



Carson Water Subconservancy District Finance Committee

*A healthy watershed
that meets the water
needs of all users*

DATE: February 9, 2026
TIME: 8:30 am – 2 pm
LOCATION: CWSD Conference Room
777 E. William Street, Suite 209, Carson City, 89701

Committee Members are encouraged to attend in person for this meeting.

Lunch will be provided. Virtual attendance will be available via Zoom.

[Join Zoom Meeting](#) Or Call (253) 205-0468 and use Meeting ID: 847 2754 5096
and Passcode: 263995

AGENDA

Please Note: The Carson Water Subconservancy District (CWSD) Board may: 1) take agenda items out of order; 2) combine two or more items for consideration; and/or 3) remove an item from the agenda or delay discussion related to an item at any time. All votes will be conducted by CWSD Board of Directors. Reasonable efforts will be made to assist and accommodate individuals with limited ability to speak, write, or understand English or to those with disabilities who wish to join the meeting. Please contact Catrina Schambla at (775)887-7450 or email: catrina@cwsd.org at least 3 business days in advance so that arrangements can be made.

1. Call to Order the CWSD Finance Committee
2. Roll Call
3. For Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on an agenda for action at a later meeting.
4. For Possible Action: Approval of the Finance Committee Meeting Minutes of February 27, 2025
5. For Discussion Only: Review the Tentative General Fund FY 2026-27 Budget and Hear Presentations for Proposed Projects; Review the Tentative Acquisition/Construction Fund FY 2026-27 Budget; and Review the Tentative Floodplain Management Fund FY 2026-27 Budget
6. For Possible Action: Make Recommendations for the Tentative General Fund, Acquisition/Construction Fund, and Floodplain Management Fund FY 2026-27 Budgets
7. For Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on an agenda for action at a later meeting.
8. For Possible Action: Adjournment

*Supporting material for this meeting may be requested from Deborah Neddenriep at
775-887-7450 (debbie@cwsd.org) and is available on the CWSD website at
<https://www.cwsd.org>*

AFFIDAVIT OF POSTING

The undersigned affirms that on or before 10 am on February 4, 2026, a copy of the *Notice of Public Meeting and Agenda* for the February 9, 2026 meeting of the Carson Water Subconservancy District Finance Committee, in accordance with NRS 241.020 was posted at the following locations: CWS, 777 E. William St., Ste. 209, Carson City, NV 89701; the CWS website: <https://www.cwsd.org> and the Nevada Public Notice Website: <https://notice.nv.gov/>


Deborah Neddenriep,
Water Resource Specialist 2, CWS

Date & Time of Posting

AGENDA ITEM #3

PUBLIC COMMENT

AGENDA ITEM #4

**MINUTES OF LAST
FINANCE COMMITTEE
MEETING**

CARSON WATER SUBCONSERVANCY DISTRICT
FINANCE COMMITTEE MEETING
February 27, 2025, 8:30 am – 2 pm
***DRAFT* Meeting Minutes**

Committee Members' Present:

David Griffith, Alpine County
Jim Hindle, Storey County
Doug Johnson, Douglas County
Ernie Schank, Churchill County
Lisa Schuette, Carson City
Mike Workman, Lyon County

Staff Present:

Edwin James, General Manager
Catrina Schambra, Secretary to the Board

Guests:

Lyndsey Boyer, Carson City Parks, Rec & Open Space
Julie Fair, American Rivers
Rebecca Feldermann, River Wranglers (ZOOM)

Mike Hayes, Carson Valley Conservation District (ZOOM)
Jena Huntington, USGS
Austin Lemons, Dayton Valley Conservation District
Mareena Lovejoy, Carson City Parks, Rec & Open Space
Chris Mahannah, Churchill County
Kimra McAfee, Alpine Watershed Group
Karin Peternel, Carson City Public Works
Joseph Sanford, Churchill County District Attorney
Kurtiss Schmidt, USGS
Rachel Schmidt, Dayton Valley Conservation District
Ben Shawcroft, Truckee-Carson Irrigation District
Amanda Singleton, Carson City Parks, Rec & Open Space
Christy Sullivan, Lahontan Conservation District
Rich Wilkinson, Carson Valley Conservation District (ZOOM)

The meeting was called to order at 8:30 am by Committee Member Schuette. The meeting was held in the Conference Room of the Carson Water Subconservancy District, 777 E. William St., #209, Carson City, Nevada with a Zoom option available. Roll call determined the quorum of the committee present.

Item #3 - Public comment: None

Item #4 – For Possible Action: Approval of Finance Committee Meeting Minutes of May 14, 2024

Committee Member Griffith made a motion to approve the minutes of the Finance Committee meeting on May 14, 2024. The motion was seconded by Committee Member Workman and unanimously approved by the Finance Committee.

Item #5 - For Discussion Only - Review the Tentative General Fund FY 2025-26 Budget and Hear Presentations for Proposed Projects; Review the Tentative Acquisition/Construction Fund FY 2025-26 Budget; and Review the Tentative Floodplain Management Fund FY 2025-26 Budget

Mr. James announced that due to a doctor's appointment Rich Wilkinson requested to move up his presentation and participate via Zoom. Mr. James explained we would start with the CVCD presentations and afterwards he will give his budget and staffing overview.

Carson Valley Conservation District (1)– Upper Carson River Flood Damage Repairs & Restoration
Rich Wilkinson, District Manager

This project is directly upstream of four previous restoration projects that were completed between 2020 and 2024. The location experienced flooding damage in 2017 and more recently in 2023. CVCD staff noted that the head cut has expanded 18 feet to the west resulting in severe erosion, impacts to water quality, and loss of vegetation and large Cottonwoods. In addition to the environmental impacts the landowner has lost property, trees, and a fence to the most recent flood damage. CVCD will cut back and fill the vertical bank and shape it to a 3 to 1 slope. Although the project will utilize bioengineering techniques, CVCD also intends to use rock riprap to protect the toe of the bank and to slow flows through this project reach. Once the bank is reconstructed and prepared for planting, CVCD will install COIR fabric, willow mats, willow poles, and willow fascines. All areas where materials or equipment have been staged will be reseeded. If funding allows, CVCD would like to plant several large cottonwood trees and shrubs along the upland areas. This project will serve to benefit the Carson River Watershed through the stabilization of riverbanks and concurrent reduction of erosion at the two proposed project

sites. This will also result in a reduction in sedimentation and turbidity of the river in these areas. Rock stream barbs and rock riprap placed on the toe of the bank encourage sediment deposition and riverbank vegetation benefit from the trapped soil and nutrients. The stabilization of the bank will create a gradual slope connecting the river to the floodplain which allows for establishment of riparian vegetation and wildlife access to the river. This stable connection of river to floodplain also allows for gradual flooding and groundwater recharge in the floodplain. Riverbank stabilization is a project type identified as needed in the Carson River Adaptive Stewardship Plan (CRASP). **Funding request: \$150,000**

Carson Valley Conservation District (2) – CVCD Staff Salary Support & Vegetation Management

Rich Wilkinson, District Manager

CVCD would like to request funding assistance with Staff salaries and operational costs that do not fall directly within the river restoration project's scope of work. In addition to these costs, we would like to ask for your financial support with our Vegetation Management program which helps protect our vital Cottonwood Gallery. Each year, the Carson Valley Conservation District provides significant staff time and support for consulting services to multiple agencies and landowners working in the Carson River Watershed. In the past, district staff have not been able to bill for these services since they do not fall within a particular project scope. As a result, the district has had to volunteer time or the CVCD board has had to pay for staff time without the ability to get reimbursed. The CVCD is a partner with many Federal, State, County and Municipalities and we are considered an excellent source for consulting on matters concerning the health and function of the watershed. CVCD will assist local landowners and agency partners with events/plans/projects that do not directly affect our contracted projects. These tasks include 1) assisting Douglas County with all erosion and stormwater related concerns, 2) assisting CWSD with Carson River Coalition functions, Education Outreach and staff projects, 3) assisting Carson City Open Space with river and tributary erosion and water quality issues, 4) working with local agricultural producers and NRCS on improving irrigation efficiency, crop management and issues with water conveyance, 5) assisting state agencies with water related issues that may arise following high water events or land use concerns, and 6) providing technical assistance for all agencies and landowners with permitting requirements. **Funding request: \$60,000**

Budget & Staffing Overview

Mr. James noted the committee will need to cut \$295,500 from the proposed budgets to reach the 4% required ending balance. He went over the proposed budgets with the committee describing each category of income and expense.

Presentations of Proposed Projects

Carson River Projects:

Dayton Valley Conservation District – Middle Carson River Hazard Removal

Austin Lemons, District Manager

The Middle Carson River has faced significant erosion in the past few years. As a result, a significant accumulation of woody debris as well as other waste materials have found their way into the stream channel. This debris disrupts the natural flow of the water, harms aquatic ecosystems, and creates hazardous conditions for local wildlife and communities. This project aims to remove debris from the river to restore proper function, enhance water quality, prevent further debris accumulation downstream, and improve the safety and aesthetic value of the surrounding areas. DVCD holds a current grant from the Nevada Department of Environmental Protection (NDEP 22-019) for river monitoring; the data collection for this grant will be completed by August 2025. We will use this river monitoring data to prioritize stretches of the Middle Carson River that are most laden with debris and require critical attention. Currently, we have 2 areas selected: 1) An approx. 1-mile stretch spanning from Minor Ranch

to Kinkel properties in the Dayton Valley 2) An approximately 2-mile stretch spanning from Weeks Bridge to Scout Camp by Fort Churchill State Historic Park. More projects will be added or reprioritized as the river monitoring is completed, for a total of 5 project areas. This project is easily scalable up or down depending on funding. Project goals and benefits:

- Debris removal: safely and effectively remove large woody debris from the stream bed and water surface to increase aesthetic value and safety for recreation.
- Water quality improvements: reducing pollution and turbidity in the water surface therefore reducing the potential for superfund mercury to travel downstream.
- Restoration of the aquatic ecosystem: The removal of debris helps to prevent further erosion of the stream bank, helping to protect and restore habitat for the entire aquatic ecosystem.
- Prevention of future blockages: removal of the debris from the riverbed prevents any blockages of the river, bridges, or irrigation structures downstream. This helps prevent future flood events and mitigates flood damage by letting the river efficiently manage its own stream flows.
- Protection of cultural and historical resources: Fort Churchill and Buckland Station state historic parks are downstream of the project area. Removing debris from the river will help prevent future flooding events, therefore protecting the cultural and historical resources at these sites..

Funding request: \$100,000

Lahontan Conservation District –Clearing & Snagging Carson River

Christy Sullivan, District Clerk

The project is an ongoing effort to create a river channel that is clear of obstructions and provides a free flow at natural choke points. For example, Highway 50, Highway 95 and Bafford Bridges has historically been clogged by debris during high water flooding events. Obstructions in these locations causes back up and overflow that moves into residential housing areas in both the county and city of Fallon. Locations where sediment caused islands that changed the flow, eroded banks, or blocked flows under bridge. Removal of sediment will provide debris obstructions to flow downstream more freely. It takes a combination of debris, foliage, beaver dam and sediment removal to maintain a clear channel. This work effort provides the following benefits on an annual basis and must also be maintained and continued to overcome the normal foliage growth, discarding of manmade debris and natural obstructions that enter the channel repeatedly. Downstream benefits to improve the Carson River Watershed:

- Minimize stream bank erosion, improve water quality, and re-establish native vegetation.
- Reduce flooding risk along the Carson River, particularly to residential and commercial development.
- Reduce flood damage risk to water and sewage infrastructure installed in Churchill County.
- Improve the administration and management of the river and stream system.
- Improve the opportunities for citizens to use the river for recreational purposes.
- Maintaining a clean/clear river channel will improve water quality and aid the overall stewardship plan.

Funding request: \$32,700

Churchill County - Dixie Valley Water Level Measurement & Precip Gage Monitoring

Chris Mahannah, PE, WRS

This ongoing project has regional benefits since most of the surface supply for the Newlands project and hence recharge come from the Carson River which are augmented by the Truckee River. The Churchill County Water Resource Plan Update has identified the local intermediate aquifer as the near term quasi-municipal supply and the length of time it can sustain development is contingent upon recharge from the surface water system and downward gradients from the Shallow aquifer to the Intermediate aquifer in the western portion of the basin. Due to the relative slow movement of groundwater, impacts

to the Intermediate aquifer due to reductions in recharge from the Shallow aquifer were thought to take years or decades to fully manifest, however recovery of water levels in 2016 - 2017 seem to contradict this. Ongoing monitoring is critical to further understand the rate of decline in water levels during drought years and subsequent recovery during wetter years. Furthermore, the State Engineer relies on water level data when making many water resource and water rights decisions. At such a time that the intermediate aquifer can no longer support the demand, other resources will need to be developed which are identified in Chapter 12 of the Updated Water Resource Plan. Some of these alternatives such as the Wildgoose Farm or Dixie Valley importation may be regional in nature and others involve conjunctive use and artificial recharge of surface waters. This program will provide an early warning as to when some of these other regional types of alternatives will need to be pursued.

Funding request: \$81,000 (3 Years – FY 25/26 \$26,000; FY 26/27 \$27,000; FY 27/28 \$28,000)

River Wranglers- Conserve the Carson River Workdays/Field Days

Rebecca Feldermann, Executive Director

River Wranglers continues to host Conserve the Carson River Workdays (CCRW) throughout the Carson River watershed, as well as hosting multiple field days and events at the river or within the watershed. In the past year, we have continued to commit to expanding our program to include various field days and events aligned with NGSS with different grades and age groups, including Washoe Tribal students, adult special needs groups, Home School Groups, and younger elementary school classes. Additionally, we have expanded our workdays and field days in an effort to include schools who have never participated in these events or have not been able to in years. For CCRWs, as allowed, we continue to go into high school FFA and science classrooms to teach high school students the necessary information and skills so that they in turn can teach elementary students at the river in a combined workday. The high school students are trained in activities that teach children about our watershed, the importance of clean water, the water cycle, and nonpoint source pollution. At the river, they become "mentors" to the younger students, spending the day with them, leading them through the activities. For the past three years, this has been our model for students in Churchill County, as the teachers are incredibly supportive and receptive. If high school students are unable to participate, we still provide an enriching workday with the assistance of professional volunteers from many of our partners including CWSD, NOER, NDEP, CCP&ROS, NDOW, UNR, TNC, RCI, HSFC, as well as trained community volunteers. In addition to the educational stations, we partner with conservation districts, Parks & Recreation, and Nevada State Parks to include river work projects that the students complete together. This year, students helped to line trails, plant native plants, paint trees to protect against beaver predation, remove trash from Nevada State Parks sites, and assist in fertilizing plants at Dayton State Park. After workdays, elementary students are visited by River Wranglers staff to do a "wrap-up," which reinforces the messages they learned at the river. We once again discuss nonpoint source pollution, the geography and features of the watershed with the utilization of the Carson River watershed map, and the importance of the river and watershed to their own lives, while also reinforcing the concept of stewardship. We do a pre- and post-test with all students involved to track their increase in knowledge about the watershed and nonpoint source pollution to gauge the effectiveness of our programs. River Wranglers continues to be passionate about and committed to providing environmental education to students in our watershed and looks to find new ways to interact with students who might face a multitude of barriers to receiving the education we provide. This past year we worked with new first grade classes in our Seasonal Changes program and were able to provide work/field days for 3 schools who had not participated in these opportunities within the last 3 years. This year, we look forward to co-hosting a water quality event for students of the Washoe Tribe, as well as providing continued interactive educational opportunities for all students within the Carson River watershed. **Funding request: \$30,000**

Alpine County Watershed Group (1) - Upper Carson River Watershed Programs

Kimra McAfee, Executive Director

Alpine Watershed Group (AWG) seeks funding for the fiscal year 2025-26 from CWSD for the coordination of its Upper Carson River watershed programs. AWG's mission is to protect, conserve, and restore the watersheds of Alpine County by promoting sustainable community and science-based collaborative solutions. For 24 years, AWG has organized volunteers and inspired widespread participation to address water quality monitoring and restoration needs in Alpine County. To further the stewardship of our county's natural resources, our organization has developed diverse partnerships around watershed issues. As the nonprofit environmental organization for the Carson River headwaters, our positive impacts extend downstream, where the Carson River flows into Northern Nevada. Through this project, AWG staff will: 1) involve local citizens in watershed stewardship; 2) plan and implement priority watershed monitoring and restoration activities; 3) recruit diverse stakeholders and strengthen community partnerships; and 4) support local watershed education and community outreach.

Funding request: \$30,000

Alpine County Watershed Group (2) – East Fork Carson Prioritization Project

Kimra McAfee, Executive Director

AWG seeks funding for the fiscal years 2025-27 from CWSD to support completion of a geomorphological assessment and sediment budget analysis and development of a project prioritization plan for the upper East Fork Carson River watershed. This project has been approved by the State Water Resources Control Board for funding through the 2024 Clean Water Act 319(h) Nonpoint Source Grant Program from the US Environmental Protection Agency (EPA) and requires a 25% match. The purpose of this project is to identify sediment inputs and prioritize future projects to address such impairments. Addressing sediment concerns will also address other nonpoint source pollutants as other pollutants often travel through watersheds along with sediment. Prioritized projects will restore aquatic ecosystems of the Carson River and its tributaries. These projects have the potential to reduce sediment and other nonpoint source pollutants; have positive impacts on water temperature, pH, and dissolved oxygen; and reduce flood risk. AWG is currently completing the same project on the Upper West Fork of the Carson River, to build towards the shared goal with CWSD of completing this analysis and planning throughout the entire Carson River watershed. The East Fork Carson River carries a lot of sediment that collectively leads to many issues downstream. The river navigates through public lands that are used for camping, fishing, and river rafting. There are several known problem areas such as the East Fork Carson River hot springs and the Leviathan Mine EPA Superfund Site. For a majority of the watershed, assessments are not robust, and assessment coverage is spotty. Vegetation on the banks has been denuded due to erosion and incision causing water quality concerns, habitat and property loss, and risks to infrastructure. Further incision increases the velocity during high-flow and flooding events causing even more erosion and cyclical damage. This planning project will provide information on where to begin the geomorphological assessment and what follow-up data is needed to design solutions for water quality impairments. The analysis will lead the way to development of a 9-element plan for the East Fork and help us make informed decisions. We will better understand how future actions will impact upstream and downstream areas in relation to nonpoint source pollutant reduction and ecosystem impacts. The goals of this project are to:

- Identify knowledge gaps and summarize existing data and research
- Provide a scientific geomorphological assessment
- Provide a scientific sediment budget analysis
- Provide information to augment the *Carson River Adaptive Stewardship Plan (CRASP)* and/or for development of a 9-element plan
- Prioritize locations and best ecosystem restoration methods to address nonpoint source pollutants for bank, riverbed, and riverine habitat improvements, and associated floodplain protection/conservation
- Identify and prioritize infrastructure maintenance and upgrades (roads, bridges, driveways, and irrigation) to reduce nonpoint source pollutants, protect ecosystems, and reduce flooding

- Determine a logical rating/ranking prioritization system based on the geomorphology/ sediment budget information **Funding request: \$83,350 (2 Years)**

New Projects:

American Rivers – Faith Valley Restoration Project

Julie Fair, Program Director, CA Headwaters Conservation

American Rivers is working with the Humboldt-Toiyabe National Forest, Alpine Watershed Group, and others to restore Faith Valley meadow, a 200-acre meadow located along the West Fork Carson River. Faith Valley emerged as a priority during a watershed-wide assessment of meadows in the Carson watershed because of its degraded hydrologic condition and potential benefits for special status species, including the California endangered Willow Flycatcher. The meadow supports active beaver whose dams are raising the water table locally, aggrading the channel and helping restore the meadow, but their dams are frequently blown out during high flow events due to channel incision. To address degraded conditions, in 2022-2023 the project team installed 40 features that mimic natural beaver dams called beaver dam analogs (BDAs). They were built to better persist under high flows to help reverse channel incision and reconnect the stream with the meadow floodplain, restoring the meadow's hydrologic function. The project also installed a rocked grade control structure at the downstream end to help upstream BDA features persist and repaired the dirt road adjacent to the meadow to protect the meadow and improve recreational access. The project also included robust monitoring to quantify the effects of restoration toward project goals and objectives, which included mapping and measuring beaver dams and BDA structures, groundwater, greenhouse gas emissions, photo points, and streamflow monitoring, which was also used to evaluate the effect of the project on the CWSD water release that flows through the project reach. The project is one of the first BDA projects in the Sierra implemented on a high-energy mainstem river and the robust monitoring associated with the project will provide a valuable case study to inform subsequent restoration projects. The project included \$1.6 million in funding from the California Department of Fish and Wildlife, National Fish and Wildlife Foundation, California Wildlife Conservation Board, and California State Parks Off-Highway Motor Vehicle Recreation Division. However, the last implementation funding source is ending in March 2025. We request CWSD funds to: 1) extend the duration of streamflow and beaver structures monitoring in Faith Valley by one season (2025 field season) to better quantify the effects of the project toward project goals and evaluate the effects of the project on the CWSD water right release; and 2) provide funding for small-scale adaptive management that may be warranted at the conclusion of the high-flow 2025 winter/spring season to ensure the project's durability and ability to provide lasting ecological benefits for the Carson watershed over the long term. This work will include partnering with Alpine Watershed Group to engage local volunteers to contribute to adaptive management. Project deliverables will include updated streamflow monitoring and beaver monitoring reports, a summary of adaptive management actions, and updated as-built drawings. **Funding request: \$45,629**

Carson City Parks, Recreation & Open Space – Empire Ranch Trail Ecological Restoration

Mareena Lovejoy, Senior Natural Resource Specialist

The objective of this project is to determine the best restoration strategy for combating noxious and nuisance weeds within a segment of river corridor using a combination of herbicide application and planting, taking into account the specific soil types found. The long-term goal is to reduce dependence on herbicide, reduce nonpoint source pollution, and improve water quality as it relates to invasive species control and improved health, structure, and composition of desirable riparian vegetation. This project will take the form of a pilot study that will be used to inform future management actions within CCPROS and the larger Carson River Watershed, where applicable. Funding will be used to purchase approximately 1,000 plants and two educational signs and will formulate the revegetation and education/outreach components of a larger restoration project along the Empire Ranch Trail, which abut the Carson River and Eagle Creek in Carson City, NV.

Funding request: \$15,000

USGS Projects:

United States Geological Survey (1) – Surface Water Monitoring Program in West-Central Nevada

Kurtiss Schmidt, USGS

Surface-water O&M costs include maintaining the stream gaging equipment at 10 gaging stations, real-time monitoring and display of water information, making streamflow measurements, computing streamflow, quality assurance, and data publication and archival in the USGS Water Data for the Nation database. The stream gaging stations include:

1. E FORK CARSON RV BLW MARKLEEVILLE CK NR MARKLEEVILLE
2. W FORK CARSON RV AT WOODFORDS, CA
3. DAGGETT CK NR GENOA, NV
4. CARSON RV NR GENOA, NV
5. CLEAR CK NR CARSON CITY, NV
6. CARSON RV NR CARSON CITY, NV
7. CARSON RV AT DEER RUN RD NR CARSON CITY, NV
8. CARSON RV AT DAYTON, NV
9. CARSON RV NR FORT CHURCHILL, NV
10. FRANKTOWN CK NR CARSON CITY, NV

The following tasks are included in the funding request for the above stations:

- Operation and maintenance of the streamflow gaging stations. Two gages are seasonal: Carson River at Dayton operates from Dec. 1 to Mar. 31, and Franktown Creek is operated from May 1 - Oct. 31.
- Streamflow measurements on a 6-week schedule or as conditions warrant. Additional (approx. 5) measurements on a biweekly schedule at West Fork Carson River at Woodfords and Carson River near Carson City during the summer when flows are lower than other periods of the year.
- Evaluation and analysis of stage data.
- Input of stage and measurement data to the Water Data for the Nation database.
- Development of stage/discharge relations (ratings).
- Computation of continuous streamflow, quality assurance, and final approval.
- Publication of the approved data. Data will be reviewed, compiled, and disseminated throughout the year and annually as water year summaries on the USGS Water Data for the Nation web interface. Real time (updated every hour) provisional data from the streamflow gaging stations will continue to be provided through NWIS web, except the two Genoa gages, where only daily values will be available.

Streamflow information and flow measurements provided at real-time and non-real-time gages in the Carson River Basin define hydro logic conditions throughout the basin, such as sources, sinks, and fluxes of water. Accurate flow data from stream gages provide critical information for water accounting for legal agreements, river and project operations, hazard forecasts, water-quality assessments, and research (such as interaction of water systems; groundwater/surface-water interactions).

Funding request: \$195,703 (2 Years: FY 25-26 \$95,629; FY 26-27 \$100,074)

United States Geological Survey (2) – Carson River Watershed Groundwater Monitoring Program

Jena Huntington, USGS

In 2023, several long-term groundwater monitoring networks within the Carson River watershed were combined into one. Data generated from this collaboration have been crucial for developing groundwater resource models, used to manage water resources within the watershed. The monitoring network has been divided into four subnetworks: Douglas County, Middle Carson, Newlands, and Bulk Precipitation. Currently, each subnetwork is monitored for groundwater levels and select wells within two subnetworks (Douglas County and Newlands) are sampled for water quality (temperature, dissolved oxygen, pH, specific conductance, major ions, nutrients, arsenic). Funding the Carson River Basin

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Groundwater Monitoring Program will maintain the long-term monitoring of groundwater resources within the Carson River watershed. Monitoring bulk precipitation, water levels, and water quality provides data needed to evaluate any effects of increased demand on aquifers within Carson River watershed. Data generated from the proposed monitoring furthers the understanding of the influences of changes in land-use, pumping, and water-resources management practices on groundwater resources. Data collected as part of this monitoring effort will provide useful information for the CRASP update.

Funding request: \$82,450

CWSD Projects:

CWSD – Flood Hazard Web Viewer in the Carson River Watershed (1)

Debbie Neddenriep, Water Resource Specialist 2

At the request of watershed county staff, CWSD was applied for and was awarded \$174,000 in 2020 by FEMA to create a Flood Hazard Viewer digital system to view Area Drainage Master Plans. Michael Baker International was contracted to create the flood hazard viewer and has housed it and maintained it for the past 3 years. CWSD held a series of meetings to gather county input about the usefulness of this system. As a result, of their input and support, CWSD is requesting money to keep this information available to county staff and watershed residents. These funds will be used to migrate this system to CWSD and renew the contract to maintain it.

Funding request: \$144,084 (3 Years – FY 25/26 \$83,404; FY 26/27 \$30,340; FY 27/28 \$30,340)

CWSD – Carson River Watershed Telephone Survey of Residents (2)

Kelly Nicholas, Senior Watershed Clerk

CWSD Staff proposes to conduct a follow-up telephone survey and response analysis of the watershed to determine how our "I am Carson River Watershed" campaign is changing knowledge and behavior. CWSD spent significant resources on the campaign. The survey/analysis will determine our success level and provide the next steps. The key to refining marketing and communications strategies is to evaluate efforts by determining their outcomes. Evaluation should be considered a general rule for any and all marketing and communications efforts undertaken. **Funding request: \$50,000**

CWSD – Carson River Watershed Web Viewer & Partner Portal Maintenance (3)

Kelly Nicholas, Senior Watershed Clerk

CWSD recently created the CRASP Web Viewer and Partner Portal. This request allows the hiring of a contractor to maintain ESRI licensing, keep map layers current and fix any unforeseen glitches. The web viewer/partner portal was funded by NDEP 319 grant. It is a requirement to track 319 funded and other water quality projects. These funds will be used to maintain the CRASP Web Viewer & Partner Portal. The map viewer tracks project implementation in the CR watershed and allows project implementers to directly input their projects via the Survey123 app on their phone at the project site. The public viewer is available on the CWSD website. [Click here to view.](#)

Funding request: \$33,163 (3 Years – FY 25/26 \$16,560; FY 26/27 \$8,129; FY 27/28 \$8,474)

Acquisition/Construction & Floodplain Management Funded Projects:

Truckee-Carson Irrigation District – Carson River Diversion Dam

Benjamin Shawcroft, General Manager

This project consists of the application of a product, Aqualastic to the concrete surfaces of the Carson River Diversion Dam (Dam). The Dam is located approximately five (5) miles downstream of Lahontan Dam in Churchill County, Nevada. Aqualastic™ is a polyurea elastomeric coating that when applied to concrete serves to seal cracks preventing damage to facilities, check undesired flows, and prevent water loss. We have used this product extensively in the Newlands Project and with particular success on the Truckee Canal. The Dam is a United States Bureau of Reclamation facility constructed in 1906. It serves

to divert water released from Lahontan Dam, flowing in the Carson River channel, in one of three (3) ways: 1. Through a series of gates directing continuing flow in the Carson River Channel; 2. Through the head-works of the V-Line Canal; and, 3. Through the head-works of the T-Line Canal. The Dam is 24 feet long with a 225-foot long, 31-foot high concrete control section. In flood operations conducted in 2017, it diverted approximately 3,320 cfs of flow from Lahontan Dam. Then, at the Carson Diversion Dam, TCID diverted as much as 1,700 cfs. into the V-Line Canal, 1,200 cfs. in the Carson River Channel (the Carson River gates are capable of 1,950 cfs), and approximately 200 cfs in the T-Line Canal. Pivotal to continuing water management of water on the Carson River, is our ability to make diversions through the Diversion Dam. In this application we seek to apply Aqualastic™ to cracks in the concrete of the dam thus encapsulating degraded sections of concrete. As stated previously, the Diversion Dam is very old; and, the useful life of its concrete was exceeded long-ago. While our hope is to replace the Diversion Dam in the future, its use in both regular operations and in flood operations remains absolutely essential. Application of Aqualastic™ will serve to prolong the life of the Diversion Dam-protecting it against potential failure particularly amidst flood operations. Protecting the dam from failure serves, ultimately, to protect all property owners on the Carson River below it from flood waters that could not be controlled. This proposed project is consistent with the Carson River Regional Floodplain Management Plan in that it improves aging infrastructure which if left undone would increase the threat of uncontrolled flooding along the Carson River. Preserving the life of this important concrete structure will ensure many more years of valuable flow controls below Lahontan Dam. The benefits resulting from this project similarly satisfy the qualification criteria required in this funding application by reducing the risk of flooding along the Carson River and improving the management of the river.

Funding request: \$50,000

Carson City Public Works – HWY 50 Floodway Capacity & Conveyance Restoration

Darren Anderson, City Engineer

The objective of this project is to remove accumulated sediment and debris from the floodway adjacent to Highway 50. The storm drain infrastructure begins near the Eagle Valley Golf Course, carrying very high sediment loads in a 7-foot culverts under Highway 50 and then south along the highway until it enters private property and is no longer in the NDOT right-of-way. The entire reach is completely full of accumulated sediment to depths of 7 feet, with these culverts barely visible due to the high sediment, water and vegetation content. NDOT would like to restore the channel along Highway 50 and Akron Way in order for it to operate as flood conveyance, to maintain safety of the traveling public and pedestrians. There is currently no capacity for runoff in the channels, it will all back up onto the highway in this area. However, without also restoring the conveyance capacity of the downstream section, the efforts by NDOT are in vain, as sediment and water will be blocked due to the infrastructure. Removing the sediment and debris from the channel will also prevent this material from being transported to the Carson River located directly downstream. The coordination between NDOT and Carson City is essential to maintain safety of the traveling public and prevent flooding. The project will consist of removing vegetation and sediment from the 54" culvert outlet on Parcel APN 008-37-150 for approximately 250 feet in the channel downstream as shown in Attachment A. Work will include re-grading the channel flowline, contractor mobilization, demobilization, any preparatory work, cleanup, temporary erosion BMPs, permit coordination, traffic control, and all other work associated with removing vegetation and sediment from the channel. This drainage is relatively large receiving storm runoff from multiple sources including large offsite watersheds on BLM Land, private properties and developments, Parks, State right of ways, and other City properties. This drainage acts as a regional conveyance passing through these many jurisdictions from where the flows originate in the hills to the north to where the flows terminate into the Carson River to the south. The solution in this particular area needs a big picture solution and a cohesive holistic approach that will address all the interconnected parts so the system will function as a whole again. It doesn't work to piece-meal or part out independent fixes on different portions of the drainage at different times, as the system as a whole will fail if any one part is not functioning properly.

Funding request: \$39,375

Michael Baker International – Web Access System – Web Access System Additional Studies Update

This proposal is for Michael Baker International, Inc. to prepare, format, and upload data for six additional studies into the Web Access System, a GIS-based application created by Michael Baker for CWSD and its affiliated counties. There was no presentation given on this proposal.

Funding request: \$30,021

Item #6 - For Possible Action – Make Recommendations for the Tentative General Fund, Acquisition/Construction Fund, and Floodplain Management Fund FY 2025-26 Budgets

During a working lunch, Mr. James reviewed the General, Acquisition/Construction and Floodplain Management Funds with the committee and announced they need to cut \$295,500 from the General Fund to have a balanced budget for FY 2025-26. This assumes that CWSD will transfer \$75,000 to the Flood Account and \$75,000 to the Acquisition/Construction Account. The projected income from Ad Valorem assumes a 4% increase over FY 2024-25. The actual projected tax figures from the State will not be available until March 25. The proposed Cost of Living Adjustment for FY 2025-26 is 2.8% less an offset for the increase in PERS costs. The offsets for Employer/Employer and Employee/Employer are 0.875 and 0.25, respectively. This follows Carson City PERS reduction policy. The proposed budget included an increase in monthly legal retainer of \$500 as requested by Steve King. Based on further discussion, the committee proposed the following adjustments to reach that goal:

- Do not transfer any funds to the Acquisition/Construction Fund
- Do not transfer any funds to the Flood Fund
- Do not fund Alpine Watershed Group East Fork Geomorphological Study
- Do not fund American Rivers Faith Valley
- Fund CWSD Watershed Campaign Survey \$50,000 from Outside Professional Services Account
- Fund CWSD Flood Hazard Web Viewer Project from the Flood Fund

Committee Member Schank made a motion that the Finance Committee recommend that the Tentative Budgets for the Fiscal Year2025-26 General Fund be approved as adjusted above. Director Hindle seconded the motion which was unanimously approved by the Finance Committee.

Committee Member Schank made a motion that the Finance Committee recommend that the Tentative Budgets for the Fiscal Year2025-26 Floodplain Management and Acquisition/Construction Funds be approved as modified. Committee Member Griffith seconded the motion which was unanimously approved by the Finance Committee.

Item #7 - Public comment: None

The meeting adjourned at 2:16 pm.

Respectfully submitted,

Catrina Schambra

Secretary to the Board

AGENDA ITEM #5

CARSON WATER SUBCONSERVANCY DISTRICT

TO: FINANCE COMMITTEE MEMBERS

FROM: EDWIN D. JAMES

DATE: FEBRUARY 9, 2026

SUBJECT: Agenda Item #5 - For Discussion Only - Review the Tentative General Fund FY 2026-27 Budget and hear presentations for proposed projects; review the Tentative Acquisition/Construction Fund FY 2026-27 Budget; and review the Tentative Floodplain Management Fund FY 2026-27 Budget

DISCUSSION: Attached are the Tentative FY 2026-27 budgets for the General Fund, Acquisition/Construction Fund, Floodplain Management Fund, and the proposed funding requests. For the Tentative General Fund, the total grant requests add up to \$992,152. CWSD will need to reduce the expenses by approximately \$325,000.

For the attached General Fund budget, items shown in blue are grant incomes and expenses. These are estimates based on program schedules. Actual costs are based on invoices. The expenditures are offset by grants funds. Items shown in black are generally fixed costs.

The projected income from Ad Valorem taxes is staff's best guess and assumes a 3.5 % increase over the FY 2025-26. The actual projected tax figures from the State will not be available until March 25. The proposed Cost of Living Adjustment for FY 2026-27 is 2.7%.

Attached is a pie chart that shows the percentage of expenses in the General Fund by categories of Administration, Projects, Studies, Programs, Projects Funded by Grants, Programs Funded by Grants, and Studies Funded by Grants.

STAFF RECOMMENDATION: Provide direction to staff on developing a balanced budget to be submitted to the full CWSD Board.

CWSD FINANCE COMMITTEE

February 9, 2026

Approximate Time Schedule

8:30 Budget and Staffing Overview

8:50 **Carson River Projects**

1. Alpine Watershed Group Upper Carson River Watershed Programs
2. Carson Valley Conservation District Administration & Vegetation Management
3. Carson Valley Conservation District Flood Damage Repairs & Restoration
4. Dayton Valley Conservation District Administration / Management
5. Dayton Valley Conservation District Weed Crew
6. Lahontan Conservation District Clearing & Snagging
7. River Wranglers – Conserve the Carson River Workdays/Field Days
8. Carson City Bowers Lane Project

10:10 **New Projects**

9. Douglas County River Bend Floodplain Revitalization and Recreation Project
10. DRI – Supporting Conjunctive Management in Carson Valley
11. DRI – Pilot Program for Domestic Well Water Quality Sampling in Douglas County

10:40 – 11:00 BREAK

11:00 **New Projects, continued**

12. NDWR Carson Desert Water Availability Study
13. TCID Carson River Diversion Dam Log Boom Installation

11:20 **USGS Projects**

14. USGS Carson River Watershed Groundwater Monitoring Program

12:30 Working Lunch

12:40 **Multi-Year, On-going Projects, or Grants (CWSD staff)**

- 7114-00 Outside Professional Services
- 7117 & 7118 Lost Lakes and Mud Lake Expenses
- 7120-00 Integrated Watershed Projects
- 7120-07 Watershed Tour
- 7126-01 NDEM 30-Year Regional Water Plan (Grant)
- 7127-00 State Parks Aquatic Trail (Grant)
- 7337-51 TNC River Fork Ranch
- 7337-60 DVCD Administration
- 7337-61 DVCD Weed Crew
- 7404-00 Noxious Weeds Control
- 7443-00 FEMA Floodplain Mapping Program COMS 2 (Grant)
- 7600-09 Alpine County - CASGEM (Grant)
- 7600-16 AWG West Fork Geomorphology Study (LGIP Flood Fund)
- 7610-10 Regional Pipeline Payment to Douglas County
- 7620-11 Regional Pipeline Payment to Carson City
- 7640-20 Lahontan Valley Water Level Study

Acquisition/Construction & Floodplain Management Funds Projects

12:50 **Review Budgets & Make Recommendations to the Board**

CARSON WATER SUBCONSERVANCY DISTRICT
Tentative General Fund

	Proposed Tentative Budget	Approved Final Budget	Projected Actual				
				Jul '26 - Jun '27	Jul '25 - Jun '26	Jul '25 - Jun '26	Notes
Income							
5007-00 · Storey County General Tax	\$22,653	\$21,887	\$21,887				3.5 Percent
5008-00 · Alpine County	\$15,875	\$15,338	\$15,338				3.5 Percent
5009-00 · Churchill County Ad Valorem	\$299,222	\$289,103	\$289,103				3.5 Percent
5010-00 · Lyon County Ad Valorem	\$302,701	\$292,465	\$292,465				3.5 Percent
5011-00 · Douglas County Ad Valorem	\$904,059	\$873,487	\$873,487				3.5 Percent
5012-00 · Carson City Ad Valorem	\$651,696	\$629,658	\$629,658				3.5 Percent
5022-00 · Mud Lake Water Lease	\$65,000	\$60,000	\$60,000				
5023-00 · Lost Lake Water Lease	\$780	\$880	\$780				
5031-00 · Interest Income - St Pool Reg	\$19,538	\$22,972	\$37,500				3.00%
5050-07 · CRC Donation	\$0	\$0	\$0				
5101-00 · State Park Aquatic Trails Grant	\$0	\$142,244	\$138,270				Grants
NDEP WQP Grant	\$14,750	\$21,927	\$17,045				Grants
NDEP Regen Ag grant	\$130,950	\$0	\$78,778				Grants
5406-00 · NDEM 30-Yr Regional Water Plan	\$0	\$51,104	\$52,650				Grants
5407-00 · NDEM North Dalley BCA Study	\$0	\$62,538	\$84,550				Grants
5060-00 · Misc. Income / Watershed Tour	\$0	\$5,000	\$5,000				
5082-00 · CASGEM	\$500	\$500	\$500				
208 Planning Grant	\$55,000	\$0	\$5,000				New Grant
6009-00 · FEMA - COMS 2	\$14,825	\$357,430	\$393,363				New Grant
	\$2,497,550	\$2,846,533	\$2,995,374				
Total Income	ADMINISTRATIVE EXPENSES:						Notes
Expense							
7015-00 · Salaries & Wages	\$635,500	\$630,100	\$697,882				
7020-00 · Employee Benefits	\$321,400	\$300,400	\$300,491				
7021-00 · Workers Comp Ins.	\$1,500	\$1,500	\$1,600				
7101-00 · Director's Fees	\$21,000	\$21,000	\$16,500				
7102-00 · Insurance	\$7,000	\$6,203	\$6,203				
7103-00 · Office Supplies	\$4,000	\$4,600	\$3,500				
7104-00 · Postage	\$1,800	\$1,700	\$1,700				
7105-00 · Rent	\$44,800	\$43,521	\$43,521				
7106-00 · Telephone	\$6,600	\$6,400	\$6,400				
7107-00 · Travel-transport/meals/lodging	\$25,000	\$30,500	\$30,500				
7108-00 · Dues & Publications	\$1,800	\$1,800	\$1,800				
7109-00 · Miscellaneous Expense	\$500	\$500	\$500				
7110-00 · Conferences & Education	\$4,600	\$4,600	\$4,600				
7111-00 · Office Equipment	\$7,000	\$7,000	\$7,000				
7112-00 · Bank Charges	\$540	\$60	\$400				
7115-00 · Accounting	\$25,000	\$25,000	\$19,500				
7116-00 · Legal	\$30,000	\$30,000	\$30,000				
	Subtotal-Administrative Expenses	\$1,138,040	\$1,114,884	\$1,172,097			

CARSON WATER SUBCONSERVANCY DISTRICT
General Fund

Multi Year, Studies, and Grants	Proposed Budget	Revised Tentative Final Budget	Projected Actual	Notes
	Jul '26 - Jun '27	Jul '25 - Jun '26	Jul '25 - Jun '26	
PROGRAMS:				
7114-00 · Professional Outside Services	\$50,000	\$23,500	\$23,500	
7117-00 · Lost Lakes Expenses	\$20,000	\$18,000	\$18,000	
7118-00 · Mud Lake O & M	\$2,100	\$1,900	\$1,900	
7120-00 · Integrated Watershed Plan				
7120-07 · Watershed Tour & Watershed Forum	\$1,200	\$7,500	\$7,500	
I am Carson River Survey	\$0	\$45,000	\$45,000	
NDEP WQP Grant	\$14,750	\$19,250	\$10,084	
NDEP Regen Ag grant	\$121,592	\$0	\$65,865	
NDEP Regen Ag grant Match	\$250	\$0	\$250	
7126-01 · NDEM 30-Year Drought Plan	\$0	\$25,442	\$27,852	
7126-02 · NDEM North Dayton Valley BAC	\$0	\$40,839	\$75,500	
7126-02 · NDEM North Dayton Valley BAC Match	\$0	\$11,489	\$18,500	
208 Planning	\$10,000	\$0	\$0	
7332-00 · River Wranglers Flood Awareness	\$0	\$5,000	\$5,000	
7332-00 · River Wranglers	New	\$30,000	\$30,000	
7427-00 · State Park Aquatic Trail	\$0	\$136,194	\$130,875	
7427-01 · State Park Aquatic Trail Match	\$0	\$43,915	\$32,104	
7404-00 · Noxious Weeds Control	\$90,000	\$90,000	\$90,000	
7443-00 · FEMA COMS #2	\$1,175	\$327,566	\$357,890	
7500-00 · USGS Stream Gage Contracts	\$100,074	\$95,629	\$95,629	
7508-03 · USGS Water Quality & GW Collection	New	\$82,450	\$82,450	
7600-05 · Alpine Co. Watershed Group.	New	\$30,000	\$30,000	
7600-09 · CASGEM	\$5	\$5	\$5	
7610-10 · Douglas Co Regional Pipeline	\$125,000	\$125,000	\$125,000	
7620-11 · Regional Pipeline Payment to CC	\$125,000	\$125,000	\$125,000	
7640-20 · Lahontan Valley WTR Level 2024-2026	\$16,000	\$16,000	\$16,000	
7640-18 · Dixie Valley WTR Level measurement	\$27,000	\$26,000	\$25,000	
Carson watershed Web system	\$11,066	\$16,560	\$16,560	
Carson City Ranch Trails	\$0	\$15,000	\$15,000	
Subtotal Multi Year & On-going Projects	\$715,212	\$1,357,239	\$1,470,464	
Counties and River Projects				Notes
7337-70 · CVCD River Repair	\$0	\$112,500	\$112,500	
7337-70 · CVCD River Repair	\$0	\$165,000	\$165,000	
7337-70 · CVCD River Repair Admin	\$0	\$60,000	\$60,000	
7337-39 · DVCD Bank Stab & Dayton Bridge 1	\$0	\$61,800	\$61,800	
7337-40 · DVCD Bank Stab & Dayton Bridge 2	\$0	\$55,000	\$55,000	
7337-40 · DVCD Bank Stab & Dayton Bridge 2	\$0	\$57,000	\$57,000	
7337-40 · DVCD River Monitoring Project	\$0	\$100,000	\$100,000	
7337-46 · LCD Clearing & Sand Bar Removal	\$0	\$32,700	\$32,700	
7337-51 TNC - River Fork Ranch	\$11,337	\$32,089	\$20,752	carryover request
7337-60 · DVCD Administration	\$0	\$50,000	\$50,000	
7337-61 · DVCD Weed Crew	\$0	\$30,000	\$30,000	
Subtotal Carson River Projects	\$11,337	\$756,089	\$744,752	

CARSON WATER SUBCONSERVANCY DISTRICT

New Projects

	FY 2026-27	FY 2027-28	Notes
Alpine Watershed Group	\$35,000		
CVCD Administration	\$60,000		
CVCD River Project	\$175,000		
DVCD Administration	\$50,000	\$50,000	
DVCD Weed	\$30,000	\$30,000	
LCD	\$25,000		
River Wranglers	\$40,000		
Carson City Bowers Lane	\$50,000		
River Bend Floodplain	\$100,000		
DRI Irrigation	\$133,300	\$66,700	
DRI Douglas County Water quality	\$99,752		
NDWR - Churchill County Groundwater Study	\$100,000	\$100,000	
USGS GW Monitoring	\$77,400	\$82,900	
TCID Log Boom	\$50,000		
 Total Expenses for New Projects	 \$1,025,452	 \$0	 \$0
8008-00 - Contingency Fund	\$400,000	\$400,000	\$0
 Total Expenditures	 \$3,290,041	 \$3,628,212	 \$3,387,313
 Net Ordinary Income	 -\$792,492	 -\$781,679	 -\$391,938
Other Income and Expenses			
Other Income			
Beginning Equity	\$651,274	\$882,522	\$947,323
CTWCD Income	\$95,000	\$95,889	\$95,889
Total Other Income	\$746,274	\$978,411	\$1,043,212
Other Expenses			
Transfer from Gen. Fd. to Floodplain Fd.	\$75,000	\$0	\$0
Transfer from Gen. Fd. to Acqu./Const. Fd.	\$75,000	\$0	\$0
Total Other Expenses	\$150,000	\$0	\$0
Net Other Income and Expenses	\$596,274	\$978,411	\$1,043,212
Ordinary Income	 -\$196,218	 \$196,732	 \$651,274
4 Percent	\$131,602	\$145,128	
 LGIP Transfer Expenses	 Proposed	 Revised	 Projected
	 Tentative	 Final	 Actual
	 Budget	 Budget	
 Expenses From Floodplain and Acqu/Const Fds	 Jul '26 - Jun '27	 Jul '25 - Jun '26	 Jul '25 - Jun '26
7630-12 - HWY 50 ROW (Cap)	\$0	\$0	\$0
Projected Water Project	\$1,500,000	\$1,300,000	\$0
Web Access Hosting Data	\$0	\$0	\$5,500
TCID Diversion Dam	\$0	\$50,000	\$50,000
AWG Geomorphological Study WF	\$0	\$43,350	\$57,386
Flood Hazard Web Site development & ADMP Uploads	\$24,100	\$71,954	\$84,506
Carson City Eagle Valley Flood Project	\$0	\$0	\$39,350
Projected Flood Project	\$100,000	\$100,000	\$0
Total Other Fund Accounts Expenses	\$1,624,100	\$1,565,304	\$236,742
 Income From Floodplain and Acqu/Const Fds	 Floodplain	 \$265,304	 \$231,242
Acquisition/Construction	\$1,500,000	\$1,300,000	\$0
Total Other Funds Account Income	\$1,624,100	\$1,565,304	\$231,242
 - ENDING BALANCE	 -\$196,218	 \$196,732	 \$645,774
	 \$4,914,141	 \$5,193,516	 \$3,624,055
	 \$4,867,923	 \$5,390,248	 \$4,275,328

Total Expenditures Including Flood & Acqu/Cons Funds Available Resources

CARSON WATER SUBCONSERVANCY DISTRICT
FLOODPLAIN MANAGEMENT FUND
Fiscal Year 2026-27 Tentative Budget

FLOODPLAIN MANAGEMENT FUND	Proposed Tentative Budget	Adopted Final Budget	Projected Actual	Notes
	Jul '26- Jun '27	Jul '25- Jun '26	Jul '25- Jun '26	
Ordinary Income/Expense				
Income				
5032-01 · Interest Inc - Inv. Pool	6,177	9,348	16,000	3.00%
Net Income	6,177	9,348	16,000	
Other Income				
8000-01 · Beginning Balance	205,909	311,594	418,986	Based on 24-25 Audit
Reimbursement from Churchill Co Maps	0	0	7,666	
8001-01 · Transfer In-General Fund	75,000	0	0	
Net Other Funds	280,909	311,594	426,652	
Total Available Funds	287,086	320,942	442,652	
Expense				
Alpine County Geomorphological Study WF	0	43,350	57,386	
Web Access Hosting data	0	0	5,500	
Flood Hazard Web Site/Flood Study	24100	71,954	84,506	
TCID Diversion Dam	0	50,000	50,000	
Carson City Eagle Valley Flood Project	0	0	39,350	
7203-03 Floodplain Planning	100,000	100,000	0	
Net Expenses	124,100	265,304	236,743	
Transfers out-General Fund				
Web Access Hosting data	0.00	0.00	0.00	
Net Transfers Out-General Fund	-	-	-	
Total Expense	124,100	265,304	236,743	
Ending Balance	162,986	55,638	205,909	

**CARSON WATER SUBCONSERVANCY DISTRICT
ACQUISITION/CONSTRUCTION FUND
2026-27 Tentative Budget**

ACQUISITION/CONSTRUCTION FUND	Proposed	Approved	Projected
	Final	Final	Actual
	Budget	Budget	
Ordinary Income/Expense			
Income			
5032-01 · Interest Inc - Inv. Pool	47,066.82	44,526.48	57,370.00 <i>Based on 3.0 %</i>
Net Income	47,066.82	44,526.48	57,370.00
Other Income			
Beginning Equity	1,568,894.09	1,484,216.00	1,492,334.00 <i>Based on the 24-25 Audit</i>
Transfer In- General Fund	75,000.00	0.00	0.00
Net Other Funds	1,643,894.09	1,484,216.00	1,492,334.00
Total Available funds	1,690,960.91	1,528,742.48	1,549,704.00
Expense			
Right-A-Way Lyon County Utility to Silver			
Springs	0.00	0.00	-19,190.09 <i>Refund Check</i>
Acquisition/Construction Projects	1,500,000.00	1,300,000.00	0.00
Net Expenses	1,500,000.00	1,300,000.00	-19,190.09
Total Expenses	1,500,000.00	1,300,000.00	-19,190.09
Ending Balance	190,960.91	228,742.48	1,568,894.09
4 Percent	60,000.00		



CARSON WATER SUBCONSERVANCY DISTRICT REQUEST FOR FUNDING FY 2026-27

1

APPLICANT:

Name _____

Address _____

City _____

County _____

State _____

Zip Code _____

Email _____

Telephone # _____

APPLICANT'S AGENT (if different from Applicant):

Name _____

Address _____

City _____

County _____

State _____

Zip Code _____

Email _____

Telephone # _____

PROJECT NAME: _____

PROJECT LOCATION/ADDRESS:

PROJECT DESCRIPTION: Briefly describe the project. Provide maps, drawings, photographs or other information. Additional sheets may be attached.

PROJECT GOALS AND BENEFITS: Briefly describe the project goals and benefits to be realized if the project is implemented, and how it is consistent with the CRASP and/or CRRFMP. Additional sheets may be attached.

TOTAL ESTIMATED PROJECT COST: _____

AMOUNT REQUESTED FROM CWSD: _____

SOURCE OF OTHER FUNDS: List all other sources of funds to be used to match funds requested from CWSD. List the provider of the matching funds and the amount requested from each provider.

ESTIMATED DATE PROJECT TO BEGIN: _____

ESTIMATED TIME TO COMPLETE PROJECT: _____
(If completion date is greater than a year, please indicate how much funding is needed in each fiscal year.)

PERMIT REQUIREMENTS: If your project requires a permit, license and/or approval from a governmental agency to proceed, please provide the current status of each requirement. If approval has not been requested or is in progress, please provide the estimated date on which approval can be expected. Additional sheets may be attached.

OTHER INFORMATION: Provide any other information that may be important to the approval of this application.

SIGNED: Kimia D. McFee

NAME: _____

TITLE: _____

DATE: _____

Carson Water Subconservancy District reserves the right to deny any and/or all applications for funding.

CARSON WATER SUBCONSERVANCY DISTRICT

Fiscal Year 2026-27

Alpine Watershed Group Funding Request for Carson River Upper Watershed Programs Additional Sheets

PROJECT DESCRIPTION:

Alpine Watershed Group (AWG) seeks funding for the fiscal year 2026-27 from the Carson Water Subconservancy District for the coordination of its Carson River Upper Watershed Programs. AWG's mission is to protect, conserve, and restore the watersheds of Alpine County by promoting sustainable community and science-based collaborative solutions. For 25 years, AWG has organized volunteers and inspired widespread participation to address water quality monitoring and restoration needs in Alpine County. To further the stewardship of our county's natural resources, our organization has developed diverse partnerships around watershed issues. As the nonprofit environmental organization for the Carson River headwaters (see attached map), our positive impacts extend downstream, where the Carson River flows into Northern Nevada.

Through this project, AWG staff will: 1) involve local citizens in watershed stewardship; 2) plan and implement priority watershed monitoring and restoration activities; 3) engage diverse stakeholders and strengthen community partnerships; and 4) support local watershed education and community outreach.

Alpine County attracts thousands of visitors each year from Nevada, California, and beyond. It is a popular recreation area for fishing, hiking and backpacking, river-running, and winter sports, and it is particularly well-loved by outdoor enthusiasts who reside in adjoining Nevada. The recreational offerings and magnificent nature in Alpine County depend on the clean water and riparian resources that AWG helps to protect. While it is one of AWG's goals to expand involvement in the watershed group by Nevadans, we already have volunteers and participating stakeholders from throughout Northern Nevada. Our active participation in CWSD through its forums and Carson River Coalition working groups, as well as our contributions to newsletters and e-blasts, allow us to help educate residents of the other counties in the watershed about where the water originates and the programs AWG carries out—programs that protect and improve water quality for human use and habitat values both in Alpine County and downstream.

PROJECT GOALS AND BENEFITS:

We have a community that values and acts to protect, conserve, and celebrate the healthy, resilient watersheds of Alpine County. Our organization's goals are to broaden this support and put it to work effectively.

- Goal 1: Alpine County's watersheds and the waters that flow through them are protected, conserved, and restored.
- Goal 2: Community and regional awareness and participation in watershed stewardship are increased.
- Goal 3: AWG has greater organizational capacity and a sustainability plan.

AWG's monitoring, restoration, and education programs benefit the watershed not only in Alpine County, where the Carson River headwaters are located, but also have positive impacts downstream. Protecting and enhancing the headwaters is a critical start to maintaining healthy water quality conditions throughout the watershed's region. Our programs are consistent with the *Carson River Watershed Adaptive Stewardship Plan* and meet the following funding criteria:

- Provide regional benefits within the Carson River watershed
- Improve water quality

- Prevent further stream bank erosion in the long term
- Reduce flooding along the Carson River
- Improve the administration and management of river and stream systems
- Assist water users and the general public in understanding current water issues

Our work to restore and rehabilitate river function is also consistent with the *Carson River Regional Floodplain Management Plan* as these actions help to maintain the waterway in a condition to help ensure unimpeded flows during high storm water events.

In spanning two states, the Carson River watershed presents unique opportunities and challenges. Upper Carson River watershed management planning is of concern to the Nevada Department of Environmental Protection, but the Alpine County portion of the watershed depends on the State of California and the Lahontan Regional Water Quality Control Board for funding eligibility from the US Environmental Protection Agency (EPA) 319 Grant Program. Acceptance of the *West Fork Carson River Vision Plan* by the Regional Board in 2023 opened the door for 319 Grant Program funding for the Upper West Fork Carson River watershed. AWG applied for and received funding from California's Nonpoint Source Grant Program to complete a geomorphological assessment, sediment budget, and project prioritization plan for the Upper West Fork Carson River watershed, with CWSRD providing the required 25% match; this planning project will be completed in March 2026, and AWG and other partners can then start pursuing implementation funding for priority projects. In December 2023, AWG submitted an application for the Upper East Fork Carson River watershed to initiate a similar planning project; this analysis will lead the way to development of the EPA-required 9-element plan. The State Water Resources Control Board approved this project for funding, and in late 2025 AWG succeeded in securing the required 25% match thanks to funding received from Bently Foundation, Friends of Hope Valley, and Sierra Nevada Foundation; the East Fork Carson Prioritization Project will move forward in 2026.

As a very small nonprofit organization, our challenge in 2026-27 is to continue all of AWG's usual programs and ongoing projects while continuing to serve as a community leader in the wake of the Tamarack Fire. Because of the strong relationships we have built with public land managers over the last two decades, AWG has been uniquely qualified to be the catalyst needed for Upper Carson River watershed recovery from the Tamarack Fire. Since the fire, AWG has been successful at garnering support for post-fire work, including data collection, community outreach and education, agency collaboration, and volunteer restoration projects. Regional Forest and Fire Capacity Program funding from Sierra Nevada Conservancy continues through 2026 for AWG to assist with building Alpine County's capacity to increase the scope and scale of forest health and resilience projects; this funding helps to support AWG's part-time Forest Health Coordinator position.

Following is a summary of AWG's monitoring, restoration, and education program plans and projects in the coming year, in addition to the West Fork Carson River Prioritization Project and East Fork Carson River Prioritization Project described above.

Monitoring

- Continuing our long-standing river monitor program, collecting data at eight sites in the Carson River upper watershed four times/year
- Coordinating with the Alpine County Public Health Officer on public outreach on harmful algal blooms (HABs); providing assistance with HAB monitoring in Alpine County if requested by the Lahontan Regional Water Quality Control Board
- Conducting Year 1 post-project aspen monitoring near Monitor Pass to begin the data collection to assess how fuel loading and aspen sucker density have changed after treatment; the goal is to use this data to inform future projects that seek to have the dual benefit of reducing fuels loads and improving aspen grove health

- Continuing seedling survivability surveys of trees planted by volunteers in burned areas to inventory survival rates and share monitoring results
- Ongoing coordination with Markleeville Water Company and Forest Health Community Working Group partners to conduct monitoring in the Musser and Jarvis drainage and implement the recommendations in the *Musser and Jarvis Assessment Report*
- Partnering with East Fork Carson River hot springs partners on monitoring and cleanup of the hot springs area
- Partnering with California State Parks to monitor and address invasive species in and around Grover Hot Springs State Park meadow
- Partnering with Bureau of Land Management (BLM) to coordinate volunteer weed pulls around Alpine County where they have identified nonnative, invasive plant populations on BLM land, such as bull thistle at Indian Creek Reservoir
- Entering data from water quality monitoring into the California Environmental Data Exchange Network (CEDEN), creating data summaries and reports for the public and Alpine County, and analyzing data trends over time to identify priority projects
- Ongoing recruitment of new volunteers for AWG's monitoring programs
- Supporting GIS database development and maintenance for the county's watersheds

Restoration

Hope Valley Restoration & Aquatic Habitat Enhancement Project – 2016 to 2027

The initial goal of this project was to stabilize approximately 450 feet of eroding banks along the West Fork Carson River just downstream of the Highway 88 bridge on California Department of Fish & Wildlife (CDFW) land. The first site was a new project on the first meander downstream of the bridge; the second site was the 2015 American Rivers project site downstream of the first site, where additional work increased bank stability.

Update: Construction was completed in fall 2020, and the latest annual monitoring report is available on the project webpage: <https://www.alpinewatershedgroup.org/hope-valley-restoration-and-aquatic>. Funding from CDFW via the National Fish & Wildlife Foundation, funded by the State Water Board as part of a settlement of a Water Board enforcement action for Kirkwood Resort, covers monitoring and adaptive management. Funding has been extended through June 2027 given unspent funds so that adaptive management work can be designed, permitted, and implemented between Site 1 and Site 2 since there were not significant adaptive management needs at Site 1, and in consulting with the project engineer and partner staff, it was determined that bringing out more equipment to do additional major work at Site 2 would cause more harm than benefit to the meadow.

Markleeville Creek Restoration Project – 2005 to 2030

This project will re-establish the natural form and function of Markleeville Creek through the site of the former US Forest Service Guard Station. The project will re-create the streamside habitat by removing the floodwall and revegetating the floodplain. In 2026 Markleeville Public Utility District (MPUD) will complete an infrastructure upgrade project that includes decommissioning manholes in the floodplain and upgrading the sewer line that runs under the creek. Our community hopes that future funding will allow for development of public access amenities, such as a public restroom.

Update: AWG secured funding for final design and a small portion of the implementation costs from California's Integrated Regional Water Management program. AWG helped facilitate Alpine County securing the remainder of the implementation funding by having the project's revegetation serve as mitigation for Caltrans' Markleeville Bridge replacement project (construction in 2021-2024). Construction of the floodplain restoration project began in 2025 and will be completed in 2026; AWG completed baseline monitoring, is doing monthly field checks, and will conduct monitoring after the project is completed in 2026.

Education and Community Outreach

- Hosting watershed group meetings and field tours; in 2026 we hope to lead a public tour of the Monitor Pass fuels reduction and aspen restoration project area, and we will be hosting a Rangeland Health Workshop and a Forest Health Workshop as part of our Natural and Working Lands Hub with Amador, Calaveras, and Tuolumne Resource Conservation Districts; we will also be doing one-on-one interviews with agricultural producers as part of this partnership to develop a regional Natural and Working Lands Strategy
- Providing administrative support for the Forest Health Community Working Group (FHCWG) meetings and activities, including public meetings, field tours, and tree planting events for Arbor Day and in the fall
- Ongoing education of community members about water quality to encourage stewardship, working especially closely with Alpine County Health & Human Services to communicate about harmful algal blooms
- Engaging community members and visitors through our annual Creek Day workday, and expanding volunteer opportunities through other events such as Adopt-A-Highway cleanups; volunteers who assist with restoration projects have the opportunity to help improve critical wildlife habitat while also learning about the connection between watershed conservation activities and water quality; volunteers also learn simple restoration techniques that they can implement on their own, extending the impact beyond our workday and immediate community
- Continuing to build a stronger partnership with the federally-recognized Washoe Tribe of NV and CA, the Hung-A-Lel-Ti (Woodfords) community, and the Washoe Environmental Protection Department; through the FHCWG we have started work on creating a Tribal Engagement Plan in collaboration with the Tribe
- Expanding our community outreach and action on invasive weeds in collaboration with Alpine County/Upper Carson River Watershed Weed Management Group
- Participating in Lahontan Cutthroat Trout Carson Recovery Implementation Team meetings and helping to ensure that agency studies and plans are communicated to stakeholders
- Continuing to advance sustainable recreation in Alpine County through agency collaboration, community discussions, and utilizing the outreach tools of partners including Carson River Coalition and Sierra Nevada Alliance; continuing to work with partners and agencies on specific issues such as graffiti and litter
- Continuing environmental education programs with Alpine County schools and working to reach Alpine County youth when they move on to Douglas High School, including leading a school-wide field trip for Carson River Snapshot Day; developing a long-term plan for classroom lessons and field trips with support from River Wranglers; and providing support for the re-established Trout in the Classroom Program at Diamond Valley Elementary School
- Expanding watershed awareness by ongoing tabling presence at events throughout the region
- Continuing to be creative on how to expand watershed awareness through virtual tools such as social media and virtual options for watershed group meetings

SOURCE OF OTHER FUNDS:

Alpine County Tobacco Control Program (anticipated) - \$5,000
Bently Foundation - \$30,000
California Department of Conservation (via Amador Resource Conservation District) - \$22,000
California Department of Fish & Wildlife Kirkwood Settlement - \$40,000*
California Integrated Regional Water Management - \$75,000*
The Keith Campbell Foundation for the Environment - \$5,000
Sierra Nevada Conservancy - \$60,000
State Water Board Nonpoint Source Grant Program - \$100,000*
Trout Unlimited - Sagebrush Chapter - \$7,500

**Majority of funds are pass-through funds for consultant services and project permitting; these are estimates of funds to be expended during CWSRD grant period of 7/1/2026-6/30/2027*

OTHER INFORMATION:

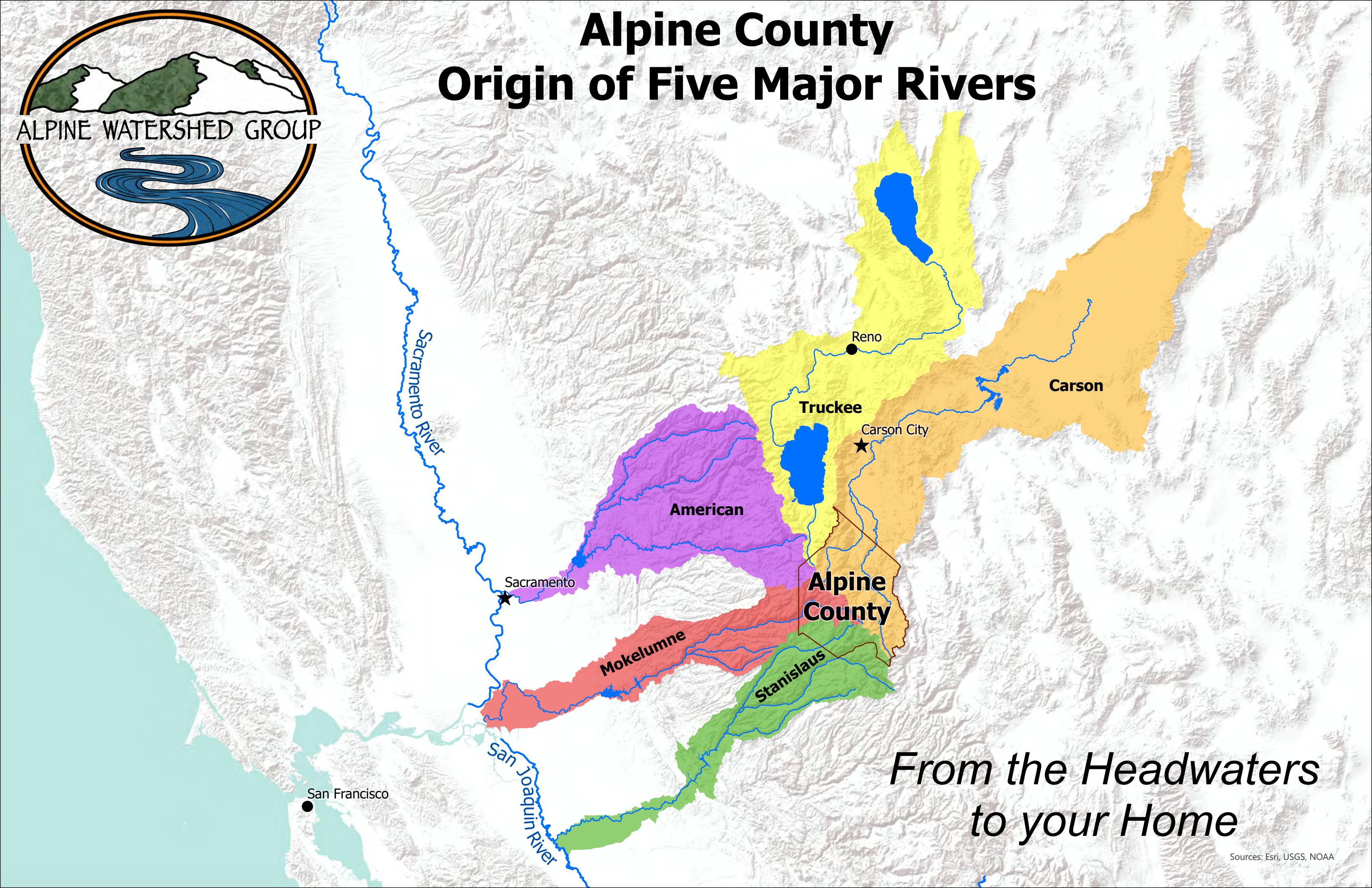
In 2025, 321 volunteers contributed 667 hours sampling water quality, helping with Creek Day cleanup projects, planting trees in burned areas, watering planted trees, cleaning up highways, and sorting recyclables at Death Ride. Volunteers planted 1,235 trees and gathered hundreds of pounds of trash, keeping debris from entering Alpine County's waterways. Our staff applied a variety of monitoring techniques including vegetation monitoring, photo points, and seedling survivability surveys at sites throughout the Upper Carson River watershed. Our staff, with volunteer help, led a field trip in Hope Valley for all Diamond Valley Elementary School students on Snapshot Day. We also led a bioblitz to teach people how to use iNaturalist, and our staff continued to add to our organization's observations of flora and fauna. AWG participated in 15 community events, sharing our mission and projects with approximately 300 people; these included tabling at the Market at Markleeville and participating in South Lake Tahoe and Washoe Earth Day events. One of our California Climate Action Corps Fellows joined our staff after finishing her second term at AWG, assuming the full-time position of Headwaters Coordinator. We recently added a part-time Watershed Projects Coordinator to our team to help us start tackling priority projects in the Upper West Fork Carson River watershed. CWSRD support helps our small, community-based organization build the capacity of Alpine County to address the most critical environmental concerns by utilizing local expertise to monitor changes, lead projects to improve water quality, and educate residents and visitors on water issues.

Thank you!



Alpine County

Origin of Five Major Rivers



*From the Headwaters
to your Home*

Sources: Esri, USGS, NOAA



CARSON WATER SUBCONSERVANCY DISTRICT REQUEST FOR FUNDING FY 2026-27

2

APPLICANT:

Name _____

Address _____

City _____

County _____

State _____

Zip Code _____

Email _____

Telephone # _____

APPLICANT'S AGENT (if different from Applicant):

Name _____

Address _____

City _____

County _____

State _____

Zip Code _____

Email _____

Telephone # _____

PROJECT NAME: _____

PROJECT LOCATION/ADDRESS:

PROJECT DESCRIPTION: Briefly describe the project. Provide maps, drawings, photographs or other information. Additional sheets may be attached.

PROJECT GOALS AND BENEFITS: Briefly describe the project goals and benefits to be realized if the project is implemented, and how it is consistent with the CRASP and/or CRRFMP. Additional sheets may be attached.

TOTAL ESTIMATED PROJECT COST: _____

AMOUNT REQUESTED FROM CWSD: _____

SOURCE OF OTHER FUNDS: List all other sources of funds to be used to match funds requested from CWSD. List the provider of the matching funds and the amount requested from each provider.

ESTIMATED DATE PROJECT TO BEGIN: _____

ESTIMATED TIME TO COMPLETE PROJECT: _____
(If completion date is greater than a year, please indicate how much funding is needed in each fiscal year.)

PERMIT REQUIREMENTS: If your project requires a permit, license and/or approval from a governmental agency to proceed, please provide the current status of each requirement. If approval has not been requested or is in progress, please provide the estimated date on which approval can be expected. Additional sheets may be attached.

OTHER INFORMATION: Provide any other information that may be important to the approval of this application.

SIGNED: Richard Wilkinson

NAME: _____

TITLE: _____

DATE: _____

Carson Water Subconservancy District reserves the right to deny any and/or all applications for funding.

Projects Objectives:

The Carson Valley Conservation District (CVCD) would like to request funding assistance with Staff salaries and operational costs that do not fall directly within the river restoration project's scope of work. In addition to these costs, we would like to ask for your financial support with our Vegetation Management program which helps protect our vital Cottonwood Gallery.

Projects Overview:

Each year, the Carson Valley Conservation District provides significant staff time and support for consulting services to multiple agencies and landowners working in the Carson River Watershed. In the past, district staff have not been able to bill for these services since they do not fall within a particular project scope. As a result, the district has had to volunteer time or the CVCD board has had to pay for staff time without the ability to get reimbursed. The CVCD is a partner with many Federal, State, County and Municipalities and we are considered an excellent source for consulting on matters concerning the health and function of the watershed.

Projects Methods:

CVCD will assist local landowners and agency partners with events/plans/projects that do not directly affect our contracted projects. These tasks include 1) assisting Douglas County with all erosion and stormwater related concerns, 2) assisting CWSD with Carson River Coalition functions, Education Outreach and staff projects, 3) assisting Carson City Open Space with river and tributary erosion and water quality issues, 4) working with local agricultural producers and NRCS on improving irrigation efficiency, crop management and issues with water conveyance, 5) assisting state agencies with water related issues that may arise following high water events or land use concerns, and 6) providing technical assistance for all agencies and landowners with permitting requirements.

Projects Goals:

Allow District Staff flexibility in assisting project partners with resource concerns in the Carson River Watershed
Help the district reimburse staff time for tasks that are outside current project scopes

Help CVCD provide consulting and technical assistance to landowners and agencies

Help the district pay for things that cannot be reimbursed through a river project contract

Projects Tasks:

Work with CWSD Staff to assist with programs

Work with Douglas County to assist with stormwater and erosion issues

Work with Carson City to assist with stormwater and erosion issues

Work with NRCS with EQIP programs for local landowners

Work with local landowners on resource concerns along the Carson River and its Tributaries

Assist state agencies with resources concerns within our district boundaries

Hire an administrative assistant to help with office and fiscal management

Scope of Work (Workplan):

Assist with permitting for landowners utilizing the NRCS EQIP Program

Assist with CWSD staff needs

Assist local agriculture producers with resource concerns

Assist local, state and federal partners with plans to address natural resource issues

Measures of Success:

The district anticipates an overall improvement in their ability to assist district partners with unforeseen conservation issues within district boundaries. The funding will allow staff to address resource and water quality issues that are outside the scope of current river restoration funding. This grant funding will help us establish a network of project partners in hope of expanding district capabilities within our watershed.

Estimated Funding Sources:

Carson Water Subconservancy District	\$60,000.00	Submit in Spring FY 26-27
Carson City Parks & Open Space	\$24,999.00	Approved 2026
Douglas County	\$25,000.00	Approved 2026

DRAFT ESTIMATED PROJECT BUDGET:

CVCD Draft Detailed Budget – CWSD Funding 2025	
District Manager Salary Support	\$25,000
District Coordinator Salary Support	\$25,000
District Admin Assistant Salary Support	\$7,500
Vegetation Management	\$2,500
TOTAL:	\$60,000



Rich Wilkinson providing a river tour with State, Federal, and local partners on the Carson River near Genoa.



CARSON WATER SUBCONSERVANCY DISTRICT REQUEST FOR FUNDING FY 2026-27

3

APPLICANT:

Name _____

Address _____

City _____ County _____

State _____ Zip Code _____

Email _____ Telephone # _____

APPLICANT'S AGENT (if different from Applicant):

Name _____

Address _____

City _____ County _____

State _____ Zip Code _____

Email _____ Telephone # _____

PROJECT NAME: _____

PROJECT LOCATION/ADDRESS:

PROJECT DESCRIPTION: Briefly describe the project. Provide maps, drawings, photographs or other information. Additional sheets may be attached.

PROJECT GOALS AND BENEFITS: Briefly describe the project goals and benefits to be realized if the project is implemented, and how it is consistent with the CRASP and/or CRRFMP. Additional sheets may be attached.

TOTAL ESTIMATED PROJECT COST: _____

AMOUNT REQUESTED FROM CWSD: _____

SOURCE OF OTHER FUNDS: List all other sources of funds to be used to match funds requested from CWSD. List the provider of the matching funds and the amount requested from each provider.

ESTIMATED DATE PROJECT TO BEGIN: _____

ESTIMATED TIME TO COMPLETE PROJECT: _____
(If completion date is greater than a year, please indicate how much funding is needed in each fiscal year.)

PERMIT REQUIREMENTS: If your project requires a permit, license and/or approval from a governmental agency to proceed, please provide the current status of each requirement. If approval has not been requested or is in progress, please provide the estimated date on which approval can be expected. Additional sheets may be attached.

OTHER INFORMATION: Provide any other information that may be important to the approval of this application.

SIGNED: Richard Wilkinson

NAME: _____

TITLE: _____

DATE: _____

Carson Water Subconservancy District reserves the right to deny any and/or all applications for funding.

Projects Objectives:

Carson Valley Conservation District would like to request funding for flood damage repairs and bioengineering establishment at four different locations on the Carson River near Genoa, NV. These four project sites experienced severe erosion during the 2017 floods and most recently in 2022-23. These projects need bioengineering treatments, sediment removal, shaping, and additional rock rip-rap bars and bank protection. The objectives include 1) utilizing instream materials to reshape the eroded bank and protecting it with rock riprap and bioengineering techniques, 2) removing sand and gravel deposits to utilize as fill materials and minimizing channel migration, 3) constructing rock riprap stream bars to ensure bank slope protection and push the thalweg to the center of the river channel and to help reduce hydraulic pressure off the eroded riverbank, and 4) replace and add additional willow poles, container plants, and reseeding on all the proposed projects.

Projects Overview:

The four project locations occur in two general areas. The first area is just upstream of the Cradlebaugh Bridge and includes three bank stabilization project locations. The second area is near Dresslerville, just north of River Rock Rd, and includes one bank stabilization project location.

Cradlebaugh Bridge area sites:

- Heinemann Site #1 – The project length is approximately 700 linear feet of the riverbank.
- Heinemann Site #2 – The project length is approximately 775 linear feet of the riverbank.
- Lippincott Site #1 – The project length is approximately 1,010 linear feet of the riverbank.

Dresslerville area site:

- Settelmeyer Site #1 – The project length is approximately 500 linear feet of the riverbank. There are several downed cottonwood trees at this site that were undercut by erosion.

The implementation of projects at all four site locations will be dependent upon final funding received from all grant sources. If less funding is received, CVCD may only implement projects at only two or three sites.

Scope of Work (SOW):

For each of these sites, the district proposes to use a combination of rock riprap and bioengineering treatments to stabilize the project site. CVCD will utilize instream sand and gravel material to shape banks to a 3:1 slope and will then place riprap along the toe and bank. Bioengineering applications will include willow plantings, COIR fabric to reduce erosion, and willow mats and fascines. Depending on a formal survey, the district may consider instream rock bars to help slow down the river flows and redirect hydraulic energy to the center of the channel. CVCD would like to plant vegetation in the project upland areas which may include trees, shrubs, and grasses at these locations.

CVCD will harvest and install native willow poles and plant native or desirable seed to help mitigate erosion and reseed the disturbed areas. If there are any additional instream materials, these will be removed and taken outside of the 100-year floodplain. CVCD will also remove and large woody debris and place it outside of the work area.

Projects Goals:

Re-establish desirable vegetation
Stabilize eroding riverbanks
Improve water quality
Mitigate future sediment transport
Improve wildlife habitat
Increase channel capacity

Mitigate potential impacts on the Lutheran Bridge, Cradlebaugh Bridge, and roadways
Mitigate potential impacts to the Washoe Tribe's irrigation ditch that is adjacent to the Dresslerville site

Projects Tasks:

- Initiate project stakeholder meetings
- Start the process of renewing or applying for permitting
- Establish landowner access with formal right-of-entry permits
- Hire a consultant for support with design and bidding documents
- Determine the need for repairs or modifications
- Solicit formal bids from contractors
- Start construction and harvesting of bioengineering materials and plants
- Quarterly reporting and reimbursements
- Complete construction
- Submit final reports and reimbursements

Benefits:

This project will serve to benefit the Carson River Watershed through the stabilization of riverbanks and concurrent reduction of erosion at the four proposed project sites. This will also result in a reduction in sedimentation and turbidity of the river in these areas. Rock stream barbs and rock riprap placed on the toe of the bank encourage sediment deposition and riverbank vegetation benefit from the trapped soil and nutrients. The stabilization of the bank will create a gradual slope connecting the river to the floodplain which allows for establishment of riparian vegetation and wildlife access to the river. This stable connection of river to floodplain also allows for gradual flooding and groundwater recharge in the floodplain. Riverbank stabilization is a project type identified as needed in the Carson River Adaptive Stewardship Plan (CRASP).

Construction Methods and Equipment Used:

Equipment may vary based on each contractor's preference however usually the equipment utilized is as follows:

- Large Dozer typically D-8 or larger with a semi-u blade used for pushing materials
- Large Loader with typically a 4 cubic yard bucket or larger used for lifting materials
- Large Backhoes used for pushing, trenching or lifting materials
- Skid Steers used for back dragging and lifting materials
- Large Excavators used for trenching, lifting and placing materials
- Trucking equipment used for hauling materials and equipment

Monitoring and Maintenance Program:

These projects are proof that the conservation district takes pride in annual monitoring. These existing projects are being considered because of our focus on annual photo monitoring and site visits. CVCD will visit each site annually and determine if each project is still intact and functioning as designed. One of the requirements with the Nevada Division of State Lands' right of entry permit is to actively maintain our project work for 20 years. We will continue to monitor and maintain these projects in the future.

Once we complete these projects, we expect to see improvements in the establishment of vegetation and water quality. Our work will improve the project's ability to trap sediment, deflect hydraulic energy and allow for the natural recruitment of water-loving plants.

Permit Requirements:

United States Army Corp. of Engineers Letter of Permission Procedure (LOP)
 Nevada Department of Environmental Protection Working Waterways Permit
 Nevada Department of Environmental Protection 401 Certification
 Nevada Division of State Lands Right of Entry Permit
 State Historic Preservation Office Archeological Section 106
 CVCD Landowner Access Owners Right of Entry Permit

Estimated Funding Sources:

Conserve Nevada Program	\$400,000.00	Submit in Summer FY 26
Carson Water Subconservancy District	\$175,000.00	Submit in Spring FY 26
Nevada Division of Wildlife	\$35,000.00	Submit in Spring FY 26
Nevada Division of Environmental Protection	\$250,000.00	Submit in Spring FY 26
Douglas County	\$100,000.00	Approved FY 26
Shared Stewardship	\$150,000.00	Submit in Spring FY26
Nevada Division of Water Resources	<u>\$250,000.00</u>	Submit in Spring FY 26
	\$1,360,000.00	Potential Income

DRAFT ESTIMATED PROJECT BUDGET:

The district will draft a specific project budget once all the project funding requests have been received or denied. Once we determine how much funding we have, we can complete our line-item budget breaking down each specific category. See draft detailed budget below.

CVCD Draft Detailed Budget 2025	
Project Management	\$40,000
Administration	\$10,000
Permitting/Environmental	\$35,000
Supplies	\$40,000
Equipment Fuels	\$2,500
Vehicle Mileage	\$7,500
Bioengineering Crew	\$125,000
Construction Contractor	\$1,035,000
Engineer Contractor	\$65,000
TOTAL:	\$1,360,000

**CVCD will draft a specific project budget once all funding requests have been processed and granted or denied. Estimated funding sources listed in the supporting materials document have been awarded in recent years but are not guaranteed. Funding totals will ultimately determine the scope of work. Once funding totals are determined, a complete categorized line-item budget will be provided. Due to the nature of river projects, quotes for construction contractors and materials will not be available until later summer once water levels are low enough for final engineering surveys to be completed. Site conditions change yearly, and it is not possible to finalize plans until a few months preceding construction initiation.*

Site-Specific Conditions

Heinemann #1 Site



Project Length: 700 linear feet

Project Bank Height: 10 Feet

Coordinates:

Latitude: 39.2'40.62" N

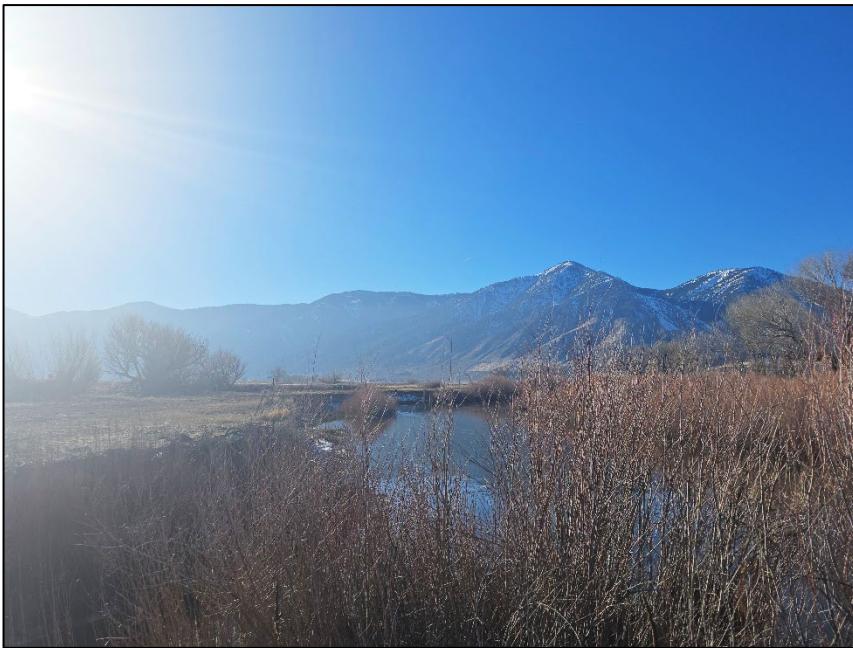
Longitude: -119.47'0.44" W

Project Location Needs for Restoration

- Site is experiencing accelerated erosion and bank sloughing.
- Banks are vertical or concave.
- No desirable vegetation within the project site.
- Project site contributes to sediment discharges.
- Project site conditions contribute to turbid water.
- Impacts to the landowners fencing.
- This project directly impacts the past restoration projects downstream.
- The project directly impacts the Cradlebaugh Bridge downstream.

Site-Specific Conditions

Heinemann #2 Site



Project Length: 775 Feet

Project Bank Height: 10 Feet

Coordinates:

Latitude: 39°2'35.08" N

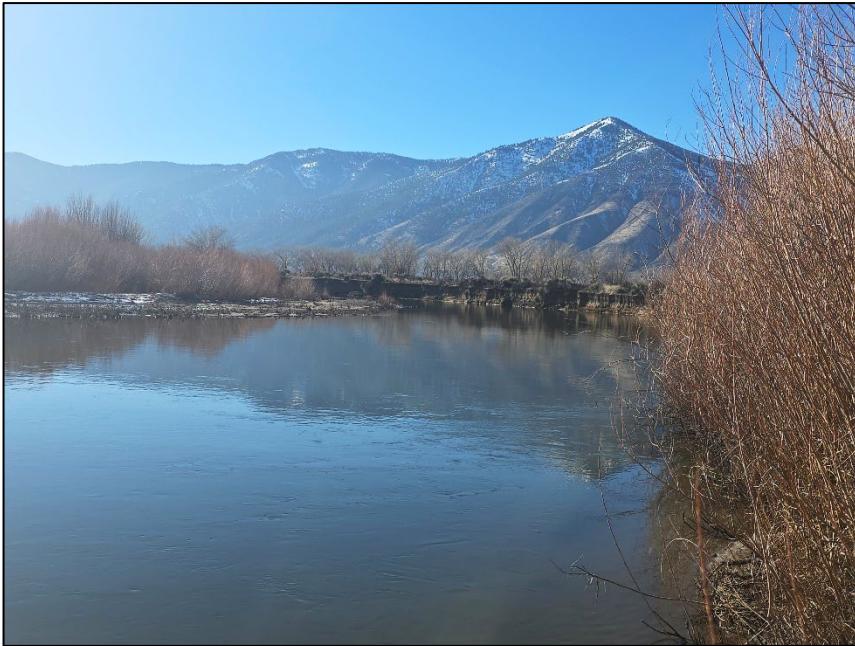
Longitude: -119°47'9.68" W

Project Location Needs for Restoration

- This headcut is starting to impact the Ambrosetti Pond water discharge for Carson City.
- Banks are vertical or concave.
- No desirable vegetation within the project site.
- Project site contributes to sediment discharges.
- Project site conditions contribute to turbid water.
- Impacts to the landowners fencing to keep cattle out of the river.
- This project directly impacts the past restoration projects downstream.
- The project directly impacts the Cradlebaugh Bridge downstream.

Site-Specific Conditions

Lippincott #1 Site



Project Length: 1,010 Feet

Project Bank Height: 10 Feet

Coordinates:

Latitude: 39°2'50.11" N

Longitude: -119°47'1.07" W

Project Location Needs for Restoration

- Banks are vertical or concave.
- No desirable vegetation within the project site.
- Project site contributes to sediment discharges.
- Project site conditions contribute to turbid water.
- Impacts to the landowners fencing to keep cattle out of the river. One section of fencing has already fallen into the river.
- Over the past several years, multiple cottonwood trees have been undercut and fallen into the river. They were removed by NDOT at the Cradlebaugh Bridge.
- This project directly impacts the past restoration projects downstream.
- The project directly impacts the Cradlebaugh Bridge downstream.

Site-Specific Project Details

Settelmeyer #1 Site



Project Length: 500 linear feet

Project Bank Height: 8 Feet

Coordinates:

Latitude: 38°53'35.35" N

Longitude: -119°42'32.46" W

Project Location Needs for Restoration

- Banks are vertical or concave.
- No desirable vegetation within the project site.
- Project site contributes to sediment discharges.
- Project site conditions contribute to turbid water.
- Multiple cottonwood trees have been undermined at this location.
- This bank is eroding towards the adjacent Washoe Tribe irrigation ditch.
- Impacts to the landowners fencing to keep cattle out of the river.
- This project directly impacts the past restoration projects downstream.

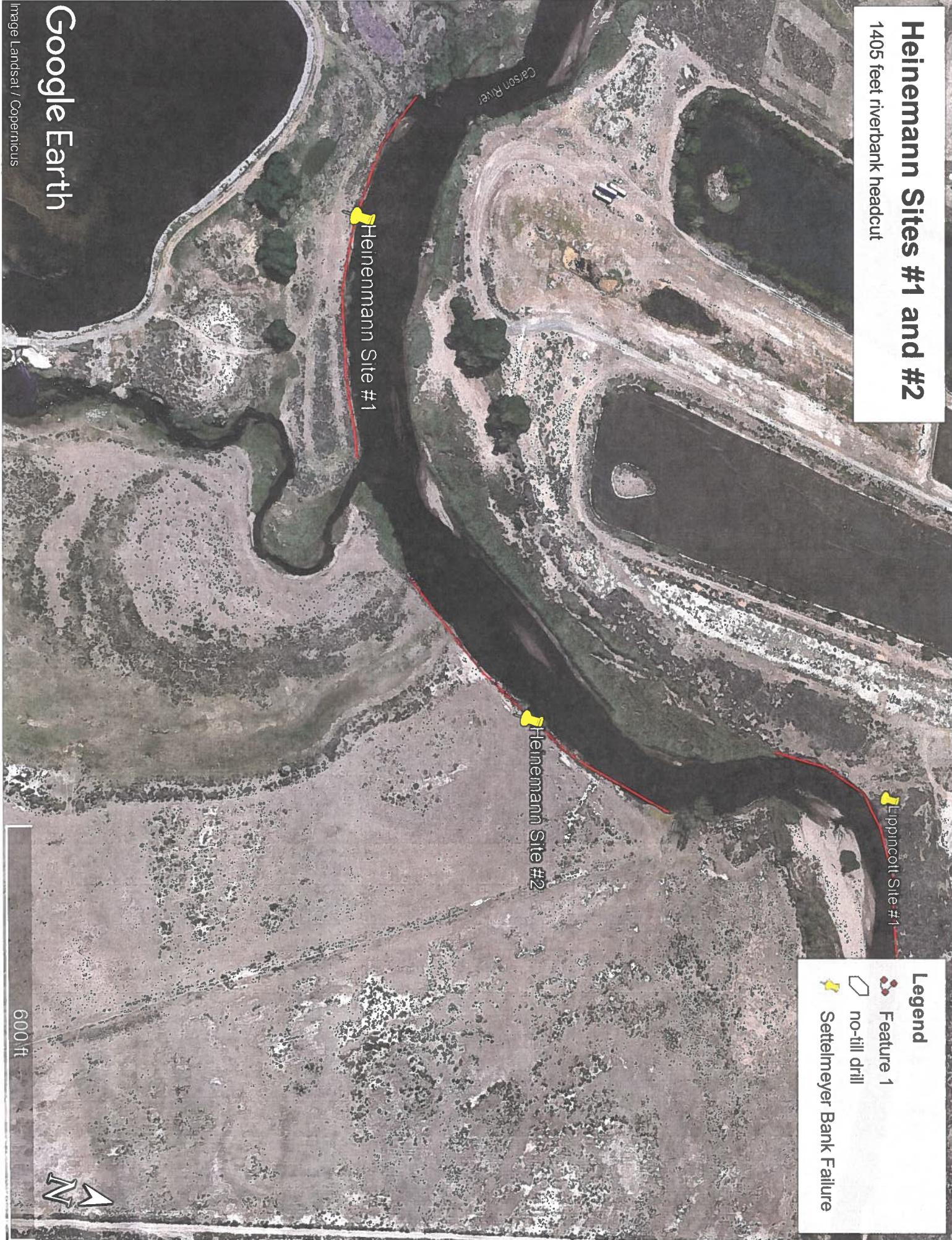
Google Earth

Image Landsat / Copernicus

Heinemann Sites #1 and #2

1405 feet riverbank headcut

Legend	
 Feature 1	 no-till drill
 Settelmeyer Bank Failure	



Lippincott Site #1

790 feet riverbank headcut

Legend	
	Feature 1
	no-till drill

Settelmeyer Bank Failure

Lippincott Site #1

SRacehouse

Settelmeyer Site #1

500 feet riverbank headcut

Legend

- Feature 1
- no-till drill
- Settelmeyer Bank Failure

Settelmeyer Bank Failure





CARSON WATER SUBCONSERVANCY DISTRICT REQUEST FOR FUNDING FY 2026-27

4

APPLICANT:

Name _____

Address _____

City _____

County _____

State _____

Zip Code _____

Email _____

Telephone # _____

APPLICANT'S AGENT (if different from Applicant):

Name _____

Address _____

City _____

County _____

State _____

Zip Code _____

Email _____

Telephone # _____

PROJECT NAME: _____

PROJECT LOCATION/ADDRESS:

PROJECT DESCRIPTION: Briefly describe the project. Provide maps, drawings, photographs or other information. Additional sheets may be attached.

PROJECT GOALS AND BENEFITS: Briefly describe the project goals and benefits to be realized if the project is implemented, and how it is consistent with the CRASP and/or CRRFMP. Additional sheets may be attached.

TOTAL ESTIMATED PROJECT COST: _____

AMOUNT REQUESTED FROM CWSD: _____

SOURCE OF OTHER FUNDS: List all other sources of funds to be used to match funds requested from CWSD. List the provider of the matching funds and the amount requested from each provider.

ESTIMATED DATE PROJECT TO BEGIN: _____

ESTIMATED TIME TO COMPLETE PROJECT: _____
(If completion date is greater than a year, please indicate how much funding is needed in each fiscal year.)

PERMIT REQUIREMENTS: If your project requires a permit, license and/or approval from a governmental agency to proceed, please provide the current status of each requirement. If approval has not been requested or is in progress, please provide the estimated date on which approval can be expected. Additional sheets may be attached.

OTHER INFORMATION: Provide any other information that may be important to the approval of this application.

SIGNED: _____

NAME: _____

TITLE: _____

DATE: _____

Carson Water Subconservancy District reserves the right to deny any and/or all applications for funding.

PROJECT DESCRIPTION: Briefly describe the project. Provide maps, drawings, photographs or other information.

History: Dayton Valley Conservation District began in 1996 as the Middle Carson River Coordinated Resource Management Plan, or Middle Carson River CRMP. In 1999 the CRMP became the Dayton Valley Conservation District. Since its inception, the primary source of funding for Management and Administrative staff came from the Carson Truckee Water Conservancy District. This funding remained in place until 2013. During that 17-year span, with management and administrative costs covered through these funds (\$80,000 annually as of 2013), DVCD completed over 40 major construction projects, multiple repairs, and brought in excess of \$15,000,000 into the local economy.

Project: DVCD hopes to continue local conservation work with a dedicated source of administrative funding, which would cover Fiscal years 2026 and 2027. The last two years of funding has allowed us to cover the salary of an administrative assistant and to upgrade staff computers to working units, thus allowing DVCD to be much more productive on project-related tasks. This continued funding would allow DVCD to continue the progress made as well as begin public outreach such as High School Range Camp Scholarships and River Wrangler workdays. Utilizing project-specific grant funding for personnel and overhead costs is not a tenable approach, as most grants require that hours be exactly specific to the project Scope of Work (SOW) and do not allow for general administrative tasks. DVCD is requesting a 2-year commitment from CWSD to provide annual funding to cover non-project-specific personnel and overhead costs to facilitate continued conservation goals.

Over the next 2 years Dayton Valley CD will be executing a large-scale noxious weed/habitat restoration effort that includes extensive public relations and private landowner outreach elements. There is a significant amount of time and effort required, outside of these endeavors, to continue the daily function of District matters, and to work on the coordination, education, and implementation of the efforts to secure funding.

PROJECT GOALS AND BENEFITS: Briefly describe the project goals and benefits to be realized if the project is implemented, and how it is consistent with the CRASP and/or CRRFMP.

The goal of DVCD is to successfully complete local conservation work, and in so doing, establish broad public awareness and support of the DVCD mission with visible outcomes that benefit the broad population of Central Lyon County. The successful completion of

river projects, the implementation of successful noxious weed/habitat restoration throughout the Middle Carson watershed, and the engagement of the public through public events, social media, and other avenues are expected to contribute to broader public awareness and support for DVCD and its efforts.

Since 1996, DVCD has quietly performed projects that have protected vital riparian areas, agricultural lands, public open spaces, water quality, and habitat restoration. For these efforts to continue for years to come, DVCD is in critical need of a consistent source of dedicated funding to cover ordinary and customary daily management, administrative, and operational functions. These are a large portion of the personnel and operational expenses, and necessary for both the function and survival of DVCD.

Having a two-year source of administrative funds will allow DVCD to:

- 1) Successfully complete ongoing/planned projects which enhance and support riparian function, water quality, flood plain restoration/protection, public education/engagement, and noxious weed control
- 2) Avoid continued spending of project-specific funding on management/administrative costs
- 3) Successfully conduct the necessary efforts to establish public support for and designated funding for the ongoing and successful implementation of broad-reaching conservation efforts within the watershed of the Middle Carson River
- 4) Establish a program at DVCD that is widely identified and supported within the community

AGENDA ITEM #6

CARSON WATER SUBCONSERVANCY DISTRICT

TO: FINANCE COMMITTEE MEMBERS

FROM: EDWIN D. JAMES

DATE: FEBRUARY 9, 2026

SUBJECT: Agenda Item #6 - For Possible Action – Make recommendations for the Tentative General Fund, Tentative Acquisition/Construction Fund, and Tentative Floodplain Management Fund FY 2026-27 Budgets

DISCUSSION: Review and develop balanced budgets for Tentative General Fund, Tentative Acquisition/Construction Fund, and Tentative Floodplain Management Fund.

STAFF RECOMMENDATION: Provide direction to staff to submit balanced budgets for FY 2025-26 Tentative General Fund, Tentative Acquisition/Construction Fund, and Tentative Floodplain Management Fund to CWSD March Board meeting.

AGENDA ITEM #7

PUBLIC COMMENT