMWA'S COMMUNICATION REGARDING THE DROUGHT SITUATION IN THE REGION

Andy Gebhardt, TMWA Director of Operations & Water Quality, presented the staff report and introduced Cammy Elquist LoRe, GoodStanding Outreach, to provide an overview of the Smart About Water website and collaboration between TMWA and partner agencies in the region; and the performance metrics from public visits to the site which are increasing in numbers and length of stay on the website; especially the conservation page. Robert Charpentier, TMWA Communications Specialist, informed the Board that social media this summer has been relatively quiet with regards to the messaging TMWA is releasing on conservation, water supply and drought as well as the public's message in the area.

Member Anderson thanked staff on their communication to the public to calm their concerns about the drought situation and creating the smartaboutwater.com website.

Member Hill asked whether there was any reduction in water usage and the financial impact (there was no reduction due to it being one of the hottest summers on record) and inquired how well the conservation consultant program was going (the public responds favorably since they are viewed as advocates).

Member Jardon asked if there were different messaging or conservation measures for commercial properties and homeowners associations (HOA's). Mr. Gebhardt replied no, but Chuck Swegles, TMWA

Water Conservation Coordinator, works closely with the landscape companies informing them of any issues on the commercial or HOA properties they maintain.

Member Brekhus asked for staff's perspective about the article written by Mike Kazmierski, president of Economic Development Authority of Western Nevada (EDAWN). Mr. Foree replied Mr. Kazmierski reached out to him and Mr. Hauck; they reviewed, and edited, the article before it was published.

9. PRESENTATION OF TMWA'S CYBERSECURITY AT ITS FACILITIES

Sean Feeney, TMWA control systems engineering manager, presented on the TMWA's cybersecurity program. Mr. Feeney stated there have been a number of security incidents in the critical infrastructure sector which has raised concerns. TMWA has: had cyber defenses in place for a number of years and have a lot of different layers of protection making it difficult for cyber attackers to penetrate through the defense layers; two separate networks in place, IT network runs all corporate day-to-day business and operational technology network, which provides water to our customers; and follow the four P's to defend against attacks: Prepare (identify and manage security risks), Prevent (implement security controls to reduce security risks), Pinpoint (detect and understand cyber security events), and Protect (respond to, and recover, from cyber security incidents).

The Board thanked Mr. Feeney for a detailed overview and inquired if TMWA has a cyber wall that filters incoming digital information (yes, TMWA utilizes such a virtual barrier to filter information received) and if TMWA conducts penetration testing (yes, every two years tests are conducted, and the most recent test resulted in zero access).

10. PRESENTATION AND DISCUSSION REGARDING CONSIDERATION OF ADDING A RISK MANAGER POSITION, AND POSSIBLE DIRECTION TO STAFF

Jessica Atkinson, TMWA Human Resources Manager, presented the staff report and recommended to continue with TMWA's current risk management process.

Member Brekhus said she appreciated staff's research and analysis, and recommendation to continue with the established process.

No action taken.

11. PRESENTATION AND STATUS REPORT FOR GENERAL MANAGER'S FY2020-2021 SPECIFIC OBJECTIVES #10, "DEVELOP AND IMPLEMENT A STAFFING PLAN TO ADDRESS AND FILL VACANCIES CREATED BY SENIOR LEADERSHIP RETIREMENTS (GENERAL MANAGER, DIRECTOR ENGINEERING, AND DIRECTOR DISTRIBUTION) SCHEDULED TO OCCUR IN 2022"

Mr. Foree informed the Board there are three senior leadership positions, general manager, director of engineering, and director of distribution & hydro generation, that will become vacant in fall 2022 and stated TMWA has been preparing for their retirement for quite some time by restructuring the organization.

Ms. Atkinson presented the succession plan and steps taken thus far in preparation for the three positions becoming vacant in fall FY2023. Mr. Foree added we've been planning for this for a long time and have built a great succession plan, and have experienced and capable employees currently working at TMWA that can fill all of these positions.

Members of the Board thanked staff for ensuring a succession plan is established and appreciate taking steps to recruit and retain talented employees, promoting TMWA's culture. Discussion followed regarding having a probationary period for the new leadership (all positions with the exception of the General Manager are "at will" employees. The employment terms for the general manager are defined by the contract and any probationary period could be stipulated in the employment contract) and to meet any timelines necessary to consider the various recruitment strategies for filling the General Manager position would mean the Board should consider options during the December/January Board meeting.

12. DISCUSSION AND POSSIBLE DIRECTION FROM BOARD REGARDING THE EVALUATION PROCESS FOR CONDUCTING THE GENERAL MANAGER'S PERFORMANCE REVIEW

Ms. Atkinson presented the staff report and noted the survey has been updated to streamline the process.

Member Hill stated the Truckee Meadows Regional Planning Agency (TMRPA) reviewed the executive director's performance at their last meeting and thought one of the questions asked could be added to the general manager's evaluation; "review past and/or future performance objectives" question at the end for the Board to add their comments.

Member Jardon said that the comment fields are very important and encouraged the Board to add their input, which she considers very helpful.

Upon motion by Member Hill, second by Member Dahir, which motion duly carried by unanimous consent of the members present, the Board approved the evaluation process for conducting the General Manager's performance review with the addition of a "past and/or future performance objectives" question.

13. DISCUSSION AND POSSIBLE ACTION ON REQUEST FOR BOARD APPROVAL OF SETTLEMENT, THROUGH MEDIATION, WITH 3D DATA COM DBA 3D TECHNOLOGY SERVICES REGARDING WORK PERFORMED TO UPGRADE TMWA'S ELECTRONIC PHYSICAL ACCESS CONTROL SYSTEM AND AUTHORIZATION TO GENERAL MANAGER TO NEGOTIATE AND EXECUTE TERMS OF SETTLEMENT AGREEMENT

Laura Rader, TMWA Purchasing & Contracts Supervisor, presented the staff report.

Upon motion by Member Hill, second by Member Anderson, which motion duly carried by unanimous consent of the members present, the Board approved the settlement with 3D Data Com dba 3D Technology Services regarding work performed to upgrade TMWA's electronic physical access control system and authorized the General Manager to negotiate and execute terms of settlement agreement.

14. GENERAL MANAGER'S REPORT

Mr. Foree invited John Zimmerman, TMWA Assistant General Manager, to present regarding a few customers who have purchased interruptible large volume non-potable service (ILVNPS).

Mr. Zimmerman updated the Board on TMWA allocating 100 acre feet (AF) of ILVNPS to Somerset Golf Course for irrigation and 350 AF to NV Energy to supplement its water needs at their Tracy power plant for \$87,500 (\$250/AF). NV Energy has agreed to have discussions to consider allowing TMWA to purchase, lease or otherwise use a portion of their Truckee River water rights in future years and/or to provide future drought supply.

Member Brekhus asked if the water supplied to NV Energy was an out of basin water transfer, would like assurances that these agreements with NV Energy are not in conflict with the TMRPA Regional Plan, and to consider having more discussion about our efforts, and impact, in assisting them. Mr. Zimmerman replied no, these are existing Truckee River decreed water rights (and point of delivery is within TMWA's service area) and part of the agreement (which would return to the Board for consideration and approval) is to look at long-term drought supply.

Vice Chair Dahir asked staff to consider an alternate option for customers who are consistent with paying their bills and not to shut off their water service for a missed payment and if the messaging in the letter can be adjusted. Michele Sullivan, TMWA chief financial officer, replied we have experienced a lot of issues with their new customer information service system since its launch and have raised the dollar threshold for cutouts, so customers won't be shut off at a lower outstanding unpaid balance. However, the system is designed to send a letter at a certain point, notifying customers of late payment and 48-hour shutoff, that will require reprogramming to change it. Also, the primary reason for billing issues is that some of the auto-pay transfers became invalid when the new system went live, and we are working on fixing it this week, and no one in this circumstance will be shut off if they contact TMWA. Mr. Foree added payment arrangement can be made, if necessary, but customers need to inform us if they are experiencing any hardship as we are very understanding.

Member Jardon asked if the technology allows for changing the notification letter, especially for good longstanding customers; a gentle reminder to pay their bill. Ms. Sullivan agreed, and we can pull the notice that is on the bill and send it separately.

Mr. Foree introduced TMWA's new Water Resources Manager, Stefanie Morris. Ms. Morris provided an overview of her experience and work history prior to joining TMWA in July.

15. PUBLIC COMMENT

There was no public comment.

16. BOARD COMMENTS AND REQUESTS FOR FUTURE AGENDA ITEMS

Vice Chair Dahir announced there is a service for former City of Sparks Mayor Ron Smith scheduled for September 10th at 2:00 pm at the Sparks Marina.

Member Brekhus requested an update on the progress of the American Flat project at the October Board meeting.

17. ADJOURNMENT

With no further discussion, Chair Hartung adjourned the meeting at 12:06 p.m.

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

Sonia Folsom, Board Clerk.

****Member Duerr was present for agenda items 5 thru 12 only.***



Water Supply and Drought Operations Update

Board of Directors Meeting

September 15, 2021

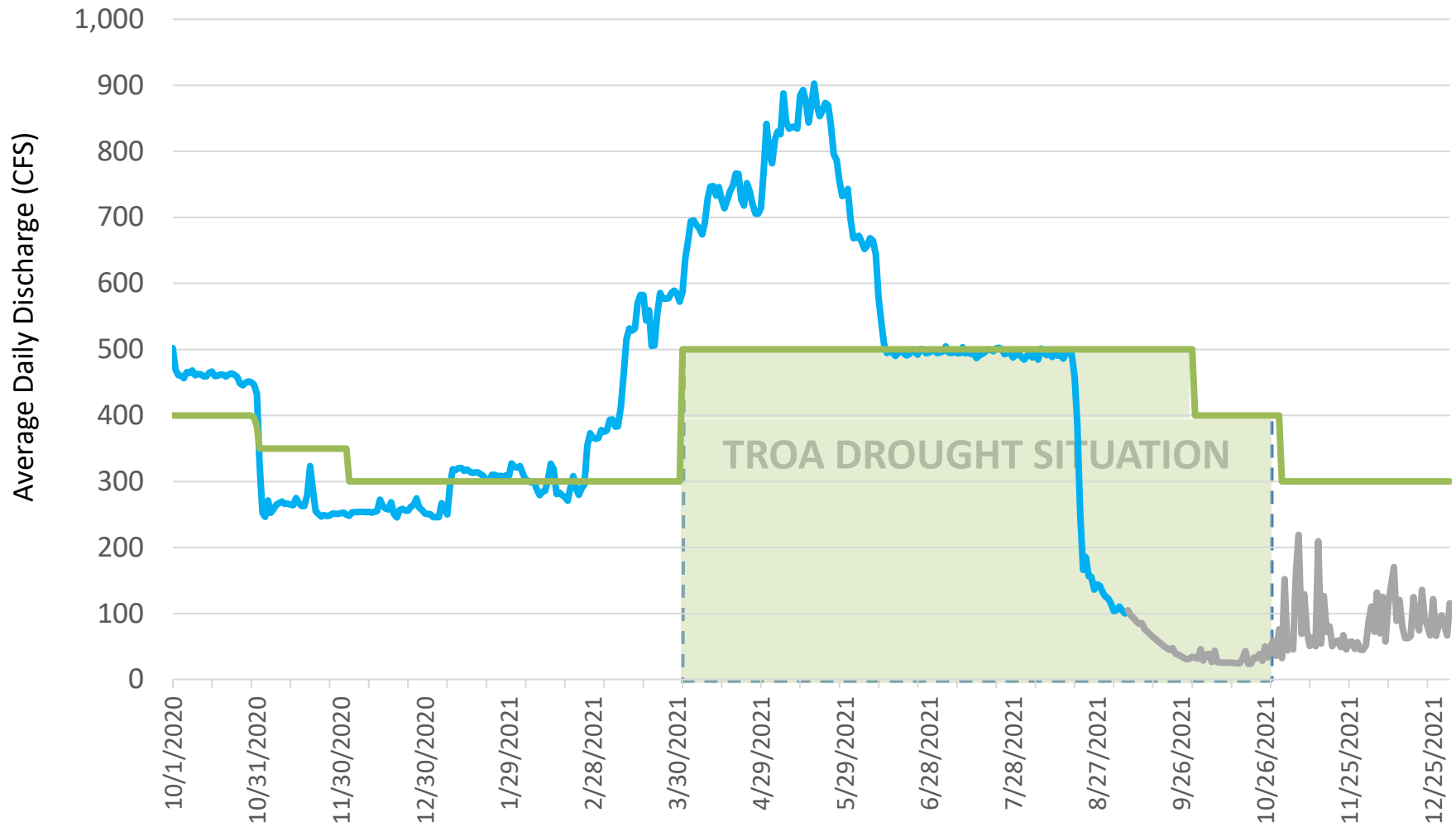


USGS Gage at Farad (CA/NV state line) #10346000

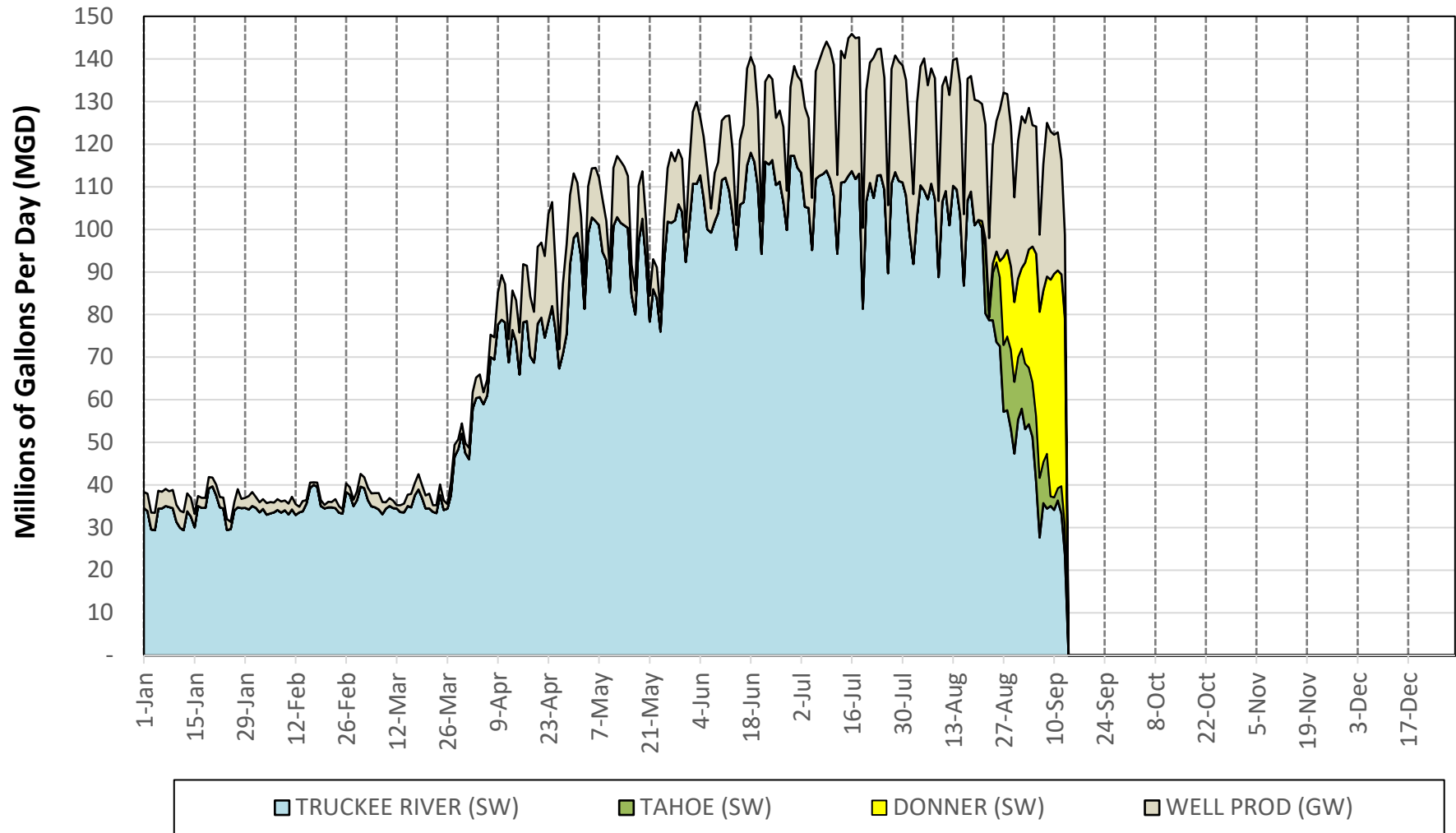




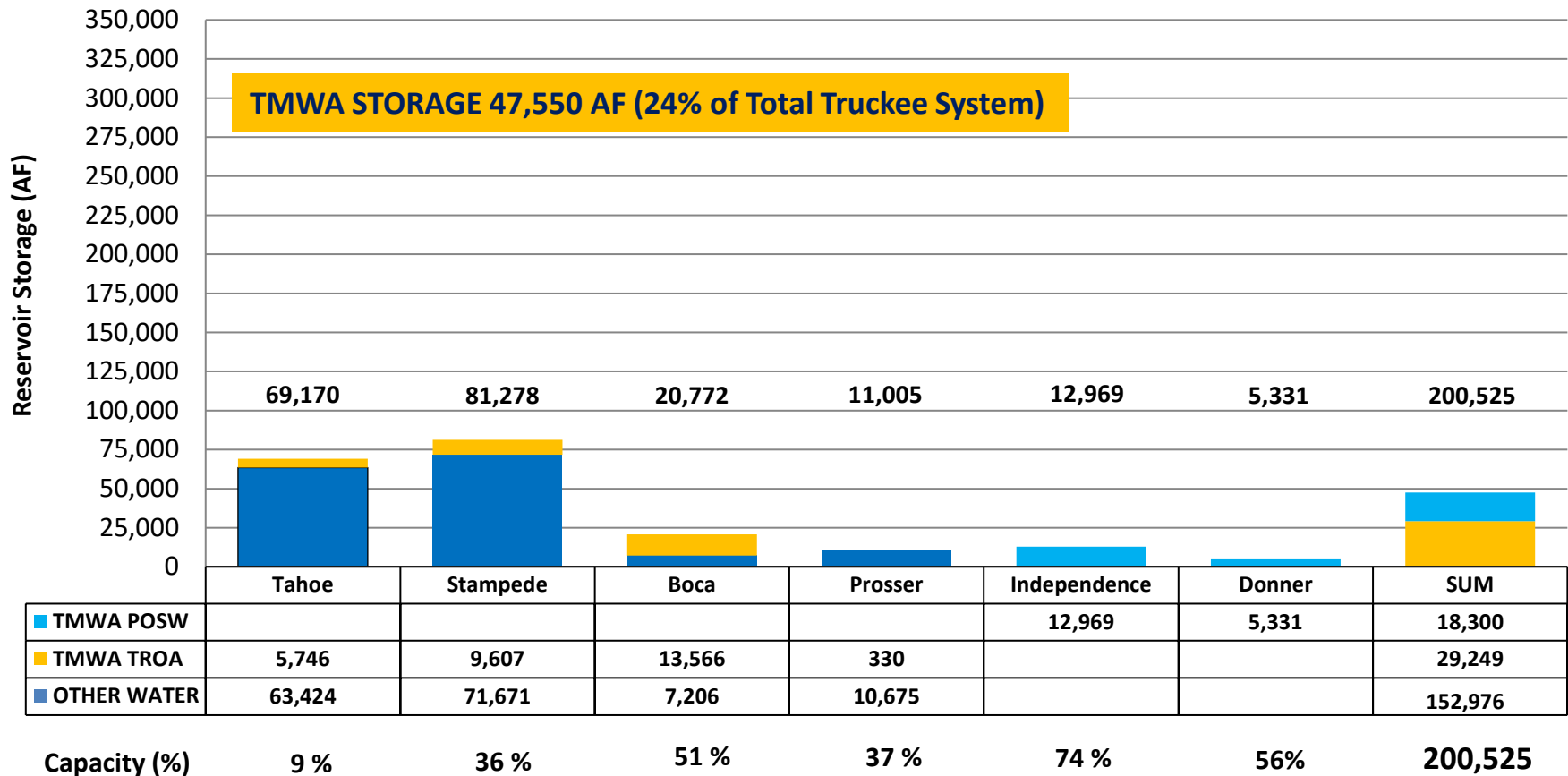
Actual and Projected Floriston Rate Water at Farad through 2021



2021 TMWA Projected and Actual Sources of Supply



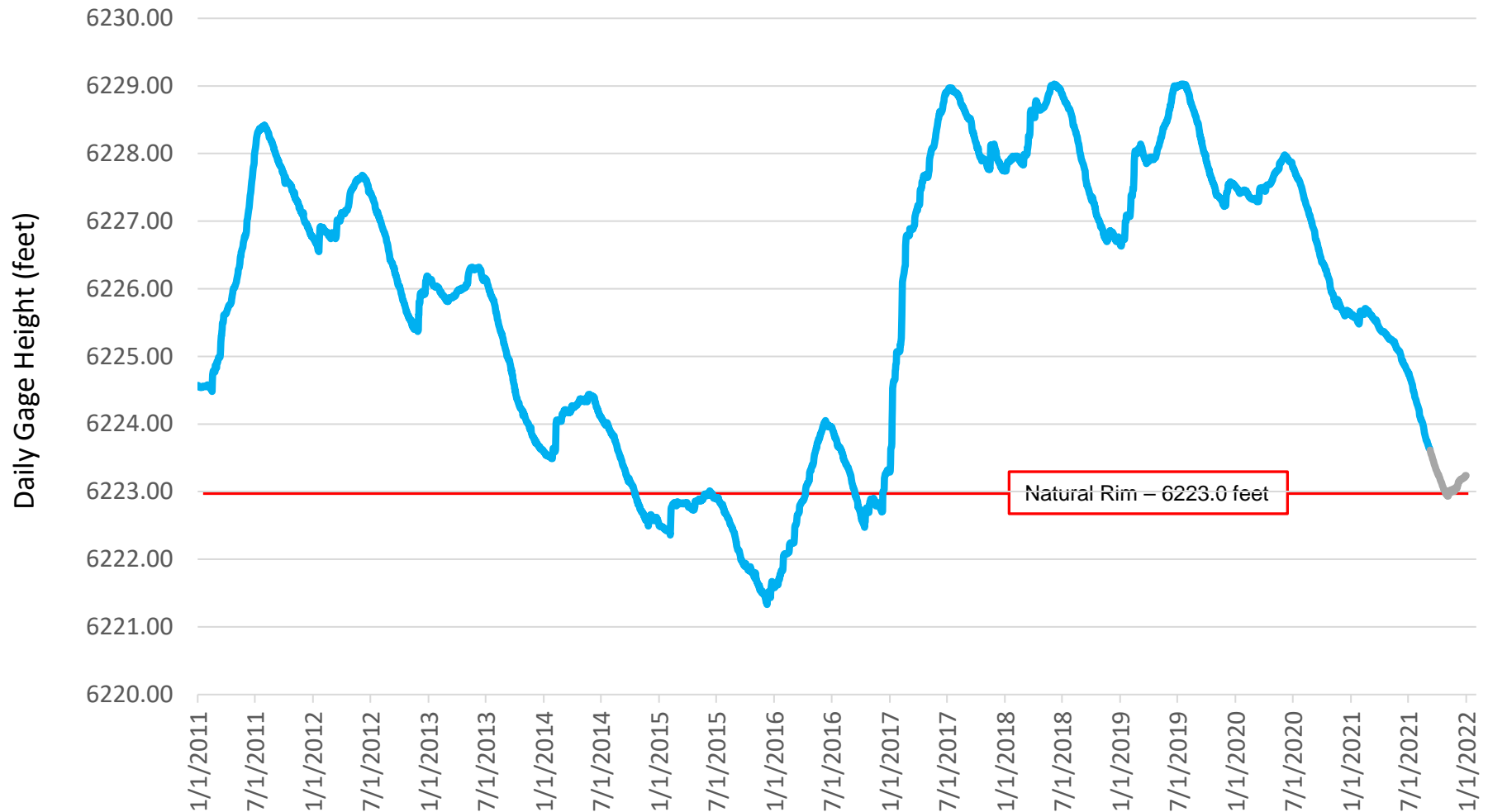
Truckee River System Storage (9/15/2021)



MAX SYSTEM CAPACITY 1,068,270 AF

CURRENT CAPACITY 200,525 AF (19% Capacity)

Actual and Projected Lake Tahoe Elevation through 2021









Thank you!

Questions?

Bill Hauck, Water Supply Supervisor
Email: bhauck@tmwa.com
O: (775) 834-8111 M: (775) 250-1333



STAFF REPORT

TO: Board of Directors
THRU: Mark Foree, General Manager
FROM: John Enloe, Director of Natural Resources & Planning
 Janet Phillips, Chairman, Truckee River Fund Advisory Committee
DATE: September 7, 2021
SUBJECT: Discussion and possible action on Resolution No. 297: A Resolution to approve funding for one or more of the projects recommended by the Truckee River Fund Advisory Committee and an authorization for the Community Foundation to fund such projects from Fund proceeds (Resolution may reflect action taken in one or more votes on recommended projects)

Recommendation

The Truckee River Fund (TRF) Advisors recommend that the TMWA Board authorize by resolution the funding of the following projects from the TRF. This recommendation stems from a Fund Advisors' meeting held on August 20, 2021 where seven grant proposals from the spring request for proposal (RFP) process were reviewed and discussed. Please refer to the table below to review amount of funding available, description of the RFPs submitted, and projects recommended for funding.

Description	Funding Requested	Funding Approved	TRF Budget
Available Funds			\$718,193.52
7 Requested Projects	\$554,598.00		
7 Projects for Approval		\$554,598.00	
Funds Remaining			\$163,595.52

RFPs Submitted for Consideration

Project #	Grantee	Description	Proposal Amount	Amount Recommended	Monetary Match	In-Kind Match	Match Total
251	Sierra Nevada Journeys	Watershed Education Initiative (WEI) for the Urban Truckee River Corridor	\$30,055.00	\$30,055.00	\$7,513.00	\$ -	\$7,513.00
252	Truckee Meadows Parks Foundation	Doggie Waste Awareness Campaign	\$60,775.00	\$60,775.00	\$14,950.00	\$26,500.00	\$41,450.00
253	One Truckee River (OTR)	OTR River-Friendly Landscaping Program Expansion	\$48,000.00	\$48,000.00	\$10,000.00	\$5,055.00	\$15,055.00
254	One Truckee River (OTR)	Brodhead Park Restoration Project: Phase 1	\$69,724.00	\$69,724.00	\$17,431.00	\$7,710.00	\$25,141.00
255	Keep Truckee Meadows Beautiful (KTMB)	2022 Great Community Cleanup, Truckee River Cleanup, Adopt-A-River Program, & Adult & Community Education Program	\$82,880.00	\$82,880.00	\$136,353.00	\$144,766.00	\$281,119.00
256	Washoe County	River Stewards Project	\$219,164.00	\$219,164.00	\$ -	\$77,874.26	\$77,874.26
257	Truckee River Watershed Council	Prosser Basin Sediment Reduction Plan	\$44,000.00	\$44,000.00	\$ -	\$11,400.00	\$11,400.00
Amount Totals:			\$554,598.00	\$554,598.00			\$459,552.26

PROJECTS RECOMMENDED FOR FUNDING

Project #251: Watershed Education Initiative for the Urban Truckee River Corridor

Project Description:

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, Sierra Nevada Journeys' (SNJ) Watershed Education Initiative (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.

A study from The Nature Conservancy reveals that students who have had a personal experience in nature are:

- Significantly more likely to express concern about water pollution, air pollution, climate change, and the condition of the environment;
- More than twice as likely to "strongly agree" that protecting the environment is "cool;"
- More than twice as likely to consider themselves a "strong environmentalist;" and
- Substantially more likely to express interest in studying the environment in college, working in a job related to nature, or joining an environmental club at their school.

Through WEI, SNJ provides local youth with opportunities to have an interactive experience outdoors, increasing their likelihood to cherish nature, engage with it and become stewards of their natural resources.

With this funding, SNJ will serve 750 students in 28 classrooms within 10 miles of the urban corridor of the Truckee River. Conducted over a four-week period, WEI includes two in-class lessons, one field-study experience, pre- and post-assessments, classroom extension lessons for teachers, and family and community engagement. Curriculum developed and delivered by SNJ's team of credentialed teachers aligns to state and national standards and the North American Association for Environmental Education's Guidelines for Excellence.

TMWA Benefit:

WEI is an education program that addresses water, water quality and watershed protection for K-8th grade students, directly aligning with grant priority VI: *Stewardship and Environmental Awareness*. Students gain first-hand experience determining water quality, explore human impacts on their water source, and obtain skills, knowledge and a field experience to connect them to their local river. The overall long-term program impacts include:

- Students understand important science concepts related to the Truckee River watershed and can articulate how their actions affect the Truckee River watershed and local ecosystems.
 - Teachers use extension lessons and implement more hands-on exploration of the watershed.
- Parents and community members engage in watershed education directly through WEI volunteer.

- Health of the Truckee River watershed and local ecosystems improves as students and their families adopt environmental stewardship practices that help reduce water pollution and human impacts.

Project #252: Dog Waste Awareness Campaign

Project Description:

The Parks Foundation is eager to develop and execute a professional level Dog Waste Awareness Campaign that educates and informs Truckee Meadows community members on stewardship actions that keep dog waste out of the Truckee River watershed. The campaign will be developed in-house with management from our Communications Director, and guidance from a Public Relations agency, to incorporate best practices on maximizing community engagement. The chosen PR agency will provide a social media brief with specifics on marketing tactics, advertisement opportunities, and sustainable online engagement. The Doggie Waste Awareness Campaign will be promoted with Facebook, Instagram, YouTube, local broadcasting, and through the Parks Foundation's already established newsletters and website. The goal of this awareness campaign is to grow the amount of park goers reached, by increasing impressions, views, and clicks over all of our various mediums of advertising. In addition, with a 26.12% Hispanic/Latino population in Reno/Sparks, it is imperative to incorporate information in Spanish language. By promoting a strong, cohesive message of stewardship to a wide audience, Truckee Meadows Parks Foundation will influence more members of the community to participate in conservation actions regarding dog waste, and keep dog waste off the ground and out of the Truckee River.

TMWA Benefit:

The Dog Waste Awareness Campaign advances TRF's grant priority *VI of Stewardship and Environmental Awareness*: Support to Clean-Up programs and the development and implementation of educational programs relative to water, water quality and watershed protection. For many, the connection between neglected dog waste and its negative impact on the Truckee River is unknown or not well understood. Through the campaign, public education will be provided about the harmful effects of dog waste on the Truckee River and watersheds. After partnering with a local Public Relations agency, videos will be strategically produced and marketed to generate the most impact in the Truckee Meadows community. The awareness campaign will lead to community stewardship, and encourage park and trail goers to use the resources provided through established Dog Waste Stations and to clean up their pet's waste. These actions, inspired by the Awareness Campaign, will reduce the amount of harmful fecal matter entering the watershed.

Project #253: One Truckee River (OTR) River-Friendly Landscaping Program Expansion

Project Description:

OTR launched the Program's pilot in 2020/21 with funding from the Western Regional Water Commission (WRWC). The Program's pilot goal was to engage Truckee homeowners to teach about landscape design and maintenance practices that protect water quality in the Truckee River Watershed. This Program was initiated because residential parcels are increasing across the Truckee Meadows, and they have great stormwater runoff reduction potential when assessed cumulatively.

Based on the great success of the Program's pilot, OTR is seeking to expand its efforts. To determine the Program's next steps, they solicited feedback from participants and local water quality professions. They conducted research and interviews with similar water quality and conservation education Programs in other western states. Therefore, they are proposing to expand the Program in three parts:

1. Marketing and branding research,
2. Expansion of the homeowner education Program, and
3. Development of a new branch of the Program focused on new construction.

TMWA Benefit:

Expansion of the Program meets TRF's Grant Priorities: *II Watershed Improvements, III Local Stormwater Improvements, and VI Stewardship and Environmental Awareness* because it provides water quality and watershed protection in adult education programming and is designed to mitigate residential stormwater runoff and NPS pollution. The Program encourages landscape design techniques and maintenance practices that reduce sediments, phosphorus, and nitrogen in direct support of efforts to meet the Truckee River's TMDL requirements. It encourages techniques to reduce stormwater runoff volumes, mitigating hydro-modification of channels and water temperature increase due to surface runoff across hot pavement.

Project #254: One Truckee River Brodhead Park Restoration Project: Phase 1

Project Description:

One Truckee River's (OTR's) proposed Brodhead Park Restoration Project: Phase 1 (the Project) will plan a restoration Project at Brodhead Park (park) that will address critical issues facing the Truckee River, including impaired water quality (total dissolved solids [TDS] and temperature), erosion, wildlife habitat needs, and hydrological resiliency. Goals and outcomes are aimed at addressing specific needs for the park and will also inform the overall OTR-coordinated Vegetation Management Master Planning effort underway that is funded by Bureau of Reclamation (BOR) and administrated by Nevada Land Trust (NLT). Lessons learned through the proposed Project will have far-reaching implications and benefits for future restoration projects along the mainstem of the Truckee River within Nevada (NV). The Project will further improve the physical environment at the park, supporting the OTR River Restroom Project and Washoe County/Karma Box Project River Stewards Program efforts underway at and nearby the park.

OTR is proposing to plan a pilot restoration Project at Brodhead Park, which directly complements the OTR Vegetation Management Master Planning effort that is aimed at developing a Framework Vegetation Management and Restoration Plan (Framework Plan) for the urban stretch of the Truckee River, within the Reno-Sparks urban core of NV. In conjunction with development of the Framework Plan, OTR's contractors (SWCA Environmental Consultants [SWCA] and Resource Concepts, Inc [RCI]) are developing support tools (regulatory matrix, web map tool, vegetation management strategies planning tool, etc.) to assist in development of implementation-level restoration plans. The proposed Project would be the first of many implementation-level plans and complement the master planning effort.

The restoration Project will be completed in three phases. OTR is only applying for grant funding through the Truckee River Fund for Phase 1 (Phases 1a and 1b) at this time. Details of Phases 1a and 1b are detailed in the sections below. (The cost for Phases 2 and 3 has not been calculated, as the scope of

those phases will depend on the outcomes of Phase 1. However, estimated ranges of costs for Phases 2 and 3 are provided below.) The three phases for this restoration Project are the following:

- Phase 1a will develop a 30% (conceptual) restoration plan, in coordination with OTR and City of Reno, with solicitation of agency input on design ideas and permitting needs and public input on river access.
- Phase 1b will include preliminary implementation planning efforts to help identify sources for labor and materials (from OTR's partners) to streamline implementation efforts and costs.
- Phase 2 will develop a finalized restoration plan at a sufficient level of engineering design to complete a finalized implementation cost estimate and for the Project to go to construction (Phase 3). Phase 2 will also include obtainment of final agency permits/approvals and finalizing sources for labor and materials (in coordination with OTR's partners). The estimated cost is \$42,000 to \$85,000; costs are dependent on the regulatory requirements and design needs identified during Phase 1.
- Phase 3 will cover the restoration implementation process, including site preparation, installation of channel stabilization/bioengineering materials, installation of plant materials, and labor for installation. The estimated cost is \$45,000 to \$100,000; costs are dependent upon design elements, final permitting requirements, materials/labor provided through the in-kind support, and the outcomes of Phases 1 and 2.

TMWA Benefit:

This proposed Project will address the following TRF grant priorities:

II. Watershed Improvements: The Project will create an implementable restoration plan that will address critical water quality issues along the urban stretch of the Truckee River in Nevada. The final restoration plan for the park will be directly implementable and address impaired water quality (TDS, temperature) within an impaired section of the Truckee River. Establishment of riparian vegetation and bank stabilization implemented in this Project will reduce erosion (and TDS). Increased river shading will address elevated water temperature and increase hydrological resiliency.

III. Local Stormwater Improvements: The Project will develop a restoration plan to establish riparian vegetation along the urban stretch of the Truckee River. The restoration plan for the park will identify vegetation species and bank stabilization measures that increase infiltration and capture stormwater runoff (and associated non-point source pollution) within the Project area, which will also inform future projects.

IV. Re-Forestation and Re-Vegetation Projects: The Project will develop and implement a restoration plan that establishes riparian trees and groundcover along the urban stretch of the Truckee River. The proposed restoration plan for the park will increase riparian forest health along the urban stretch of the river. Healthy riparian vegetation provides shade supporting increased resilience to wildfire, and wildlife habitat.

VI. Stewardship and Environmental Awareness: During all Project phases (including restoration implementation), OTR will engage with the local community to build stakeholders in the neighborhood to support the Project after implementation. Phase 1a will solicit input from the community on river access. Future implementation will engage the public through volunteer activities and outreach with local residents.

VII. Meet Multiple Objectives: This proposed Project addresses multiple goals and objectives from OTR Management Plan (OTRM Plan) and associated prioritized action items that align with TRF's

funding priorities. This Project addresses OTRM Plan Goal 1: Ensure and protect water quality and ecosystem health in the Truckee River; OTRM Plan Objective 1.4: Create a rich and diverse vegetative ecosystem; OTRM Plan Objective 1.4.b: Create an approved vegetative species list to increase biodiversity and shading on lands along the Truckee River; and OTRM Plan Objective 1.4.c: Develop and implement a coordinated vegetation management plan along the river corridor.

VIII. Leverage Stakeholder Assets and Participation: The proposed restoration plan complements the development of the Framework Vegetation Management and Restoration Plan and associated tools. OTR's vision for the Framework Plan (being implemented through the BOR WaterSMART grant Project) is to create a document that is a "cookbook" for planning implementable restoration plans. By developing this pilot restoration implementation plan and executing that plan, the Project team will be able to test out "recipes" to ensure the Framework Plan and tools are effective. This planning effort will capitalize on and grow existing partnerships. Through the OTR Framework Vegetation Management and Restoration Plan development effort, OTR has formed a vegetation management technical working group (TWG), which includes federal/local government, agency, non-profit, private industry, and local resident representatives. This group is working to identify opportunities to share resources and seek funding to plan and implement restoration projects along the urban stretch of the Truckee River. This proposed Project will leverage OTR's existing vegetation management planning efforts. As a pilot Project, this effort will allow troubleshooting of restoration planning and implementation challenges, so that land managers can more quickly, easily, and cost-effectively execute future projects along the urban stretch of the Truckee River. Completing this pilot Project in tandem with the Framework Plan development will ensure the Framework Plan is as impactful as possible and will serve as a catalyst for future restoration projects.

Project #255: KTMB's 2022 Great Community Cleanup, Truckee River Cleanup, Adopt-A-River Program, & Adult & Community Education Program

Project Description:

KTMB supports a clean, invasive-weed-free community by education 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.

TMWA Benefit:

If funding is awarded, KTMB will support the following TRF Grant Priorities:

V: Support Rehabilitation of Local Tributary Creeks & Drainage Courses – KTMB will support water quality improvement of local tributary creeks and drainage courses through the GCC, TRC and Adopt-A-River cleanup programs. These events will engage hundreds of volunteers to remove many tons of litter and green waste from many locations along the Truckee River Corridor and greater watershed.

VI: Stewardship and Environmental Awareness – This project will raise environmental awareness about water, water quality, and watershed protection by utilizing multi-media resources and

educational/community presentations to educate residents and visitors about the importance of maintaining a healthy river; how noxious weeds negatively affect native plant communities; and how litter and pollution are harmful to humans, wildlife, and the local environment and economy.

VII: Meet Multiple Objectives – This project meets multiple TRF objectives because it will remove pollution and invasive weeds from our water through cleanups and beautification projects, increase the community’s ecological literacy about water quality and conservation through messaging and education, and promote volunteerism to increase environmental stewardship.

VIII: Leverage Stakeholder Assets and Participation – KTMB will collaborate with numerous municipalities, businesses, community groups, and partners to complete the cleanup and education projects proposed. Project sites and activities along the river will be identified by KTMB and local experts and completed with planning and day-of support from partners to ensure effective programming. Together, KTMB and partners will create a cleaner community while saving taxpayer dollars.

Project #256: River Stewards Project

Project Description:

The goal of the project is to improve water quality by reducing the amount of pollution in the urban Truckee River corridor through outreach, education, data collection, river clean-ups, appropriately placed sharps disposal containers and maintenance/cleaning of Portland Loo(s). This project fills the unique niche of bridging the gap between environmental concerns and homelessness.

Similar efforts have taken place in California along the Russian River. The Russian River Clean River Alliance (CRA) noted that “by engaging homeless individuals to clean up their own camps and volunteer alongside the CRA, the amount of trash entering the Russian River has dramatically declined, leading to beach clean-ups at the mouth of the Russian River to be canceled – due to the lack of trash.” (source: <https://bit.ly/311AIHt>).

This goal will be achieved through the following five (5) strategies and respective measurable outcomes:

1. Maintain an outreach team to build/strengthen relationships with people experiencing homelessness. This outreach team will continue to collect client-level data and data on the provision of housing and services to homeless individuals within 0.75 miles of the urban Truckee River corridor in the Homeless Management Information System (HMIS).

- a. **Measurable Outcome:** Accurate and timely HMIS data reporting empowers our community to effectively track the number of unsheltered individuals at any given moment to better address homelessness.

2. Conduct river clean-ups five (5) days per week in the urban Truckee River corridor. Individuals experiencing homelessness will volunteer as River Stewards in teams of four (4), five (5) days per week. Each River Steward team will be led by a Karma Box Project Supervisor, who will be responsible for leading, motivating and coaching each River Steward Team to clean the river while also building life skills and strengthening relationships to help individuals resolve their homelessness. After volunteering for a four (4) hour volunteer shift, River Stewards will earn a gift card incentive.

- a. **Measurable Outcome:** Pollution will be removed directly from and around the urban Truckee River corridor. The quantity of trash bags collected, and River Steward volunteer hours will be recorded each day. River Steward transitions into stable housing will be tracked in HMIS.

3. **Weekly pick-up of sharps disposal container waste.** Usage will be monitored to ensure units are placed at highest potential utilization areas.

a. **Measurable Outcome:** Contents of each sharps disposal unit will be weighed when picked up weekly by contractor.

4. **Provide education.** Educational talks on safe disposal of sharps, harm reduction strategies and taking care of the river environment will be integrated into outreach efforts.

a. **Measurable Outcome:** The number of educational talks with individuals experiencing homelessness will be tracked daily through the project spreadsheet.

5. **Daily cleaning, locking/un-locking around Portland Loo(s).** From October 1, 2021-February 28, 2022 one (1) Portland Loo at Brodhead Park. From March 1, 2022-September 30, 2022, one (1) Portland Loo at Brodhead Park and one (1) Portland Loo at John Champion Park. These facilities are key to ensuring human waste is diverted from direct entry into the river.

a. **Measurable Outcome:** A daily log of cleaning and locking/unlocking will be recorded in the project spreadsheet.

TMWA Benefit:

The project advances the following Truckee River Fund priority: **VI Stewardship and Environmental Awareness: Support to Clean-Up programs and the implementation of educational programs relative to water, water quality and watershed protection.**

Controlling the flow of human created trash/waste is critical to protect the health of the Truckee River, especially in the urban Truckee River corridor. Trash generated by unsheltered individuals living along the Truckee has a large impact on the health of the region's water source. The River Stewards Program will work directly with unsheltered individuals to clean up areas along the urban Truckee River corridor. Additionally, this project will continue to add to the database of unsheltered individuals to better connect them to housing resources, with the goal continuing to reduce the number of people camping along the river. Lastly, this project will integrate education into our outreach efforts to teach unsheltered individuals about the importance of keeping the river clean and how to do so through use of the sharps disposal containers, utilizing the Portland Loo(s) and volunteering to be a River Steward.

Project #257: Prosser Basin Sediment Reduction Plan

Project Description:

The project is a planning project that seeks to reduce excess sedimentation in the Prosser Basin by addressing degradation caused by modern and historic road, trails, and associated sites. We are requesting funding to help complete the plan. The three major landowners have committed to cost sharing in the development of the plan and equally important, to implement the plan as part of their scheduled capital improvements through 2024.

TMWA Benefit:

Grant priorities. The project addresses:

II Watershed Improvements: If fully implemented, the project will decrease sedimentation by 20 tons per year to support attainment of the TMDL for Truckee River. Treatments/Actions on roads, trails, and

restoration sites will enhance watershed function such as infiltration, reduce erosion, and protect and restore streams, wetlands, and meadows.

III Local Stormwater Improvements: Prosser Basin receives stormwater inputs from a surprising large network of roads, trails, and residential development. The project's approach will use some engineered solutions as well as restoring natural function (infiltration, source reduction) for those stormwater inputs.

VII Meet Multiple Objectives: The project meets the watershed and water quality objectives listed above. It also benefits meadow, riparian, and in-stream habitat, native fish and wildlife species, and manages/directs transportation and recreation uses.

VIII Leverage Stakeholder Assets and Participation: The projects leverage significant partner/landowner participation and cost share from Tahoe Donner Association, Truckee Donner Land Trust, and USFS. They have actively participated in the Prosser Basin Assessment, agreed to the project prioritization, and will use the Sediment Reduction Plan in their planned work over the next three years. The Washoe Tribe of Nevada and California and are aware of the Prosser Basin Assessment and, due to staffing limitations, will review specific projects based on our request to them.



Grant Priorities

Based upon the aforementioned discussion, TMWA recommends that the Advisors give preference to well-prepared and thought out grant requests for projects and programs that mitigate substantial threats to water quality and the watershed, particularly those threats upstream or nearby treatment and hydroelectric plant intakes:

- I. **Aquatic Invasive Species (AIS):** Projects/Programs that support the prevention or control of aquatic invasive species in the main stream Truckee River, Lake Tahoe, other tributaries and water bodies in the Truckee River system.
- II. **Watershed Improvements:** Projects that reduce erosion or sediment, suspended solids, or TDS discharges to the River. Projects or programs that are located within 303d (impaired waters) sections of the River should be considered, both in California and Nevada. Innovative techniques should be encouraged.
- III. **Local Stormwater Improvements:** Projects that are well designed which mitigate storm water run-off due to urbanization of the local watershed. Priority should be given to those improvement projects in close proximity to TMWA's water supply intakes and canals and which will improve the reliability and protect the quality of the community's municipal water supply.
- IV. **Re-Forestation and Re-Vegetation Projects:** Projects to restore forest and upland areas damaged by fire and historical logging operations, and to improve resiliency in drought situations. Projects/programs in this category should be given a high priority due to urbanization of the watershed and increased susceptibility of the urban and suburban watershed to wildfire.
- V. **Support to Rehabilitation of Local Tributary Creeks and Drainage Courses:** Practical projects to support water quality improvement in Gray Creek, Bronco Creek, Mogul Creek, Chalk Creek, Steamboat Creek and the North Truckee Drain.
- VI. **Stewardship and Environmental Awareness:** Support to Clean-Up programs and the development and implementation of educational programs relative to water, water quality and watershed protection.
- VII. **Meet Multiple Objectives:** Projects/Programs should identify opportunities to meet multiple water quality and watershed objectives as outlined above with preference given to those achieving multiple benefits.
- VIII. **Leverage Stakeholder Assets and Participation:** Projects/Program selection should include an assessment of various stakeholder interests in all aspects of river water quality, watershed protection, source water protection and species enhancement thereby leveraging available funds and other assets.

Cover Sheet

Date: July 22, 2021

Organization Name:	Sierra Nevada Journeys		
Type:	501(c)(3) EIN# 01-0881587	Governmental entity? N	
Address:	190 E. Liberty Street, Reno NV 89501		
Project Name:	Watershed Education Initiative for the Urban Truckee River Corridor		
Amount requested: \$30,055	Website: www.sierranevadajourneys.org		
This funding will be used to (complete this sentence with a max of 2 sentences):	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 several distance learning programs in place that will significantly engage students, teachers and parents with watershed education.		
Key People:	Director:	Eaton Dunkelberger, CEO	
	Board Chair:	Dan Klaich	
	Project Contact:	Name:	Alyssa Wagner
		Position:	Program Director
		Phone:	775-848-6628
		Fax:	775-329-1689
		Email:	alyssaw@sierranevadajourneys.org
Organization Mission:	To deliver innovative, outdoor, science-based education programs for youth to develop critical thinking skills and to inspire natural resource stewardship.		
Has your organization received other grants from the Truckee River Fund? Yes X No (use additional page if necessary)	If yes,		
	Date awarded:	March 2021	
	Project title:	Watershed Education Initiative	
	Amount of Award:	\$31,035	
	Date awarded:	September 2020	
	Project title:	Watershed Education Initiative	
	Amount of Award:	\$32,041	
	Date awarded:	April 2020	
	Project title:	Watershed Education Initiative	
Amount of Award:	\$30,912		

DESCRIPTION OF PROJECT UNDER CONSIDERATION

Indicate the description that best fits the project you are proposing. Mark no more than three categories:

- ☐ A. Projects that improve bank or channel stabilization and decrease erosion.
- ☐ B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the Truckee River where data supports evidence of pollution and/or sediments entering the Truckee River.
- ☐ C. Projects 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.¹

¹ For proposals related to weed control/eradication, contact Lauren Renda at the Community Foundation of Northern Nevada for additional criteria. lrenda@nevadafund.org; 775-333-5499.

- ☒ E. Other projects that meet the evaluation criteria.

1. Specific project goals and measurable outcomes and how you will measure and report them.

During the past 12 years, Sierra Nevada Journeys' (SNJ) Watershed Education Initiative (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. With the specific focus of impacting the urban Truckee River corridor this Fall 2021 through WEI, we will successfully meet the following objectives:

Outputs	Outcomes
Deliver WEI to 750 K-8th grade students specifically from along the urban Truckee River corridor.	80% of students can correctly identify, label, and diagram the Truckee River Watershed. 70% of students can use knowledge of storm drains to describe how individuals and communities can reduce human impact on our watershed.
All students receive first-hand experience with the local watershed through a field-study on the Truckee River or one of its tributaries, or, in the case of a distance learning model, a virtual field trip or case study of the Truckee River.	95% of students participating in "Hands in the River" curriculum complete a Truckee River issue case study on water quality in the watershed. 95% of teachers will report that the program is helping to build critical thinking skills among their students.
Provide 28 teachers with WEI extension lessons.	

Methods to measure outcomes: Pre- and post-assessments are completed by each participating student. Each teacher completes a survey. Both are scored and compiled by SNJ staff. A third-party consultant from the NV Department of Education's assessment office consulted on the development of the assessment tools used in this program.

Methods to measure outputs: SNJ's Education Department manages an internal database that tracks details on participating students, schools, parents and volunteers.

We anticipate doing in-person learning this Fall. However, if Sierra Nevada Journeys WEI continues on a virtual platform due the COVID-19 crisis, we still anticipate reaching 28 teachers and 750 students with our Virtual Classrooms Unleashed. Even with hybrid learning restrictions this past year we reached 500+ teachers, 20,000 students and over 10,000 unique page views with Sierra Nevada Journeys at Home, which provides hands-on (including watershed) activities for use at home. Our website had 141,158 unique page views throughout this past year and we added 8,532 social media followers. Sierra Nevada Journeys is committed to being part of the solution in filling any unexpected education gaps created by the pandemic and its aftermath. Sierra Nevada Journeys will continue to deliver a successful education model, whether through traditional or virtual platforms, with the blend of fundraising dollars, program fees and community support, especially with the generous funding of the Truckee River Fund.

2. Project location. During Fall 2021, the two main field sites for this program will be located through and downstream of the urban corridor of the Truckee River; Oxbow Nature Study Area and the McCarran Ranch Preserve. These locations are convenient and close to home for local students, increasing their sense of ownership, awareness and comfort with accessible nature areas, and highlight regions along the Truckee River that are impacted by urban growth and development. In instances of distance learning programming, students will be guided through a “Virtual Field Trip” to the McCarran Ranch Preserve.

3. Project Description. A study from The Nature Conservancy reveals that students who have had a personal experience in nature are:

- Significantly more likely to express concern about water pollution, air pollution, climate change, and the condition of the environment;
- More than twice as likely to “strongly agree” that protecting the environment is “cool;”
- More than twice as likely to consider themselves a “strong environmentalist;” and
- Substantially more likely to express interest in studying the environment in college, working in a job related to nature, or joining an environmental club at their school.²

Through WEI, SNJ provides local youth with opportunities to have an interactive experience outdoors, increasing their likelihood to cherish nature, engage with it and become stewards of their natural resources.

With this funding, SNJ will serve 750 students in 28 classrooms within 10 miles of the urban corridor of the Truckee River. Conducted over a four-week period, WEI includes two in-class lessons, one field-study experience, pre- and post-assessments, classroom extension lessons for teachers, and family and community engagement. Curriculum developed and delivered by SNJ’s team of credentialed teachers aligns to state and national standards and the North American Association for Environmental Education’s Guidelines for Excellence.

SNJ’s Watershed Education Initiative Overview

The **school-based** component includes two in-class lessons (three) hours of engaging 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.

The **field-based** component includes approximately one day of outdoor science education as students hike along the Truckee River. 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.

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. By explicitly modeling teaching methods and reinforcing with SNJ’s classroom lessons, we strive to support educators and multiply the effects of our student programming.

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. This increases parent involvement, which allows individuals within families to reinforce the attitudes, motivations, skills and behaviors learned, and to foster parent–student communication about watershed-related topics.

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. Volunteers, who are primarily comprised of retired educators, naturalists, and parent chaperones, also consistently report learning tremendously in their participation with WEI.

² The Nature Conservancy, Connecting America’s Youth to Nature, 2012 Retrieved from: <http://www.nature.org/newsfeatures/kids-in-nature/youth-and-nature-poll-results.pdf>

4. Grant priorities. WEI is an education program that addresses water, water quality and watershed protection for K-8th grade students, directly aligning with grant priority VI: *Stewardship and Environmental Awareness*. Students gain first-hand experience determining water quality, explore human impacts on their water source, and obtain skills, knowledge and a field experience to connect them to their local river. The overall long-term program impacts include:

- Students understand important science concepts related to the Truckee River watershed and can articulate how their actions affect the Truckee River watershed and local ecosystems.
- Teachers use extension lessons and implement more hands-on exploration of the watershed. Parents and community members engage in watershed education directly through WEI volunteer.
- Health of the Truckee River watershed and local ecosystems improves as students and their families adopt environmental stewardship practices that help reduce water pollution and human impacts.

5. Permitting. - N/A

6. Future land use. – N/A

7. If future phases of the project will be needed, identify anticipated sources of funding. - N/A





8. Principals involved:

Credentialed science educators on the SNJ staff will be directly responsible for coordination and delivery of watershed education programs. Alyssa Wagner is a former elementary school teacher and holds a Bachelor of Science in education from the University of Nevada, Reno, and a Masters in Curriculum and Instruction from Concordia University, Portland, Oregon.

9. Number of staff positions involved in project: Fulltime **4** Part-time **1**

10. Number of volunteers involved: If the project runs in-person, approximately **50** volunteers (including field educators and parent volunteers) will donate **time** during WEI's field-study portion of the program, increasing parents and community member access to watershed education.

11. Time Line of Project.

Deliverables	2021					
	July	Aug	Sep	Oct	Nov	Dec
Recruitment/Scheduling: SNJ outreach efforts are continuous. Outreach is now underway for the spring semester. SNJ targets schools that participated in watershed programming in the past and new schools that have not received WEI.						
Program Delivery: SNJ instructors will deliver engaging watershed education lessons to 750 students through school-based and field-based programs.						
Evaluation: SNJ staff will compile student assessment data throughout the grant period. These results will inform any changes to the curriculum to ensure effective programming in the future.						
Final Report: Submit the final report to the Community Foundation of Western Nevada. This report will include a summary of the work completed, student assessment data, and a budget update.						

12. Success.

Outputs	Tracking
<p>Deliver watershed education to 750 K-8th grade students from throughout northern Nevada.</p> <p>All students receive first-hand experience with the local watershed through a field-study on the Truckee River or one of its tributaries, or, in the case of a distance learning model, a virtual field trip or case study of the Truckee River.</p> <p>Provide 28 teachers with WEI extension lessons.</p>	<p>Internal SNJ database – Updated regularly throughout the year</p>
Outcomes	Tracking
<p>80% of students can correctly identify, label, and diagram the Truckee River Watershed.</p> <p>70% of students can use knowledge of storm drains to describe how individuals and communities can reduce human impact on our watershed.</p> <p>95% of students participating in “Hands in the River” curriculum complete a Truckee River issue case study on water quality in the watershed.</p> <p>95% of teachers will report that the program is helping to build critical thinking skills among their students.</p>	<p>Pre- and post-assessments – reviewed after the end of each program and presented in report at end of grant period</p> <p>Teacher surveys</p>

13. Grant Match

Match amount to be provided:		\$7,513 (25% of requested funds)
Match details:	Match is:	
	Cash	\$7,513
	In-kind	Note: Volunteer and in-kind hours may be calculated at a maximum rate of \$20/hour per individual. Indirect cost may not be counted as match.
	For the cash portion of your match, is the funding already being held by the applicant for this project? Yes ___ No <u>X</u>	
Description of matching funds/in-kind donations:	\$7,513 from the Nevada Division of Environmental Protection	

14. Project Budget
Watershed Education Initiative (WEI) Budget

Program Budget					
Item	Description	Per Student Expense	WEI Fall 2021 Expenses	SNJ Match	TRF Request
Education Personnel	Education Instructors, Program Directors and Coordinators	\$ 40.01	\$ 30,007.50	\$ 5,000.00	\$ 25,007.50
Direct Program Expenses	Direct program expenses, including: program and field day supplies, printing and paper, uniforms, etc.	\$ 6.73	\$ 5,047.50		\$ 5,047.50
Occupancy Expense	Rent and utilities	\$ 2.72	\$ 2,040.00	\$ 2,040.00	
Administration Expense	Marketing, office supplies, postage, outside printing services, internet and telephone	\$ 4.73	\$ 3,547.50	\$ 3,547.50	
	Total Expenses	\$ 54.19	\$ 40,642.50	\$ 10,587.50	\$ 30,055.00



TRUCKEE MEADOWS PARKS FOUNDATION

AWARENESS • APPRECIATION • STEWARDSHIP

Cover Sheet

Date: July 31, 2021

Organization Name:	Truckee Meadows Parks Foundation																										
Type:	501(c)(3) EIN# 45-4837735	Governmental entity? Y/N																									
Address:	50 Cowan Dr. Reno, NV 89509																										
Project Name:	Dog Waste Awareness Campaign																										
Amount requested: \$60,775	Website: www.tmparksfoundation.org																										
This funding will be used to (complete this sentence with a max of 2 sentences):	Create and promote a successful and widespread Awareness Campaign to encourage positive stewardship actions and keep dog waste out of parks and the Truckee River watershed.																										
Key People:	<table border="1"> <tr> <td>Director:</td> <td colspan="3">Heidi Anderson</td> </tr> <tr> <td>Board Chair:</td> <td colspan="3">Sarah Chvilicek</td> </tr> <tr> <td rowspan="5">Project Contact:</td> <td>Name:</td> <td colspan="2">Heidi Anderson</td> </tr> <tr> <td>Position:</td> <td colspan="2">Executive Director</td> </tr> <tr> <td>Phone:</td> <td colspan="2">(775) 453-0278</td> </tr> <tr> <td>Fax:</td> <td colspan="2">N/A</td> </tr> <tr> <td>Email:</td> <td colspan="2">info@tmparksfoundation.org</td> </tr> </table>			Director:	Heidi Anderson			Board Chair:	Sarah Chvilicek			Project Contact:	Name:	Heidi Anderson		Position:	Executive Director		Phone:	(775) 453-0278		Fax:	N/A		Email:	info@tmparksfoundation.org	
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	Fax:	N/A																									
	Email:	info@tmparksfoundation.org																									
Organization Mission:	Truckee Meadows Parks Foundation (TMPF) protects and enhances our communities' livability through public engagement, education, and the sustainability of our parks, open spaces, and trails. TMPF accomplishes this by offering innovative parks-based education and recreation programs designed to empower youth in pursuing STEAM (science, technology, engineering, art, mathematics) learning and to increase community-wide awareness, appreciation, and stewardship of Truckee Meadows parks.																										
Has your organization received other grants from the Truckee River Fund? Yes No (use additional page if necessary)	If yes, <table border="1"> <tr> <td>Date awarded:</td> <td>10/02/2019</td> </tr> <tr> <td>Project title:</td> <td>TRF #226- Truckee Meadows Nature Study Area: First Year Operational</td> </tr> <tr> <td>Amount of Award:</td> <td>\$101,526</td> </tr> <tr> <td>Date awarded:</td> <td>3/26/2019</td> </tr> <tr> <td>Project title:</td> <td>TRF#215- Truckee Meadows Nature Study Area: First Year Operational Phase</td> </tr> <tr> <td>Amount of Award:</td> <td>\$61,400</td> </tr> <tr> <td>Date awarded:</td> <td>10/04/2018</td> </tr> <tr> <td>Project title:</td> <td>Truckee Meadows Nature Study Area: Planning Phase</td> </tr> <tr> <td>Amount of Award:</td> <td>\$38,400</td> </tr> </table>			Date awarded:	10/02/2019	Project title:	TRF #226- Truckee Meadows Nature Study Area: First Year Operational	Amount of Award:	\$101,526	Date awarded:	3/26/2019	Project title:	TRF#215- Truckee Meadows Nature Study Area: First Year Operational Phase	Amount of Award:	\$61,400	Date awarded:	10/04/2018	Project title:	Truckee Meadows Nature Study Area: Planning Phase	Amount of Award:	\$38,400						
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TRUCKEE MEADOWS PARKS FOUNDATION

AWARENESS • APPRECIATION • STEWARDSHIP

DESCRIPTION OF PROJECT UNDER CONSIDERATION

- ☐ A. Projects that improve bank or channel stabilization and decrease erosion.
- ☐ B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the Truckee River where data supports evidence of pollution and/or sediments entering the Truckee River.
- ☒ C. Projects 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.¹
- ☒ E. Other projects that meet the evaluation criteria.

NARRATIVE REQUIREMENTS

1. Specific project goals and measurable outcomes and how you will measure and report them.

The Dog Waste Awareness Campaign from the Truckee Meadows Parks Foundation will increase awareness and actions of community members in disposing of dog waste in Reno/Sparks and Washoe County along the Truckee River's trails, parks and open spaces. The campaign will be hosted primarily on Facebook, Instagram, YouTube, the Parks Foundation website, local news stations, and marketed in all three jurisdictions with at least one video created in Spanish language. To determine the success of this campaign, the Parks Foundation will track and review social media and marketing analytics including reach, impressions, click rates, open rates, engagement, and views (video and webpage). As additional awareness metrics, the Parks Foundation will measure and record the number of dog waste bags distributed, as well as the number of people reached through presentations at in-person programs.

The Dog Waste Awareness Campaign is estimated to reach 10,000 views across social media platforms, partner with three local organizations to cross promote content, distribute 350,000 dog waste bags in one year, and create one video in Spanish language. With current marketing standards suggesting it takes three touch points to make an impression on viewers, the videos will run for four months with an re-assessment at three months to make sure impression goals are being hit.

2. Project location.

This campaign will be targeted to the residents of the City of Reno, City of Sparks, and Washoe County. Despite being separated on a map, the Truckee River winds through and connects these



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three communities making it imperative that a unified effort is needed to reduce dog waste and preserve the health of the river.

3. Project description.

The Parks Foundation is eager to develop and execute a professional level Dog Waste Awareness Campaign that educates and informs Truckee Meadows community members on stewardship actions that keep dog waste out of the Truckee River watershed. The campaign will be developed in-house with management from our Communications Director, and guidance from a Public Relations agency, to incorporate best practices on maximizing community engagement. The chosen PR agency will provide a social media brief with specifics on marketing tactics, advertisement opportunities, and sustainable online engagement. The Doggie Waste Awareness Campaign will be promoted with Facebook, Instagram, Youtube, local broadcasting, and through the Parks Foundation's already established newsletters and website. The goal of this awareness campaign is to grow the amount of park goers reached, by increasing impressions, views, and clicks over all of our various mediums of advertising. In addition, with a 26.12% Hispanic/Latino population in Reno/Sparks, it is imperative to incorporate information in Spanish language. By promoting a strong, cohesive message of stewardship to a wide audience, Truckee Meadows Parks Foundation will influence more members of the community to participate in conservation actions regarding dog waste, and keep dog waste off the ground and out of the Truckee River. In 2020 alone, through the Parks Foundation's Doggie Ambassador Project, 461,400 dog waste bags were distributed. This number nearly doubled from 2019, in which 242,400 waste bags were distributed. With nearly a 100% increase in dog waste bag distribution, each bag distributed represents dog waste picked up and prevented from washing into the Truckee River watershed. While this growth represents a positive step, a targeted best-practice campaign will serve to amplify the reach of this ecologically critical, and publicly heeded, project.

The Dog Waste Awareness Campaign will be designed to protect the Truckee River watershed from the harmful effects of dog waste. Everytime it rains or snow melts, dog waste is washed away into drains and storm sewers. The waste, full of unhealthy bacteria, flows with the stormwater directly into ponds, lakes, and rivers. Stormwater is rarely treated before entering any natural body of water, resulting in all waste being directly deposited into the watershed carrying dangerous bacteria, such as salmonella, giardia, and parasites like hookworm and ringworm (Rahim, Barrios, McKee, et al. 2017). In high enough quantities, these bacteria and parasites cause bodies of water to become unsafe for human recreation, including common activities like swimming and fishing. According to the Environmental Protection Agency, dog waste is considered a nonpoint source environmental pollutant. In terms of harmfulness, this categorizes dog waste with herbicides, pesticides, oil, grease, toxic chemicals, and acid drainage from abandoned mines (US EPA, 2017). Furthermore, when dog waste begins to decay in a body of water, it releases an excess amount of nutrients such as phosphorus and nitrogen. In turn, the nutrient excess promotes an overabundance of algal growth (Stevens & Hussmann, 2017). If



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algal growth continues for a long duration of time, the body of water suffers significant oxygen depletion as well as a higher rate of unnatural fish mortality (Hallegraeff, 1993; Svircev et al., 2016). Lastly, in the event that the dog waste is not washed away with stormwater, it becomes susceptible to seeping deep into the ground and contaminating groundwater.

In addition to the negative environmental impact, excessive dog waste creates an unpleasant experience for park-goers. Through the Awareness Campaign, positive stewardship actions will become commonplace, and the negative environmental effects of excessive dog waste, listed above, will be prevented.

4. Grant priorities

The Dog Waste Awareness Campaign advances TRF's grant priority VI of Stewardship and Environmental Awareness: Support to Clean-Up programs and the development and implementation of educational programs relative to water, water quality and watershed protection. For many, the connection between neglected dog waste and its negative impact on the Truckee River is unknown or not well understood. Through the campaign, public education will be provided about the harmful effects of dog waste on the Truckee River and watersheds. After partnering with a local Public Relations agency, videos will be strategically produced and marketed to generate the most impact in the Truckee Meadows community. The awareness campaign will lead to community stewardship, and encourage park and trail goers to use the resources provided through established Dog Waste Stations and to clean up their pet's waste. These actions, inspired by the Awareness Campaign, will reduce the amount of harmful fecal matter entering the watershed.

5. Permitting.

There are no permits required for the Dog Waste Awareness Campaign.

6. Future land use.

There are no foreseeable zoning, land use, or development plans that may affect the Dog Waste Awareness Campaign.

7. Future Phases.

The Dog Waste Awareness Campaign will begin production in Fall 2021 with videos premiering in Spring 2022. A relaunch of the campaign will be dependent on the success and future funding. The Parks Foundation will utilize videos for educational and training purposes for future years.

8. Principals involved.



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Truckee Meadows Parks Foundation Executive Director, Heidi Anderson; Program and Events Manager, Chantel Dominguez; and Communications Director, Matt DeBray will be the principals involved in the coordination of the project. Matt DeBray studied Radio Television Production at the University of Montana and brings over a decade of video production experience to this project.

9. Number of staff positions involved in project:

Fulltime: 0

Part-time: 3

10. Volunteers Involved.

The Dog Waste Awareness Campaign will utilize current Truckee Meadows Parks volunteers in recruiting for talent in the videos with anticipation of 5 volunteers contributing.

11. Timeline.

November 2021: Initiate Public Relations partnership to develop a campaign brief to inform the creative strategy and production plan.

January/February 2022: Begin drafting plans, scripts and themes for the Awareness Campaign. Identify partner organizations to distribute campaign videos. Draft Spanish language version of campaign with guidance from a Spanish interpreter.

March 2022: Begin production of videos and create a media distribution calendar.

April 2022: Share first awareness campaign videos on social and traditional media, distribute social media promotion, begin tracking engagement numbers. Continue production of additional campaign videos. Partner with three local organizations to post produced videos as original content on respective social media platforms and websites.

May 2022: Share second awareness campaign videos via social and traditional media and newsletters while working with community partners to increase campaign reach through additional distribution.

June 2022: Share third awareness campaign video via social and traditional media. Utilize “elevator pitch” at dog-friendly parks and in-person events. Report three months of engagement numbers. Identify areas where engagement can be increased.

July 2022: Share fourth awareness campaign video, focusing on areas identified in June.

August -December 2022: Continue to repost content and identify partner organizations to



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distribute to a wider audience. Every three months engagement data will be analyzed and adjustments made to distribution.

4. Success.

Success will be measured by utilizing data from social media and web page analytics, success of creating a Spanish language video, and the number of dog waste bags distributed to show an increase in action from the community. The campaign's success will be indicated by an increase in overall reach and impressions (social media and digital ads), web page visits, and video views.

5. Collaboration.

The Parks Foundation will collaborate with three community organizations in Reno, Sparks, and Washoe County to spread the mission and re-share newsletters, videos, and other media materials from the Dog Waste Awareness Campaign. Some entities for consideration include the City of Sparks, the City of Reno, the SPCA of Northern Nevada, Nevada Humane Society, Keep Truckee Meadows Beautiful and One Truckee River.

6. Grant match.

See page 7.

7. Project budget

See page 6.



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Dog Waste Awareness Campaign Budget

Budget Item Description	Truckee River Fund	Other Funding Name	Match Funds	Total Funds
Programs & Events Manager	\$9,450	AmeriCorps	\$6,750	\$16,200
Communications Manager	\$10,800	AmeriCorps	\$2,200	\$13,000
AmeriCorps VISTA Communications Coor.	\$0	AmeriCorps	\$3,000	\$3,000
AmeriCorps VISTA Community Engagement Coor.	\$0	AmeriCorps	\$3,000	\$3,000
Supplies	\$5,000	TMPF	\$2,500	\$7,500
Consulting	\$8,000	-	\$0	\$8,000
Spanish Interpreter	\$2,000	-	\$0	\$2,000
Marketing	\$20,000	NVBA	\$24,000	\$44,000
Administrative	\$5,525	-	\$0	\$5,525
TOTAL	\$60,775	-	\$41,450	\$102,225



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Dog Waste Awareness Campaign Grant Match

Match amount to be provided:	\$ 41,450						
Match details:	<p>Please provide the form of your matching funds. If match is made up of both cash and in-kind, fill in both sections.</p> <p>Match is: \$41,450</p> <table border="1"> <tr> <td>Cash</td> <td>\$ 14,950</td> </tr> <tr> <td>In-kind</td> <td>\$ 26,500</td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>For the cash portion of your match, is the funding already being held by the applicant for this project? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	Cash	\$ 14,950	In-kind	\$ 26,500		
Cash	\$ 14,950						
In-kind	\$ 26,500						
Description of matching funds/in-kind donations:	<p>The Truckee Meadows Parks Foundation receives funding from the AmeriCorp VISTA and the State and National Program to support community education and stewardship. In-kind match will come from Truckee Meadows Parks Foundation with use of video production equipment and from Nevada Broadcasters Association to air the videos on local news stations in the Truckee Meadows.</p>						



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Citations

Hallengraeff, G. M. (1993). A review of harmful algal blooms and their apparent global increase. *Phycologia*, 32(2), 79-99.

Rahim, T., Barrios, P., McKee, G., McLaws, M., Kosatsky, T. (2017). Public health considerations associated with the location and operation of off-leash dog parks. *Journal of Community Health*. DOI 10.1007/s10900-017-0428-2

Stevens, D. & Hussmann, A. (2017). Wildlife poop versus dog poop: Explained: Leave No Trace. Retrieved from <https://lnt.org/blog/wildlife-poop-versus-dog-poop-explained>

Svircev, Z., Obradovic, V., Codd, G., Marjanovic, P., Spoof, L., Drobac, D., Tokodi, N., Petkovic, A., Nenin, T., Simeunovic, J., Vazic, T., Meriluto, J. (2016). Massive fish mortality and *Cylindrospermopsis raciborskii* bloom in Aleksandrovac Lake. *Ecotoxicology*, 25(7), 1353-1363.

US EPA (2017, May 2). What is Nonpoint Source? Retrieved from <https://www.epa.gov/nps/what-nonpoint-source>



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Letter of Support from Councilman Dahir

July 22, 2021

To whom it may concern,

As a city councilman for the City of Sparks, and one who serves on many boards to enhance our region, please accept my support of the Truckee Meadows Parks Foundation's application for the Fall 2021 Truckee River Fund to support the Dog Waste Awareness campaign. I believe this campaign will preserve and protect the water quality of the Truckee River.

With many of the parks and open spaces in Truckee Meadows coinciding with the Truckee River, dog waste runoff into the river is a bigger concern than it ever has been. Amid an estimated 60% increased usage of parks and outdoor spaces during the pandemic, an increase in public awareness about how to properly care for these areas must follow. With the creation and promotion of a successful and widespread Dog Waste Awareness campaign we can limit the dog waste entering the Truckee River Watershed and contaminating the water supply.

Truckee Meadows Parks Foundation currently manages the Doggie Ambassador Program which not only provides thousands of dog waste bags to community members but distributes them as well. The Parks Foundation maintains outstanding relationships with the community as a leader in stewardship, appreciation, and awareness of our Truckee Meadows, but adequate funding is needed to launch this much needed aspect of the project. I believe the Parks Foundation has the reach and resources to execute this campaign effectively.

Funding from the Truckee River Fund for this project will contribute to positive impact and enhanced water quality of the Truckee River.

Thank you for your consideration,

Councilman Kristopher Dahir



Cover Sheet

Date: July 30, 2021

Organization Name:	Truckee River Foundation DBA One Truckee River	
Type:	501(c)(3) EIN# 20-3378838	Governmental entity? No
Address:	P.O. Box 18153 Reno, NV 89511	
Project Name:	OTR River-Friendly Landscaping Program Expansion	
Amount requested:	\$48,000	Website: www.onetruckeeriver.org
This funding will be used to (complete this sentence with a max of 2 sentences):	Expand OTR River-Friendly Landscaping Program to protect water quality in the Truckee River Watershed.	
Key People:	Director: Iris Jehle-Peppard Board Chair: Lynn Zonge Project Contact: Name: Iris Jehle-Peppard Position: Executive Director Phone: 775-450-5489 Fax: 775-851-5182 Email: iris@onetruckeeriver.org	
Organization Mission:	OTR (OTR) mission is to ensure a healthy, thriving, sustainable river connected to the hearts and minds of its community.	
Has your organization received other grants from the Truckee River Fund? Yes, X No (use additional page if necessary)	See Attachment A	

DESCRIPTION OF PROJECT UNDER CONSIDERATION

Indicate the description that best fits the project you are proposing. Mark no more than three categories:

- ☐ A. Projects that improve bank or channel stabilization and decrease erosion.
- ☒ B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the Truckee River where data supports evidence of pollution and/or sediments entering the Truckee River.
- ☒ C. Projects 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.¹
- ☒ E. Other projects that meet the evaluation criteria.

¹ For proposals related to weed control/eradication, contact Lauren Renda at the Community Foundation of Northern Nevada for additional criteria. lrenda@nevadafund.org; 775-333-5499.



NARRATIVE REQUIREMENTS

1. *Specific project goals and measurable outcomes and how you will measure and report them.*

OTR proposes to expand OTR River-Friendly Landscaping Program (the Program), beyond its pilot, with the goal to engage Truckee Meadows homeowners to teach landscape design and maintenance practices that protect Truckee Meadow's water quality. Based on the Program's pilot successes (see project description), we propose expanding the Program with three new goals:

Goal 1: Conduct marketing and branding research to determine how best to reach a larger audience.

Goal 2: Expand the existing Programming, including public workshops, social media campaign and articles.

Goal 3: Develop a new branch of the Program focused on new construction to encourage new development (developers) to design and install landscaping that protects the Truckee River water quality.

Measurable Outcomes

Goal 1 Outcomes: To address concerns that the name "River-Friendly Landscaping" may be confusing and that messaging should be more focused on audience needs, we propose conducting market research to determine if rebranding and redirected messaging would help Program expansion. We will conduct a focus group with our target audience. Based on the findings, we will develop and conduct a community survey to validate messaging concepts and determine whether rebranding is necessary. We will form a technical advisory group to solicit feedback from local landscape industry professionals and determine design guidelines to include in our newly branded landscape aesthetic. Once the name, key messaging concepts, and landscape aesthetic guidelines are determined, we will work with a marketing professional to develop a unique Program logo. We will update the current Program's webpage to reflect any new branding.

Goal 2 Outcomes: To build on the existing homeowner education Program pilot and incorporate more implementation tools, we propose the following outcomes:

- 1) Continue social media posts, blogs, and in-person and virtual workshops focused on homeowner associations in collaboration with the Truckee Meadows Stormwater Permit Coordinating Committee (TMCWPCC).
- 2) Develop a new landscape design workshop that will take homeowners beyond learning broad concepts and teach them how to create landscaping that meets their unique goals while protecting water quality.
- 3) Create more resources to help homeowners with implementation, including a new Facebook group, a 1-page handout, and design templates. The Facebook group will create a new community forum for design workshop participants to ask questions and get implementation advice. The handout will be distributed as a workshop take-away to help reinforce the techniques covered in the class. The design templates will be example planting designs for buffer strips (plantings between the lawn and sidewalk that reduce runoff). These templates will use water-wise plants outlined in the TMWA Water Efficient Landscape Guide.

Goal 3 Outcomes: To make sure we're regionally building to protect water quality into the future instead of constantly retrofitting existing homes, we propose research and development of a new construction branch of the Program. This will be a totally new effort that will first require research. We will review existing local land development codes and research model landscaping codes as it relates to water quality from other regions. We'll report our findings to the jurisdictions to increase education on potentially more policies to protect water quality. We will interview local planning departments and developers to gain insight as to what new construction landscape guidelines and codes are feasible and marketable within our region to adjust. Based on this research, we will develop design guidelines for new construction that incorporate the Program's new branding and includes an outline for implementation of the new construction branch of the Program.

How Outcomes Will be Measured: *Outcomes of each goal will be measured with the following deliverables:*



Goal 1 Deliverables: Focus Group Findings Summary, Community Survey Results, TAG Feedback and Conclusions on Elements to Include in a “River-Friendly Landscape”, Logo for Marketing Materials and Website Updates (if deemed necessary).

Goal 2 Deliverables: 27 Social Media Posts, 4 Articles/Blogs, New Design Workshop Curriculum, 8 Workshops, 3 Buffer Strip Design Templates, Facebook Group, Updated Program Handout.

Goal 3 Deliverables: Report on Potential Sustainable Landscaping Policies to Protect Water Quality that the OTR Executive Director will share with the jurisdictions, Design Guidelines for New Construction, Outline of Strategy for Implementing of the Program’s New Construction Outreach.

2. **Project location:** The project location will not be related to a specific location. It will target all residential parcels in Nevada’s Truckee River watershed. Yet, OTR is open to explore a specific geographical area for some of Goal 2 efforts, if desired by the Truckee River Fund Advisory Committee.
3. **Project description.** *Include site map and aerial photos if applicable/possible. Maps and photos must fit on 8-1/2” x 11” paper. Cite any studies that support your project.*

OTR launched the Program’s pilot in 2020/21 with funding from the Western Regional Water Commission (WRWC). The Program’s pilot goal was to engage Truckee Meadows homeowners to teach about landscape design and maintenance practices that protect water quality in the Truckee River Watershed. This Program was initiated because residential parcels are increasing across the Truckee Meadows, and they have great stormwater runoff reduction potential when assessed cumulatively. According to the Nevada 2016-2018 Water Quality Integrated Report, **“Pollution from nonpoint sources (NPS) is the leading cause of water quality impairments in Nevada.”** The Program helps to address NPS pollution and support Nevada Division of Environmental Protection (NDEP) 2015-2019 Nonpoint Source Management Plan goals and strategies to “implement best management practices that minimize or prevent urban nonpoint source pollution.” It supports OTR Management Plan prioritized Action Item 1.4.c) *Develop and implement a coordinated vegetation management plan along the river* by being an avenue to support the local jurisdictions to reach out to residents about their vegetation management practices while OTR leads a coordinated Vegetation Management Master Planning effort with funding from the Bureau of Reclamation administrated by Nevada Land Trust. In addition, the Program supports the implementation of these other OTR Action Items:

- **1.1.c)** Implement Best Management Practices to improve quality of water flowing into the Truckee River from contributing watershed areas.
- **1.2a)** Develop Truckee River Watershed Management Plan through stakeholder coordination and consensus process.” This plan has been developed and the Program supports its goals by addressing watershed management on residential parcels.
- **1.3.b)** Educate users of the Truckee River on issues impacting water quality.

The Program’s pilot started in September 2020 included public workshops, social media, and articles/blogs. Results from the Program’s pilot include:

- 539 workshop participants, with 88% reporting an increased knowledge of urban runoff pollution.
- 34,106 social media views reached with a 5% engagement rate meaning 1,705 people provided comments, clicked, or shared the Program’s pilot content. This engagement rate is considered above average as it relates to social media marketing standards. Blogs and articles were published with a distribution of over 34,000 in publications including the Sierra Club Toiyabe Chapter’s blog, Moana Nursery’s blog, and NDEP’s Nevada Water Quality News.

Based on the great success of the Program’s pilot, OTR is seeking to expand its efforts. To determine the Program’s next steps, we solicited feedback from participants and local water quality professionals. We conducted research and interviews with similar water quality and conservation education Programs in other western states. Some of the “take-aways” were:

- 1) the name River-Friendly Landscaping is confusing to some,
- 2) messaging should focus on audience needs (i.e., while water quality improvement is our goal, it may be better to concentrate messaging on homeowners’ concerns like high water bills and time lost to yard maintenance),



- 3) education programs should teach design instead of broad principles (i.e., don't just tell people what they're doing wrong; instead, give them the tools to create landscapes that works for their needs while protecting water quality), and
- 4) the greatest gains for water quality improvements come from working with homeowners' associations and ensuring that new construction is installed with water quality in mind from the get-go.

Based on this feedback and research, we are proposing to expand the Program in three parts:

- 1) marketing and branding research,
- 2) expansion of the homeowner education Program, and
- 3) development of a new branch of the Program focused on new construction.

4. **Reports that Support this Project:** OTR Management Plan, Phase I, Nevada 2016-2018 Water Quality Integrated Report, Nevada Nonpoint Source Management Plan, and the Truckee Meadows Stormwater Monitoring Annual Report Fiscal Year 2020.
5. **Grant priorities.** *Explain how the proposed project advances the TRF's grant priorities (page 2 of the cover sheet); refer to the priorities by number in your narrative.*

Expansion of the Program meets TRF's Grant Priority II Watershed Improvements, III Local Stormwater Improvements, and VI Stewardship and Environmental Awareness because it provides water quality and watershed protection in adult education programming and is designed to mitigate residential stormwater runoff and NPS pollution. The Program encourages landscape design techniques and maintenance practices that reduce sediments, phosphorus, and nitrogen in direct support of efforts to meet the Truckee River's TMDL requirements. It encourages techniques to reduce stormwater runoff volumes, mitigating hydro-modification of channels and water temperature increases due to surface runoff across hot pavement.

6. **Permitting.** *Provide a permitting schedule for your project along with your plan for getting the required permits. Be sure to include the cost of permitting as a line item in your budget. N/A*
7. **Future land use.** *List any known or foreseeable zoning, land use or development plans that may affect your proposed project.*

No zoning, land use, or development plans will interfere with the proposed Program goals. It will include research on policies related to water quality that will be shared with the jurisdictions for educational proposes and consideration. It will work with developers to educate and identify feasible adjustments to their plans to protect water quality.

8. **If future phases of the project will be needed, identify anticipated sources of funding.**

OTR is working to gain more funding sources for the Program and other OTR prioritizes through the TMSWPCC, WRWC, and NDEP. OTR Proposal Writing Team with the support from the National Park Service is identifying more funders who may have an interesting in supporting OTR work including this Program.

9. **Number of staff positions** involved in project: Fulltime Part-time **1**
10. **Number of volunteers involved** in project and an estimated number of volunteer hours.

The Program had numerous volunteers involved in the pilot. We anticipate volunteers will continue to be involved in the Program in different capacities. **Goal 1:** volunteers will be recruited and organized in a focus group setting to review material and provide in-depth input related to the Program's current and future branding options. **Goal 2:** volunteers from organizations that co-host public workshops and staff from the jurisdictions assist with conducting workshops and promoting Program workshops and educational material. **Goal 3:** We anticipated to gain 2 to 4 developers that will volunteer their time to provide guidance on the new construction branch of the Program. We estimate there will be 20 volunteers overall providing an estimated 4 hours each toward the Program for a total of 80 volunteer hours. We have an AmeriCorps member position that will provide 140 hours to support the Program and NDEP provided staff time to review and provide edits to the Program's pilot. NDEP agrees to continue this contribution for the proposed Program expansion for an estimated 37 hours of review and edits to Program material produced.



11. Time Line of Project. List key dates and include project milestones.

The goals outlined in this proposal will be completed within one calendar year after funding.

12. Success. Tell the committee how we will know you succeeded in what you proposed to do.

Immediate success will be evident if we meet the measurable outcomes and deliverables for each goal, as detailed above. Longer-term success, and the ultimate goal of our actions, will be evident if the water quality in the Truckee River being improved. It will take longer to assess since water quality data is often highly variable due to innumerable factors.

13. Collaboration. List partnerships or collaborations with other entities in relation to your proposal, if any.

The Program's pilot collaborated with the following entities to support public outreach:

Lahontan Audubon Society, Moana Nursery, Reno Sunrise Rotary Club, Reno Kayakers, The Nature Conservancy, Reno Food Systems, Living With Fire (UNR), Nevada Land Trust, Keep Truckee Meadows Beautiful, Sierra Club Toiyabe Chapter, Galena Creek Visitor Center, University of Nevada Reno Cooperative Extension, Rail City Garden Center, Newcomers and Neighbors of Northern Nevada Club, the Historic Reno Preservation Society, Arrow Creek Garden Club, May Arboretum Society, the Osher Lifelong Learning Institute of UNR, the American Society of Landscape Architects Nevada Chapter, and Washoe County Green Team.

We are always pursuing additional collaborations and as part of the Program expansion, we will be targeting homeowners' associations, realtors, and developers. We collaborate with NDEP that provides technical review of the Program's materials.

Grant Match

Match amount to be provided:	\$15,055
Match details:	<p>Please provide the form of your matching funds. If match is made up of both cash and in-kind, fill in both sections.</p> <p>Match is:</p> <p>Cash \$ 10,000</p> <p>In-kind \$ 5,055 (\$1,110 NDEP + \$1,600 volunteers + \$2,345 AmeriCorps)</p> <p><i>Note: Volunteer and in-kind hours may be calculated at a maximum rate of \$20/hour per individual. Indirect cost may not be counted as match. For the cash portion of your match, is the funding already being held by the applicant for this project? Yes x</i></p>
Description of matching funds/in-kind:	<p>Cash: WRWC Program funding of \$10,000.</p> <p>In-kind provided by multiple OTR partners and relevant community groups:</p> <ul style="list-style-type: none"> • \$1,110 (37 hrs. x \$30/hr.) for NDEP paid staff to review and provide edits to Program materials • \$1,600 (20 volunteers at 4 hrs each x \$20/hr) volunteers related to Goal 2 • \$2,345 (140 hrs. out of 1,720 hrs for \$28,806 AmeriCorps member support

ATTACHMENTS: You may be asked to submit the following attachments via email. If you are asked to submit the attachments, clearly label each file with your organization's name. If you do not have the ability to email them, place each of the items listed below on a separate page and submit just one copy. **Nonprofits submit: 1)** Last audited financial statements if your organization has been audited, **2)** List of Board of Directors, **3)** Copy of agency's IRS 501(c)(3) Tax Determination Letter, and **4)** Copy of the agency's most recent IRS Form 990.

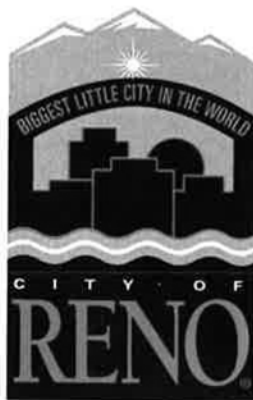


OTR RIVER-FRIENDLY LANDSCAPING PROGRAM						
EXPANSION BUDGET					REIMBURSEMENT REPORT	
Budget Item Description*	TRF \$	Other Funding Name	Match \$	Total	Expenditures to date TRF	Expenditures to date (other sources)
NDEP to provide oversight of Program material		NDEP	\$1,110	\$1,110		
Consultant: Urban Ecology Solutions LLC, Carrie Jensen, Landscape Architect and Environmental Educator	\$38,400	WRWC	\$10,000	\$48,400		
Labor—20 volunteers (4 hrs each@ \$20/hr)		Various	\$1,600	\$1,600		
Labor—AmeriCorps (140 hrs out of 1,720 hrs of total service)		AmeriCorps	\$2,345	\$2,345		
In-direct Expenses at 25% including printing and reproductions, postage, office supplies, payroll services, insurance, tel-communications, utilities, dues, and subscriptions.	\$9,600	N/A	\$0	\$9,600		
TOTAL	\$48,000		\$15,055	\$63,055		
<i>If project is to be implemented in phases, please separate budget into each phase. Indirect costs may not be counted as match.</i>						

Attachment A: One Truckee River Fund Grant History

Note: In 2020, One Truckee River transitioned to its long-term home, the 501 (3) nonprofit, Truckee River Foundation from the fiscal agent Nevada Land Trust.

Funding to Truckee River Foundation DBA One Truckee River	
Date Awarded:	March 17, 2021
Project Title:	One Truckee River Partnership and engagement with the public
Amount of Award:	\$196,590
Funding to One Truckee River through the fiscal agent Nevada Land Trust	
Date Awarded:	August 13, 2020
Project Title:	TRF #235 - One Truckee River Overall Support and Restroom Attendant
Amount of Award:	\$74,293
Date Awarded:	August 16, 2019
Project Title:	TRF #221: River Restroom Project
Amount of Award:	\$124,976
Date Awarded:	March 22, 2017
Project Title:	TRF #188: One Truckee River – Phase 1 Action
Amount of Award:	\$256,220
Date Awarded:	September 23, 2016
Project Title:	TRF #180: One Truckee River – Phase 1 Implementation
Amount of Award:	\$98,534
Date Awarded:	March 21, 2012
Project Title:	TRF #104: Washoe Drive Fire Stabilization and Restoration Effort
Amount of Award:	\$115,000
Date Awarded:	December 12, 2011
Project Title:	TRF #99: Caughlin Fire Emergency Watershed Stabilization & Restoration Effort
Amount of Award:	\$219,856
Date Awarded:	October 11, 2011
Project Title:	TRF #90: Weed Treatments & Revegetation, Truckee River & Tributaries
Amount of Award:	\$127,500
Date Awarded:	July 21, 2009
Project Title:	TRF #70: Weed Treatments & Revegetation, Truckee River & Tributaries
Amount of Award:	\$125,000
Date Awarded:	July 21, 2009
Project Title:	TRF #66: Scope of Work for Truckee River Ecosystem Restoration Coordination, Creation of a Five-Year Weed Control and Restoration Plan for the Truckee River
Amount of Award:	\$10,000
Date Awarded:	July 17, 2008
Project Title:	TRF #46: Weed Treatments & Revegetation, Truckee River & Tributaries
Amount of Award:	\$112,500



July 29, 2021

Truckee River Fund
Attn: Janet Phillips
50 Washington Street, Suite 300
Reno, NV 89503

RE: One Truckee River River-Friendly Landscaping Program Expansion

Dear Ms. Phillips and Truckee River Fund Advisory Committee,

The purpose of this letter is to express my support, as the City of Reno Stormwater Management Program manager, for the One Truckee River's (OTR) River-Friendly Landscaping Program Expansion proposal. Public Works Environmental Engineering staff have been actively collaborating with OTR consultant Carrie Jensen, Urban Ecology Solutions LLC, in developing a maintenance landscape training curriculum for homeowner associations throughout the Truckee Meadows.

We view this program as an important element of ongoing region wide efforts by multiple stakeholders to protect the Truckee River. It fits seamlessly with the City of Reno's responsibilities of implementing program elements detailed in the Truckee Meadows Stormwater Management Program including stakeholder coordination, watershed management, public education and outreach and low impact development.

We look forward to continued collaboration with OTR in protecting the Truckee River watershed.

Sincerely,

A handwritten signature in black ink, appearing to read "Theresa Jones". The signature is fluid and cursive, with a large, sweeping "J" and "S".

Theresa Jones, MSc, PE
Stormwater Management Program Manager



Cover Sheet

Date: July 30, 2021

Organization Name:	Truckee River Foundation DBA One Truckee River		
Type:	501(c)(3) EIN# 20-3378838	Governmental entity? N	
Address:	P.O. Box 18153, Reno, NV 89511		
Project Name:	One Truckee River Brodhead Park Restoration Project: Phase 1		
Amount requested: \$69,724	Website: www.onetruckeeriver.org		
This funding will be used to (complete this sentence with a max of 2 sentences):	One Truckee River (OTR) will: 1) Plan and coordinate a riparian restoration Project at Brodhead Park, along a segment of the mainstem Truckee River; and 2) streamline planning and implementation of future restoration Projects within the urban core of the Truckee River (within NV) supporting OTR Vegetation Management Master Planning effort.		
Key People:	Director:	Iris Jehle-Peppard	
	Board Chair:	Lynn Zonge	
	Project Contact:	Name:	Iris Jehle-Peppard
		Position:	Executive Director
		Phone:	775-450-5489
		Fax:	775-851-5182
		Email:	iris@onetruckeeriver.org
Organization Mission:	OTR's mission is to ensure a healthy, thriving, sustainable river connected to the hearts and minds of its community.		
Has your organization received other grants from the Truckee River Fund? Yes, X No (use additional page if necessary)	See Attachment		

DESCRIPTION OF PROJECT UNDER CONSIDERATION

Indicate the description that best fits the Project you are proposing. Mark no more than three categories:

- ☒ A. Projects that improve bank or channel stabilization and decrease erosion.
- ☐ B. Structural controls or Low Impact Development (LID) Projects on tributaries and drainages to the Truckee River where data supports evidence of pollution and/or sediments entering the Truckee River.
- ☐ C. Projects 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.¹
- ☒ E. Other Projects that meet the evaluation criteria.

¹ For proposals related to weed control/eradication, contact Lauren Renda at the Community Foundation of Northern Nevada for additional criteria. lrenda@nevadafund.org; 775-333-5499.



1. **Project goals and measurable outcomes and how you will measure and report them.**

One Truckee River's (OTR's) proposed Brodhead Park Restoration Project: Phase 1 (the Project) will plan a restoration Project at Brodhead Park (park) that will address critical issues facing the Truckee River, including impaired water quality (total dissolved solids [TDS] and temperature), erosion, wildlife habitat needs, and hydrological resiliency. Goals and outcomes are aimed at addressing specific needs for the park and will also inform the overall OTR-coordinated Vegetation Management Master Planning effort underway that is funded by Bureau of Reclamation (BOR) and administrated by Nevada Land Trust (NLT). Lessons learned through the proposed Project will have far-reaching implications and benefits for future restoration projects along the mainstem of the Truckee River within Nevada (NV). The Project will further improve the physical environment at the park, supporting the OTR River Restroom Project and Washoe County/Karma Box Project River Stewards Program efforts underway at and nearby the park.

Project Goal 1: Plan and coordinate a riparian restoration Project at the park.

Goal 1 Measurable Outcomes (future Project phases will accomplish additional outcomes):

Outcome 1a: Develop a conceptual design and restoration plan for vegetation establishment and bank stabilization at the park that will require minimal maintenance.

Outcomes 1b: Develop a preliminary implementation plan (document) that identifies partners who can provide labor, materials, and resources for implementation of restoration at the park.

Project Goal 2: Streamline planning and implementation of future restoration projects within the urban core of the Truckee River, in support the current coordinated OTR Vegetation Management Master Planning effort.

Goal 2 Measurable Outcomes (future Project phases will accomplish additional outcomes):

Outcomes 2a: Identify permits and approvals necessary to implement the conceptual restoration design for the park (developed through Outcome 1a), which would directly apply to planning and implementing future Truckee River restoration projects within NV in the urban core.

Outcome 2b: Work with state/local municipalities and other regulatory agencies to develop a conceptual restoration design for the park that minimizes permitting requirements; for example, OTR will work with the Carson-Truckee Water Conservancy District (CTWCD) to develop a restoration design (including vegetation species and bank stabilization measures) that does not trigger a Clean Water Act 404/408 permit. These restoration design solutions for the park would significantly streamline Project approvals and costs for permitting and implementation this Project and future restoration projects in NV.

Outcome 2c. Engage local residents from the neighborhood near the park to solicit input on recreational use of the area. The public engagement will build excitement and community ownership of the park, setting the stage for volunteer engagement, increased care, and community oversight on future restoration and maintenance.

2. **Project location.** Brodhead Park in Reno, NV

3. **Project description:** OTR is proposing to plan a pilot restoration Project at Brodhead Park (see *Attachment A*), which directly complements the OTR Vegetation Management Master Planning effort that is aimed at developing a Framework Vegetation Management and Restoration Plan (Framework Plan) for the urban stretch of the Truckee River, within the Reno-Sparks urban core of NV. In conjunction with development of the Framework Plan, OTR's contractors (SWCA Environmental Consultants [SWCA] and Resource Concepts, Inc [RCI]) are developing support tools (regulatory matrix, web map tool, vegetation management strategies planning tool, etc.) to assist in development of implementation-level restoration plans. The proposed Project would be the first of many implementation-level plans and complement the master planning effort.

The OTR Vegetation Management Master Planning Steering Committee and the City of Reno collaborated to select Brodhead Park to be the proposed pilot restoration Project (that would complement the Vegetation Master Planning effort) for several reasons. The park is and has been: 1) the first location where a "Portland Loo" was installed as part of the OTR River Restroom Project; 2) an area that the City of Reno Parks and Recreation Department has prioritized for restoration and general park improvements and has in-kind resources to dedicate for restoration implementation; 3) 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; 4) 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; and 5) an area that continues to make sense to focus relevant on-the-ground OTR priority implementation.



The restoration Project will be completed in three phases. **OTR is only applying for grant funding through the Truckee River Fund for Phase 1 (Phases 1a and 1b)** at this time. Details of Phases 1a and 1b are detailed in the sections below. (The cost for Phases 2 and 3 has not been calculated, as the scope of those phases will depend on the outcomes of Phase 1. However, **estimated ranges of costs for Phases 2 and 3 are provided below.**) The three phases for this restoration Project are the following:

- **Phase 1a** will develop a 30% (conceptual) restoration plan, in coordination with OTR and City of Reno, with solicitation of agency input on design ideas and permitting needs and public input on river access.
- **Phase 1b** will include preliminary implementation planning efforts to help identify sources for labor and materials (from OTR's partners) to streamline implementation efforts and costs.
- **Phase 2** will develop a finalized restoration plan at a sufficient level of engineering design to complete a finalized implementation cost estimate and for the Project to go to construction (Phase 3). Phase 2 will also include obtainment of final agency permits/approvals and finalizing sources for labor and materials (in coordination with OTR's partners). The estimated cost is \$42,000 to \$85,000; costs are dependent on the regulatory requirements and design needs identified during Phase 1.
- **Phase 3** will cover the restoration implementation process, including site preparation, installation of channel stabilization/bioengineering materials, installation of plant materials, and labor for installation. The estimated cost is \$45,000 to \$100,000; costs are dependent upon design elements, final permitting requirements, materials/labor provided through the in-kind support, and the outcomes of Phases 1 and 2.

PHASE 1a. 30% RESTORATION PLAN AND AGENCY COORDINATION: Step 1 in this Project will be developing a 30% (conceptual) restoration plan and coordinating with agency representatives to receive input on the plan. OTR will coordinate closely with the City of Reno, as well as relevant agencies such as the CTWCD, to ensure the planning process adequately considers regulatory requirements and the needs of OTR and the City of Reno. OTR will also work with the public to consider river access needs.

Phase 1a-1. Restoration Planning and Kick-off. Part of the first step will include hosting a public outreach event to solicit input and feedback from the local neighborhood on recreational use of the park. This information will be used to inform the conceptual design and trail planning efforts. Outreach to the community will be completed by OTR AmeriCorps staff in coordination with and participation from the City of Reno and OTR's restoration planning team.

Next, OTR and its contractors (SWCA and Wildscape Engineering [Wildscape]) will plan an initial Project kick-off site visit (first site visit) with City of Reno representatives to discuss the vision for restoration at the park. This meeting will cover needs, challenges, and solutions for park restoration; possible plans for controlled recreational river access (including public input solicited during the outreach event); possible resources and funding opportunities for implementation; design features that minimize maintenance; constraints to be considered in plan development; and implementation. After the first kick-off site visit, SWCA and Wildscape will conduct a second site visit at the park to develop conceptual ideas for the draft restoration plan. The team will visit the site and identify possible vegetation species and treatments for the restoration plan, approximate locations for channel stabilization/bioengineering treatment and pedestrian river access, weed treatment needs, and beaver protection needs.

Phase 1a-2. Draft Conceptual Restoration Plan Development and Coordination: Following the second site visit, SWCA and Wildscape will develop the draft conceptual restoration plan. Engineers will use the regulatory hydraulic model and any bank stabilization specifications provided by the CTWCD to develop a design to reduce erosion of the riverbanks. The team will also coordinate closely with the CTWCD and other relevant agencies to ensure the proposed design elements will adhere to permitting restrictions and will not trigger U.S. Army Corps of Engineers (USACE) permitting (such as Clean Water Act 404/408 permits). The draft conceptual restoration plan will also include a Basis of Design Report that details the Project's goal and objectives, design constraints, calculations, and modeling used for the design; locations for vegetation plantings; and areas of pedestrian access. As part of the process, the team will work with OTR to understand and identify an approach to dissuade camping and foot traffic within the restoration area and incorporate this information in the Basis of Design Report. Also included in the Basis of Design Report will be detailed descriptions of vegetation species to be planted, vegetation management techniques, and any suggested weed treatment. The team will coordinate with the City of Reno regarding its plans for irrigation on the site to ensure the restoration plan is compatible with the City's proposed irrigation approach.



Phase 1a-3. 30% Restoration Plan Development: After the draft design is completed, SWCA and Wildscape will conduct a third site visit to field verify the draft conceptual restoration plan. The draft conceptual restoration plan will be revised based on any needs identified during the third site visit to produce the 30% conceptual restoration plan. The 30% conceptual restoration plan will be submitted to City of Reno, OTR, and CTWCD for review and comments. Within 2 to 3 weeks of submission of the draft conceptual restoration plan, the team will host two separate Design Review Meetings (fourth site visit) at the park with 1) the City of Reno, OTR, and CTWCD, and 2) the local neighborhood and the City of Reno to review and solicit feedback on the 30% conceptual restoration plan. During that site visit, the group will discuss and solidify any necessary changes to the restoration plan's engineering design and/or vegetation planting plans. Any remaining changes to the 30% plan will be addressed in Phase 2.

PHASE 1b. PRELIMINARY IMPLEMENTATION PLANNING: OTR plans to implement restoration at the park through close collaboration and resource sharing with its partners. This cost-effective approach will require tight coordination to ensure all resources (both materials and labor) are secured at the right time. During Phase 1b of the Project, OTR will develop a preliminary implementation plan. This plan will be a technical memorandum (report) that identifies **1) possible sources and costs for planting materials (including plugs, shrubs/trees):** the team will solicit support from state/local agencies to determine if some of these materials may be donated at no cost or provided at a reduced cost; **2) possible sources and cost for bank stabilization materials:** the team will solicit input from agencies that may be able to support the cost these materials; **3) identification of tasks that should be completed manually or using heavy equipment:** possible sources and operators of heavy equipment will be identified, and **4) possible sources of labor to support the effort.**

4. **Grant priorities.** This proposed Project will address the following TRF grant priorities:

II. Watershed Improvements: The Project will create an implementable restoration plan that will address critical water quality issues along the urban stretch of the Truckee River in Nevada. The final restoration plan for the park will be directly implementable and address impaired water quality (TDS, temperature) within an impaired section of the Truckee River. Establishment of riparian vegetation and bank stabilization implemented in this Project will reduce erosion (and TDS). Increased river shading will address elevated water temperature and increase hydrological resiliency.

III. Local Stormwater Improvements: The Project will develop a restoration plan to establish riparian vegetation along the urban stretch of the Truckee River. The restoration plan for the park will identify vegetation species and bank stabilization measures that increase infiltration and capture stormwater runoff (and associated non-point source pollution) within the Project area, which will also inform future projects.

IV. Re-Forestation and Re-Vegetation Projects: The Project will develop and implement a restoration plan that establishes riparian trees and groundcover along the urban stretch of the Truckee River. The proposed restoration plan for the park will increase riparian forest health along the urban stretch of the river. Healthy riparian vegetation provides shade supporting increased resilience to wildfire, and wildlife habitat.

VI. Stewardship and Environmental Awareness: During all Project phases (including restoration implementation), OTR will engage with the local community to build stakeholders in the neighborhood to support the Project after implementation. Phase 1a will solicit input from the community on river access. Future implementation will engage the public through volunteer activities and outreach with local residents.

VII. Meet Multiple Objectives: This proposed Project addresses multiple goals and objectives from OTR Management Plan (OTRM Plan) and associated prioritized action items that align with TRF's funding priorities. This Project addresses **OTRM Plan Goal 1:** Ensure and protect water quality and ecosystem health in the Truckee River; **OTRM Plan Objective 1.4:** Create a rich and diverse vegetative ecosystem; **OTRM Plan Objective 1.4.b:** Create an approved vegetative species list to increase biodiversity and shading on lands along the Truckee River; and **OTRM Plan Objective 1.4.c:** Develop and implement a coordinated vegetation management plan along the river corridor.

VIII. Leverage Stakeholder Assets and Participation: The proposed restoration plan complements the development of the Framework Vegetation Management and Restoration Plan and associated tools. OTR's vision for the Framework Plan (being implemented through the BOR WaterSMART grant Project) is to create a document that is a "cookbook" for planning implementable restoration plans. By developing this pilot restoration implementation plan and executing that plan, the Project team will be able to test out "recipes" to ensure the Framework Plan and tools are effective. **This planning effort will capitalize on and grow**

existing partnerships. Through the OTR Framework Vegetation Management and Restoration Plan development effort, OTR has formed a vegetation management technical working group (TWG), which includes federal/local government, agency, non-profit, private industry, and local resident representatives. This group is working to identify opportunities to share resources and seek funding to plan and implement restoration projects along the urban stretch of the Truckee River. **This proposed Project will leverage OTR's existing vegetation management planning efforts.** As a pilot Project, this effort will allow troubleshooting of restoration planning and implementation challenges, so that land managers can more quickly, easily, and cost-effectively execute future projects along the urban stretch of the Truckee River. Completing this pilot Project in tandem with the Framework Plan development will ensure the Framework Plan is as impactful as possible and will serve as a catalyst for future restoration projects.

5. **Permitting.** No permitting will be completed during this phase of the Project, but permitting is planned for Phase 2; however, OTR and its contractors will coordinate closely with the CTWCD and other relevant agencies to ensure the proposed restoration design will adhere to permitting restrictions and will work to avoid triggering USACE permitting (such as Clean Water Act 404/408 permits).
6. **Future land use.** No zoning, land use, or development are expected to affect this proposed Project.
7. **Future phases.** Phases 2 and 3 will be completed at a future date (see #11). Possible sources of support include 1) in-kind resources from City of Reno, 2) AmeriCorps staffing in collaboration with the Truckee Meadows Parks Foundation (TMPF), 3) competitive grant funding through the CTWCD, 4) in-kind staff hours from SWCA, 5) volunteer hours, and 6) other sources of grant funding working to be identified by the OTR Proposal Writing Team.
8. **Principals involved.** Iris Jehle-Peppard, OTR Executive Director, under the supervision of the OTR Board Member Mandy Bengtson, SWCA Environmental Consultants, under the supervision of the OTR Executive Director.
9. **Number of staff positions involved** in Project: Fulltime **0** Part-time **14**. Note, Project Phases 1a and 1b will involve two contractors (SWCA and Wildscape Engineering) to implement the Project.
10. **Volunteers involved.** No volunteers will be needed at this stage in the Project; however, OTR will work to gain local residents time for input and volunteer support needed during future phases of the Project.
11. **Timeline**

Timeline for the proposed Project, Phase 1	
Milestone	Timeline
Phase 1a: 30% Restoration Plan and Agency Coordination	Nov 2021 to July 2022
1.a-1. Restoration Planning and Kick-off	Nov 2021 to Jan 2022
1.a-2. Draft Conceptual Restoration Plan Development & Coordination	Jan 2022 to May 2022
1.a-3. 30% Restoration Plan Development	Completed by July 2022
Phase 1b. Preliminary Implementation Planning	Completed by July 2022
Future Funding Cycle (roughly Projected)	
Phase 2. Final Restoration Plan and Implementation Planning (including permitting)	Aug 2022 to Nov 2022
Phase 3. Restoration Implementation	Dec 2022 to March 2023

12. **Success.** Short-term success will be evident if OTR meets the measurable outcomes for each goal, as detailed in question #1. When Phase 3 of the Project has been completed, long-term success will be met if the water quality in the Truckee River is improved. This, however, will take longer to assess because water quality data are often highly variable due to innumerable factors.
13. **Collaboration.** The Project will involve direct collaboration with the OTR Vegetation Management Master Planning effort, which includes coordination with the Project's Technical Working Group, comprised of 17 agencies including (but not all listed): *City of Reno, City of Sparks, Washoe County, Nevada Division of Forestry, CTWCD, Truckee River Flood Management Authority, Nevada Division of State Lands, Nevada Division of Wildlife, Truckee Meadows Parks Foundation, The Nature Conservancy, Great Basin Institute*, and a private citizen representative. This Project will also coordinate in planning efforts with regulatory agencies, including CTWCD, Nevada Division of State Lands, USACE, etc.



14. Grant match.

Match provided:		\$25,141				
Match details:	Cash	\$17,431 out of \$99,989 awarded from BOR				
	In-kind	\$7,710 Note: Volunteer and in-kind hours may be calculated at a maximum rate of \$20/hour per individual. Indirect cost may not be counted as match.				
	For the cash portion of your match, is the funding already being held by the applicant for this Project? Yes X					
Description of matching funds/in-kind donations:	<ul style="list-style-type: none">OTR under NLT received a BOR WaterSMART grant (\$99,989, cash) to develop a Framework Vegetation Management and Restoration Plan for the urban stretch of the Truckee River. The Framework Plan will be used to inform the pilot restoration plan development for this proposed Project. Likewise, this pilot will complement the Framework Plan by testing out approaches and techniques before the Framework Plan is finalized. The pilot Project will develop approaches that fit within the regulatory constraints of this section of the river (thus avoiding timely/costly permitting) that will streamline future efforts.OTR directed its TMPF AmeriCorps (225 hours) to lead the public outreach efforts. The value of the AmeriCorps staff person labor would be \$3,768 (in-kind).SWCA has reduced its standard labor rates and subcontractor mark-up fees for this proposed Project, at a value of \$3,942 (in-kind).					
OTR BROADHEAD PARK RESTORATION PROJECT: PHASE 1 BUDGET			REIMBURSEMENT REPORT			
Budget Item Description	TRF \$	Other Funding Name	Match \$	Total	Expenditures to date TRF	Expenditures to date (other)
OTR ED time to supervise the Project (36 hrs. of oversight)	\$2,693			\$2,693		
Phase 1a. Restoration Plan Development (SWCA Environmental Consultants)	\$26,242	SWCA Rate reductions	\$3,578	\$29,820		
Phase 1a. Engineering Design (Wildscape Engineering)	\$23,650		\$0	\$23,650		
Phase 1a. Community Outreach (OTR)	\$0	AmeriCorps (TMPF)	\$3,768	\$3,768		
Phase 1b. Preliminary Implementation Planning (SWCA)	\$2,594	SWCA Rate Reductions	\$364	\$2,958		
Phase 1b. Preliminary Implementation Planning (Wildscape Engineering)	\$600		\$0	\$600		
Development of Framework Vegetation Management Plan and Tools (NLT)	\$0	US BOR Grant	\$17,431	\$17,431		
In-direct Expenses at 25% including printing and reproductions, postage, office supplies, payroll services, insurance, telecommunications, utilities, dues, and subscriptions.	\$13,945	N/A	\$0	\$13,945		
TOTAL	\$69,724		\$25,141	\$94,865		



COMMUNITY
FOUNDATION
of Northern Nevada

TRUCKEE RIVER FUND
Enhancing and protecting our water resources

09-15-21 BOARD Agenda Item 8
08-20-21 TRF Agenda Item 6
TRUCKEE MEADOWS WATER AUTHORITY
Quality. Delivered.
#251

Attachment A. Project Location Map

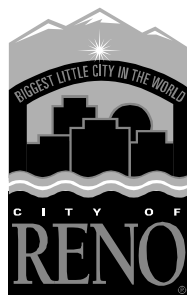


Attachment A: One Truckee River Fund Grant History

Note: In 2020, One Truckee River transitioned to its long-term home, the 501 (3) nonprofit, Truckee River Foundation from the fiscal agent Nevada Land Trust.

Funding to Truckee River Foundation DBA One Truckee River	
Date Awarded:	March 17, 2021
Project Title:	One Truckee River Partnership and engagement with the public
Amount of Award:	\$196,590
Funding to One Truckee River through the fiscal agent Nevada Land Trust	
Date Awarded:	August 13, 2020
Project Title:	TRF #235 - One Truckee River Overall Support and Restroom Attendant
Amount of Award:	\$74,293
Date Awarded:	August 16, 2019
Project Title:	TRF #221: River Restroom Project
Amount of Award:	\$124,976
Date Awarded:	March 22, 2017
Project Title:	TRF #188: One Truckee River – Phase 1 Action
Amount of Award:	\$256,220
Date Awarded:	September 23, 2016
Project Title:	TRF #180: One Truckee River – Phase 1 Implementation
Amount of Award:	\$98,534
Date Awarded:	March 21, 2012
Project Title:	TRF #104: Washoe Drive Fire Stabilization and Restoration Effort
Amount of Award:	\$115,000
Date Awarded:	December 12, 2011
Project Title:	TRF #99: Caughlin Fire Emergency Watershed Stabilization & Restoration Effort
Amount of Award:	\$219,856
Date Awarded:	October 11, 2011
Project Title:	TRF #90: Weed Treatments & Revegetation, Truckee River & Tributaries
Amount of Award:	\$127,500
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Project Title:	TRF #70: Weed Treatments & Revegetation, Truckee River & Tributaries
Amount of Award:	\$125,000
Date Awarded:	July 21, 2009
Project Title:	TRF #66: Scope of Work for Truckee River Ecosystem Restoration Coordination, Creation of a Five-Year Weed Control and Restoration Plan for the Truckee River
Amount of Award:	\$10,000
Date Awarded:	July 17, 2008
Project Title:	TRF #46: Weed Treatments & Revegetation, Truckee River & Tributaries
Amount of Award:	\$112,500

July 24, 2021



Community Foundation of Northern Nevada - Truckee River Fund

Att: Lauren Renda

50 Washington St. 300

Reno, NV 89503

RE: Truckee River Fund – Support for One Truckee River (OTR) Brodhead Park Restoration Project: Phase 1 Grant Proposal

Dear Ms. Renda and the Truckee River Fund:

The City of Reno Parks and Recreation Department is a member of the One Truckee River (OTR) Partnership Council and has been an integral partner in the development of the One Truckee River Management Plan, OTR River Restroom Project, and we are an active member of the newly launched OTR Vegetation Management Master Planning effort. I am in support of the proposed OTR Brodhead Park Restoration Project: Phase 1. More improvement efforts at Brodhead Park will improve the quality of life for local residents and support protecting the Truckee River.

The City of Reno Parks and Recreation Department has prioritized restoration and general park improvements and has in-kind resources to dedicate for restoration implementation for the proposed project.

Sincerely,

A handwritten signature in black ink, appearing to read "Jaime Schroeder", with a long, sweeping horizontal line extending to the right.

Jaime Schroeder, MBA, CPRP, AFO

Director

(775) 657-4653



2021 Fall Proposal to the Truckee River Fund

Organization Name:	Keep Truckee Meadows Beautiful																														
Type:	501(c)(3) EIN# 88-0254957	Governmental entity? No																													
Address:	P.O Box 7412 Reno, NV 89510																														
Project Name:	KTMB's 2022 Great Community Cleanup, Truckee River Cleanup, Adopt-A-River Program, & Adult and Community Education Program																														
Amount requested: \$82,880	Website: www.ktmb.org																														
This funding will be used to	Funds requested in this proposal will support the following efforts in KTMB's 2022 calendar year: removing invasive weeds and trash along the Truckee River corridor tributaries during KTMB's Great Community Cleanup and Truckee River Cleanup; monitoring the impact of KTMB cleanup efforts; engaging year-round cleanup support through KTMB's Adopt-A-River program, and providing community education and outreach to decrease environmental threats to the Truckee River.																														
Key People:	<table border="1"> <tr> <td>Director:</td> <td colspan="3">Mark Cameron, Executive Director</td> </tr> <tr> <td>Board Chair:</td> <td colspan="3">Tim Crowley, President</td> </tr> <tr> <td>Project Contact:</td> <td>Name:</td> <td colspan="2">Laura Szoke</td> </tr> <tr> <td></td> <td>Position:</td> <td colspan="2">Development Manager</td> </tr> <tr> <td></td> <td>Phone:</td> <td colspan="2">775-851-5185</td> </tr> <tr> <td></td> <td>Fax:</td> <td colspan="2">N/A</td> </tr> <tr> <td></td> <td>Email:</td> <td colspan="2">laura@ktmb.org</td> </tr> </table>			Director:	Mark Cameron, Executive Director			Board Chair:	Tim Crowley, President			Project Contact:	Name:	Laura Szoke			Position:	Development Manager			Phone:	775-851-5185			Fax:	N/A			Email:	laura@ktmb.org	
Director:	Mark Cameron, Executive Director																														
Board Chair:	Tim Crowley, President																														
Project Contact:	Name:	Laura Szoke																													
	Position:	Development Manager																													
	Phone:	775-851-5185																													
	Fax:	N/A																													
	Email:	laura@ktmb.org																													
Organization Mission:	Keep Truckee Meadows Beautiful (KTMB) is a 501(c)3 nonprofit dedicated to creating a more sustainable and beautiful region through waste reduction, education, and active community involvement.																														
Has your organization received other grants from the Truckee River Fund? Yes <input checked="" type="checkbox"/> (Attached in additional page)																															

DESCRIPTION OF PROJECT UNDER CONSIDERATION

Indicate the description that best fits the project you are proposing. Mark no more than three categories:

- ☒ C. Projects 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.

NARRATIVE REQUIREMENTS

- Specific project goals and measurable outcomes and how you will measure and report them:** Keep Truckee Meadows Beautiful (KTMB) is a 501(c)3 nonprofit that has been dedicated to creating a more sustainable and beautiful region for 32 years. KTMB believes in improving the quality of life for all who live in and visit the Truckee Meadows and accomplishes this through waste reduction and beautification, adult and youth education, and active community involvement. KTMB respectfully requests continued funding in 2022 to accomplish four specific project goals: remove invasive weeds and trash from the Truckee River Watershed during KTMB's Great Community Cleanup and Truckee River Cleanup; monitor the impacts of KTMB cleanup efforts; engage year-round cleanup support through KTMB's Adopt-A-River program; and provide community education and outreach to decrease environmental threats to the Truckee River. As a result, KTMB will build strategic partnerships that protect and conserve the Truckee River, expand thriving litter and invasive weed removal projects throughout the watershed, and educate residents on steps they can take to protect our water. The measurable outcomes of this project are detailed below.

Great Community Cleanup (GCC) - Spring 2022

- Engage a minimum of 700 volunteers to participate in litter clean up and weed removal efforts at the event;
- Of those 700 volunteers, recruit and coordinate a minimum of 125 volunteers to pull invasive weeds at weed sites;
- Remove 15-20 tons of trash, invasive weeds, and green waste from the Truckee River watershed;
- Provide invasive weed, recycling and litter-reduction education to volunteers at Great Community Cleanup sites and the post-cleanup Volunteer Picnic to educate participants on being "Zero Waste." The event should be as close to "Zero Waste" as possible, with a picnic and zero waste efforts still in line with current public health and safety guidelines in place at the time of the event;
- Involve a minimum of 100 youth volunteers through new and existing youth program partnerships;
- Survey volunteers participating in weed-related projects and analyze results to determine the success and impact of the event;



- Work with partners to identify and target a minimum of six invasive weed "hot spots" along Truckee River tributaries for weed removal and native plant restoration;
- Support accurate mapping of invasive weed zones as tracked by the Washoe Storey Cooperative Weed Management Authority (WSCWMA);
- Enhance event marketing and outreach efforts with Adopt-A-River groups to increase their participation in the 2022 Great Community Cleanup;

Truckee River Cleanup (TRC) – Fall 2022

- Engage a minimum of 600 volunteers to participate in a river clean up, storm drain stenciling, and weed removal;
- Remove 15-20 tons of trash, green waste, and invasive weeds from the Truckee River corridor and adjacent watershed at cleanup locations from Verdi to Lockwood;
- Involve a minimum of 100 youth volunteers through new and existing youth program partnerships;
- Work with park and natural area staff to identify and wrap trees as needed along the river corridor;
- Provide invasive weed, recycling and litter-reduction education to volunteers at Great Community Cleanup sites and the post-cleanup Volunteer Picnic to educate participants on being "Zero Waste." The event should be as close to "Zero Waste" as possible, with a picnic and zero waste efforts still in line with current public health and safety guidelines in place at the time of the event;
- Maximize resources and community awareness efforts by stenciling a minimum of 100 storm drains in conjunction with the City of Reno (as all drains flow to the river!);
- Survey event participants and compile analyzed results to determine the success and impact of the event;
- Host 20 "on the river" volunteers including kayakers, fly-fishers, and WET team Emergency Response personnel to remove debris from within the river;
- Spread Christmas tree mulch for soil erosion projects and to inhibit weed growth.
- Remove graffiti as needed.

Adopt-A-River 2022

- In response to the changing conditions of the Truckee River associated with our growing community, KTMB will work with municipal partners to update KTMB's annual Litter Index Survey and dedicate a section completely to the Truckee River corridor. Survey results will help KTMB staff identify areas that need adoption;
- The Adopt-A-River program will also include a Litter Survey before each cleanup. Areas are rated based on a scale of 1-4: 1, meaning "virtually no litter"; and 4, indicating "major illegal dump site". These surveys will show the impact of the Adopt-A-River program;
- Recruit and retain adopters and volunteers to be stewards of river corridor and watershed areas;
- Conduct a minimum of 15 river-specific cleanups through the Adopt-A-Spot Program;
- Engage 150 volunteers in river-related cleanup efforts;
- Remove 5 tons of invasive weeds and trash from the Truckee River corridor.

Adult and Community Education 2022

- Communicate the negative impacts non-point source pollutants have on our local watershed in order to enhance water quality and conserve water resources;
- KTMB will convey the importance of preserving our natural ecosystem and native plant species, and keeping invasive and noxious weeds from spreading as they can contribute to intense fires in the summer and are a health risk to humans and our wildlife;
- KTMB will coordinate "River Walks" as an educational and outreach effort along the river corridor;
- KTMB will conduct a minimum of 20 Community and Adult education presentations about our watershed, invasive weeds, and litter topics to reach a minimum of 500 community members from local businesses, organizations, community groups, etc.;
- Expand stewardship and environmental awareness by conducting 2 teacher trainings with educators who can implement and use KTMB's Waste, Watershed, and Weed Warriors lessons in their classrooms;
- Promote ecological literacy and environmental stewardship messaging using digital outreach.

2. **Project location:** The Great Community Cleanup (GCC), Truckee River Cleanup (TRC), and Adopt-A-River cleanups are conducted throughout the Truckee River Watershed at locations along the river corridor and tributaries. Educational programs will be conducted at locations throughout the Truckee Meadows. KTMB will work with local municipalities and watershed experts to determine storm drain stenciling locations for the 2022 TRC.



- 3. Project description:** 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.

KTMB's Annual Great Community Cleanup & Truckee River Cleanup will:

- Engage volunteers to remove invasive weeds and litter pollution at several hot spots along the Truckee River and its tributaries, as identified by weed experts at the WSCWMA, municipal partners, and KTMB's Litter Index Survey;
- Provide educational messaging and public service announcements in the community about environmental threats to the Truckee River and responsible river recreation and usage;
- Present Weed, Waste, and Watershed Warriors education with City and County officials, neighborhood and community groups, churches, recreation/outdoor groups, city council and county commissioners, service organizations, business partners, and K-12 students and teachers, as well as provide on-site educational opportunities along the river and in Idlewild Park's Sensory Garden.

KTMB's Adult and Community Education program will:

- Present Weed, Waste, and Watershed Warriors education with City and County officials, neighborhood and community groups, churches, recreation/outdoor groups, city council and county commissioners, service organizations, business partners, and K-12 students and teachers, as well as provide on-site educational opportunities along the river and in Idlewild Park's Sensory Garden;
- Coordinate "River Walks" as an educational outreach effort along the river corridor;
- Continue community outreach through social and traditional multi-media outlets with messaging related to the environmental health of the river and individual stewardship opportunities to reduce negative impacts from non-point source pollutants, improve water quality, and enhance water conservation;
- Convey the importance of preserving our natural ecosystem and native plant species and keeping invasive and noxious weeds from spreading as they can contribute to intense fires in the summer and are a health risk to humans and our wildlife.

KTMB's Adopt-A-River program will:

- Recruit new volunteers and managing existing volunteers to conduct cleanups along the Truckee River;
- Work with WSCWMA and local municipalities to monitor river invasive weed and litter hotspots;
- Continue to conduct an annual Litter Index Survey to evaluate current river corridor cleanliness.

- 4. Grant priorities:** If funding is awarded, KTMB will support the following TRF Grant Priorities: V, VI, VII, VIII.

V: Support to Rehabilitation of Local Tributary Creeks and Drainage Courses - KTMB will support water quality improvement of local tributary creeks and drainage courses through the GCC, TRC, and Adopt-A-River cleanup programs. These events will engage hundreds of volunteers to remove many tons of litter and green waste from many locations along the Truckee River Corridor and greater watershed.

VI: Stewardship and Environmental Awareness - This project will raise environmental awareness about water, water quality, and watershed protection by utilizing multi-media resources and educational/community presentations to educate residents and visitors about the importance of maintaining a healthy river; how noxious weeds negatively affect native plant communities; and how litter and pollution are harmful to humans, wildlife, and the local environment and economy.

VII: Meet Multiple Objectives - This project meets multiple TRF objectives because it will remove pollution and invasive weeds from our water through cleanups and beautification projects, increase the community's ecological literacy about water quality and conservation through messaging and education, and promote volunteerism to increase environmental stewardship.

VIII: Leverage Stakeholder Assets and Participation - KTMB will collaborate with numerous municipalities, businesses, community groups, and partners to complete the cleanup and education projects proposed. Project sites and activities



along the river will be identified by KTMB and local experts and completed with planning and day-of support from partners to ensure effective programming. Together, KTMB and partners will create a cleaner community while saving taxpayer dollars.

KTMB's 2022 Great Community Cleanup, Truckee River Cleanup, and Adopt-A-River program will also support the following One Truckee River Management Plan objectives (see attached document for description): 2.1.b, 2.3.j, 2.5.b, 3.3.h, 3.4.b, 3.4.c, 3.4.e, 3.4.f.

KTMB's Adult and Community Education efforts will also support the following One Truckee River Management Plan objectives (see attached document for description): 1.3.b, 2.1.j, 3.2.d, 3.2.f, 3.3.b, 3.3.e, 3.3.h.

5. **Permitting:** Since 2005, the only permits required for KTMB's Truckee River Cleanup and Great Community Cleanup are health department permits for the post-event volunteer picnic. With support from KTMB partner, Washoe County Health District (WCHD), these permits will be obtained without challenges prior to each event date. No permits are required for educational events or cleanups, though all gatherings will be held in accordance with WCHD health and safety recommendations.
6. **Future land use. List any known or foreseeable zoning, land use, or development plans that may affect your proposed project:** There are no known or foreseeable zoning, land use or development plans that may affect this project.
7. **If future phases of the project will be needed, identify anticipated sources of funding:** The Truckee River Fund's annual support of KTMB's Great Community Cleanup and Truckee River Cleanup assists in maintaining the health of the Truckee River and its greater watershed. It provides opportunities for KTMB to engage partner agencies, municipalities, community groups, foundations, businesses, and local residents in water quality stewardship and education, and to leverage in-kind support and funding from other sources. KTMB works very closely with One Truckee River to provide the leadership necessary to complete Phase 1 of the One Truckee River Management Plan: to build the partnerships, fundraising mechanisms, fundable projects and capacity to address not only the symptoms of Truckee River health (weeds, litter, and nonpoint pollution runoff) but also the underlying problems (education, environmental awareness, and civic participation and stewardship) community-wide. If awarded, TRF funding will enhance KTMB's ability to achieve these objectives. KTMB's development team will also continue to pursue new and diverse sources of income to support these programs now and in the future.
8. **Principals involved in leading or coordinating the project or activity:** KTMB is the principal coordinating agency for managing this project's planning, implementation, and evaluation, as well as volunteer recruitment and coordination.
9. **Number of staff positions involved in the project:** Eight Part-Time Staff
10. **Number of volunteers involved in the project and an estimated number of volunteer hours.**
Great Community Cleanup: 700 - 800 volunteers; 2,800 - 3,200 estimated volunteer hours
Truckee River Cleanup: 600 - 700 volunteers; 1,800 - 2,100 estimated volunteer hours
Adopt-A-River: 150 - 250 volunteers; 375 - 625 estimated volunteer hours
TOTAL: 1,450 - 1,750 VOLUNTEERS; 4,975 - 5,925 ESTIMATED VOLUNTEER HOURS
11. **Time Line of Project:** *Below is a general timeline KTMB staff follows for each program activity detailed in this proposal. This funding will cover the calendar year 2022.*

GCC 2022 Timeline:

Winter: Meet with project partners to identify GCC locations and plan GCC event logistics.

Spring: Survey length of Truckee River on a four-point scale and create data points. Recruit volunteers. Implement GCC in May.

Spring/Summer: Compile survey data from GCC weed pull projects and re-survey. Begin planning for fall TRC.

TRC 2022 Timeline:

Spring/Summer: Compile survey data from the spring GCC weed pull and waste removal and re-survey sites for cleanliness. Plan TRC event.

Fall/Winter: Hold Fall TRC and re-survey the length of the river for cleanliness.

**Adopt-A-River Timeline:**

Winter: Compile and review information on existing sites and existing volunteer groups.

Spring/Summer: Outreach and volunteer recruitment and management to conduct cleanups along the river corridor.

Community Outreach Timeline:

Spring/Summer: Create an outreach plan to engage more residents on river-related topics through presentations, river tours, and media outreach. Schedule and conduct presentations and follow the media outreach plan. Complete first Teacher Training.

Fall/Winter: Schedule and conduct presentations and river tours. Continue outreach. Complete second Teacher Training.

12. Success

The success of KTMB's 2022 Great Community Cleanup will be measured in the following ways:

- 700 community volunteers engaged in trash and invasive weed removal along the Truckee River and its tributaries; minimum of 15 tons of trash and green waste removed from Truckee River Watershed; 100 youth volunteers engaged in watershed stewardship through Truckee River volunteer projects; event participants educated about the Truckee River threats and actions they can take.

The success of KTMB's 2022 Truckee River Cleanup will be measured in the following ways:

- 600 community volunteers engaged in trash and invasive weeds removal along the Truckee River and its tributaries; minimum of 15 tons of trash and green waste removed from Truckee River Watershed; 100 youth volunteers engaged in watershed stewardship through Truckee River volunteer projects; 100 storm drains stenciled; event participants educated about the Truckee River threats and actions they can take.

The success of Adopt-A-River will be measured by:

- Evidence-Based Litter Survey conducted along the length of the river corridor to evaluate cleanup efforts; 15 cleanups performed along the Truckee River corridor throughout the year; 150 community volunteers engaged in trash, invasive weeds, and green waste removal along the Truckee River corridor; 5 tons of invasive weeds and trash removed from the Truckee River corridor.

The success of Adult Education and Community Outreach efforts will be measured by:

- 20 Community and Adult education through in-person and virtual presentations on our watershed, invasive weed and, or litter topics; 500 community members educated; 2 KTMB Teacher Trainings conducted with local educators to incorporate KTMB's Waste, Weed, and Watershed Warriors lessons in their classrooms.

13. Collaboration

KTMB's major cleanup and education efforts collaborate with many local agencies and organizations including: One Truckee River, Washoe County, Washoe County Health District, Washoe County Regional Parks and Open Space, Washoe County Sheriff's Office, City of Reno, City of Sparks, Truckee Meadows Water Authority, Nevada Division of Environmental Protection, Nevada Division of Forestry, Nevada Department of Agriculture, Nevada Department of Wildlife, US Forest Service, Reno-Sparks Indian Colony, Sun Valley GID, Bureau of Land Management, Washoe Storey Cooperative Weed Management Authority, Waste Management, Truckee River Fly Fishers, Sagebrush Chapter of Trout Unlimited, The Nature Conservancy, Friends of Nevada Wilderness, Northern Nevada HOPES, Nevada Land Trust, REI, Patagonia, SWCA, Down to Earth Composting and RT Donovan.

14. Grant match

Match amount to be provided:		\$281,119
Match details:	Please provide the form of your matching funds. If match is made up of both cash and in-kind, fill in both sections.	
	Cash:	\$136,353 (Combination of secured funds and pending/planned requests)
	In-kind:	\$144,766
For the cash portion of your match, is the funding already being held by the applicant for this project? No <u>X</u>		
Description of matching funds/in-kind donations:	<ul style="list-style-type: none"> • Project Partners and in-kind support will provide a minimum of \$40,766 in staff time • KTMB is projecting \$104,000 in volunteer time at a rate of \$20/hour per individual and approximately 1,600 volunteers that will be used as a match. • Approximately \$136,353 in cash support is either secured or being requested from other funding sources. 	

Truckee River Fund - KTMB Project Budget

2022 - Spring Great Community Cleanup, Fall Truckee River Cleanup, Adopt-A-River Program & Adult and Community Education

Budget Item	Description/Justification	TRF Request	Cash & In-Kind Match	Total Cost
Great Community Cleanup 2022				
COORDINATION & IMPLEMENTATION				
Keep Truckee Meadows Beautiful	Project, Partner, and Volunteer Management	\$16,250.00	\$13,000.00	\$29,250.00
Keep Truckee Meadows Beautiful	Mileage	\$250.00	\$0.00	\$250.00
Washoe County Parks	Staff Time, Materials & Equipment	\$0.00	\$3,000.00	\$3,000.00
City of Reno Parks	Staff Time & Equipment	\$0.00	\$1,500.00	\$1,500.00
Friends of NV Wilderness	Staff Time, Materials & Equipment	\$0.00	\$750.00	\$750.00
City of Sparks Parks	Staff Time, Materials & Equipment	\$0.00	\$1,500.00	\$1,500.00
Nevada Department of Wildlife	Staff Time, Materials & Equipment	\$0.00	\$750.00	\$750.00
Reno Sparks Indian Colony	Staff Time, Materials & Equipment	\$0.00	\$1,000.00	\$1,000.00
The Nature Conservancy	Staff Time	\$0.00	\$500.00	\$500.00
Washoe County Sheriffs office	Labor and supervision	\$0.00	\$1,000.00	\$1,000.00
Bureau of Land Management	Staff Time and Supervision	\$0.00	\$1,000.00	\$1,000.00
Sun Valley GID	Staff Time, Materials & Equipment	\$0.00	\$6,500.00	\$6,500.00
Volunteer Hours	700 volunteers x 4 hours x \$20/hour	\$0.00	\$56,000.00	\$56,000.00
Sub-Total		\$16,500.00	\$86,500.00	\$103,000.00
EQUIPMENT & SUPPLIES				
Sani-Huts	United Site Services (4 Sani-huts - \$55/unit, 2 sinks - \$75/unit, damage waivers and delivery fees - \$300)	\$670.00	\$0.00	\$670.00
Dumpsters	Dumpsters vary each cleanup, along with discounts. Budget projects need for 15 dumpsters priced at \$700.	\$3,500.00	\$7,000.00	\$10,500.00
Garbage Bags	for trash removal	\$300.00	\$300.00	\$600.00
KTMB Truck for Site Surveying/Event Implementation	Fuel & Maintenance/Mileage	\$200.00	\$200.00	\$400.00
Trash Pickers	ULINE - 32" (\$6-8/picker)	\$400.00	\$1,100.00	\$1,500.00
Project Supplies	Tools, tree wrap, paint, masks, gloves, etc.	\$750.00	\$1,750.00	\$2,500.00
Project Posters	NV Energy donation 100 posters	\$0.00	\$227.00	\$227.00
First Aid Kits	Some donated, KTMB purchases the rest	\$0.00	\$200.00	\$200.00
Tires Plus	Tire recycling	\$0.00	\$1,000.00	\$1,000.00
Green Waste Composting	\$6/yard - donated by RT Donovan	\$0.00	\$1,080.00	\$1,080.00
Sub-Total		\$5,820.00	\$12,857.00	\$18,677.00
VOLUNTEER COORDINATION				
Event Signage	For way-finding at event	\$100.00	\$100.00	\$200.00
Volunteer appreciation item	Approximately 1,000 items	\$2,000.00	\$2,000.00	\$4,000.00
Health Permit for Picnic	Washoe County Health District	\$200.00	\$0.00	\$200.00
Volunteer Project Leader appreciation item	Approximately 120 items	\$2,000.00	\$400.00	\$2,400.00
Public Education	Radio/TV/PSAs/Post Cards/Bumper Stickers	\$4,500.00	\$4,600.00	\$9,100.00
Zero Waste Supplies	Serving ware, utensils, signage	\$300.00	\$200.00	\$500.00
Volunteer Provisions	Nature's Bakery, KIND, Tahoe Trail Bars, Soda	\$0.00	\$500.00	\$500.00
Volunteer Food & BBQ	Donated in part by Save Mart	\$750.00	\$1,500.00	\$2,250.00
Sub-Total		\$9,850.00	\$9,300.00	\$19,150.00
TOTAL GCC 2022 Request		\$32,170.00	\$108,657.00	\$140,827.00
Truckee River Cleanup 2022				
COORDINATION & IMPLEMENTATION				
Keep Truckee Meadows Beautiful	Project, Partner, and Volunteer Management	\$16,250.00	\$10,000.00	\$26,250.00
Keep Truckee Meadows Beautiful	Mileage	\$250.00	\$0.00	\$250.00
Washoe County Parks	Staff Time, Materials & Equipment	\$0.00	\$3,000.00	\$3,000.00
City of Reno Parks	Staff Time & Equipment	\$0.00	\$1,500.00	\$1,500.00
Reno Fire Dept Water Entry Team	Swiftwater rescue technicians and equipment	\$0.00	\$1,000.00	\$1,000.00
Truckee Meadows Fire Protection District Water Entry Team	Swiftwater rescue technicians and equipment	\$0.00	\$1,000.00	\$1,000.00
Truckee Meadows Watershed Committee	Storm drain stenciling supplies, staff time, education and give-aways	\$0.00	\$4,000.00	\$4,000.00
City of Sparks Parks	Staff Time, Materials & Equipment	\$0.00	\$1,500.00	\$1,500.00

Nevada Department of Wildlife	Staff Time, Materials & Equipment	\$0.00	\$750.00	\$750.00
Reno Sparks Indian Colony	Staff Time, Materials & Equipment	\$0.00	\$1,000.00	\$1,000.00
The Nature Conservancy	Staff Time	\$0.00	\$500.00	\$500.00
Volunteer Hours	700 volunteers x 3 hours x \$20/hour	\$0.00	\$42,000.00	\$42,000.00
Sub-Total		\$16,500.00	\$66,250.00	\$82,750.00
EQUIPMENT & SUPPLIES				
Sani-Huts	United Site Services (3 sanihuts - \$55/unit, 2 sinks - \$75/unit, damage waivers and delivery fees - \$300)	\$615.00	\$0.00	\$615.00
Dumpsters	Dumpsters vary each cleanup, along with discounts. Budget projects need for 15 dumpsters priced at \$700.	\$3,000.00	\$7,500.00	\$10,500.00
Garbage Bags	Large bags for trash removal	\$300.00	\$200.00	\$500.00
RTMB Truck for Site Surveying/Event Implementation	Fuel & Maintenance/Mileage	\$200.00	\$200.00	\$400.00
Trash Pickers	ULINE - 32" (\$6-8/picker)	\$400.00	\$0.00	\$400.00
Project Supplies	Tools, tree wrap, paint, masks, gloves, etc., tool maintenance	\$750.00	\$2,250.00	\$3,000.00
Project Posters	NV Energy donation 100 posters	\$0.00	\$227.00	\$227.00
Green Waste Composting	\$6/yard- donated by RT Donovan	\$0.00	\$1,080.00	\$1,080.00
Sub-Total		\$5,265.00	\$11,457.00	\$16,722.00
VOLUNTEER COORDINATION				
Volunteer Food & BBQ	Supported in part by Savemart	\$750.00	\$1,500.00	\$2,250.00
Event Signage	Signs and banners	\$300.00	\$400.00	\$700.00
Volunteer Appreciation Item	Appx. 1000 items	\$2,000.00	\$2,000.00	\$4,000.00
Health Permit for Picnic	Washoe County Health District	\$200.00	\$0.00	\$200.00
Volunteer Project Leader Thank you	appx 120 items	\$2,000.00	\$2,000.00	\$4,000.00
Public Education	Radio/TV/PSAs/Post Cards/Bumper Stickers - increase in requested amount from 2021's proposal will increase TV PSA's in 2022	\$6,000.00	\$1,500.00	\$7,500.00
Zero Waste Supplies	Serving ware, utensils, signage	\$300.00	\$200.00	\$500.00
Volunteer Provisions	bars, snacks, soda	\$0.00	\$500.00	\$500.00
Sub-Total		\$11,550.00	\$8,100.00	\$19,650.00
Total TRC 2022 Request		\$33,315.00	\$85,807.00	\$119,122.00
Adult Education and Community Outreach				
COORDINATION & IMPLEMENTATION				
Keep Truckee Meadows Beautiful	Project, Partner, and Volunteer Management	\$5,000.00	\$47,000.00	\$52,000.00
Sub-Total		\$5,000.00	\$47,000.00	\$52,000.00
STEWARDSHIP & ENVIRONMENTAL AWARENESS				
Teacher training	2 educational training events with 50 estimated teachers	\$2,545.00	\$4,405.00	\$6,950.00
Sub-Total		\$2,545.00	\$4,405.00	\$6,950.00
Total Education and Outreach Request		\$7,545.00	\$51,405.00	\$58,950.00
Adopt-A-River				
COORDINATION & IMPLEMENTATION				
Keep Truckee Meadows Beautiful	Project, Partner, and Volunteer Management	\$9,750.00	\$29,250.00	\$39,000.00
Mileage	to and from events	\$100.00	\$0.00	\$100.00
Volunteer Hours	200 volunteers x 1.5 hours x \$20/hour	\$0.00	\$6,000.00	\$6,000.00
Total Adopt-A-River Request		\$9,850.00	\$35,250.00	\$45,100.00
TOTAL REQUEST		\$82,880.00	\$281,119.00	\$363,999.00

KTMB Funding Received from the Truckee River Fund

Date Awarded	August 2020
Project title:	TRF #239 2021 Spring Great Community Cleanup, 2021 Fall Truckee River Cleanup, Adopt-A-River & Adult Outreach and Education
Amount of Award:	\$74,245
Date Awarded	August 2019
Project title:	TRF #224 KTMB Cleanup and Weed Removal 2020
Amount of Award:	\$79,245
Date Awarded	February 2019
Project title:	TRF #217 Truckee River Cleanup
Amount of Award:	\$53,000
Date Awarded	August 2018
Project title:	TRF #204 Great Cleanup
Amount of Award:	\$31,640
Date Awarded	August 2017
Project title:	TRF #193 Great Cleanup/River Cleanup
Amount of Award:	\$69,760
Date Awarded	August, 2016
Project title:	TRF #176 Great Cleanup/River Cleanup
Amount of Award:	\$60,625
Date awarded:	October 22, 2016
Project title:	TRF #165 Truckee River Cleanup/Invasive Weed Pull
Amount of Award:	\$48,325
Date awarded:	February, 2015
Project title:	TRF #156 Phase I Truckee River Corridor Management Plan
Amount of Award:	\$90,000
Date awarded:	September, 2014
Project Title:	TRF #154 Invasive Weed Pull & River Cleanup
Amount of Award:	\$46,000
Date awarded:	October 2013
Project Title:	TRF 126: Truckee River Youth Education/Invasive Weed Pull/Cleanup 2014
Amount of Award	\$57,050
Date awarded:	September 2012
Project title:	Truckee River Cleanup 2013
Amount of Award:	\$46,450
Date awarded:	October 2011
Project title:	TRF #89 Truckee River Cleanup 2012
Amount of Award:	\$44,950
Date awarded:	November 2010
Project title:	#82 Truckee River Cleanup May 2011 Invasive Weed Pull and September 2011 Truckee River Cleanup Day
Amount of Award:	\$42,900
Date awarded:	December 2009
Project title:	Invasive Weed Pull May 2010, River Cleanup Sep 2010
Amount of Award:	\$42,050
Date awarded:	February 2009
Project title:	Truckee River Cleanup Day, September 2009
Amount of Award:	\$26,975
Date awarded:	January 2008
Project title:	Truckee River Cleanup Day, September 2008
Amount of Award:	\$25,604.85
Date awarded:	November 2006
Project title:	Truckee River Cleanup Day, September 2007
Amount of Award:	\$24,730
Date awarded:	July 2006
Project title:	Truckee River Cleanup Day, September 2006
Amount of Award:	\$13,175
Date awarded:	December 2005
Project title:	Truckee River Cleanup Day, September 2006
Amount of Award:	\$9,402.50

TRF 239 2022 Proposal
Keep Truckee Meadows Beautiful
Contributions to the One Truckee River Management Plan

KTMB's 2022 Great Community Cleanup, Truckee River Cleanup, and Adopt-A-River program will also support the following One Truckee River Management Plan objectives (see attached document for description):

- 2.1.b – Educate and coordinate with special events personnel to increase special events along less used sections of the river.
- 2.3.j – Work with local community wellness providers to implement a “Healthy River, Healthy People” campaign that will encourage the wellbeing of the Truckee River as well as the residents that live, work, and play along with it.
- 2.5.b – Create public/private partnerships to promote Truckee River beautification.
- 3.3.h – Continue to engage community decision-makers and partners about issues related to the river.
- 3.4.b – Educate the community on Leave No Trace Principles while in and along the river corridor.
- 3.4.c – Increase official presence along the river for stewardship and education of the community.
- 3.4.e – Coordinate and promote stewardship activities for groups such as high-school environmental clubs or community service organizations.
- 3.4.f – Coordinate stewardship activities throughout the river corridor to maximize impact.

KTMB's Adult and Community Education efforts will also support the following One Truckee River Management Plan objectives (see attached document for description):

- 1.3.b – Educate users of the Truckee River on issues impacting water quality.
- 2.1.j – Enhance prevention education and enforcement of anti-littering laws.
- 3.2.d – Create a one-page handout for adults and age-based handouts for children discussing core learning outcomes.
- 3.2.f – Identify and provide access opportunities to “outdoor classrooms” where students can learn along the river.
- 3.3.b – Coordinate a speaker's bureau to hold educational river-based events.
- 3.3.e – Continue to engage the community through interactive social media.
- 3.3.h – Continue to engage community decision-makers and partners about issues related to the river.



Cover Sheet

Date: 07/30/2021

Organization Name:	Washoe County		
Type:	501(c)(3) EIN# 88-6000138	Governmental entity? <input checked="" type="checkbox"/> Yes	
Address:	1001 East Ninth Street Reno, NV 89512		
Project Name:	River Stewards Project		
Amount requested: \$219,164	Website: https://www.washoecounty.us/homelessness/built-for-zero		
This funding will be used to (complete this sentence with a max of 2 sentences):		To improve water quality by reducing the amount of pollution in the urban Truckee River corridor through outreach, education, data collection, river clean-ups, appropriately placed sharps disposal containers and maintenance/ cleaning of Portland Loo(s). This project fills the unique niche of bridging the gap between environmental concerns and homelessness.	
Key People:	Director:	Eric Brown, County Manager	
	Board Chair:	Bob Lucey, Chair, Board of County Commissioners	
	Project Contact:	Name:	Dana Searcy
		Position:	Special Projects and Homeless Services Manager
		Phone:	(775) 399-2005
		Fax:	
		Email:	dsearcy@washoecounty.us
Organization Mission:	Washoe County is dedicated to quality public service, effective communication and integrity, by enhancing the abundant quality of life in northern Nevada.		
Has your organization received other grants from the Truckee River Fund? <input checked="" type="checkbox"/> Yes (use additional page if necessary)	If yes,		
	Date awarded:	September 18, 2020	
	Project title:	TFR #244-Encampment Clean-UP and Unsheltered Individual Data Collection	
	Amount of Award:	\$179,932	
	Date awarded:		
	Project title:		
	Amount of Award:		
	Date awarded:		
	Project title:		
Amount of Award:			

DESCRIPTION OF PROJECT UNDER CONSIDERATION

Indicate the description that best fits the project you are proposing. Mark no more than three categories:

- ☐ A. Projects that improve bank or channel stabilization and decrease erosion.
- ☐ B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the Truckee River where data supports evidence of pollution and/or sediments entering the Truckee River.
- ☒ C. Projects 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.³
- ☐ E. Other projects that meet the evaluation criteria.

1. Project goals and measurable outcomes and how you will measure and report them.

The goal of the project is to improve water quality by reducing the amount of pollution in the urban Truckee River corridor through outreach, education, data collection, river clean-ups, appropriately placed sharps disposal containers and maintenance/cleaning of Portland Loo(s). This project fills the unique niche of bridging the gap between environmental concerns and homelessness.

This goal will be achieved through the following five (5) strategies and respective measurable outcomes:

1. **Maintain an outreach team to build/strengthen relationships with people experiencing homelessness.** This outreach team will continue to collect client-level data and data on the provision of housing and services to homeless individuals within 0.75 miles of the urban Truckee River corridor in the Homeless Management Information System (HMIS).
 - a. **Measurable Outcome:** Accurate and timely HMIS data reporting empowers our community to effectively track the number of unsheltered individuals at any given moment to better address homelessness.
2. **Conduct river clean-ups five (5) days per week in the urban Truckee River corridor.** Individuals experiencing homelessness will volunteer as River Stewards in teams of four (4), five (5) days per week. Each River Steward team will be led by a Karma Box Project Supervisor, who will be responsible for leading, motivating and coaching each River Steward Team to clean the river while also building life skills and strengthening relationships to help individuals resolve their homelessness. After volunteering for a four (4) hour volunteer shift, River Stewards will earn a gift card incentive.
 - a. **Measurable Outcome:** Pollution will be removed directly from and around the urban Truckee River corridor. The quantity of trash bags collected, and River Steward volunteer hours will be recorded each day. River Steward transitions into stable housing will be tracked in HMIS.
3. **Weekly pick-up of sharps disposal container waste.** Usage will be monitored to ensure units are placed at highest potential utilization areas.
 - a. **Measurable Outcome:** Contents of each sharps disposal unit will be weighed when picked up weekly by contractor.
4. **Provide education.** Educational talks on safe disposal of sharps, harm reduction strategies and taking care of the river environment will be integrated into outreach efforts.
 - a. **Measurable Outcome:** The number of educational talks with individuals experiencing homelessness will be tracked daily through the project spreadsheet.
5. **Daily cleaning, locking/un-locking around Portland Loo(s).** From October 1, 2021-February 28, 2022 one (1) Portland Loo at Brodhead Park. From March 1, 2022-September 30, 2022, one (1) Portland Loo at Brodhead Park and one (1) Portland Loo at John Champion Park. These facilities are key to ensuring human waste is diverted from direct entry into the river.
 - a. **Measurable Outcome:** A daily log of cleaning and locking/unlocking will be recorded in the project spreadsheet.

The above outcomes will be reported quarterly through the Truckee River Fund Grant Report Form and as requested in the community.

2. Project location.

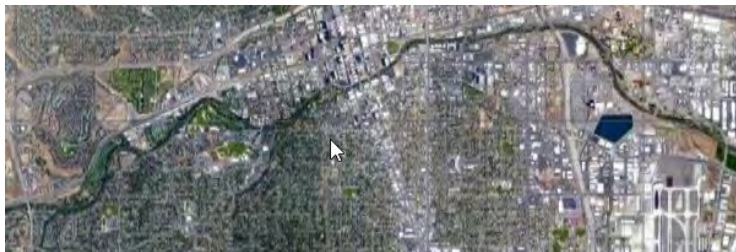
The project will be concentrated in the urban Truckee River corridor between Aces Ballfield and John Champion Park (Map 1 below) and could span as far as areas between McCarran West and East (Map 2 below) depending on needs.

3. Project description.

Map 1



Map 2



Similar efforts have taken place in California along the Russian River. The Russian River Clean River Alliance (CRA) noted that “by engaging homeless individuals to clean up their own camps and volunteer alongside the CRA, the amount of trash entering the Russian River has dramatically declined, leading to beach clean-ups at the mouth of the Russian River to be canceled – due to the lack of trash.” (source: <https://bit.ly/311AIHt>)

4. Grant priorities.

The project advances the following Truckee River Fund priority: **VI Stewardship and Environmental Awareness: Support to Clean-Up programs and the implementation of educational programs relative to water, water quality and watershed protection.**

Controlling the flow of human created trash/waste is critical to protect the health of the Truckee River, especially in the urban Truckee River corridor. Trash generated by unsheltered individuals living along the Truckee has a large impact on the health of the region’s water source. The River Stewards Program will work directly with unsheltered individuals to clean up areas along the urban Truckee River corridor. Additionally, this project will continue to add to the database of unsheltered individuals to better connect them to housing resources, with the goal continuing to reduce the number of people camping along the river. Lastly, this project will integrate education into our outreach efforts to teach unsheltered individuals about the importance of keeping the river clean and how to do so through use of the sharps disposal containers, utilizing the Portland Loo(s) and volunteering to be a River Steward.

5. Permitting.

No permits will be required. The sharps disposal collection contractor will adhere to federal, state, and local regulatory compliance.

6. Future land use.

None known.

7. Future phases.

This round of grant funding will support the second iteration of this pilot program. In this second iteration, we will increase our collaborations and efficiencies to heighten our positive impact on the urban Truckee River corridor. Future phases will be developed after assessment of this next year’s progress.

8. Principals involved.

Washoe County Regional Homeless Services (WCRHS) will provide overall project oversight, administrative support, and grant compliance. A Management Analyst and Data & Policy Specialist will work together to ensure overall program success. Washoe County's frontline partner, Karma Box Project, will execute the program on the ground.

Karma Box Project (KBP), will continue to operate and enhance the River Steward Program into its second year. KBP will provide homeless outreach and education, conduct data collection, lead river clean-up volunteer teams, and clean & maintain the Portland Loo (s). KBP was founded in 2019, established to organize a method to transfer items between people who have them, and the people who need them. Within the past year, Karma Box Project has successfully piloted and grown the River Stewards program in coordination with Washoe County. Additionally, Karma Box Project is the current contracted operator of the Washoe County Safe Camp for people experiencing homelessness. The River Stewards program has been integral in bolstering Karma Box Project's outreach efforts to support successfully transitioning individuals away from living on the river.

9. Staff positions involved.

Two Washoe County positions: part-time Management Analyst (10% of time), part-time Data & Policy Specialist (10% of time). Two (2) part-time Karma Box Project supervisors (55% of time) will spearhead data collection efforts, lead River Steward clean-up teams, conduct Portland Loo(s) cleaning/locking, and provide educational outreach. One part-time (1) Karma Box Project Manager (50%) will oversee frontline operations and outreach. Rynocare, the contracted operator to maintain the sharps disposal units, will empty the units one (1) time per week.

10. Volunteers involved.

Clean-ups will occur five (5) days per week with River Stewards volunteering four (4) hours per day. It is estimated that four (4) volunteers will take part in each river clean up. Over the course of one (1) year, it is estimated that a total of 4160 volunteer hours will be completed, consisting of between 150-450 unique River Steward volunteers.

11. Time Line.

By October 2021:

- Move one sharps collection container from initial location to Cares Campus (pending official transition of Cares Campus to Washoe County).
- Commence Portland Loo cleaning/operating duties
- Begin Year 2 river clean-ups
- Begin Year 2 education/outreach
- Begin Year 2 of HMIS data collection

Ongoing November 2021 -September 2022:

- Data entry of unsheltered individuals
- River clean-ups conducted 5 days per week
- Portland Loo daily un-locking, clearing, cleaning & locking
- Education/outreach continues
- Evaluation of program effectiveness and implementation of any needed program adjustments

March 2022

- Begin daily cleaning and locking/unlocking of new Portland Loo at John Champion Park. (Exact start date is pending exactly when TMWA completes installation).

Milestones:

- Sharps disposal units are optimally placed to divert the most waste from entering the river – March 2022
- Portland Loos are widely utilized and known as a safe and clean alternative to direct urination/defecation into the river – by September 2022
- Significant reduction in waste coming into the Chalk Bluff and Glendale TMWA water treatment facilities through clean-ups and education – by September 2022
- Majority of unsheltered individuals within the project area are entered in HMIS – by September 2022
- Riverbank camping/living is significantly reduced through successful transitions into stable housing due to outreach efforts. – by September 2022.

12. Success.

The project will be successful when: a current by-name list of individuals experiencing homelessness has been achieved in HMIS, individuals are diverted from setting up new camps along the river, individuals have moved into housing off the river, pollution to the urban Truckee River corridor has been reduced, including significant reduction of sharps and human waste in the river to create a clean river space for the enjoyment of the entire community.

13. Collaboration.

By coupling river clean-ups with better data collection, Portland Loo cleaning, sharps disposal units and outreach/education, Washoe County is implementing a system-thinking strategy to address a variety of root issues that will lead to the decrease of pollution in the urban Truckee River corridor.

Collaboration with local stakeholders will be key to ensuring this project's success. Washoe County will leverage partnerships to ensure all the necessary players are involved in the project- from direct service providers to provide outreach, education, and data-collection, to the new HOPE teams to provide an integrated community policing model focused on finding real solutions to regional issues. Most importantly, the County will partner directly with unsheltered individuals, empowering them to clean the river and working with them to relocate to housing.

Project partners include Karma Box Project, One Truckee River, Washoe County Safe Camp, Washoe County Sheriff's Office – HOPE team, City of Reno Clean and Safe Team, City of Sparks HOPE team, Eddy House, Health Plan of Nevada, Karma Box Project, Washoe County MOST, VOA, Reno Regional Veterans Administration, and Community Solutions (using their Built for Zero methodology to create a data-driven lasting end to homelessness).

14. Grant match.

A total of \$77,874.26 of in-kind match will be provided. This represents 26.2% of the total budget of \$297,038.26.

This includes:

- 4160 volunteer hours at \$13/hour = \$54,080
- Washoe County staff: Management Analyst (10%) & Data & Policy Specialist (10%) = \$23,794.26

PROJECT BUDGET			
Budget Item Description*	Truckee River Fund \$	Washoe County Match \$	Total
Labor - Washoe County Staff	\$ -	\$ 23,794.26	\$ 23,794.26
Labor - KBP Monthly Management Fee	\$ 44,000.00	\$ -	\$ 44,000.00
Labor - KBP Supervisor (hourly) Outreach & River Cleanup	\$ 37,440.00	\$ -	\$ 37,440.00
Labor - KBP Supervisor (hourly) Clean/lock/unlock/clear Portland Loo(s) daily. 1 from Oct. 1-Feb. 28, 2 from Mar. 1-Sep. 30.	\$ 28,500.00	\$ -	\$ 28,500.00
Labor--volunteer \$13/hour	\$ -	\$ 54,080.00	\$ 54,080.00
Volunteer Incentives (Gift Cards)	\$ 52,000.00	\$ -	\$ 52,000.00
Supplies & Materials	\$ 10,000.00	\$ -	\$ 10,000.00
Sharps Collection	\$ 27,300.00	\$ -	\$ 27,300.00
Subtotal	\$ 199,240.00	\$ -	\$ 277,114.26
Administrative Costs (10%)	\$ 19,924.00	\$ -	\$ 19,924.00
TOTAL	\$ 219,164.00	\$ 77,874.26	\$ 297,038.26

Organization Name:	Truckee River Watershed Council (TRWC)																				
Type: Non-Profit	501(c)(3) EIN# 91-1818748	Governmental entity? No																			
Address:	P.O. Box 8568, Truckee, CA 96162																				
Project Name:	Prosser Basin Sediment Reduction Plan																				
Amount requested: \$44,000	Website: www.truckeeriverwc.org																				
This funding will be used to (complete this sentence with a max of 2 sentences):	Fill a critical funding gap for the Prosser Basin Sediment Reduction Plan in support of the Truckee River TMDL. The Plan will manage road, trails, and site improvements for excess sedimentation, hydrologic connectivity, and watershed function.																				
Key People:	Director:	Lisa Wallace																			
	Board Chair:	Jake Hudson																			
	Project Contact:	Name:	Beth Christman																		
		Position:	Director of Restoration Projects																		
		Phone:	530-550-8760, 1#																		
		Fax:	NA																		
		Email:	bchristman@truckeeriverwc.org																		
Organization Mission:	We bring the community together for the Truckee to restore, protect, and enhance the Truckee River watershed.																				
Has your organization received other grants from the Truckee River Fund? Yes X No (use additional page if necessary)	If yes, <table border="1"> <tr> <td>Date awarded:</td> <td>Spring 2021</td> </tr> <tr> <td>Project title:</td> <td>Lower Bear Creek Meadow Restoration, Phase 2</td> </tr> <tr> <td>Amount:</td> <td>\$51,250</td> </tr> <tr> <td>Date awarded:</td> <td>September 2020</td> </tr> <tr> <td>Project title:</td> <td>Restoration for Coldstream Canyon</td> </tr> <tr> <td>Amount:</td> <td>\$86,500</td> </tr> <tr> <td>Date awarded:</td> <td>March 2019</td> </tr> <tr> <td>Project title:</td> <td>Mclver Dairy Meadow Restoration Project</td> </tr> <tr> <td>Amount:</td> <td>\$161,000</td> </tr> </table> Please see Attachment A for a full list of awarded grants			Date awarded:	Spring 2021	Project title:	Lower Bear Creek Meadow Restoration, Phase 2	Amount:	\$51,250	Date awarded:	September 2020	Project title:	Restoration for Coldstream Canyon	Amount:	\$86,500	Date awarded:	March 2019	Project title:	Mclver Dairy Meadow Restoration Project	Amount:	\$161,000
Date awarded:	Spring 2021																				
Project title:	Lower Bear Creek Meadow Restoration, Phase 2																				
Amount:	\$51,250																				
Date awarded:	September 2020																				
Project title:	Restoration for Coldstream Canyon																				
Amount:	\$86,500																				
Date awarded:	March 2019																				
Project title:	Mclver Dairy Meadow Restoration Project																				
Amount:	\$161,000																				

DESCRIPTION OF PROJECT UNDER CONSIDERATION

Indicate the description that best fits the project you are proposing. Mark no more than three categories:

- ☒ A. Projects that improve bank or channel stabilization and decrease erosion.
- ☒ B. Structural controls or Low Impact Development (LID) projects on tributaries and drainages to the Truckee River where data supports evidence of pollution and/or sediments entering the Truckee River.
- ☒ C. Projects 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.¹
- ☐ E. Other projects that meet the evaluation criteria.

1. Specific project goals and measurable outcomes and how you will measure and report them.

Goals. The goals of the Prosser Basin Sediment Reduction Plan (Sediment Reduction Plan) are to:

- Address excessive sedimentation as identified in the Truckee River TMDL and the RIOS Assessment
- Further the recommendations from the Prosser Basin Assessment (September 2021) regarding sedimentation from roads, trails, and historic land use sites
- Define the specific roads, trails, and sites generating excessive sedimentation
- Prescribe the treatments and actions needed to reduce the sedimentation
- Incorporate the roads, trails, sites, treatments, and actions into existing capital improvement projects planned through 2024 with the three major landowners

Project Outcome Measures. In the period of grant funding, the measures of success are a completed Sediment Reduction Plan and acceptance of the plan by the three major landowners. This can readily be reported quarterly to the Truckee River Fund.

Performance Outcome Measures. The Sediment Reduction Plan will quantify reductions to be achieved through implementation. It will additionally specify the methods the measure the sediment reductions. These expected reductions can be included in the Final Progress Report to the Truckee River Fund.

2. Project location and Landowners. Prosser Basin is located in California, in the Middle Truckee River watershed, near the Town of the Truckee. Prosser Basin is approximately 53 square miles. This project includes the entire Prosser Basin.

Majority landowners are Tahoe Donner Association, Truckee Donner Land Trust, and the USFS Tahoe National Forest. Together they manage approximately 90% of the land and water in Prosser Basin.

3. Project description. The project is a planning project that seeks to reduce excess sedimentation in the Prosser Basin by addressing degradation caused by modern and historic road, trails, and associated sites. We are requesting funding to help complete the plan. The three major landowners have committed to cost sharing in the development of the plan and equally important, to implement the plan as part of their scheduled capital improvements through 2024.

Studies. The Middle Truckee River watershed is listed under the Clean Water Act (303)d as impaired for sediment with an approved TMDL (Lahontan Water Board, 2008).

The RIOS Assessment (The Nature Conservancy, 2016) address several scenarios for land management in the Truckee River watershed. Among the findings are that improperly built and maintained “dirt” roads are a substantial source of excessive sedimentation. It recommends a robust strategy of addressing roads.

The Prosser Basin Assessment (Truckee River Watershed Council, September 2021) makes several land management and restoration recommendations, including a comprehensive approach to addressing roads, trails, and associated sites. For example, legacy logging roads with skid trails and landings.

The Problem: In the Prosser Basin, from the western edge at the Sierra Crest downstream to the confluence with the Truckee River, an extensive and unmanaged network of roads, trails, and associated sites is generating excessive sedimentation. The roads, trails, and sites were constructed starting in the mid-1800s to support logging and grazing and continued into modern times to support utilities, transportation, and recreation as well as modern era logging and grazing.

In modern times, the roads, trails, and sites crossover landowner boundaries but are managed isolation by each landowner. This has created significant redundancy in roads and trails and uneven quality in managing roads and trails along with problems of excessive sedimentation and degradation of water quality and habitat.

The Solution: Bring the landowners together to coordinate planning and implementation to address the roads, trails, and associated sites.

Since autumn 2020, the three major landowners in Prosser Basin have been working with the Truckee River Watershed Council on a comprehensive Prosser Basin Assessment (see Time Line, below). The landowners are Tahoe Donner Association, Truckee Donner Land Trust, and the USFS Tahoe National Forest. The assessment will be completed later in 2021, but it is already apparent that a high priority management recommendation is the development a sediment reduction plan focusing on roads, trails, and associated sites. Adding some urgency – and some opportunity – all three landowners have capital improvements scheduled from 2022 – 2024 which could include the recommendations from the Sediment Reduction Plan.

Specific work tasks for the Sediment Reduction Plan are:

1. Inventory (“Desktop” and on-site): digitally integrate/combine the roads and trails data available from landowners and other sources. Identify formal and informal roads and trails. Conduct on-site surveys. Rate and rank the roads and trails by segment for maintenance, elimination, combination. Estimate sediment load reductions.
2. Actions/Treatments (“Desktop” and on-site): Identify specific actions and treatments by road, trail, and site needed to achieve sediment reductions (i.e., eliminate/combine, grading, water bars/dips, culverts or crossings, etc.)
3. Draft Plan: Review and approval by each landowner and by landowners together. Digital data sets and specifications to be used by landowners. Inherent in this step is landowners coming to agreement about roads and trails which cross boundaries.
4. Final Plan: Revisions based on feedback and review from the Draft Plan. Acceptance by each landowner of the Sediment Reduction Plan.
5. CEQA & NEPA Analysis: to increase the probability of implementation, we will sort the roads, trails, and sites by level of required environmental compliance required. Some actions will not need CEQA/NEPA, others can readily meet the requirements, and still other will require a robust environmental review. By identifying the requirements as part of the plan, the landowners can, for example, more readily move ahead with some actions/treatments or can add the treatments/actions to CEQA/NEPA scopes of work.

4. **Grant priorities.** The project addresses:
 - **Watershed Improvements:** If fully implemented, the project will decrease sedimentation by 20 tons per year to support attainment of the TMDL for Truckee River. Treatments/Actions on roads, trails, and restoration sites will enhance watershed function such as infiltration, reduce erosion, and protect and restore streams, wetlands, and meadows.
 - **Local Stormwater Improvements:** Prosser Basin receives stormwater inputs from a surprising large network of roads, trails, and residential development. The project's approach will use some engineered solutions as well as restoring natural function (infiltration, source reduction) for those stormwater inputs.
 - **Meet Multiple Objectives:** The project meets the watershed and water quality objectives listed above. It also benefits meadow, riparian, and in-stream habitat, native fish and wildlife species, and manages/directs transportation and recreation uses.
 - **Leverage Stakeholder Assets and Participation:** The projects leverage significant partner/landowner participation and cost share from Tahoe Donner Association, Truckee Donner Land Trust, and USFS. They have actively participated in the Prosser Basin Assessment, agreed to the project prioritization, and will use the Sediment Reduction Plan in their planned work over the next three years. The Washoe Tribe of Nevada and California and are aware of the Prosser Basin Assessment and, due to staffing limitations, will review specific projects based on our request to them.
5. **Permitting.** Because this is a planning project, permits are not required. Likewise, NEPA and CEQA are not required to develop the plan.
6. **Future Land Uses.** All three partners/landowners have land use projects scheduled over the next three years which can address roads, trails, and site improvements - and which, if correctly implemented, can substantially reduce sedimentation.
7. **Future phases.** This Sediment Reduction Plan can provide guidance and direction for work already scheduled by the partners/landowners as well as identifying additional needed actions/treatments.
8. **Principals involved.** Beth Christman TRWC Director of Restoration Projects, will oversee the implementation of the project.
9. **Number of staff positions involved in project:** Beth Christman and Lisa Wallace from TRWC will work part-time on this project, with additional support from the staff at Tahoe Donner Association, Truckee Donner Land Trust, and USFS Tahoe National Forest.
10. **Number of volunteers involved in project and an estimated number of volunteer hours.** Because this is a planning project, there are not opportunities for volunteers.

- 11. Time Line.** The project timeline is included below. For the sake of clarity and context, the timeline includes several completed project tasks as well as the proposed work. There are no anticipated delays for beginning the Sediment Reduction Plan.

	Task	Date
Completed work	Prosser Basin Assessment – Watershed Attributes	October 2020
	Prosser Basin Assessment – Disturbance Inventory	February 2021
	Prosser Basin Assessment - Restoration & Management Opportunities	August 2021
	Prosser Basin Assessment – Final Report	September 2021
Proposed Work	Inventory (“Desktop” and on-site)	January – June 2022
	Actions/Treatments (“Desktop” and on-site)	July – September 2022
	Draft Plan	October 2022
	Final Plan	November 2022
	CEQA & NEPA Analysis	February 2023

- 12. Success.** Project success will be confirmed by acceptance of the plan by all partners along with their agreement to cost-share the implementation of the recommended actions/treatments.

- 13. Collaboration.** This project is a collaboration between TRWC and three partners/landowners - Tahoe Donner Association, Truckee Donner Land Trust, and USFS Tahoe National Forest. Letters of support and participation are available on request.

14. Grant match.

Match amount to be provided:		\$11,400	
Match details:	Match is:	Cash	\$0.00
	For the cash portion of your match, is the funding already being held by the applicant for this project?		
Description of matching funds/in-kind donations:	The matching funds are in-kind staff time for: survey implementation, data source and compilation, technical review, management review, and analysis required for NEPA and CEQA completion (which will be needed for implementation of the Sediment Reduction Plan).		

ATTACHMENTS

- A. Extended list of past TRWC projects funded by the Truckee River Fund.
- B. Prosser Basin Sediment Reduction Plan – See Maps 1 and 2

Nonprofits submit: Documents noted below are available and can be submitted upon request.

- ☒ Last audited financial statements if your organization has been audited
- ☒ List of Board of Directors
- ☒ Copy of agency’s IRS 501(c)(3) Tax Determination Letter
- ☒ Copy of the agency’s most recent IRS Form 990

15. PROJECT BUDGET

Budget Item	TRF \$	Other Funding	Match	Total
Draft Sediment Reduction Plan	\$20,000	TDA, TDLT, USFS	\$3,000	\$23,000
Final Sediment Reduction Plan	\$7,000	TDA, TDLT, USFS	\$2,400	\$9,400
CEQA & NEPA Analysis	\$12,000	TDA, TDLT, USFS	\$6,000	\$18,000
Partner Coordination	\$2,500			\$2,500
Project Administration	\$2,500			\$2,500
TOTAL	\$44,000		\$11,400	\$55,400

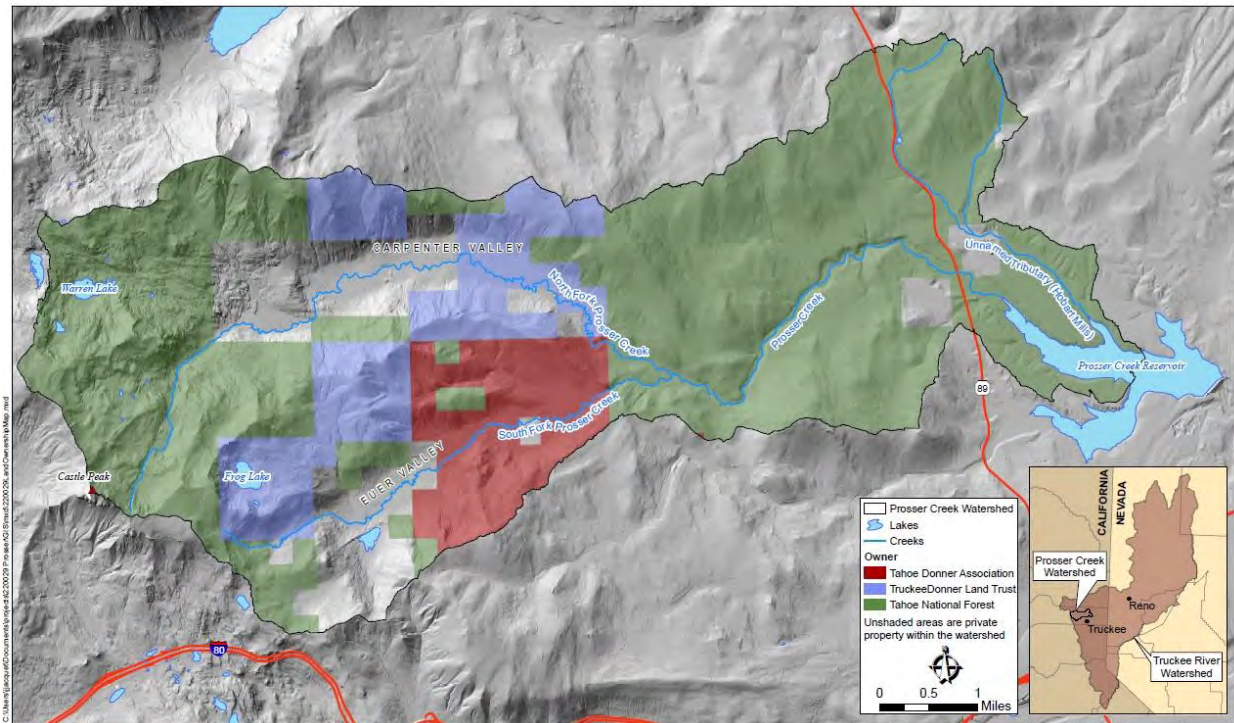
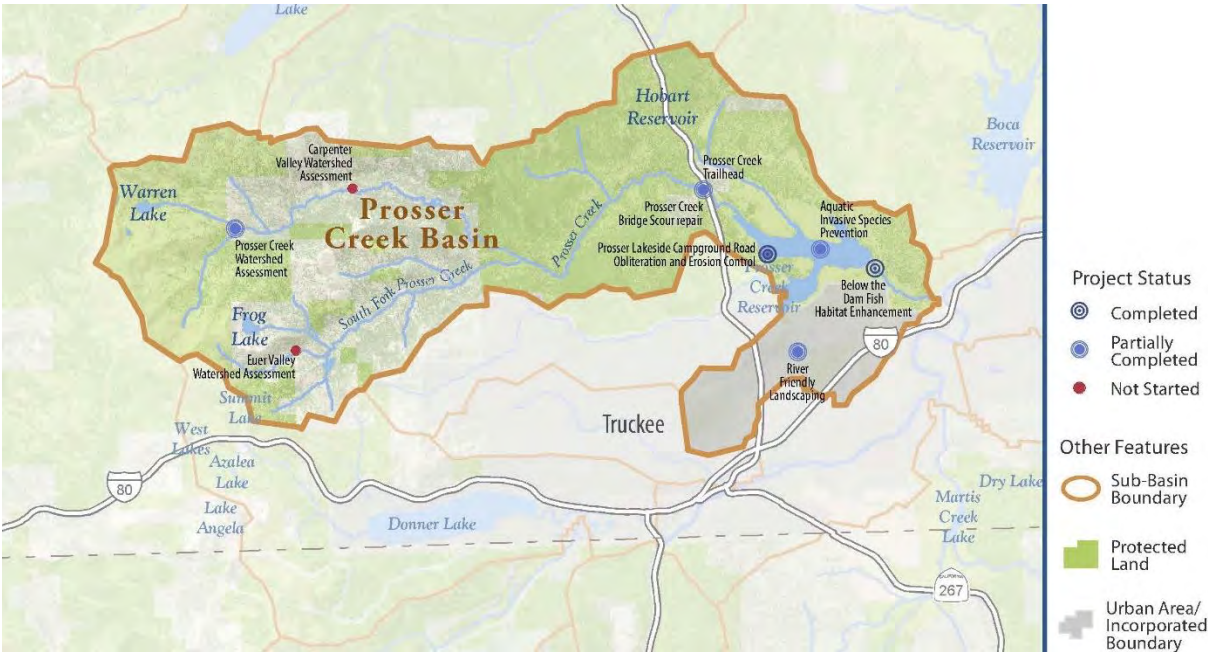
TDA – Tahoe Donner Association

TDLT – Truckee Donner Land Trust

USFS – U.S. Forest Service, Tahoe National Forest

All three partners/landowners have projects scheduled over the next three years for roads, trails, and site improvements which, if correctly implemented, can substantially reduce sedimentation. This Sediment Reduction Plan can provide guidance and direction for already scheduled work as well as identifying additional needed actions/treatments.

Location Maps: Prosser Basin, within the Middle Truckee River watershed, California



Attachment A
Continued list of grants to TRWC from the Truckee River Fund

Date awarded:	September 2020
Project title:	Restoration for Coldstream Canyon
Amount of Award	\$86,500
Date awarded:	October 2019
Project title:	Truckee River Invasive Species Control Project
Amount of Award	\$19,250
Date awarded:	March 2019
Project title:	Mclver Dairy Meadow Restoration Project
Amount of Award	\$161,000
Date awarded:	October 2018
Project title:	Truckee River Water Quality Monitoring Program
Amount of Award	\$25,000
Date awarded:	October 2018
Project title:	Restoration Projects: Donner Creek and Dry Creek Meadow
Amount of Award	\$92,000
Date awarded:	March 2018
Project title:	Truckee Meadows Restoration Project – Phase 2 Construction
Amount of Award	\$30,000
Date awarded:	October 2017
Project title:	Truckee River Tributaries Sediment Reduction Project
Amount of Award	\$165,000
Date awarded:	March 2017
Project title:	Big Chief, F4M Restoration Culvert Outflows
Amount of Award	\$50,000
Date awarded:	September 2016
Project title:	Donner Creek Bank Stabilization Downstream of Railroad Culvert Final Design
Amount of Award	\$90,000
Date awarded:	March 2017
Project title:	F4M Restoration Culvert Outflow
Amount of Award	\$50,000
Date awarded:	September 2016
Project title:	Donner Creek Concept Designs
Amount of Award	\$40,000
Date awarded:	September 2016
Project title:	Donner Creek Bank Stabilization
Amount of Award	\$92,000
Date awarded:	April 2016
Project title:	Johnson Canyon West #2
Amount of Award	\$67,000
Date awarded:	October 2015
Project title:	Johnson Canyon West #1
Amount of Award	\$25,000

Date awarded:	September 2014
Project title:	Donner Lake Watershed Assessment
Amount of Award	\$70,000
Date awarded:	March 2014
Project title:	Truckee Wetlands Restoration – Phase 3,4, & 5 – Design
Amount of Award	\$50,000
Date awarded:	October 2013
Project title:	Truckee River Big Chief Corridor –Restoration
Amount of Award:	\$150,000
Date awarded:	March 2013
Project title:	Truckee River Big Chief Corridor – Implementation
Amount of Award	\$11,000
Date awarded:	March 2013
Project title:	Middle Martis Wetland Restoration – planning and design
Amount of Award:	\$120,000
Date awarded:	August 2012
Project title:	Phase 2 Coldstream Canyon Floodplain Restoration
Amount of Award:	\$196,000
Date awarded:	March 2012
Project title:	Lacey Creek and Meadow Assessment
Amount of Award	\$50,000
Date awarded:	March 2012
Project title:	Negro Canyon Restoration – pre-project monitoring
Amount of Award:	\$25,000
Date awarded:	October 2010
Project title:	Coldstream Canyon Floodplain Restoration Project
Amount of Award:	\$135,000
Date awarded:	August 2010
Project title:	Truckee Wetlands Restoration Project – Phase 2
Amount of Award:	\$40,000
Date awarded:	July 2006
Project title:	“This Drains to the Truckee River” Storm Drain Stenciling Pilot Project
Amount of Award:	\$9,300

TRUCKEE MEADOWS WATER AUTHORITY
(TMWA)

RESOLUTION NO. 297

**A RESOLUTION APPROVING PROJECTS
FOR FUNDING UNDER THE TRUCKEE RIVER FUND**

WHEREAS, the Truckee Meadows Water Authority and the Community Foundation of Western Nevada (the "Community Foundation"), a Nevada non-profit corporation, have entered into an agreement creating The Truckee River Fund (the "Fund") to foster projects that protect and enhance water quality or water resources of the Truckee River, or its watershed;

WHEREAS, pursuant to the Fund Agreement, an Advisory Committee has solicited proposals from prospective beneficiaries of the Fund;

WHEREAS, the Advisory Committee has recommended projects for funding, as listed on Exhibit A, attached hereto;

WHEREAS, the Advisory Committee has the responsibility of securing preliminary approval for projects from the TMWA Board, which may disapprove projects for any reason, or may approve projects by resolution, subject to Community Foundation Board approval;

WHEREAS, the Community Foundation has advised the Advisory Committee that the projects' applicants are eligible beneficiaries of the Fund;

WHEREAS, the Board has reviewed the recommendation of the Advisory Committee and has found that the projects as listed on Exhibit A are consistent with the purposes of the Fund and merit funding; and

NOW THEREFORE, BE IT RESOLVED by the Board of Directors of the Truckee Meadows Water Authority:

The projects set forth on **Exhibit A** are approved for funding under the Truckee River Fund in the amount set forth in such Exhibit, subject to final authorization by the Community Foundation Board, and subject to the provisions of the Fund Agreement, including without limitation the requirements set forth in Article VC.

Truckee Meadows Water Authority
Resolution No. 297 (continued)

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Truckee Meadows Water Authority,

Upon motion of _____ seconded by _____, the foregoing Resolution was passed and adopted on September 15, 2021 by the following vote of the Board:

Ayes: _____

Nays: _____

Abstain: _____ Absent: _____

Approved September 15, 2021

Vaughn Hartung, Chairman

Truckee Meadows Water Authority
Resolution No. 297 (continued)

EXHIBIT A**PROJECTS RECOMMENDED FOR FUNDING**

Project #	Grantee	Description	Proposal Amount	Amount Recommended	Monetary Match	In-Kind Match	Match Total
251	Sierra Nevada Journeys	Watershed Education Initiative (WEI) for the Urban Truckee River Corridor	\$30,055.00	\$30,055.00	\$7,513.00	\$ -	\$7,513.00
252	Truckee Meadows Parks Foundation	Doggie Waste Awareness Campaign	\$60,775.00	\$60,775.00	\$14,950.00	\$26,500.00	\$41,450.00
253	One Truckee River (OTR)	OTR River-Friendly Landscaping Program Expansion	\$48,000.00	\$48,000.00	\$10,000.00	\$5,055.00	\$15,055.00
254	One Truckee River (OTR)	Brodhead Park Restoration Project: Phase 1	\$69,724.00	\$69,724.00	\$17,431.00	\$7,710.00	\$25,141.00
255	Keep Truckee Meadows Beautiful (KTMB)	2022 Great Community Cleanup, Truckee River Cleanup, Adopt-A-River Program, & Adult & Community Education Program	\$82,880.00	\$82,880.00	\$136,353.00	\$144,766.00	\$281,119.00
256	Washoe County	River Stewards Project	\$219,164.00	\$219,164.00	\$ -	\$77,874.26	\$77,874.26
257	Truckee River Watershed Council	Prosser Basin Sediment Reduction Plan	\$44,000.00	\$44,000.00	\$ -	\$11,400.00	\$11,400.00
Amount Totals:			\$554,598.00	\$554,598.00			\$459,552.26

Truckee Meadows Water Authority
Resolution No. 297 (continued)

Project #251: Watershed Education Initiative for the Urban Truckee River Corridor

Project Description:

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, Sierra Nevada Journeys' (SNJ) Watershed Education Initiative (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.

A study from The Nature Conservancy reveals that students who have had a personal experience in nature are:

- Significantly more likely to express concern about water pollution, air pollution, climate change, and the condition of the environment;
- More than twice as likely to "strongly agree" that protecting the environment is "cool;"
- More than twice as likely to consider themselves a "strong environmentalist;" and
- Substantially more likely to express interest in studying the environment in college, working in a job related to nature, or joining an environmental club at their school.

Through WEI, SNJ provides local youth with opportunities to have an interactive experience outdoors, increasing their likelihood to cherish nature, engage with it and become stewards of their natural resources.

With this funding, SNJ will serve 750 students in 28 classrooms within 10 miles of the urban corridor of the Truckee River. Conducted over a four-week period, WEI includes two in-class lessons, one field-study experience, pre- and post-assessments, classroom extension lessons for teachers, and family and community engagement. Curriculum developed and delivered by SNJ's team of credentialed teachers aligns to state and national standards and the North American Association for Environmental Education's Guidelines for Excellence.

TMWA Benefit:

WEI is an education program that addresses water, water quality and watershed protection for K-8th grade students, directly aligning with grant priority VI: *Stewardship and Environmental Awareness*. Students gain first-hand experience determining water quality, explore human impacts on their water source, and obtain skills, knowledge and a field experience to connect them to their local river. The overall long-term program impacts include:

- Students understand important science concepts related to the Truckee River watershed and can articulate how their actions affect the Truckee River watershed and local ecosystems.
- Teachers use extension lessons and implement more hands-on exploration of the watershed. Parents and community members engage in watershed education directly through WEI volunteer.

Truckee Meadows Water Authority
Resolution No. 297 (continued)

- Health of the Truckee River watershed and local ecosystems improves as students and their families adopt environmental stewardship practices that help reduce water pollution and human impacts.

Project #252: Dog Waste Awareness Campaign

Project Description:

The Parks Foundation is eager to develop and execute a professional level Dog Waste Awareness Campaign that educates and informs Truckee Meadows community members on stewardship actions that keep dog waste out of the Truckee River watershed. The campaign will be developed in-house with management from our Communications Director, and guidance from a Public Relations agency, to incorporate best practices on maximizing community engagement. The chosen PR agency will provide a social media brief with specifics on marketing tactics, advertisement opportunities, and sustainable online engagement. The Doggie Waste Awareness Campaign will be promoted with Facebook, Instagram, YouTube, local broadcasting, and through the Parks Foundation's already established newsletters and website. The goal of this awareness campaign is to grow the amount of park goers reached, by increasing impressions, views, and clicks over all of our various mediums of advertising. In addition, with a 26.12% Hispanic/Latino population in Reno/Sparks, it is imperative to incorporate information in Spanish language. By promoting a strong, cohesive message of stewardship to a wide audience, Truckee Meadows Parks Foundation will influence more members of the community to participate in conservation actions regarding dog waste, and keep dog waste off the ground and out of the Truckee River.

TMWA Benefit:

The Dog Waste Awareness Campaign advances TRF's grant priority *VI of Stewardship and Environmental Awareness*: Support to Clean-Up programs and the development and implementation of educational programs relative to water, water quality and watershed protection. For many, the connection between neglected dog waste and its negative impact on the Truckee River is unknown or not well understood. Through the campaign, public education will be provided about the harmful effects of dog waste on the Truckee River and watersheds. After partnering with a local Public Relations agency, videos will be strategically produced and marketed to generate the most impact in the Truckee Meadows community. The awareness campaign will lead to community stewardship, and encourage park and trail goers to use the resources provided through established Dog Waste Stations and to clean up their pet's waste. These actions, inspired by the Awareness Campaign, will reduce the amount of harmful fecal matter entering the watershed.

Project #253: One Truckee River (OTR) River-Friendly Landscaping Program Expansion

Project Description:

OTR launched the Program's pilot in 2020/21 with funding from the Western Regional Water Commission (WRWC). The Program's pilot goal was to engage Truckee homeowners to teach about landscape design and maintenance practices that protect water quality in the Truckee River Watershed. This Program was initiated because residential parcels are increasing across the Truckee Meadows, and they have great stormwater runoff reduction potential when assessed cumulatively.

Truckee Meadows Water Authority
Resolution No. 297 (continued)

Based on the great success of the Program's pilot, OTR is seeking to expand its efforts. To determine the Program's next steps, they solicited feedback from participants and local water quality professions. They conducted research and interviews with similar water quality and conservation education Programs in other western states. Therefore, they are proposing to expand the Program in three parts:

1. Marketing and branding research,
2. Expansion of the homeowner education Program, and
3. Development of a new branch of the Program focused on new construction.

TMWA Benefit:

Expansion of the Program meets TRF's Grant Priorities: *II Watershed Improvements, III Local Stormwater Improvements, and VI Stewardship and Environmental Awareness* because it provides water quality and watershed protection in adult education programming and is designed to mitigate residential stormwater runoff and NPS pollution. The Program encourages landscape design techniques and maintenance practices that reduce sediments, phosphorus, and nitrogen in direct support of efforts to meet the Truckee River's TMDL requirements. It encourages techniques to reduce stormwater runoff volumes, mitigating hydro-modification of channels and water temperature increase due to surface runoff across hot pavement.

Project #254: One Truckee River Brodhead Park Restoration Project: Phase 1

Project Description:

One Truckee River's (OTR's) proposed Brodhead Park Restoration Project: Phase 1 (the Project) will plan a restoration Project at Brodhead Park (park) that will address critical issues facing the Truckee River, including impaired water quality (total dissolved solids [TDS] and temperature), erosion, wildlife habitat needs, and hydrological resiliency. Goals and outcomes are aimed at addressing specific needs for the park and will also inform the overall OTR-coordinated Vegetation Management Master Planning effort underway that is funded by Bureau of Reclamation (BOR) and administrated by Nevada Land Trust (NLT). Lessons learned through the proposed Project will have far-reaching implications and benefits for future restoration projects along the mainstem of the Truckee River within Nevada (NV). The Project will further improve the physical environment at the park, supporting the OTR River Restroom Project and Washoe County/Karma Box Project River Stewards Program efforts underway at and nearby the park.

OTR is proposing to plan a pilot restoration Project at Brodhead Park, which directly complements the OTR Vegetation Management Master Planning effort that is aimed at developing a Framework Vegetation Management and Restoration Plan (Framework Plan) for the urban stretch of the Truckee River, within the Reno-Sparks urban core of NV. In conjunction with development of the Framework Plan, OTR's contractors (SWCA Environmental Consultants [SWCA] and Resource Concepts, Inc [RCI]) are developing support tools (regulatory matrix, web map tool, vegetation management strategies planning tool, etc.) to assist in development of implementation-level restoration plans. The proposed Project would be the first of many implementation-level plans and complement the master planning effort.

The restoration Project will be completed in three phases. OTR is only applying for grant funding through the Truckee River Fund for Phase 1 (Phases 1a and 1b) at this time. Details of Phases 1a and 1b are detailed in the sections below. (The cost for Phases 2 and 3 has not been calculated, as the scope of

Truckee Meadows Water Authority
Resolution No. 297 (continued)

those phases will depend on the outcomes of Phase 1. However, estimated ranges of costs for Phases 2 and 3 are provided below.) The three phases for this restoration Project are the following:

- Phase 1a will develop a 30% (conceptual) restoration plan, in coordination with OTR and City of Reno, with solicitation of agency input on design ideas and permitting needs and public input on river access.
- Phase 1b will include preliminary implementation planning efforts to help identify sources for labor and materials (from OTR's partners) to streamline implementation efforts and costs.
- Phase 2 will develop a finalized restoration plan at a sufficient level of engineering design to complete a finalized implementation cost estimate and for the Project to go to construction (Phase 3). Phase 2 will also include obtainment of final agency permits/approvals and finalizing sources for labor and materials (in coordination with OTR's partners). The estimated cost is \$42,000 to \$85,000; costs are dependent on the regulatory requirements and design needs identified during Phase 1.
- Phase 3 will cover the restoration implementation process, including site preparation, installation of channel stabilization/bioengineering materials, installation of plant materials, and labor for installation. The estimated cost is \$45,000 to \$100,000; costs are dependent upon design elements, final permitting requirements, materials/labor provided through the in-kind support, and the outcomes of Phases 1 and 2.

TMWA Benefit:

This proposed Project will address the following TRF grant priorities:

II. Watershed Improvements: The Project will create an implementable restoration plan that will address critical water quality issues along the urban stretch of the Truckee River in Nevada. The final restoration plan for the park will be directly implementable and address impaired water quality (TDS, temperature) within an impaired section of the Truckee River. Establishment of riparian vegetation and bank stabilization implemented in this Project will reduce erosion (and TDS). Increased river shading will address elevated water temperature and increase hydrological resiliency.

III. Local Stormwater Improvements: The Project will develop a restoration plan to establish riparian vegetation along the urban stretch of the Truckee River. The restoration plan for the park will identify vegetation species and bank stabilization measures that increase infiltration and capture stormwater runoff (and associated non-point source pollution) within the Project area, which will also inform future projects.

IV. Re-Forestation and Re-Vegetation Projects: The Project will develop and implement a restoration plan that establishes riparian trees and groundcover along the urban stretch of the Truckee River. The proposed restoration plan for the park will increase riparian forest health along the urban stretch of the river. Healthy riparian vegetation provides shade supporting increased resilience to wildfire, and wildlife habitat.

VI. Stewardship and Environmental Awareness: During all Project phases (including restoration implementation), OTR will engage with the local community to build stakeholders in the neighborhood to support the Project after implementation. Phase 1a will solicit input from the community on river access. Future implementation will engage the public through volunteer activities and outreach with local residents.

VII. Meet Multiple Objectives: This proposed Project addresses multiple goals and objectives from OTR Management Plan (OTRM Plan) and associated prioritized action items that align with TRF's

Truckee Meadows Water Authority
Resolution No. 297 (continued)

funding priorities. This Project addresses OTRM Plan Goal 1: Ensure and protect water quality and ecosystem health in the Truckee River; OTRM Plan Objective 1.4: Create a rich and diverse vegetative ecosystem; OTRM Plan Objective 1.4.b: Create an approved vegetative species list to increase biodiversity and shading on lands along the Truckee River; and OTRM Plan Objective 1.4.c: Develop and implement a coordinated vegetation management plan along the river corridor.

VIII. Leverage Stakeholder Assets and Participation: The proposed restoration plan complements the development of the Framework Vegetation Management and Restoration Plan and associated tools. OTR's vision for the Framework Plan (being implemented through the BOR WaterSMART grant Project) is to create a document that is a "cookbook" for planning implementable restoration plans. By developing this pilot restoration implementation plan and executing that plan, the Project team will be able to test out "recipes" to ensure the Framework Plan and tools are effective. This planning effort will capitalize on and grow existing partnerships. Through the OTR Framework Vegetation Management and Restoration Plan development effort, OTR has formed a vegetation management technical working group (TWG), which includes federal/local government, agency, non-profit, private industry, and local resident representatives. This group is working to identify opportunities to share resources and seek funding to plan and implement restoration projects along the urban stretch of the Truckee River. This proposed Project will leverage OTR's existing vegetation management planning efforts. As a pilot Project, this effort will allow troubleshooting of restoration planning and implementation challenges, so that land managers can more quickly, easily, and cost-effectively execute future projects along the urban stretch of the Truckee River. Completing this pilot Project in tandem with the Framework Plan development will ensure the Framework Plan is as impactful as possible and will serve as a catalyst for future restoration projects.

Project #255: KTMB's 2022 Great Community Cleanup, Truckee River Cleanup, Adopt-A-River Program, & Adult & Community Education Program

Project Description:

KTMB supports a clean, invasive-weed-free community by education 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.

TMWA Benefit:

If funding is awarded, KTMB will support the following TRF Grant Priorities:

V: Support Rehabilitation of Local Tributary Creeks & Drainage Courses – KTMB will support water quality improvement of local tributary creeks and drainage courses through the GCC, TRC and Adopt-A-River cleanup programs. These events will engage hundreds of volunteers to remove many tons of litter and green waste from many locations along the Truckee River Corridor and greater watershed.

Truckee Meadows Water Authority
Resolution No. 297 (continued)

VI: Stewardship and Environmental Awareness – This project will raise environmental awareness about water, water quality, and watershed protection by utilizing multi-media resources and educational/community presentations to educate residents and visitors about the importance of maintaining a healthy river; how noxious weeds negatively affect native plant communities; and how litter and pollution are harmful to humans, wildlife, and the local environment and economy.

VII: Meet Multiple Objectives – This project meets multiple TRF objectives because it will remove pollution and invasive weeds from our water through cleanups and beautification projects, increase the community’s ecological literacy about water quality and conservation through messaging and education, and promote volunteerism to increase environmental stewardship.

VIII: Leverage Stakeholder Assets and Participation – KTMB will collaborate with numerous municipalities, businesses, community groups, and partners to complete the cleanup and education projects proposed. Project sites and activities along the river will be identified by KTMB and local experts and completed with planning and day-of support from partners to ensure effective programming. Together, KTMB and partners will create a cleaner community while saving taxpayer dollars.

Project #256: River Stewards Project

Project Description:

The goal of the project is to improve water quality by reducing the amount of pollution in the urban Truckee River corridor through outreach, education, data collection, river clean-ups, appropriately placed sharps disposal containers and maintenance/cleaning of Portland Loo(s). This project fills the unique niche of bridging the gap between environmental concerns and homelessness.

Similar efforts have taken place in California along the Russian River. The Russian River Clean River Alliance (CRA) noted that “by engaging homeless individuals to clean up their own camps and volunteer alongside the CRA, the amount of trash entering the Russian River has dramatically declined, leading to beach clean-ups at the mouth of the Russian River to be canceled – due to the lack of trash.” (source: <https://bit.ly/311AIHt>).

This goal will be achieved through the following five (5) strategies and respective measurable outcomes:

1. Maintain an outreach team to build/strengthen relationships with people experiencing homelessness. This outreach team will continue to collect client-level data and data on the provision of housing and services to homeless individuals within 0.75 miles of the urban Truckee River corridor in the Homeless Management Information System (HMIS).

- a. **Measurable Outcome:** Accurate and timely HMIS data reporting empowers our community to effectively track the number of unsheltered individuals at any given moment to better address homelessness.

2. Conduct river clean-ups five (5) days per week in the urban Truckee River corridor. Individuals experiencing homelessness will volunteer as River Stewards in teams of four (4), five (5) days per week. Each River Steward team will be led by a Karma Box Project Supervisor, who will be responsible for leading, motivating and coaching each River Steward Team to clean the river while also building life skills and strengthening relationships to help individuals resolve their homelessness. After volunteering for a four (4) hour volunteer shift, River Stewards will earn a gift card incentive.

- a. **Measurable Outcome:** Pollution will be removed directly from and around the urban Truckee

Truckee Meadows Water Authority
Resolution No. 297 (continued)

River corridor. The quantity of trash bags collected, and River Steward volunteer hours will be recorded each day. River Steward transitions into stable housing will be tracked in HMIS.

3. Weekly pick-up of sharps disposal container waste. Usage will be monitored to ensure units are placed at highest potential utilization areas.

a. **Measurable Outcome:** Contents of each sharps disposal unit will be weighed when picked up weekly by contractor.

4. Provide education. Educational talks on safe disposal of sharps, harm reduction strategies and taking care of the river environment will be integrated into outreach efforts.

a. **Measurable Outcome:** The number of educational talks with individuals experiencing homelessness will be tracked daily through the project spreadsheet.

5. Daily cleaning, locking/un-locking around Portland Loo(s). From October 1, 2021-February 28, 2022 one (1) Portland Loo at Brodhead Park. From March 1, 2022-September 30, 2022, one (1) Portland Loo at Brodhead Park and one (1) Portland Loo at John Champion Park. These facilities are key to ensuring human waste is diverted from direct entry into the river.

a. **Measurable Outcome:** A daily log of cleaning and locking/unlocking will be recorded in the project spreadsheet.

TMWA Benefit:

The project advances the following Truckee River Fund priority: **VI Stewardship and Environmental Awareness: Support to Clean-Up programs and the implementation of educational programs relative to water, water quality and watershed protection.**

Controlling the flow of human created trash/waste is critical to protect the health of the Truckee River, especially in the urban Truckee River corridor. Trash generated by unsheltered individuals living along the Truckee has a large impact on the health of the region's water source. The River Stewards Program will work directly with unsheltered individuals to clean up areas along the urban Truckee River corridor. Additionally, this project will continue to add to the database of unsheltered individuals to better connect them to housing resources, with the goal continuing to reduce the number of people camping along the river. Lastly, this project will integrate education into our outreach efforts to teach unsheltered individuals about the importance of keeping the river clean and how to do so through use of the sharps disposal containers, utilizing the Portland Loo(s) and volunteering to be a River Steward.

Project #257: Prosser Basin Sediment Reduction Plan

Project Description:

The project is a planning project that seeks to reduce excess sedimentation in the Prosser Basin by addressing degradation caused by modern and historic road, trails, and associated sites. We are requesting funding to help complete the plan. The three major landowners have committed to cost sharing in the development of the plan and equally important, to implement the plan as part of their scheduled capital improvements through 2024.

Truckee Meadows Water Authority
Resolution No. 297 (continued)

TMWA Benefit:

Grant priorities. The project addresses:

II Watershed Improvements: If fully implemented, the project will decrease sedimentation by 20 tons per year to support attainment of the TMDL for Truckee River. Treatments/Actions on roads, trails, and restoration sites will enhance watershed function such as infiltration, reduce erosion, and protect and restore streams, wetlands, and meadows.

III Local Stormwater Improvements: Prosser Basin receives stormwater inputs from a surprising large network of roads, trails, and residential development. The project's approach will use some engineered solutions as well as restoring natural function (infiltration, source reduction) for those stormwater inputs.

VII Meet Multiple Objectives: The project meets the watershed and water quality objectives listed above. It also benefits meadow, riparian, and in-stream habitat, native fish and wildlife species, and manages/directs transportation and recreation uses.

VIII Leverage Stakeholder Assets and Participation: The projects leverage significant partner/landowner participation and cost share from Tahoe Donner Association, Truckee Donner Land Trust, and USFS. They have actively participated in the Prosser Basin Assessment, agreed to the project prioritization, and will use the Sediment Reduction Plan in their planned work over the next three years. The Washoe Tribe of Nevada and California are aware of the Prosser Basin Assessment and, due to staffing limitations, will review specific projects based on our request to them.



TO: Board of Directors
THRU: Mark Foree, General Manager
FROM: Michele Sullivan, Chief Financial Officer
 Matt Bowman, Financial Controller
DATE: September 8, 2021
SUBJECT: **Presentation of Fiscal Year 2021 Unaudited Financial Results**

Summary

Please refer to Attachments A-1 and A-2 for full Statements of Revenues, Expenses and Changes in Net Position for both actual to budget and year-over-year comparisons as discussed in the report below. Note that all numbers presented in this staff report are subject to TMWA's annual financial statement audit to be completed by Eide Bailly in November 2021. Significant changes are not expected as a result of the audit.

Budget to Actual

	Actual YTD 2021	Budget YTD 2021	Variance \$	Variance %
CHANGE IN NET POSITION	\$ 44,423,024	\$ 33,041,093	\$ 11,381,931	34 %

Change in net position was \$11.4m or 34% higher than budget for fiscal year 2021. This is due primarily to higher than budgeted water sales, lower operating expenses and higher capital contributions offset by lower investment income and asset disposal costs.

Year over Year

	Actual YTD 2021	Actual YTD 2020	Variance \$	Variance %
CHANGE IN NET POSITION	\$ 44,423,024	\$ 51,555,402	\$ (7,132,378)	(14)%

Change in net position was \$7.1m or 14% lower than the prior year. Lower investment income and lower capital contributions were offset by higher water sales.

Revenue

Budget to Actual

	Actual YTD 2021	Budget YTD 2021	Variance \$	Variance %
OPERATING REVENUES				
Charges for Water Sales	109,822,836	102,260,229	7,562,607	7 %
Hydroelectric Sales	2,768,274	3,193,880	(425,606)	(13)%
Other Operating Sales	2,803,513	2,800,120	3,393	— %
Total Operating Revenues	115,394,623	108,254,229	7,140,394	7 %

Operating revenue was \$7.1m or 7% higher than budget for fiscal year 2021 due to higher water sales offset slightly by lower hydroelectric sales. Water sales were up \$7.6m or 7% due to higher water usage in residential and irrigation categories. Active water services are in line with projections, showing about a 2% increase year over year. However, hot and dry weather during the first and fourth quarters of FY 2021 led to higher water use than average and projected.

Year over Year

	Actual YTD 2021	Actual YTD 2020	Variance \$	Variance %
OPERATING REVENUES				
Charges for Water Sales	109,822,836	102,487,078	7,335,758	7 %
Hydroelectric Sales	2,768,274	3,298,850	(530,576)	(16)%
Other Operating Sales	2,803,513	2,286,729	516,784	23 %
Total Operating Revenues	115,394,623	108,072,657	7,321,966	7 %

Total operating revenues were \$7.3m higher than prior year due to higher water and other operating sales offset by lower hydroelectric sales. Water sales revenue was higher by \$7.3m or 7% due to more consumption and added service connections as discussed above. While the first half of FY 2021 was above average for water use, the first half of FY 2020 was below average, so change year over year was substantial, or about \$5m. Third quarter water sales was slightly lower in FY 2021 than FY 2020, however Q4 2021 was higher than the same quarter in 2020 by about \$2m or 8%.

Hydroelectric revenue was lower due to the Washoe plant being out of service for the first three quarters for the rebuilding of the damaged flume. Generation at the hydro facility resumed in Q4 2021.

Operating Expenses

Budget to Actual

	Actual YTD 2021	Budget YTD 2021	Variance \$	Variance %
OPERATING EXPENSES				
Salaries and Wages	23,101,987	24,563,727	(1,461,740)	(6)%
Employee Benefits	11,282,823	10,661,572	621,251	6 %
Services and Supplies	30,562,803	31,419,113	(856,310)	(3)%
Total Operating Expenses Before Depreciation	64,947,613	66,644,412	(1,696,799)	(3)%
Depreciation	33,286,373	33,518,852	(232,479)	(1)%
Total Operating Expenses	98,233,986	100,163,264	(1,929,278)	(2)%

Total operating expenses were \$1.9m lower (2%) than budget. Salaries and wages are lower due to position vacancies and increased labor charged to capital projects. Employee benefits were \$0.6m or 6% higher than budget due to higher PERS expense than expected, due to year-end adjustments from NVPERS actuarial report.

Services and supplies expenses are lower than budget for a number of reasons. In general, TMWA expects to be under budget each year as required under NRS 354. There are numerous expense categories that were underspent including consulting/professional services (lower by \$700k), travel/training costs (lower by \$450k) and electricity costs (lower by \$400k), among others. These decreases were offset by increased spend on water treatment chemicals (higher by \$350k), well rehab work (higher by \$500k) and other smaller increases.

Year over Year

	Actual YTD 2021	Actual YTD 2020	Variance \$	Variance %
OPERATING EXPENSES				
Salaries and Wages	23,101,987	21,455,982	1,646,005	8 %
Employee Benefits	11,282,823	11,529,749	(246,926)	(2)%
Services and Supplies	30,562,803	27,808,959	2,753,844	10 %
Total Operating Expenses Before Depreciation	64,947,613	60,794,690	4,152,923	7 %
Depreciation	33,286,373	33,327,134	(40,761)	— %
Total Operating Expenses	98,233,986	94,121,824	4,112,162	4 %

Year over year operating expenses were \$4.1m higher (4%) than the prior year. Salaries and wages and services and supplies expenses were both higher, offset by lower employee benefits expenses. Salaries and wages were higher due to headcount increases, step increases and cost of living increases effective at the beginning of the fiscal year. Additionally, due to COVID, employees did not use as much PTO/vacation as typical which resulted in an increased compensated absence liability. This increase is non-cash.

Services and supplies costs are higher than the prior year due to a number of factors. Contributing around \$1.2m were project expenses related to projects that were delayed in FY 2020. These included rehabs on seven well sites and asphalt rehabilitation at various locations. Other increases include chemical costs, insurance, meter supplies, and sponsorship costs for a total increase of approximately \$1.1m.

Non-Operating Expenses

Budget to Actual

	Actual YTD 2021	Budget YTD 2021	Variance \$	Variance %
NONOPERATING REVENUES (EXPENSES)				
Investment Earnings	2,550,864	2,854,243	(303,379)	(11)%
Net Increase (Decrease) in FV of Investments	(2,389,723)	—	(2,389,723)	— %
Gain (Loss) on Disposal of Assets	(1,755,873)	—	(1,755,873)	— %
Amortization of Bond/note Issuance Costs	(235,494)	(87,400)	(148,094)	169 %
Interest Expense	(12,262,581)	(12,514,133)	251,552	(2)%
Other Nonoperating Revenue	—	—	—	— %
Other Nonoperating Expense	—	—	—	— %
Total Nonoperating Revenues (Expenses)	(14,092,807)	(9,747,290)	(4,345,517)	45 %

Nonoperating expenses were \$4.3m higher than budgeted. This is due to lower investment income and a net decrease in the fair value of investments due to lower interest rates on invested cash balances and losses on asset disposals of \$1.8m. Asset disposal costs generally consist of demolition costs related to major asset repairs and replacements. Note issuance costs were related to the refunding of TMWA's commercial paper in Q4 2021 (\$13m refunding). As a result of this transaction, TMWA no longer carries any variable rate debt.

Year over Year

	Actual YTD 2021	Actual YTD 2020	Variance \$	Variance %
NONOPERATING REVENUES (EXPENSES)				
Investment Earnings	2,550,864	4,119,737	(1,568,873)	(38)%
Net Increase (Decrease) in FV of Investments	(2,389,723)	3,410,242	(5,799,965)	(170)%
Gain (Loss) on Disposal of Assets	(1,755,873)	(1,189,776)	(566,097)	48 %
Amortization of Bond/note Issuance Costs	(235,494)	(216,981)	(18,513)	9 %
Interest Expense	(12,262,581)	(12,698,972)	436,391	(3)%
Other Nonoperating Revenue	—	—	—	— %
Other Nonoperating Expense	—	—	—	— %
Total Nonoperating Revenues (Expenses)	(14,092,807)	(6,575,750)	(7,517,057)	114 %

Nonoperating expenses were higher than prior year by \$7.5m or 114%. Similar to the reasons above, this variance is primarily due to lower investment earnings and a decrease in the fair value of investments.

Offsetting decrease was lower interest expense (lower rates on commercial paper during the year and continued principal payoffs).

Capital Contributions

Budget to Actual

	Actual YTD 2021	Budget YTD 2021	Variance \$	Variance %
CAPITAL CONTRIBUTIONS				
Grants	—	1,900,000	(1,900,000)	(100)%
Water Resource Sustainability Program	1,708,110	869,696	838,414	96 %
Developer Infrastructure Contributions	10,201,446	11,226,546	(1,025,100)	(9)%
Developer Will-serve Contributions (Net of Refunds)	5,632,381	4,185,412	1,446,969	35 %
Developer Capital Contributions - Other	11,461,850	10,242,156	1,219,694	12 %
Developer Facility Charges (Net of Refunds)	12,218,607	5,998,608	6,219,999	104 %
Contributions from Others	32,800	206,250	(142,200)	(52)%
Net Capital Contributions	41,355,194	34,697,418	6,657,776	19 %

Capital contributions were \$6.7m higher than budget for the fiscal year. This was mostly driven by developer facility charges. Developer facility charges include supply, treatment and storage charges. Both the volume of projects and higher dollar projects continue to come in leading to this variance. All other developer related cash contributions are up as well, reflecting continued new business volume in the area. Developer infrastructure contributions (non-cash) were lower due to timing of larger projects that are continuing to wrap up (these are not recorded until final mapping has occurred). Grant revenue is lower due to timing of receiving grant awards for two outstanding FEMA grants which are in process and expected to be received in FY 2022.

Year over Year

	Actual YTD 2021	Actual YTD 2020	Variance \$	Variance %
CAPITAL CONTRIBUTIONS				
Grants	—	232,153	(232,153)	(100)%
Water Resource Sustainability Program	1,708,110	1,484,443	223,667	15 %
Developer Infrastructure Contributions	10,201,446	20,145,641	(9,944,195)	(49)%
Developer Will-serve Contributions (Net of Refunds)	5,632,381	4,082,279	1,550,102	38 %
Developer Capital Contributions - Other	11,461,850	7,847,962	3,613,888	46 %
Developer Facility Charges (Net of Refunds)	12,218,607	9,657,274	2,561,333	27 %
Contributions from Others	132,800	386,937	(254,137)	(66)%
Net Capital Contributions	41,355,194	44,180,319	(2,825,125)	(6)%

Year over year, capital contributions are \$2.8m or 6% lower than the prior year. The main driver of this is developer infrastructure contributions which is \$9.9m lower. The volume of assets contributed decreased significantly in the 3rd and 4th quarters, however, this is expected to increase in FY 2022. Other developer

contributions are all higher than the prior year due to more new business activity and larger dollar projects. The largest increases include Rule 5 area fees which increased \$2.3m, storage/supply & treatment fees increased \$2.6m and TMWA received a direct contribution for construction of a booster pump station for \$1.5m.

Capital Spending

Cash spent on capital outlays and construction projects during the year was approximately \$38.3m. Total budgeted capital spend for fiscal year 2021 was \$54.7m. Top project spend for the year was -

- | | |
|---|--------|
| • Washoe Flume Reconstruction | \$5.1m |
| • Mt. Rose Water Treatment Plant | \$4.4m |
| • Customer Information System Replacement | \$3.0m |
| • Boomtown to TMWA Connection | \$2.4m |

Cash Position

At June 30, 2021 total cash on hand was \$230.4m or \$24.6m higher than at the beginning of the fiscal year. Of the total cash on hand, \$173.6m was unrestricted to be used to meet upcoming and future operating & maintenance expenses, principal & interest payments and construction project payments. The remaining \$56.8m 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 year ended June 30, 2021

	Actual YTD 2021	Budget YTD 2021	Variance \$	Variance %
OPERATING REVENUES				
Charges for Water Sales	\$ 109,822,836	\$ 102,260,229	\$ 7,562,607	7 %
Hydroelectric Sales	2,768,274	3,193,880	(425,606)	(13)%
Other Operating Sales	2,803,513	2,800,120	3,393	— %
Total Operating Revenues	115,394,623	108,254,229	7,140,394	7 %
OPERATING EXPENSES				
Salaries and Wages	23,101,987	24,563,727	(1,461,740)	(6)%
Employee Benefits	11,282,823	10,661,572	621,251	6 %
Services and Supplies	30,562,803	31,419,113	(856,310)	(3)%
Total Operating Expenses Before Depreciation	64,947,613	66,644,412	(1,696,799)	(3)%
Depreciation	33,286,373	33,518,852	(232,479)	(1)%
Total Operating Expenses	98,233,986	100,163,264	(1,929,278)	(2)%
OPERATING INCOME	17,160,637	8,090,965	9,069,672	112 %
NONOPERATING REVENUES (EXPENSES)				
Investment Earnings	2,550,864	2,854,243	(303,379)	(11)%
Net Increase (Decrease) in FV of Investments	(2,389,723)	—	(2,389,723)	— %
Gain (Loss) on Disposal of Assets	(1,755,873)	—	(1,755,873)	— %
Amortization of Bond/note Issuance Costs	(235,494)	(87,400)	(148,094)	169 %
Interest Expense	(12,262,581)	(12,514,133)	251,552	(2)%
Other Nonoperating Revenue	—	—	—	— %
Other Nonoperating Expense	—	—	—	— %
Total Nonoperating Revenues (Expenses)	(14,092,807)	(9,747,290)	(4,345,517)	45 %
Gain (Loss) Before Capital Contributions	3,067,830	(1,656,325)	4,724,155	(285)%
CAPITAL CONTRIBUTIONS				
Grants	—	1,900,000	(1,900,000)	(100)%
Water Resource Sustainability Program	1,708,110	869,696	838,414	96 %
Developer Infrastructure Contributions	10,201,446	11,226,546	(1,025,100)	(9)%
Developer Will-serve Contributions (Net of Refunds)	5,632,381	4,185,412	1,446,969	35 %
Developer Capital Contributions - Other	11,461,850	10,242,156	1,219,694	12 %
Developer Facility Charges (Net of Refunds)	12,218,607	5,998,608	6,219,999	104 %
Contributions from Others	—	—	—	— %
Net Capital Contributions	41,355,194	34,697,418	6,657,776	19 %
CHANGE IN NET POSITION	\$ 44,423,024	\$ 33,041,093	\$ 11,381,931	34 %

Truckee Meadows Water Authority

Comparative Statements of Revenues, Expenses and Changes in Net Position

For the year ended June 30, 2021

	Actual YTD 2021	Actual YTD 2020	Variance \$	Variance %
OPERATING REVENUES				
Charges for Water Sales	\$ 109,822,836	\$ 102,487,078	\$ 7,335,758	7 %
Hydroelectric Sales	2,768,274	3,298,850	(530,576)	(16)%
Other Operating Sales	2,803,513	2,286,729	516,784	23 %
Total Operating Revenues	115,394,623	108,072,657	7,321,966	7 %
OPERATING EXPENSES				
Salaries and Wages	23,101,987	21,455,982	1,646,005	8 %
Employee Benefits	11,282,823	11,529,749	(246,926)	(2)%
Services and Supplies	30,562,803	27,808,959	2,753,844	10 %
Total Operating Expenses Before Depreciation	64,947,613	60,794,690	4,152,923	7 %
Depreciation	33,286,373	33,327,134	(40,761)	— %
Total Operating Expenses	98,233,986	94,121,824	4,112,162	4 %
OPERATING INCOME	17,160,637	13,950,833	3,209,804	23 %
NONOPERATING REVENUES (EXPENSES)				
Investment Earnings	2,550,864	4,119,737	(1,568,873)	(38)%
Net Increase (Decrease) in FV of Investments	(2,389,723)	3,410,242	(5,799,965)	(170)%
Gain (Loss) on Disposal of Assets	(1,755,873)	(1,189,776)	(566,097)	48 %
Amortization of Bond/note Issuance Costs	(235,494)	(216,981)	(18,513)	9 %
Interest Expense	(12,262,581)	(12,698,972)	436,391	(3)%
Other Nonoperating Revenue	—	—	—	— %
Other Nonoperating Expense	—	—	—	— %
Total Nonoperating Revenues (Expenses)	(14,092,807)	(6,575,750)	(7,517,057)	114 %
Gain (Loss) Before Capital Contributions	3,067,830	7,375,083	(4,307,253)	(58)%
CAPITAL CONTRIBUTIONS				
Grants	—	232,153	(232,153)	(100)%
Water Resource Sustainability Program	1,708,110	1,484,443	223,667	15 %
Developer Infrastructure Contributions	10,201,446	20,145,641	(9,944,195)	(49)%
Developer Will-serve Contributions (Net of Refunds)	5,632,381	4,082,279	1,550,102	38 %
Developer Capital Contributions - Other	11,461,850	7,847,962	3,613,888	46 %
Developer Facility Charges (Net of Refunds)	12,218,607	9,657,274	2,561,333	27 %
Contributions from Others	—	343,630	(343,630)	(100)%
Net Capital Contributions	41,355,194	44,180,319	(2,825,125)	(6)%
CHANGE IN NET POSITION	\$ 44,423,024	\$ 51,555,402	\$ (7,132,378)	(14)%



STAFF REPORT

TO: Board of Directors
THRU: Mark Foree, General Manager
FROM: Jessica Atkinson, Human Resources Manager
DATE: September 1, 2021
SUBJECT: Discussion and action regarding General Manager performance review for contract year 2020/2021 and discussion and action on possible lump sum award and/or other compensation adjustment

Recommendation

The TMWA Board review General Manager Mark Foree's performance results for the past contract year and consider a possible compensation adjustment beyond that which was provided for in Foree's employment contract and became effective July 1, 2021. Additional compensation adjustments for consideration could include an adjustment to annual salary and/or lump sum award.

Discussion

In October 2020, the Board adopted the specific objectives that the General Manager would be working to accomplish during the contract year and that the Board would use to evaluate the performance of the General Manager. The General Manager's evaluation report of accomplishments related to the goals set by the Board last year is shown in **Attachment 1**.

The results of the GM evaluation survey completed by 1) Board members and 2) Division/Department Heads (direct reports to GM) is shown in **Attachment 2**.

During the September 19, 2018 Board meeting, the TMWA Board approved for the General Manager's salary to adjust to the "market" step on July 1, 2019 and automatically adjust each July 1 thereafter to the "market" step of the General Manager wage band.

Consistent with this direction, on July 1, 2021, Mark Foree's salary was adjusted from \$237,311 annually to the "market step" of the General Manager wage band at \$243,007 annually. This 2021 adjustment totaled 2.40%.

The TMWA General Manager's employment agreement (**Attachment 3**) limits the annual compensation adjustment (base salary adjustment plus any lump sum award) to 10% of current annual salary.

Note: On September 18, 2018, the Board approved Mr. Foree's employment contract to be effective beginning October 15, 2018 for a two-year term with an automatic two-year extension unless either party provides written notice not extend the Term of Employment to the other party no later than May 31, 2020. As neither party provided such written notice, Mr. Foree's term of employment automatically extended by two years beginning October 15, 2020 through October 15, 2022.



STAFF REPORT

TO: Chairman and Board Members
FROM: Mark Foree, General Manager
DATE: August 31, 2021
SUBJECT: General Manager's report related to performance on goals adopted by the Board for contract year 2020/2021

RECOMMENDATION

The TMWA Board review the General Manager's performance results for the past contract year.

DISCUSSION

In September 2020, the Board adopted the following specific objectives that the General Manager would be working to accomplish during the contract year and that the Board would use to evaluate the performance of the General Manager. The following is a brief summary of results.

GENERAL OBJECTIVES		RESULTS
A	Direct the preparation of and propose financial plans, investment strategies, funding plans and adjustments to rates and charges that will continue to keep TMWA in long term financial stability; including preparation of budgets and Capital Improvement Plans and financial reporting that comply with Nevada Revised Statutes and the Securities and Exchange Commission (SEC).	Fiscal budgets including the Capital Improvement Plan were prepared and presented to the Board for preliminary and final approval. Regular updates regarding financial picture and investments were presented. During the year, TMWA refinanced the remaining \$13m of variable rate commercial paper to a fixed rate, third-level subordinate lien in a direct issuance with Wells Fargo. The new debt carries an interest rate of 1.19% with level debt service (payoff) over seven years.
B	Develop proactive communications plans to address upcoming issues (e.g., topics affecting water supply, drought planning, regional water issues, utility water system consolidation and rate changes) and to keep all stakeholders including the Board, the employees, and the customers informed through a variety of mediums. Respond to media inquiries and provide informational interviews.	Communications were delivered through multiple media including newsprint, a myriad of broadcast interviews, various presentations before local groups and legislative sub-committees, bill print messages, bill inserts, TMWA's e-newsletter, workshops and special events booths. Focus this year was on water supply, conservation, drought, water quality, and updates to TMWA's Water Resource Plan. TMWA maintained communications around its response related to the coronavirus (COVID-19) pandemic and its operations, water quality, community outreach and employee safety.

GENERAL OBJECTIVES (continued)	RESULTS
<p>C</p> <p>Continue having and improve on a community presence for TMWA through the Water Leadership program and participation in community committees, boards, and networking organizations and by providing presentations and information to these groups; offer Truckee River, Chalk Bluff Plant and/or other informational tours to the community.</p>	<p>TMWA staff continues to participate in a multitude of organizations including Rotary, The Chamber, WaterStart, EDAWN, WIN, Nevada Water Innovation Institute (NWII), and participated in multiple community events. Staff continued with virtual presentations to schools and organizations like Rotary, the Builders Association of Northern Nevada (BANN), and homeowner's associations (HOA's) and have touched on many topics including water supply, drought planning, conservation, development/growth and more. Due to the COVID-19 pandemic, TMWA had to cancel its fourth Smart About Water (SAW) Day event along with participating in other community events such as Earth Day and One Truckee River (OTR) month.</p>
<p>D</p> <p>Continue to create a highly productive work environment and a highly motivated employee team by developing, training, retaining and recruiting the highest quality employees.</p>	<p>TMWA again achieved favorable rating of over 90% in our annual third party administered Customer Satisfaction Survey – this outstanding result is a tribute to TMWA's talented and highly motivated employees. TMWA continues to maintain high certification levels for staff and provides both internal and external training opportunities, and despite the fact that the majority of conferences scheduled for 2020-21 were cancelled due to the pandemic, continue to do so with virtual training. To further this endeavor, staff has engaged in virtual brown bag lunch sessions and tours of our facilities. During the pandemic TMWA continued operations at a Level 2 with the majority of employees working remotely or reporting directly to the field, virtual tours and employee sessions continued to keep employees engaged and connected. As of June 1, TMWA opened its front lobby and offices, and returned to normal operations.</p>
<p>E</p> <p>Strive for continuous improvements in processes and operations targeting initiatives that will enhance revenues and/or reduce operating costs thus keeping customer rates as low as possible.</p>	<p>TMWA's Operating Margin (Operating Revenue minus Expenses) ended up \$10.6 million more favorable than budget, while capital spend was approximately \$16.4m (30%) under budget (these numbers may change slightly following year-end adjustments for PERS and OPEB). TMWA's leadership regularly reviews operating costs compared to budget to help develop cost saving measures. TMWA has continued to manage operating revenues and expenses to budget to maintain low customer rates, especially during these unprecedented times of the coronavirus pandemic. Also, due to the impact of the pandemic on the community, TMWA suspended all shut-offs due to non-payment. Staff continues to communicate to our customers to let us know if they are experiencing hardship in order to set up a payment plan for any outstanding charges. Additionally, through Reno Housing Authority, qualified TMWA customers who were renters, could apply for utility bill assistance under provisions of the CARES Act.</p>

ONGOING OPERATIONAL OBJECTIVES		RESULTS
a	Monitor federal legislation for opportunities to obtain funding for a variety of TMWA projects.	In fall 2019, TMWA applied for and received a Bureau of Reclamation (BOR) matching funds grant of \$1.8M dollars to evaluate the benefits of adaptively managing federal reservoirs on the Truckee River system during the winter months for improved water supply while maintaining current levels of flood protection under a changing climate. This work is ongoing and is entering the second year of the three-year planned study.
b	Carefully analyze opportunities to acquire water rights and resources in the market in consideration of current inventory and financial constraints. Ensure adequate resources are available through TMWA's Rule 7 as directed by the Board.	Staff had the opportunity to acquire 1,100 acre feet of Truckee River water rights for return flow will serve plus \$8.9 million paid to TMWA. Staff presented this to the Board for approval at their April meeting.
c	Provide staff support to the SAC, Truckee Meadows Community Forestry Coalition and the Truckee River Fund (TRF) Advisors and ensure communications regarding TRF projects.	This was done.
d	Manage and direct activities relative to legal issues, keeping the Board informed on all such matters.	This was done.
e	Update TMWA Administrative Instructions as required to ensure they are compliant with applicable laws and current practices. Deliver updates to the Board and employees, and implement the changes.	Staff has reviewed all administrative instructions and provided feedback for recommended changes. These have been provided to legal for a comprehensive review and we are expecting a draft back shortly.
f	Minimize cost impacts to customers by maximizing investment and hydroelectric income, pursuing revenue enhancement and collection opportunities, pursuing process improvements and projects that drive savings in TMWA expenses, and actively pursuing grant/low-interest loan funding for projects.	TMWA generated over \$2.7 million in hydroelectric revenue this year and plant availability was at 100% with exception of our one force majeure event. TMWA meets regularly with investment managers to optimize investment returns while ensuring compliance with TMWA's investment policy. These items along with recurring operating cost reviewed by management will keep TMWA's rates as low as possible.

	SPECIFIC OBJECTIVES	RESULTS
1	<p>Develop customer conservation communications plan for the 2021 irrigation season, including water supply planning, and detailed public/customer communications/outreach plan - present to the SAC for their recommendation and Board for approval no later than the April Board Meeting.</p>	<p>The communication plan was completed and implemented by staff at the outset of the irrigation season and presented to the Board at their April meeting. As of June 30, 2021, upstream reservoir storage was about only 30% of capacity after our second consecutive significantly below average snowpack year. The elevation of Tahoe on June 30 was just 1.77' above the rim, runoff into the lake was only 11% of normal this year, hammering home the fact that this region is in a drought. Donner Lake did not quite fill, and Lake Tahoe is projected to go below the rim by the end of October (2021). Drought reserves have never been in better shape however, with about 52,000 acre-feet in storage as of June 30, 2021. Approximately 5,000-6,000 AF of this drought storage will be used to meet customer demand beginning the end of August as river flows begin to drop off and Floriston Rates can no longer be maintained. The region will go into this upcoming winter with plenty of water in storage but otherwise completely dependent on the outcome of this winter for Truckee River flows in 2022. Advertising and messaging focused on continued responsible water use, with enhanced conservation measures being taken this summer as this was a drought year while still in the pandemic and assuring customers they would not be shut-off for non-payment during the pandemic lockdown (2020 timeframe). The effort has been successful in changing the dialogue with customers by taking a more proactive stance in educating and informing the community. The campaign continues to be well received by our customers.</p>
2	<p>Finalize the 2020-2040 Water Resource Plan (WRP) by incorporating feedback received from the public and as directed by the Board and provide completed plan to the SAC for their recommendation and to the Board for approval/adoption; forward adopted plan to the Western Regional Water Commission (WRWC) for incorporation into the Regional Water Management Plan.</p>	<p>TMWA presented the final 2020-2040 Water Resource Plan to the Board in October for final approval and was approved unanimously.</p>

	SPECIFIC OBJECTIVES (continued)	RESULTS
3	Continue working with city and county staff regarding regional water issues (including wastewater, effluent management stormwater, etc.), regional economic development initiatives, etc. including the OneWater Nevada initiative that includes pilot testing and analysis related to infiltrating or injecting highly treated wastewater into the ground for later use, assistance with TMWRF return flow obligations, etc.	TMWA staff has continued to work extensively with the cities and county, Tahoe Reno Industrial General Improvement District (TRIGID), Switch and Google regarding the planned delivery of reclaimed water to the TRIGID system for industrial use, with a focus on water rights and the return flow management agreement. TMWA continues in a leadership role along with OneWater Nevada and UNR to investigate the feasibility of groundwater augmentation using Category A+ advanced purified water. Staff successfully managed the implementation and operation of a small scale advanced purified water pilot treatment process at the RSWRF this year. Recharge of the A+ water occurred in September and October with positive results. Assessments of the hydrogeologic feasibility of infiltrating or injecting advanced purified water in Stead and Palomino Valley continues. TMWA staff continues to provide technical support to the Regional Effluent Management Team (made up of representatives from the Cities of Reno, Sparks, Washoe County, UNR and WRWC) in evaluating various effluent management strategies. TMWA staff continues to work with Reno staff on development of an Interlocal Agreement for funding and design of the Advanced Purified Water Demonstration Project at American Flat.
4	Continue analyzing water supply options related to fringe area development where private systems exist, make recommendations to Board and follow Board direction regarding same.	Staff engages in ongoing coordination with Great Basin Water Company in Cold Springs and Spanish Springs Valley. Additionally, staff is coordinating efforts with Reno, Sparks and Washoe County related to the feasibility of a recycled water irrigation and water banking project at Palomino Farms. The project concept was received favorably by area residents. Staff continues to analyze water supply options related to fringe area development where private systems exist and will bring any recommendations to the Board when they arise.
5	Monitor and participate in Legislative activities during the 2021 Legislative Session, prepare and deliver presentations to Legislative Committees as requested, schedule meetings with staff, Board legislative committee members, lobbyists and legislators, keep the Board updated and informed regarding legislative matters, and pursue Board direction regarding Legislative issues. Facilitate open communications between legislators and the TMWA Board.	Staff monitored legislative activities and worked closely with TMWA legal counsel and lobbyists. Staff provided reports to TMWA's Legislative Subcommittee and the Board and received input from same and testified accordingly on various bills. Also, TMWA staff and lobbyist met with legislators to amend bills that negatively impacted TMWA. Most notable of the bills were: AB3, AB6, AB97, AB146, AB356, SB67 and SCR11. TMWA staff continues to monitor legislative issues carried forward from the 2021 Regular Session into the interim session and regulatory issues and will update the Interim TMWA Legislative Subcommittee as appropriate.

SPECIFIC OBJECTIVES (continued)		RESULTS
6	Update the 5-year Funding Plan and present to the SAC and the Board. Propose Board actions based on the results of the planning cycle updates. Implement Board direction with regard to funding plan outcomes.	This was done at the Board Strategic Planning Workshop in October 2020.
7	Analyze the need for any necessary rule changes, water facility charge adjustments, etc. and report results of analysis to the SAC and Board of Directors and follow Board direction regarding same.	Phase 3 rate adjustment of 2.5% went into effect May 2021. Staff presented a public outreach plan to the Board at their June meeting to address potential adjustments to BSF & WSF with planned implementation in winter 2022.
8	Continue to develop/refine strategies to optimize conjunctive use of surface water and groundwater resources; further develop/refine drought supply operational strategies; and implement plans.	TMWA continues to recharge groundwater to support water quality improvement goals. TMWA is working with the Nevada Division of Water Resources and the Nevada Division of Environmental Protection for permit coverage on 27 additional wells. Through conjunctive use, groundwater pumping was reduced by about 2,300 last year acre-feet between the Mt. Rose, Spanish Springs, Lemmon Valley and former STMGID areas, and 342 acre-feet was recharged system-wide during FY 2021.
9	Continue to develop, refine and implement strategies to mitigate pre-merger groundwater conditions on the Mt. Rose fan including completion of construction and starting up the Mt. Rose Water Treatment Plant.	TMWA has continued to rest groundwater wells on the Mt. Rose fan in areas where other resources are available. Water levels are continuing to respond favorably to these passive recharge efforts. TMWA is also in the final stages of construction of the Mt. Rose Water Treatment Plant (scheduled to be operational in spring 2022), which will allow for expansion of the active recharge program on the Mt. Rose fan.
10	Develop and implement a staffing plan to address and fill vacancies created by senior leadership retirements (General Manager, Director Engineering and Director Distribution) scheduled to occur in 2022. Continue staff development in support of TMWA's succession plan (as reviewed with the Board at the August 2019 meeting) with a focus on leadership and critical position succession.	TMWA has continued to exercise its succession plan as presented to the Board in August in 2019. For vacancies that will be created by the retirements of senior leaders in the fall of 2022, we have identified ready and qualified internal candidates that can step up in both on an interim and on a regular/ongoing basis. When ready to post the director level positions, we have identified a ready and qualified candidate pool. Additionally, we made organizational structure changes to ensure we have the right people in the right roles to facilitate successful transitions. We provided an update to the Board during the August 2021 meeting, outlining our plan and transition timelines.
11	NEW: Working under the terms of the MOU with Carson City and Storey County, determine surplus water availability to TMWA from the Marlette Lake Water System.	Both Carson City and Storey County worked on updating their future water demand needs. Those reports are now available, and discussions will resume this fall with all parties to identify surplus water potentially available to TMWA.



General Manager Performance Evaluation for FY2021

Introduction

The General Manager's performance evaluation consists of an annual appraisal by the Board of Directors, as provided for in the General Manager's employment agreement.

The purpose of the evaluation process is to maintain a strong Board/Manager team by ensuring open and productive communication on an annual basis. During this formal review process, there is an opportunity to identify areas of satisfaction and areas for growth or needing change as identified by the Board.

The evaluation will be completed by each member of the Board.

The Executive Team and Department Heads reporting to the General Manager have been invited to participate in this performance review process.

The Human Resources Manager is the facilitator for this process, and will gather input from the confidential survey completed by each of the above-referenced individuals. A staff report and the summary results from the evaluation survey will be provided as supporting materials for the public meeting at which the TMWA Board reviews the annual performance of the General Manager.

Rating Criteria:

For each performance criteria, please use the following rating scale:

E – Exceeds your expectations

M – Meets your expectations

AG - Areas for growth

NA – Not applicable

Truckee Meadows Water Authority - General Manager FY2021 Performance Evaluation

Survey Data Summary Sheet

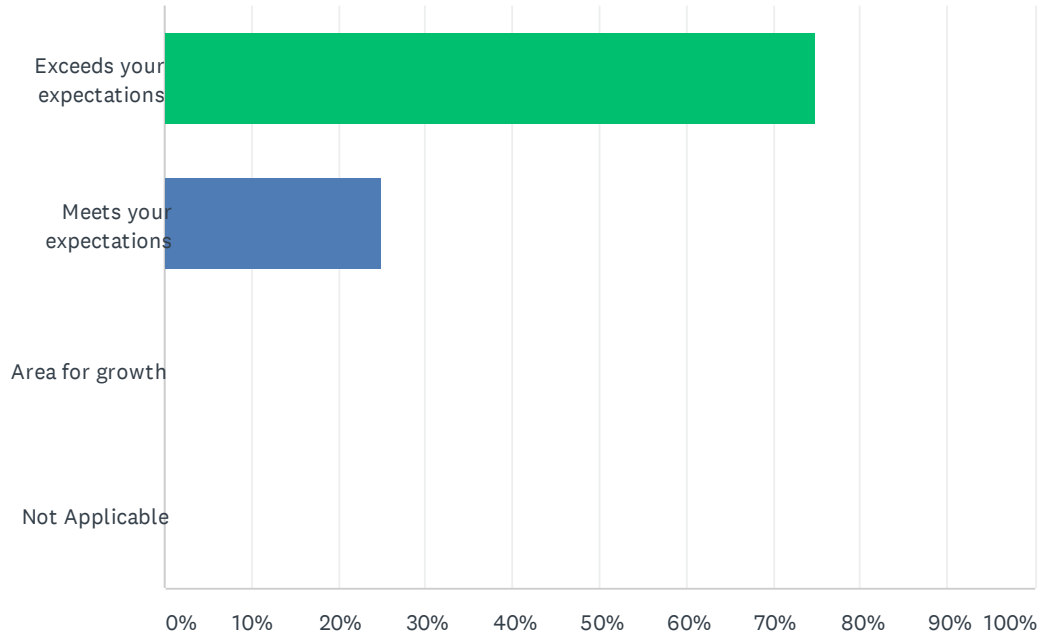
Rating Scale				
E-Exceeds your expectations		AG-Areas for growth		
M-Meets your expectations		NA-Not Applicable		
# of Responses				Criteria
E	M	AG	NA	Organizational Leadership
9	3	0	0	<ul style="list-style-type: none"> •Anticipates and clearly communicates risks and changes in market conditions and other factors affecting TMWA's fulfillment of its Vision and Business objectives; •Participates with Board and Staff in strategic planning; •Clearly articulates and advances the strategic priorities to be addressed over the next 3-5 years; •Sets and communicates clear operational priorities for the organization; •Implements new programs and services growing out of the strategic planning process; •Creates and maintains a high performing culture in the organization including strong employee morale, accountability, and cohesiveness; •Performs as the leading role model, setting high professional work standards and pursues goals with honesty, respect, determination, and initiative; •Handles emergencies and crisis situations in an effective, efficient, and professional manner; •Directs the utilization of TMWA resources effectively.
Organizational Leadership – Additional Comments 1.Mark does well in clearly articulating the strategic priorities of TMWA. He also serves as a role model, setting the culture of the organization. 2.He has always been available and willing to help as we communicate policy and procedures to our citizens. 3.Mark's ability to lead the organization is instinctual. His knowledge and experience is vast and the organization as well as the community is lucky to have had the benefit of his leadership for so long. 4.Mark clearly displays a strong work ethic and sets and excellent example for the organization. 5.Mark has a good feel for the community and he communicates risks and changes affecting TMWA. His experience allows him to handle emergencies and crisis situations in an effective, efficient, and professional manner; and he is adept at directing TMWA resources effectively.				
E	M	AG	NA	Relations with Board/Governance
6	5	0	1	<ul style="list-style-type: none"> •Communicates necessary information openly and honestly in a timely and organized fashion; •Establishes and maintains positive and effective working relationships with each member of the Board; •Has been consistently available to individual Board members whenever necessary; •Conforms to Board policies and directives; •Demonstrates a respectful understanding of the Board's governance role and has supported the Board in its oversight of the organization; •Contributes significant information and important agenda topics for discussion at Board level; •Synthesizes information and frames issues and questions in a manner for the Board to make appropriate decisions; •Makes periodic reports to the Board regarding important aspects of TMWA's functions and operations, highlighting both achievements and areas of concern.
Relations with Board/Governance – Additional Comments 1.Mark makes himself available to board members, quickly responding to questions and concerns. 2.I appreciate his leadership and professionalism. 3.Mark communicates necessary information openly and honestly, and frames issues and questions for the Board to make appropriate decisions.				
E	M	AG	NA	Communication Skills
6	6	0	0	<ul style="list-style-type: none"> •Negotiates effectively and is able to handle difficult situations; •Is concise and persuasive orally and in writing; •Listens to what is said and is sensitive to the impact on others; •Demonstrates empathy regarding others and exhibits concern for everyone as individuals; •Exercises good judgement in dealing with sensitive issues between individuals or between groups; •Effectively delivers presentations and engages with the media; •Communicates effectively with Board leadership and Board members.
Communication Skills – Additional Comments 1.Mark has demonstrated very good communications on all levels of his position. 2.He listens well and is ready to help where he can. 3.Mark listens and is sensitive to the impact on others, especially during the Covid pandemic, and is concerned for everyone. His experience provides good judgement in dealing with sensitive issues.				

E	M	AG	NA	Relations with Community and Stakeholders
9	3	0	0	<ul style="list-style-type: none"> •Ability to relate well to others and to make people feel at ease, even in difficult situations; •Ability to gain the trust and confidence of the public; •Fosters contact and cooperation among citizens, community organizations and other government agencies; •Understand and embraces the concept of inter-local cooperation when appropriate; •Fosters cooperative communications and working relationships within the community to ensure that TMWA remains a significant partner within the community; •Maintains affiliation with professional associations relevant and beneficial to the successful operation of TMWA.
Relations with Community and Stakeholders – Additional Comments 1.Mark has embraced regional inter-local cooperation, communications and working relationships within the community to ensure that TMWA remains a significant regional partner. The American Flat project and the Palomino Farms feasibility study are two current examples.				
E	M	AG	NA	Management of Staff
8	4	0	0	<ul style="list-style-type: none"> •Establishes and maintains positive and effective working relationships with staff; •Models behaviors and attitudes which promote individual responsibility, programmatic and professional excellence and creative initiative; •Facilitates teamwork and collaboration; •Encourages innovative thinking and solutions and effectively incorporates the ideas and contributions of others; •Shares knowledge with others; •Appropriately delegates authority, granting proper authority at proper times; •Addresses employee issues promptly and effectively; •Encourages and rewards initiative; •Promotes cohesive teamwork with the TMWA Senior Management Team.
Management of Staff – Additional Comments 1.His succession planning is a practice example of his ability to lead and strategic approach. 2.Mark promotes an inclusive workplace that not only enables but encourages a comfortable, collaborative environment in all levels of the organization. This is demonstrated by TMWA's extremely low level of staff turnover. 3.TMWA's culture and performance speaks directly to Mark's leadership.				
E	M	AG	NA	Personal Effectiveness
8	4	0	0	<ul style="list-style-type: none"> •Maintains a professional image that reflects positively on the organization and builds trust and support from all stakeholders; •Demonstrates empathy regarding others and exhibits concern for everyone as individuals; •Skillfully analyzes and addresses problems, challenges and conflicts while comfortably navigating ambiguity and complexity; •Adapts quickly and is flexible to new demands and changes; •Performs at a very high standard of ethics and integrity; •Ensures that the organization, its staff and its programs operate in compliance with all applicable local, state, and federal law and regulations; •Pursues profession development resulting in increased capabilities and potential.
Personal Effectiveness – Additional Comments 1.Mark continually demonstrates professionalism in his performance as a general manager. He has a high standard of ethics and integrity. 2. TMWA is a strong partner in our community because of the work he does and the leaders he brings around him. 3.Again, a reflection of TMWA's culture, the organization, staff and its programs operate in compliance with all applicable local, state, and federal laws and regulations.				
92	117	0	1	Total number of responses by rating all categories combined
44%	56%	0%		Total % rating all categories combined
Overall Comments				
1	I am pleased and thankful for his years of service.			
2	Organized, thoughtful, strategic and thorough. TMWA is under fantastic management.			
3	Mark has done and continues to do an exceptional job leading the organization! I appreciate his leadership and support!			
4	I couldn't be more pleased with Mr. Foree's performance!			
5	Mark will be missed when he retires, but he is leaving the organization in good hands through a well thought out and active succession plan.			

Please identify any future performance objectives you may have for the General Manager	
1	I believe that we are at a tipping point in the future of TMWA due to large growth in Washoe County and climate change. I'd like to see the leadership at TMWA tackle conservation and incentives to saving water more aggressively. I think that there are a lot of ways to do this and not lose revenues - for example creating partnerships with our tribal neighbors to the north. There are many creative things being done by water agencies throughout the west and world that it would be great to see our leadership look at these best practices to update our per capita use of water, water efficiency codes, landscape retrofit funds, and managing water loss. I'd also like to see continual reevaluation of water models due to extreme climate change and the possibility of a Washoe County Lands Bill.
2	Keep up the good work. Continue developing your team and looking toward the future of TMWA and our community.
3	Enjoy your retirement when it comes. Continue to lead strong and hand off the baton with grace.
4	Don't retire 😊
5	Continue advancing the ASR program with an emphasis on highly treated effluent, and how that potential water supply may be used to stabilize our region's groundwater resources.
6	Spend more time in Jackson Hole!

Q1 Organizational Leadership - Evaluation Rating:

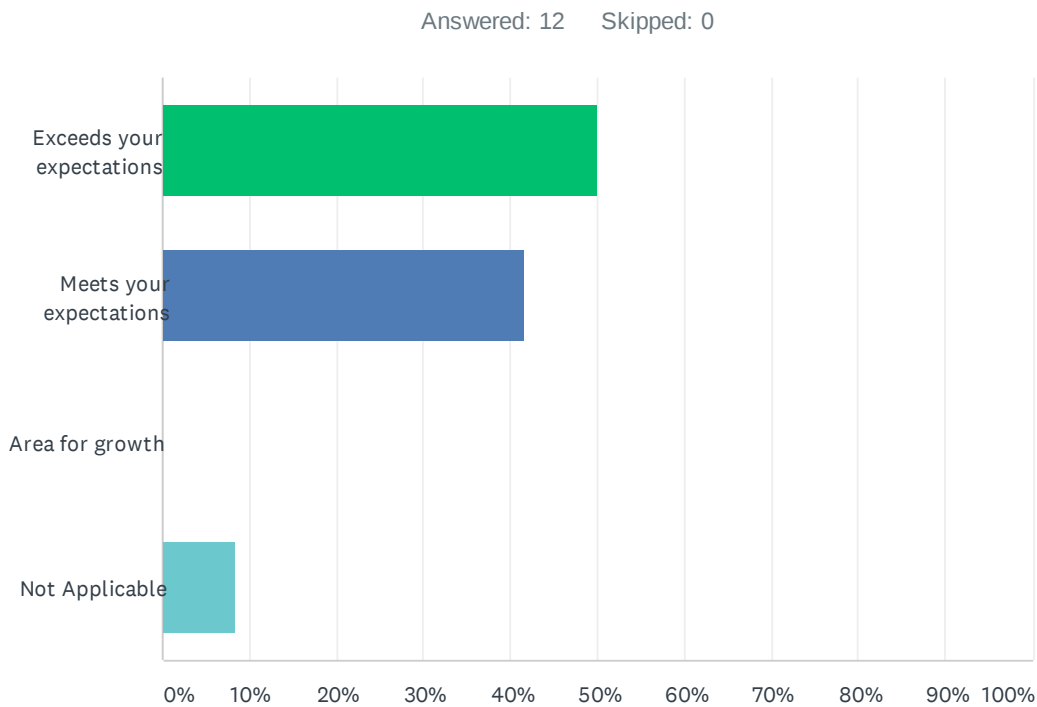
Answered: 12 Skipped: 0



ANSWER CHOICES	RESPONSES	
Exceeds your expectations	75.00%	9
Meets your expectations	25.00%	3
Area for growth	0.00%	0
Not Applicable	0.00%	0
TOTAL		12

#	USE THE SPACE BELOW TO PROVIDE ANY ADDITIONAL COMMENTS YOU MAY HAVE FOR THIS RATING CATEGORY.	DATE
1	Mark does well in clearly articulating the strategic priorities of TMWA. He also serves as a role model, setting the culture of the organization.	9/6/2021 4:20 PM
2	He has always been available and willing to help as we communicate policy and procedures to our citizens.	9/6/2021 3:02 PM
3	Mark's ability to lead the organization is instinctual. His knowledge and experience is vast and the organization as well as the community is lucky to have had the benefit of his leadership for so long.	9/2/2021 12:23 PM
4	Mark clearly displays a strong work ethic and sets an excellent example for the organization.	9/1/2021 9:19 AM
5	Mark has a good feel for the community and he communicates risks and changes affecting TMWA. His experience allows him to handle emergencies and crisis situations in an effective, efficient, and professional manner; and he is adept at directing TMWA resources effectively.	8/26/2021 3:08 PM

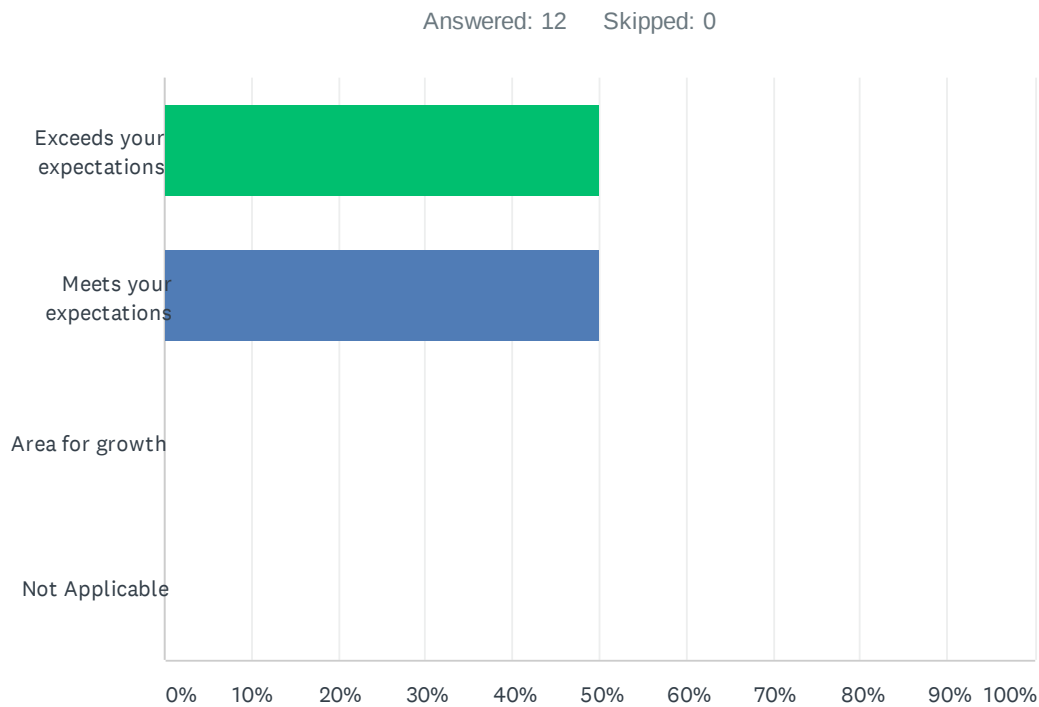
Q2 Relations with Board/Governance- Evaluation Rating:



ANSWER CHOICES	RESPONSES	
Exceeds your expectations	50.00%	6
Meets your expectations	41.67%	5
Area for growth	0.00%	0
Not Applicable	8.33%	1
TOTAL		12

#	USE THE SPACE BELOW TO PROVIDE ANY ADDITIONAL COMMENTS YOU MAY HAVE FOR THIS RATING CATEGORY.	DATE
1	Mark makes himself available to board members, quickly responding to questions and concerns.	9/6/2021 4:26 PM
2	I appreciate his leadership and professionalism.	9/6/2021 3:02 PM
3	Mark communicates necessary information openly and honestly, and frames issues and questions for the Board to make appropriate decisions.	8/26/2021 3:11 PM

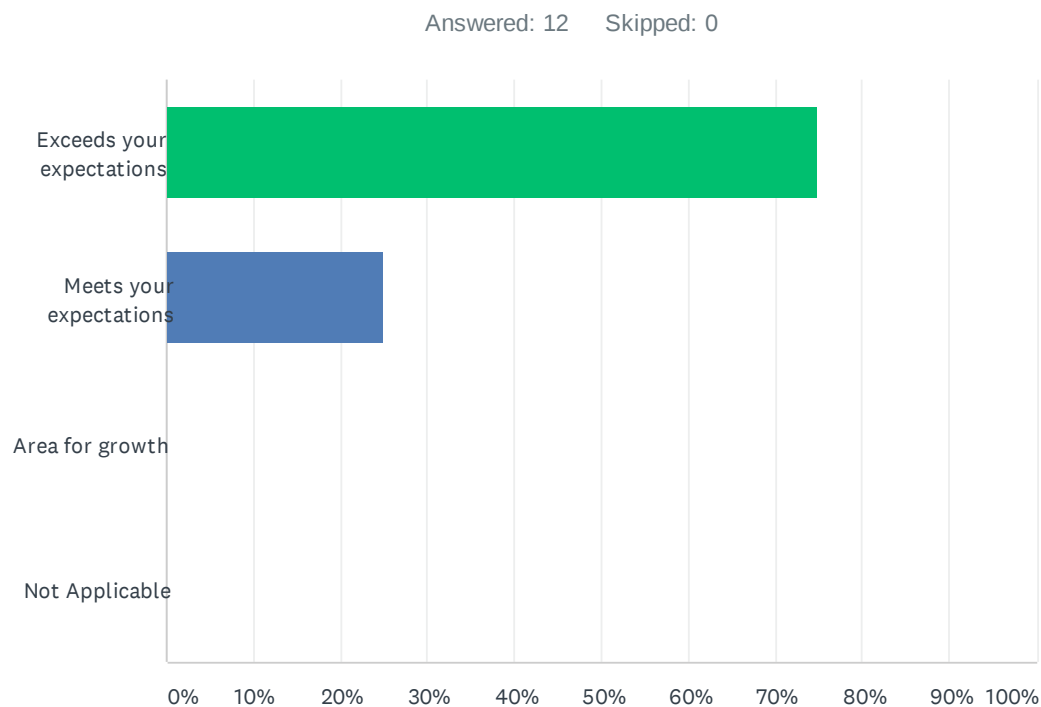
Q3 Communication Skills- Evaluation Rating:



ANSWER CHOICES	RESPONSES	
Exceeds your expectations	50.00%	6
Meets your expectations	50.00%	6
Area for growth	0.00%	0
Not Applicable	0.00%	0
TOTAL		12

#	USE THE SPACE BELOW TO PROVIDE ANY ADDITIONAL COMMENTS YOU MAY HAVE FOR THIS RATING CATEGORY.	DATE
1	Mark has demonstrated very good communications skills on all levels of his position.	9/6/2021 4:26 PM
2	He listens well and is ready to help where he can.	9/6/2021 3:03 PM
3	Mark listens and is sensitive to the impact on others, especially during the Covid pandemic, and is concerned for everyone. His experience provides good judgement in dealing with sensitive issues.	8/26/2021 3:16 PM

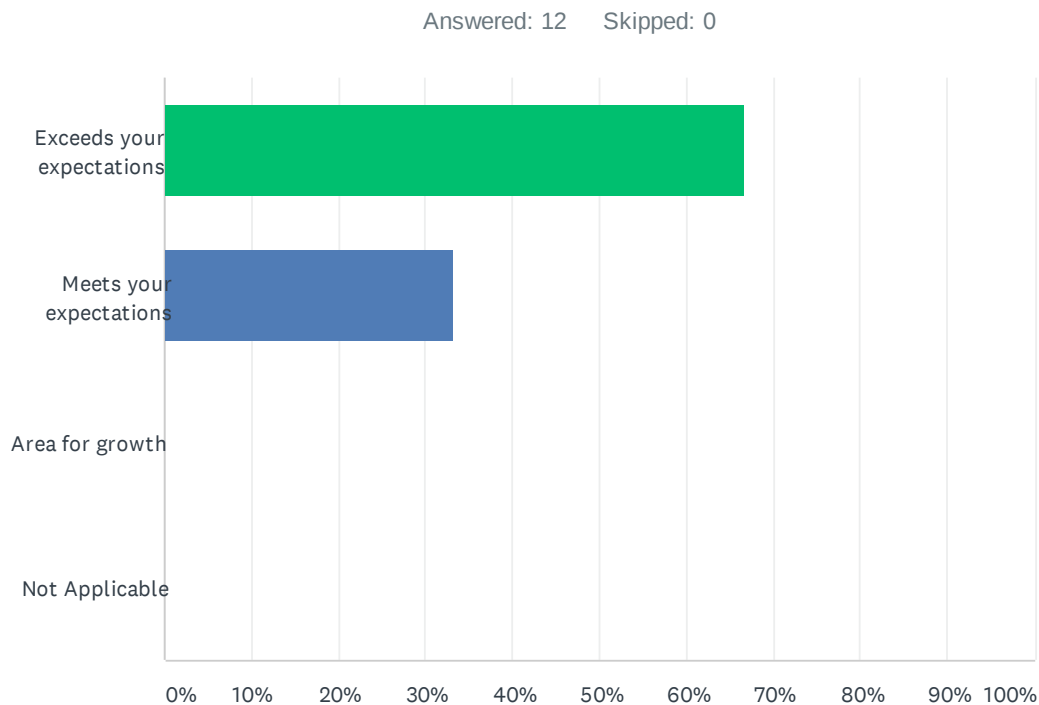
Q4 Relations with Community/Stakeholders- Evaluation Rating:



ANSWER CHOICES	RESPONSES	
Exceeds your expectations	75.00%	9
Meets your expectations	25.00%	3
Area for growth	0.00%	0
Not Applicable	0.00%	0
TOTAL		12

#	USE THE SPACE BELOW TO PROVIDE ANY ADDITIONAL COMMENTS YOU MAY HAVE FOR THIS RATING CATEGORY.	DATE
1	Mark has embraced regional inter-local cooperation, communications and working relationships within the community to ensure that TMWA remains a significant regional partner. The American Flat project and the Palomino Farms feasibility study are two current examples.	8/26/2021 3:19 PM

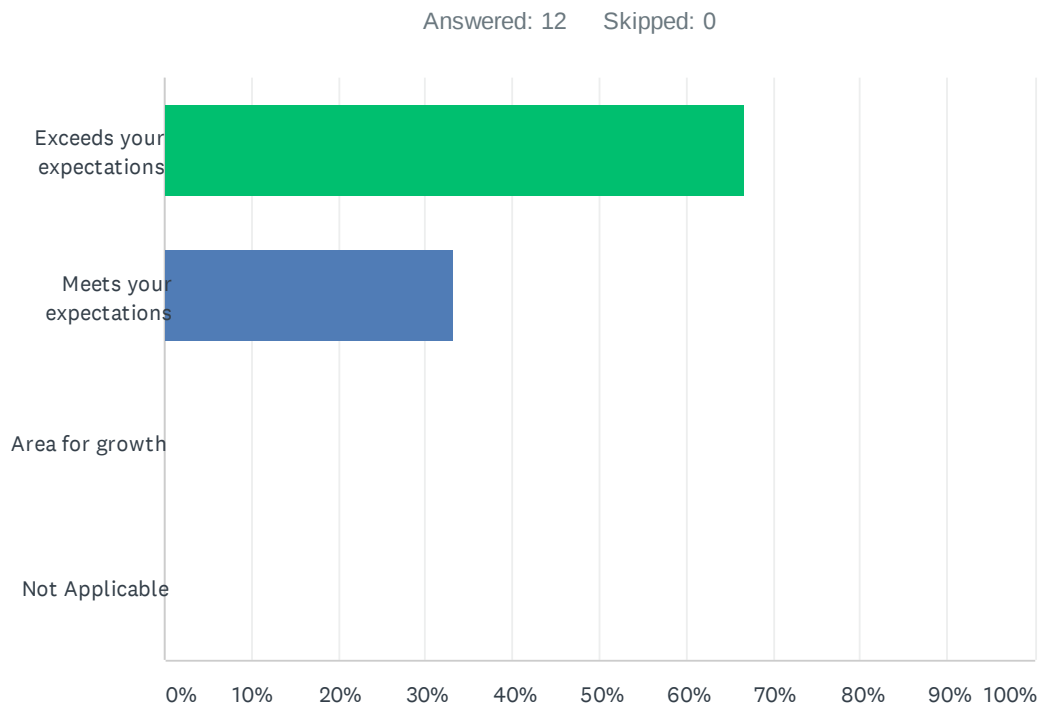
Q5 Management of Staff- Evaluation Rating:



ANSWER CHOICES	RESPONSES	
Exceeds your expectations	66.67%	8
Meets your expectations	33.33%	4
Area for growth	0.00%	0
Not Applicable	0.00%	0
TOTAL		12

#	USE THE SPACE BELOW TO PROVIDE ANY ADDITIONAL COMMENTS YOU MAY HAVE FOR THIS RATING CATEGORY.	DATE
1	His succession planning is a practical example of his ability to lead and strategic approach.	9/6/2021 3:04 PM
2	Mark promotes an inclusive workplace that not only enables but encourages a comfortable, collaborative environment in all levels of the organization. This is demonstrated by TMWA's extremely low level of staff turnover.	9/1/2021 9:21 AM
3	TMWA's culture and performance speaks directly to Mark's leadership.	8/26/2021 3:22 PM

Q6 Personal Effectiveness - Evaluation Rating:

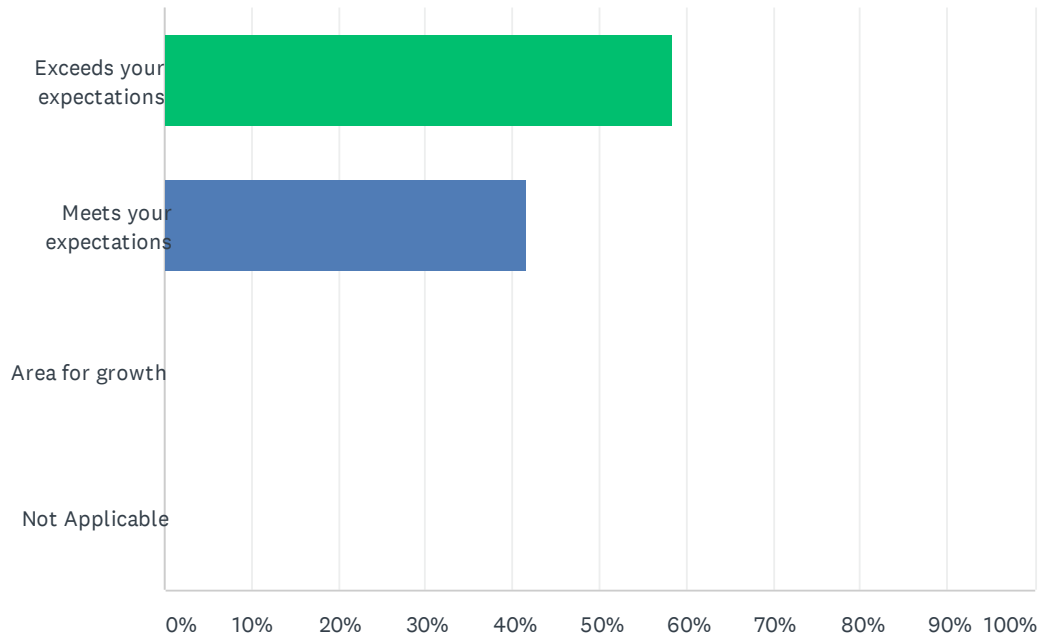


ANSWER CHOICES	RESPONSES	
Exceeds your expectations	66.67%	8
Meets your expectations	33.33%	4
Area for growth	0.00%	0
Not Applicable	0.00%	0
TOTAL		12

#	USE THE SPACE BELOW TO PROVIDE ANY ADDITIONAL COMMENTS YOU MAY HAVE FOR THIS RATING CATEGORY.	DATE
1	Mark continually demonstrates professionalism in his performance as a general manager. He has a high standard of ethics and integrity.	9/6/2021 4:31 PM
2	TMWA is a strong partner in our community because of the work he does and the leaders he brings around him.	9/6/2021 3:04 PM
3	Again, a reflection of TMWA's culture, the organization, staff and its programs operate in compliance will all applicable local, state, and federal laws and regulations.	8/26/2021 3:23 PM

Q7 Overall, and keeping unanticipated challenges and timeframes in mind, the General Manager has achieved the goals and business objectives outlined for this appraisal period.

Answered: 12 Skipped: 0



ANSWER CHOICES	RESPONSES
Exceeds your expectations	58.33% 7
Meets your expectations	41.67% 5
Area for growth	0.00% 0
Not Applicable	0.00% 0
TOTAL	12

#	ANY ADDITIONAL COMMENTS?	DATE
1	I am pleased and thankful for his years of service.	9/6/2021 3:05 PM
2	Organized, thoughtful, strategic and thorough. TMWA is under fantastic management.	9/4/2021 5:54 AM
3	Mark has done and continues to do an exceptional job leading the organization! I appreciate his leadership and support!	9/2/2021 12:26 PM
4	I couldn't be more pleased with Mr. Foree's performance!	9/1/2021 9:32 AM
5	Mark will be missed when he retires, but he is leaving the organization in good hands through a well thought out and active succession plan.	8/26/2021 3:27 PM

Q8 Please identify any future performance objectives you may have for the General Manager.

Answered: 6 Skipped: 6

#	RESPONSES	DATE
1	I believe that we are at a tipping point in the future of TMWA due to large growth in Washoe County and climate change. I'd like to see the leadership at TMWA tackle conservation and incentives to saving water more aggressively. I think that there are a lot of ways to do this and not lose revenues - for example creating partnerships with our tribal neighbors to the north. There are many creative things being done by water agencies throughout the west and world that it would be great to see our leadership look at these best practices to update our per capita use of water, water efficiency codes, landscape retrofit funds, and managing water loss. I'd also like to see continual reevaluation of water models due to extreme climate change and the possibility of a Washoe County Lands Bill.	9/6/2021 9:04 PM
2	Keep up the good work. Continue developing your team and looking toward the future of TMWA and our community.	9/6/2021 4:37 PM
3	Enjoy your retirement when it comes. Continue to lead strong and hand off the baton with grace.	9/6/2021 3:05 PM
4	Don't retire😊	9/4/2021 5:54 AM
5	Continue advancing the ASR program with an emphasis on highly treated effluent, and how that potential water supply may be used to stabilize our region's groundwater resources.	9/1/2021 9:32 AM
6	Spend more time in Jackson Hole!	8/26/2021 3:27 PM

AMENDED AND RESTATED EMPLOYMENT AGREEMENT

1. PARTIES AND RECITALS

This Amended and Restated Employment Agreement ("Agreement") is entered into on October 15, 2018 ("Effective Date") by and between the Truckee Meadows Water Authority, by and through its duly constituted Board of Directors ("TMWA"), a political subdivision of the State of Nevada and a public entity organized pursuant to NRS 277.110, et. seq., and Mark Foree ("Foree"), collectively the "Parties", and amends and supersedes the Employment Agreement entered between the Parties dated October 15, 2014.

1.1 TMWA was formed to exercise powers, privileges and authorities to develop and maintain supplies of water for the benefit of the Truckee Meadows community;

1.2 TMWA desires to retain the services of Foree as General Manager;

1.3 Foree desires employment as General Manager of TMWA; and

1.4 The parties desire to enter into an agreement reflecting the terms and conditions under which Foree will be employed by TMWA as its General Manager.

NOW, THEREFORE, in consideration of their mutual covenants contained herein, TMWA and Foree agree as follows:

2. EMPLOYMENT

TMWA hereby employs Foree and Foree agrees to serve as the General Manager of TMWA to perform the functions and duties specified in Section 3 for the term specified in Section 5.

3. DUTIES/ESSENTIAL JOB FUNCTIONS

3.1 Foree agrees that during the Term of Employment (as defined in Section 5.1) he will hold the office of General Manager of TMWA reporting to TMWA's Board of Directors (the "Board"). Foree agrees to perform faithfully and to the best of his ability such duties and assignments relating to the business of TMWA as the Board of Directors of TMWA shall direct.

3.2 During the Term of Employment Foree shall, except during customary vacation periods and periods of illness, devote his business time and attention to the performance of his duties hereunder and to the business and affairs of TMWA and to promoting the best interests of TMWA. Foree shall not, either during or outside of normal business hours, engage in any activity inimical to the best interests of TMWA. TMWA and Foree acknowledge that he has ownership interest in a water company in Winnemucca, Nevada, for which he provides occasional services for compensation. Foree agrees to ensure that his ownership and any activities undertaken by Foree in connection with said company shall not interfere with his

ability to devote his full time and attention to the business and affairs of TMWA. Except for said services, Foree shall not serve as a consultant to other public or private utilities. Notwithstanding the foregoing, Foree may engage in charitable or civic pursuits provided that such service or pursuits do not interfere with Foree's obligations under the Agreement.

4. SALARY

TMWA agrees to pay Foree for his services an annual base salary of Two Hundred Fifteen Thousand One Hundred Fifteen Dollars (\$215,115.00) ("Base Salary") effective July 1, 2018. Foree's Base Salary shall automatically adjust on July 1, 2019 and each July 1 thereafter to the "Market" step of the General Manager wage band. Foree will have an opportunity to earn a Base Salary increase and a lump sum award based upon Foree's specific job performance in meeting the mutually agreed upon goals for the previous year. The Board and Foree will meet by December 1, 2018 to set initial performance goals for the 2018-19 fiscal year. The Board shall evaluate Foree's performance pursuant to Section 6 and in its sole discretion may determine a performance lump sum award or any salary adjustment in accordance with Section 6 of this Agreement. This adjustment may be made either to the Base Salary or in the form of a lump sum award or as a combination of the two at the sole discretion of TMWA. The total award (addition to Base Salary plus lump sum award) may be up to 10% of Base Salary. Any portion of a salary adjustment granted as a lump sum award shall not become part of Foree's Base Salary for future years.

5. TERM AND TERMINATION

5.1 Term. The term of this Agreement ("Initial Term") is two (2) years beginning on the Effective Date of this Agreement; subject, however, to prior termination as provided herein. The Term of Employment shall automatically be extended for an additional two years from October 15, 2020 to October 15, 2022 ("Extension Term"), unless either party provides written notice to the other party no later than May 31, 2020 of its election not to extend the Term of Employment. The Initial Term and Extension Term, as applicable, are referred to as the "Term of Employment".

5.2 Events of Termination. The Term of Employment, Foree's Base Salary, and any and all other rights of Foree under this Agreement or otherwise as an employee of TMWA shall terminate (except as otherwise provided in this Section) for the reasons and at the times set forth below:

- (a) Immediately upon the expiration of the Term of Employment;
- (b) Immediately upon the death of Foree;
- (c) Upon the disability of Foree (as defined in Section 5.3) immediately upon written notice from either party to the other;
- (d) For Cause (as defined in Section 5.4) immediately upon notice from TMWA to Foree, or at such later time as such notice may specify;

(e) For convenience by Foree following no less than 120 days written notice, unless the parties subsequently agree to a different notice period; or

(f) For convenience by TMWA following no less than thirty (30) days written notice; provided Foree shall be entitled to a severance payout as set forth in Section 5.5.

5.3 Definition of Disability. For purposes of Section 5.2, Foree will be deemed to have a "disability" if, for physical or mental reasons, Foree is unable to perform the essential functions of Foree's duties under this Agreement for a period of ninety (90) days. The disability of Foree will be determined by a medical doctor selected by written agreement of TMWA and Foree upon the request of either party by notice to the other. If TMWA and Foree cannot agree on the selection of a medical doctor, each of them will select a medical doctor and the two medical doctors will select a third medical doctor who will determine whether Foree has a disability. The determination of the medical doctor selected under this Section 5.3 will be binding on both parties. Foree must submit to a reasonable number of examinations by the medical doctor making the determination of disability under this Section 5.3, and Foree hereby authorizes the disclosure and release to TMWA of such determination and all supporting medical records. If Foree is not legally competent, Foree's legal guardian or duly authorized attorney-in-fact will act in Foree's stead, under this Section 5.3, for the purposes of submitting Foree to the examinations, and providing the authorization of disclosure, required under this Section 5.3.

5.4 Definition of "For Cause". For purposes of Section 5.2, the phrase "For Cause" means: (a) Foree's material breach of this Agreement or gross negligence in the performance of his required duties as TMWA General Manager; (b) Foree's failure to adhere to any written policy of TMWA or lawful direction of the TMWA Board if Foree has been given a reasonable opportunity to comply with such policy or direction or cure his failure to comply; (c) the appropriation or attempted appropriation of a material business opportunity of TMWA, including attempting to secure or securing any personal profit in connection with any transaction entered into on behalf of TMWA; (d) any act of dishonesty, fraud, embezzlement, theft, or misappropriation or attempted misappropriation of any of TMWA's funds or property; (e) the conviction of, the indictment for or its procedural equivalent, or the entering of a guilty plea or plea of no contest with respect to, a felony, the equivalent thereof, or any other crime with respect to which imprisonment is a possible punishment; (f) material violations of TMWA employment policies by Foree; (g) indictment, arrest or conviction of Foree for the use or possession of illegal drugs; (h) willful or material violation of the Code of Ethical Standards set forth in NRS Chapter 281A; or (i) for any other reason constituting cause as that term may otherwise be defined under Nevada law.

5.5 Termination Pay. Effective upon the termination of this Agreement, TMWA will be obligated to pay Foree (or, in the event of his death, his designated beneficiary as defined below) only such compensation as is provided in this Section 5.5, and in lieu of all other amounts and in settlement and complete release of all claims Foree may have against TMWA. For purposes of this Section 5.5, Foree's designated beneficiary will be such individual beneficiary or trust, located at such address, as Foree may designate by notice to TMWA from time to time or, if Foree fails to give notice to TMWA of such a beneficiary, Foree's estate. Notwithstanding the preceding sentence, TMWA will have no duty, in any circumstances, to attempt to open an

estate on behalf of Foree, but will act reasonably in ascertaining the whereabouts of Foree's beneficiaries and seeing to it that such beneficiaries are properly paid.

(a) If this Agreement is terminated by either party as a result of Foree's death or disability as determined under Section 5.3, TMWA shall pay Foree his Base Salary accrued through the date of termination plus any accrued unused banked vacation and PTO as set forth in section 8 below.

(b) If this Agreement is terminated by TMWA "For Cause" pursuant to Section 5.2(c) or by Foree pursuant to Section 5.2(e), TMWA shall pay Foree his Base Salary accrued through the date of termination, but not any accrued unused banked vacation and PTO remaining as of the date of termination.

(c) If TMWA terminates this Agreement for convenience pursuant to Section 5.2(f) or TMWA elects not to extend the Initial Term as set forth in Section 5.6, TMWA agrees to pay Foree severance pay equal to Foree's six-month Base Salary upon the effective date of such termination.

5.6 Non-Renewal of Agreement. In the event TMWA elects not to renew or extend this Agreement beyond the Initial Term by providing written notice pursuant to Section 5.1, all compensation, benefits and requirements of the Agreement shall remain in effect until the expiration of the Initial Term, unless the Agreement is terminated sooner as provided herein, and Foree will receive severance pay as set forth in Section 5.5(c) above upon the expiration of the Initial Term.

6. PERFORMANCE EVALUATION

TMWA's Board of Directors will review and evaluate Foree's performance at least once annually on or within four months of the end of the fiscal year. Foree's annual salary review and any adjustment to compensation will coincide with the annual performance evaluation timeframes established for all TMWA employees.

7. RETIREMENT

7.1 Subject to applicable laws, TMWA will contribute an amount equal to 6% of Foree's base salary to a deferred compensation plan on Foree's behalf.

7.2 TMWA agrees that Foree will be a member of the Nevada Public Employees Retirement System at TMWA's expense.

8. PAID TIME OFF

8.1 Foree will be granted 40 days of compensated paid time off ("PTO") each year for personal use, including vacation and illness. Unused PTO may be taken as pay, at any time, or carried over to the next calendar year as set forth in Section 8.2.

8.2 Accrued but unused PTO will be carried over from year to year. A maximum of 320 PTO hours can be carried over each calendar year. Upon termination of Foree's employment, Foree will be entitled to full compensation for his accrued, unused PTO, up to a maximum of 320 hours.

8.3 Banked vacation which Foree accrued as of July 1, 2009 will remain in the banked vacation account until used. Such banked vacation time may also be cashed out as pay at any time and upon Foree's employment termination, except for termination "For Cause" pursuant to Section 5.4.

9. DUES, SUBSCRIPTIONS AND PROFESSIONAL DEVELOPMENT

9.1 TMWA agrees to pay the professional dues, certifications and subscriptions of Foree necessary for his continuation and participation in national, regional, state and local associations and organizations necessary and desirable for his continued professional participation, growth and advancement, and for the good of TMWA.

9.2 TMWA agrees to pay the travel and subsistence expenses of Foree for professional and official travel and meetings adequate to continue the professional development of Foree as the chief executive of a water utility and to adequately pursue necessary official functions for TMWA. Such travel and subsistence expenses must be approved by TMWA's Chief Financial Officer and submitted to the Chair of the TMWA Board for review. TMWA will also pay for Foree's attendance at conferences, seminars and short courses which are deemed to be of value to TMWA.

10. EXPENSES, ALLOWANCES AND OTHER BENEFITS

10.1 Foree will be paid a fixed sum of \$750 per month for the use of his personal vehicle for TMWA business, with future increases to be determined by TMWA as a part of the budget cycle.

10.2 TMWA agrees to pay Foree a fixed sum of \$150 per month as a cell phone/personal digital assistance (PDA) allowance.

10.3 TMWA will pay all costs of any fidelity or other bonds required of Foree by virtue of his employment with TMWA.

10.4 Foree will be provided all other benefits given to management employees, such as observed paid holidays, group health coverage (medical, dental, vision), short and long term disability.

11. TEAM BUILDING, GOALS AND RETREATS

TMWA agrees that annually TMWA's Board of Directors will schedule and participate in the following:

- (a) A goals-setting session to develop objectives for TMWA; and
- (b) A session to develop specific criteria to serve as the basis for Foree's pay-for-performance clause set forth in Section 6 of this agreement. This session will be held within four months of the end of each fiscal year of the Term of Employment.

12. MISCELLANEOUS

12.1 The captions in this agreement are not part of the provisions hereof, are merely for the purpose of reference and shall have no force or effect for any purpose whatsoever, including the construction of the provisions of this Agreement, and if any caption is inconsistent with any provisions of this Agreement, such provisions shall govern. The Recitals are part of this Agreement.

12.2 This Agreement is made in, and shall be governed by and construed in accordance with the internal laws of the State of Nevada.

12.3 This Agreement contains a complete statement of all of the arrangements between the parties with respect to the subject matter hereof. There are no representations, agreements, arrangements or understandings, oral or written between the parties relating to the subject matter of this Agreement, which are not fully expressed in this Agreement.

12.4 This Agreement may not be waived, changed, modified or discharged orally, but only by an agreement in writing signed by the party against whom any waiver, change, modification or discharge is sought.

12.5 All notices given hereunder shall be in writing and shall be sent by registered or certified mail, return receipt requested as such other address as TMWA and Foree designate. Each such notice shall be deemed to be given on the date received at the address of the addressee.

12.6 If litigation over this Agreement is initiated in any court, the Parties agree the proper venue is Washoe County, Nevada. Foree irrevocably (i) waives and agrees not to assert in any such action, suit or other proceeding that he is not personally subject to the jurisdiction of such courts, that the action, suit or other proceeding is brought in an inconvenient forum or that the venue of the action, suit or other proceeding is improper, (ii) waives personal service of any summons, complaint or other process and (iii) agrees that the service thereof may be made by certified or registered mail directed to Foree at his address for purposes of notices hereunder. Should Foree fail to appear or answer within the time prescribed by law, he shall be deemed in default and judgment may be entered by TMWA against him for the amount or other relief as demanded in any summons, complaint or other process so served.

IN WITNESS WHEREOF, the parties have executed this Agreement the day and year first hereinabove written.

TMWA

Dated this 17 day of oct, 2018

By: 

Vaughn Hartung, Chairman

GENERAL MANAGER

Dated this 17TH day of OCT., 2018

By: 

Mark W. Foree



September 2, 2021

Mr. Mark Foree
General Manager, Truckee Meadows Water Authority
PO Box 30013
Reno, NV 89520-3013

Re: Notice of meeting of the TMWA Board of Directors to evaluate your performance, discuss your employment contract and consider your professional competence

Mr. Foree,

The TMWA Board, at its meeting scheduled for Wednesday, September 15, 2021 at 10:00 AM, will conduct an annual evaluation of your performance as General Manager. In addition, the TMWA Board will also be discussing your employment contract. In the process of these discussions, the Board may consider your professional competence and may take administrative action related to your compensation.

This public meeting will take place virtually at Sparks Council Chambers, 745 4th Street, Sparks, NV.

By signing below, you acknowledge personal receipt of this notice.

This notice is being provided to you in accordance with NRS 241.033.

Sincerely,

Vaughn Hartung, Chair
Truckee Meadows Water Authority Board of Directors

RECEIPT

Mark Foree acknowledges personal receipt of written notice of the foregoing as of September 8, 2021.

Mark Foree



STAFF REPORT

TO: Chairman and Board Members
FROM: Mark Foree, General Manager
DATE: September 7, 2021
SUBJECT: Discussion and action on request for Board input and acceptance of General Manager performance objectives for contract year 2021/2022

RECOMMENDATION

The TMWA Board review the objectives proposed herein, provide input to the proposed objectives and approve the objectives as amended by the Board discussion.

DISCUSSION

As in the past the Board has requested an opportunity to discuss and approve specific objectives and criteria that the General Manager would be working to accomplish during the current fiscal year. These objectives and criteria would be used to evaluate the performance of the General Manager at the end of the contract year. Below are suggestions for the Board's discussion and input:

FY 2021-2022 GENERAL MANAGER	
GENERAL OBJECTIVES	
A	Direct the preparation of and propose financial plans, investment strategies, funding plans and adjustments to rates and charges that will continue to keep TMWA in long term financial stability; including preparation of budgets and Capital Improvement Plans and financial reporting that comply with Nevada Revised Statutes and the Securities and Exchange Commission (SEC).
B	Develop proactive communications plans to address upcoming issues (e.g., topics affecting water supply, drought planning, regional water issues, utility water system consolidation and rate changes) and to keep all stakeholders including the Board, the employees, and the customers informed through a variety of mediums. Respond to media inquiries and provide informational interviews.

FY 2021-2022 GENERAL MANAGER
GENERAL OBJECTIVES (continued)

C	Continue having and improve on a community presence for TMWA through the Water Leadership program and participation in community committees, boards, and networking organizations and by providing presentations and information to these groups; offer Truckee River, Chalk Bluff Plant and/or other informational tours to the community.
D	Continue to create a highly productive work environment and a highly motivated employee team by developing, training, retaining and recruiting the highest quality employees.
E	Strive for continuous improvements in processes and operations targeting initiatives that will enhance revenues and/or reduce operating costs thus keeping customer rates as low as possible.

ONGOING OPERATIONAL OBJECTIVES

a	Monitor federal legislation for opportunities to obtain funding for a variety of TMWA projects.
b	Carefully analyze opportunities to acquire water rights and resources in the market in consideration of current inventory and financial constraints. Ensure adequate resources are available through TMWA's Rule 7 as directed by the Board.
c	Provide staff support to the SAC, the Truckee River Fund (TRF) Advisors, and One Truckee River and ensure communications regarding TRF projects.
d	Manage and direct activities relative to legal issues, keeping the Board informed on all such matters.
e	Update TMWA Administrative Instructions as required to ensure they are compliant with applicable laws and current practices. Deliver updates to the Board and employees, and implement the changes.
f	Minimize cost impacts to customers by maximizing investment and hydroelectric income, pursuing revenue enhancement and collection opportunities, pursuing process improvements and projects that drive savings in TMWA expenses, and actively pursuing grant/low-interest loan funding for projects.

SPECIFIC OBJECTIVES

1	Develop customer conservation communications plan for the 2022 irrigation season, including water supply planning, and detailed public/customer communications/outreach plan - present to the SAC for their recommendation and Board for approval no later than the April Board Meeting.
2	Continue working with city and county staff regarding regional water issues (including wastewater, effluent management stormwater, etc.), regional economic development initiatives, etc. including the OneWater Nevada initiative that includes pilot testing and analysis related to infiltrating or injecting highly treated wastewater into the ground for later use, assistance with TMWRF return flow obligations, etc.
3	Continue analyzing water supply options related to fringe area development where private systems exist, make recommendations to Board and follow Board direction regarding same.

FY 2021-2022 GENERAL MANAGER

SPECIFIC OBJECTIVES (continued)

4	Monitor and participate in Legislative activities during the 2021-2022 Interim Legislative Session, prepare and deliver presentations to Legislative Committee as requested, schedule meetings with staff, Board legislative committee members, lobbyists and legislators, keep the Board updated and informed regarding legislative matters, and pursue Board direction regarding Legislative issues. Facilitate open communications between legislators and the TMWA Board.
5	Update the 5-year Funding Plan and present to the SAC and the Board. Propose Board actions based on the results of the planning cycle updates. Implement Board direction with regard to funding plan outcomes.
6	Analyze the need for any necessary rule changes, water facility charge adjustments, etc. and report results of analysis to the SAC and Board of Directors and follow Board direction regarding same.
7	Continue to develop/refine strategies to optimize conjunctive use of surface water and groundwater resources; further develop/refine drought supply operational strategies; and implement plans.
8	Continue to develop, refine and implement strategies to mitigate pre-merger groundwater conditions on the Mt. Rose fan including completion of construction and starting up the Mt. Rose Water Treatment Plant.
9	Continue to implement the succession/staffing plan to address and fill vacancies created by senior leadership retirements (General Manager, Director Engineering and Director Distribution) scheduled to occur in 2022. Continue staff development in support of TMWA's succession plan (as reviewed with the Board at the August 2021 meeting) with a focus on leadership and critical position succession.
10	Continue working under the terms of the MOU with Carson City and Storey County, to determine surplus water availability to TMWA from the Marlette Lake Water System.
11	NEW: Complete negotiation of ILA between TMWA and City of Reno regarding cost sharing, design, construction management, operations and related responsibilities for the Advanced Purified Water Demonstration Project at American Flat. Provide periodic updates to the Board at appropriate milestones.
12	NEW: Provide an update on the results of the feasibility study of Palomino Farms, and recommend whether or not to move forward with an option agreement involving Palomino Farms, Reno, Sparks and Washoe County.



STAFF REPORT

TO: Board of Directors
FROM: Mark Foree, General Manager
DATE: September 7, 2021
SUBJECT: **General Manager's Report**

Attached please find the written reports from the Management team including the Operations Report (*Attachment A*), the Water Resource and the Annexation Activity Report (*Attachment B*), and the Customer Services Report (*Attachment C*).

Included in your agenda packet are press clippings from August 10, 2021 through September 9, 2021.



STAFF REPORT

TO: Board of Directors
THRU: Mark Foree, General Manager
FROM: Scott Estes, Director of Engineering
BY: Bill Hauck, Water Supply Supervisor
DATE: September 8, 2021
SUBJECT: September 2021 Operations Report

Summary

- Lake Tahoe storage is @ 10% of capacity
- Combined total upstream reservoir storage is 19% of maximum capacity
- The last day of full Floriston Rates was August 18th
- TMWA is in drought operations mode as production wells are being pumped harder than normal, and drought reserves are currently being released from both Lake Tahoe and Donner Lake in order to meet customer demand
- Customer demands averaged 122 MGD last week
- Hydroelectric revenue for August 2021 is approximately \$225,980

(A) Water Supply

- **River Flows** - Discharge at the CA/NV state line was approximately 210 cubic feet per second (CFS) this morning. The last day of full river flows on the Truckee River was August 18th. The 112-year average flow for this day at Farad is 481 CFS.
- **Reservoir Storage** - Overall Truckee River reservoir storage is ~19% of capacity. The elevation of Lake Tahoe is 6223.62 feet (0.62' above the bottom of stored water). Storage values for each reservoir as of September 8th are as follows:

Reservoir	Current Storage (Acre-Feet)	% of Capacity (Percent)
Tahoe	75,240	10%
Boca	20,354	50%
Stampede	81,801	36%
Prosser	11,252	38%
Donner	6,241	66%
Independence	13,021	75%

In addition to approximately 19,300 acre-feet of storage in Donner and Independence reservoirs, TMWA has about 29,500 acre-feet of water stored between Lake Tahoe, Boca, Stampede and Prosser reservoirs under the terms of TROA. TMWA's total combined upstream reservoir storage is approximately 48,800 acre-feet (as of September 8th).

- **Outlook** - August 18th was the last day of normal river flows in the Truckee River as Floriston Rate storage in Boca Reservoir was completely exhausted. As such, TMWA had to begin making supplemental releases from our upstream reserves on August 21st in order to keep our surface water treatment plants on-line and meet customer demand. Supplemental releases from Lake Tahoe and Donner Lake have been and will be required into early October. Lake Tahoe continues to drain slowly and is expected to be at or below its natural rim by the end of October. That means that the Truckee River system will have no carry-over water in storage by the end of the year. Flows in the Truckee River next year will be entirely dependent upon the outcome of this next winter.

(B) Water Production

- **Demand** - TMWA's customer demand averaged 122 million gallons per day (MGD) last week. Overall, surface water comprised ~75% of our supply and groundwater the other 25%.

(C) Hydro Production

Generation - Truckee River flows at Farad (CA/NV state line) for the month of August 2021 averaged 375 CFS. With the required rate of flow at the CA/NV state line no longer able to be met as of 8/19, the Washoe power plant had to be taken off-line on 8/20, and the Verdi power plant on 8/23. The Fleish power plant however, which can generate at lower river flows was able to stay on-line through the entire month of August (100% availability). Statistics for the month are as follows:

Hydro Plant	Days On-Line	Generation (Megawatt hours)	Revenue (Dollars)	Revenue (Dollars/Day)
Fleish	31	1,454	\$ 108,570	\$ 3,502
Verdi	23	1,099	\$ 81,436	\$ 2,627
Washoe	20	481	\$ 35,974	\$ 1,160
Totals	74	3,034	\$ 225,980	\$ 7,289



STAFF REPORT

TO: Chairman and Board Members
THRU: Mark Foree, General Manager
FROM: Stefanie Morris, Manager, Water Resources
DATE: September 7, 2021
SUBJECT: Report Water Resources and Annexation Activity

RULE 7

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

Beginning Balance		3,492.18 AF
Purchases of water rights	3.58 AF	
Refunds	0.00 AF	
Sales	– 26.88 AF	
Adjustments	0.00 AF	
Ending Balance		3,468.88 AF

Price per acre foot at report date: \$7,700

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		7,656.65 AF
Committed water rights	– 3.23 AF	
Ending Balance		7,653.42 AF

Price per acre foot at report date: \$43,575 (for SFR and MFR); \$37,800 (for all other services)¹

¹ Price reflects avoided cost of Truckee River water right related fees and TMWA Supply & Treatment WSF charge.

WATER SERVICE AREA ANNEXATIONS

Since the date of the last report there have been no new annexations.

INTERRUPTIBLE LARGE VOLUME NON-POTABLE SERVICE

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



STAFF REPORT

TO: Board of Directors
THRU: Mark Foree, General Manager
FROM: Marci Westlake, Manager Customer Service
DATE: September 15, 2021
SUBJECT: **August Customer Service Report**

The following is a summary of Customer Service activity for August 2021.

Ombudsman

- No calls for August

Communications

- Nothing for August

Conservation (2021 Calendar year)

- 3,978 Water Watcher Contacts
- 794 Water Usage Reviews

Customer Calls –August

- 8,525 phone calls handled
- Average handling time -5 minutes, 25 seconds per call
- Average speed of answer –2 minutes 24 seconds per call

Billing –August

- 123,495 bills issued.
- N/A (0.00%) corrected bills.
- 10,477 customers (8%) have signed up for paperless billing to date.

Remittance –August

- 20,744 Mailed-in payments
- 26,233 Electronic payments
- 46,666 Payments via AutoPay (EFT)
- 19,610 One-time bank account payments
- 24,780 Credit card payments
- 149 Store payments
- 62 Pay by Text
- 5,177 IVR Payments
- 808 Reno office Payments

Collections –August

- 18,632 accounts received a late charge
- 4,028 Mailed delinquent notices, 0.03% of accounts
- 1,080 accounts eligible for disconnect
- 441 accounts were disconnected (including accounts that had been disconnected-for-non-payment that presented NSF checks for their reconnection)
- .09 % write-off to revenue

Meter Statistics – Fiscal Year to Date

- 0 Meter retrofits completed
- 862 Meter exchanges completed
- 203 New business meter sets completed
- 131,353 Meters currently installed