



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

CARSON WATER SUBCONSERVANCY DISTRICT Regional Water System & Flood Committee

NOTICE OF PUBLIC MEETING

DATE: December 13, 2024
TIME: 2 pm
LOCATION: CWSD Conference Room or via Zoom
777 E. William Street, Ste. 209
Carson City, NV 89701

Via Zoom: Use this [Zoom Link](#) or call (669) 900-9128. ID: 839 9291 1534; Passcode: 163554

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 and/or to those with disabilities who wish to join the meeting. Please contact Catrina Schambra 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 Administrative 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 the agenda for action at a later meeting.
4. For Possible Action: Approval of Agenda
5. For Possible Action: Approval of February 6, 2023, Regional Water System & Flood Committee Minutes
6. For Possible Action: Discuss the Goals and Purpose of the Floodplain Management Fund
7. For Possible Action: Revise Funding Assistance for Regional Water System Policy and Procedure
8. For Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on the agenda for action at a later meeting.
9. Adjournment

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

To promote cooperative actions with communities to protect the Carson River Watershed.

AFFIDAVIT OF POSTING

The undersigned affirms that on or before 9 am on December 6, 2024, a copy of the *Notice of Public Meeting and Agenda* for the December 13, 2024 meeting of the Carson Water Subconservancy District Regional Water System & Flood Committee, per NRS 241.020 was posted at the following locations: CWSD, 777 E. William St., Ste. 209, Carson City, NV 89701; the CWSD website: <https://www.cwsd.org> and the Nevada Public Notice Website: <https://notice.nv.gov/>



Catrina Schambra, Office Manager, CWSD

12/5/2024 3:30 pm

Date & Time of Posting

CARSON WATER SUBCONSERVANCY DISTRICT
Regional Water System & Flood Committee

February 6, 2023, 10am

Minutes

The CWSD Regional Water System & Flood Committee meeting was held in the CWSD Conference Room, 777 E. William Street, Suite 209, Carson City, NV 89701 and via Zoom.

Committee Members Present:

Charlie Dobson
Jim Hindle
Lisa Schuette
Fred Stodieck
Mike Workman

CWSD Staff Present:

Ed James
Catrina Schambra

Absent Committee Members:

Bus Scharmann

Item #3 – Discussion Only: Public Comment - None

Item #4 - For Possible Action: Approval of Agenda

Director Schuette made a motion to approve the Regional Water System and Flood Committee Agenda. The motion was seconded by Director Hindle and unanimously approved by the Regional Water System and Flood Committee.

Item #5 - For Possible Action: Approval of the Regional Water System and Flood Committee Minutes of January 24, 2022

Director Schuette made a motion to approve the Regional Water System and Flood Committee Minutes from January 24, 2022. The motion was seconded by Director Stodieck and unanimously approved by the Regional Water System and Flood Committee.

Item #6 For Possible Action: Update on the 30-year Regional Water Plan

The grant application was submitted 1.5 years ago and it was just awarded February 2, 2023! This grant is via FEMA Emergency Management, NDEM. The original request was for a 36-month grant to complete the project and the award was for only 24 months. We have already submitted an extension request to have enough time to do the work. Lumos will be the contractor for this project and unique to this grant, we will also be working with USGS. CWSD, Lumos and USGS will be meeting later today to discuss the scope of the project. CWSD will use the funds provided to

the USGS as the match requirement.

Chairman Workman has concerns regarding the errors that were found in the last USGS study. Mr. James explained that the Surface Water and Ground Water models that had errors did not include human interaction, and there was no input by CWSD. Those errors were identified and corrected and we are moving forward. With correct pumping data and ag use this study will be more accurate. There was discussion regarding the 40-40-20 water rights rule of the Alpine Decree and consumptive use. Nevada over allocated water throughout the state. This study is unique in the state and will likely be replicated in other areas.

Director Hindle asked if FEMA would be willing to extend the timeline. Mr. James is optimistic that it will be extended since 24 months is not enough time to complete the project. Director Stodieck noted that it can't have a finite end to the project because of so many variables. The parameters change constantly. It is a guideline for 30 years, a best guess to provide a plan. Gardnerville Ranchos GID, the biggest water purveyor in Douglas County, installed meters that led to a 20% reduction in water use. They are looking at other conservation projects that could reduce another 20%.

No action taken.

Item # 7 For Possible Action: Discussion regarding the updating of the Regional Floodplain Management Plan

Mr. James reported Regional Floodplain Management Plan is supposed to be updated every five years. Although funds for this were not requested in the current FEMA grant, there is a project in the grant that doesn't require LiDAR which is a savings of \$40,000. CWSD may be able to use those funds for this update.

No action taken.

Item # 8 For Possible Action: Discuss regarding future regional water funding needs

There are several large county projects coming up that will cost several million dollars: Hwy 50 pipe upsize; 395 pipelines upsize; and Stagecoach pipeline. CWSD supports these projects. Mr. James will be asking the Board to approve increasing the Acquisition/Construction Fund to help with these projects in the future. The fund currently has a balance of \$1,184,997.03. CWSD currently pays Carson City and Douglas County a total of \$250,000 per year towards their pipeline debt, which will end in 2028. This funding can be used for future regional water systems and flood projects.

No action taken.

Item # 8 – Discussion Only: Public Comment - None

There being no further business to come before the Regional Water System and Flood Committee, Director Workman adjourned the meeting at 10:50am.

Respectfully submitted,

Catrina Schambra

Secretary to the Board

CARSON WATER SUBCONSERVANCY DISTRICT

TO: Regional Water System & Flood Committee Members

FROM: Edwin James

DATE: December 13, 2024

SUBJECT: Agenda Item #6 –For Possible Action: Discuss the Goals and Purpose of the Floodplain Management Fund

DISCUSSION: In 2009, CWSD created the Floodplain Management Fund. The goal of this fund was to build up funds to help pay for studies or projects that would reduce flood risk in the watershed. This came out of the adoption of the Carson River Regional Floodplain Plan. In 2009, initially \$500,000 was transferred into this account with the goal of adding additional funds every year. Unfortunately, from 2010 through 2012 the property tax value dropped so low that CWSD could not put any additional funds into this account for many years. A couple of years ago CWSD set up a goal to transfer at least \$75,000 every year into the Acquisition/Construction Fund, but no action has been taken by CWSD to guarantee funds going into the Floodplain Management Fund. Presently, it is projected that CWSD will not have the income to be able to set aside a fixed amount to be transferred into Floodplain account, but it may be a good time to discuss the goals and objectives for this account.

Attached is a history of the amounts transferred into the Floodplain Management Fund and amounts transferred out of the fund.

STAFF RECOMMENDATION: Provide direction to staff.

Floodplain Management Account

Year	2009-10	2011-12	2012-13	2015-16	2016-17	2017-18	2018-19	2020-21	2022-23	2023-24	2024-25
Income											
Transfers	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 51,800	\$ 90,000	\$ 100,000
Interest	\$ 1,490	\$ 2,070	\$ 1,350	\$ 1,970	\$ 3,590	\$ 4,050	\$ 9,000	\$ 2,500	\$ 6,430	\$ 20,446	\$ 6,300
Other *	\$ 46,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,000
Total	\$ 547,790	\$ 2,070	\$ 1,350	\$ 1,970	\$ 3,590	\$ 4,050	\$ 59,000	\$ 2,500	\$ 58,230	\$ 110,446	\$ 128,300
Expenses											
LiDAR Ground-Truthing	\$ 54,300										
Economic Val of Ecosystem	\$ 9,995										
FEMA Discovery Program		\$ 10,000	\$ 25,000								
Cottonwood Slough			\$ 3,500								
Flood Protection CV				\$ 30,000							
V-Line Emergency Weir					\$ 50,000						
CVCD & DVCD Grade Control Data					\$ 3,000						
CVCD & DVCD Flood Repairs						\$ 30,000	\$ 18,000				
Churchill Co Flood Evaluation							\$ 5,475				
TCID Flood Project								\$ 35,000			
Flood Project Along High 88								\$ 40,000			
Floodplain Planning									\$ 27,331		
TCID Diversion Flood Project										50,000	0
Pinenut LOMR										6,784	0
Clear Creek LOMR										5,945	0
Churchill Co Floodplain Maps										2,533	41,810
Alpine County Geomorphological										3,860	79,490
Web Access Hosting data										7,200	7,200
Emergency Streambank Repairs											
Levee										81,371	0
Total	\$ 64,295	\$ 10,000	\$ 28,500	\$ 30,000	\$ 53,000	\$ 30,000	\$ 23,475	\$ 75,000	\$ 27,331	\$ 157,693	\$ 128,500
Ending Balance	\$ 483,495	\$ 477,895	\$ 450,745	\$ 424,960	\$ 375,550	\$ 349,600	\$ 385,125	\$ 317,925	\$ 365,364	\$ 318,117	\$ 317,917

* Income from Mud Lake & Reimbursement from Churchill County

CARSON WATER SUBCONSERVANCY DISTRICT

TO: Regional Water System & Flood Committee Members

FROM: Edwin James

DATE: December 13, 2024

SUBJECT: Agenda Item #7 –For Possible Action: Revise Funding Assistance for Regional Water System Policy and Procedure

DISCUSSION: The purpose of the Regional Water System Policy is to assist the water purveyors with regional water systems. Over the years there have been concerns with the section dealing with pipeline ownership (see attached policy). This section was added when there was a concern that a private entity may try to utilize the regional water system for their financial benefit.

BACKGROUND:

When this policy was first developed there was a conscious decision not to request reimbursement from any of our water purveyors for the regional system assistance. The funds that were utilized came from the community and it did not make sense to charge the community for the funds they already spent. However, in the early 2000s there was a concern that a private entity might try to utilize the capacity for their economic benefit. To deal with this concern, language was added to the policy that stated that CWSD would own the pipe capacity and CWSD would have the right to charge any private entity for the use of the capacity. This language was a big concern to some of our water purveyors and brought up a lot of questions regarding on-going maintenance and how would CWSD charge for the use of the capacity. Staff would like to discuss deleting of this section in the policy.

STAFF RECOMMENDATION: Make a recommendation to remove the Ownership section from the Regional Water System Policy.

**CARSON WATER SUBCONSERVANCY DISTRICT
FUNDING ASSISTANCE FOR REGIONAL WATER SYSTEM
POLICY AND PROCEDURE**

Revised 3-18-2020

POLICY:

This policy of Carson Water Subconservancy District (CWSD) is to determine projects for which CWSD will provide financial assistance to promote the Regional Water System.

PURPOSE AND OBJECTIVE:

To establish uniform guidelines for providing financial assistance to water purveyors that are developing or up-sizing water distribution systems, both potable and non-potable, which can be used in the regional water system throughout the Carson River Watershed. This funding assistance is not to be used for local water facilities enhancement or for future growth by a single water purveyor. This policy only refers to the money deposited in CWSD's Acquisition/Construction Fund.

DEFINITIONS:

"Regional Water System" refers to any water project, potable or non-potable systems, which can be used to accommodate all, or a portion of the water needs of two or more water purveyors. Any system capacity developed and funded through this program will be maintained by the jurisdiction the system is located, unless specified differently by Board action. The Regional Water System can consist of connecting two or more water systems together, enhancing the water supply for the region, up-sizing distribution systems, or providing other facilities necessary to provide emergency back-up supply that ultimately benefits the regional system.

"Water Purveyor's Water System" refers to any water project which a water purveyor needs to provide water to its service area but may be enlarged to transport water to or through for the benefit of a Regional Water System.

GENERAL PROCEDURES, GUIDELINES, AND RESPONSIBILITIES:

Preapproval:

For any project to be funded, a water purveyor must first submit a written request to CWSD asking if their project is eligible for funding. CWSD will evaluate the request to see if the project is eligible for funding. If the project is eligible, CWSD will send a letter to the water purveyor informing them that their project is eligible for possible funding assistance.

General Procedures:

If CWSD accepts the project, both entities will meet to discuss what specific elements of the project are eligible for funding. An estimation of the costs will also be submitted to CWSD. Once the specific elements have been agreed upon, an agreement will be developed and

submitted to the water purveyor and CWSD to be ratified by both governing bodies

Funding Procedures:

The following are the procedures for establishing the amount of funds available for the regional water system project:

A). Alternative Bids:

1. The water purveyor will develop the bids for the project. If the project is to up-size the Water Purveyor's Water System, the water purveyor will develop one bid for the Water Purveyor's Water System and an alternate bid for the Regional Water System upgrade.
2. The water purveyor will conduct the bidding process and select the successful bidder.
3. CWSD will have up to 30 days to decide if it will participate in the Regional Water System portion of the project.
4. If CWSD elects to participate financially in the project, CWSD will pay the water purveyor the costs associated with the Regional Water System within 180 days after construction has begun.
5. The water purveyor is financially responsible for all change orders.

B) Maximum Project Costs:

1. The Water Purveyor and CWSD will enter a not-to exceed agreement.

Ownership:

The water purveyor that constructs the Regional Water System will own and maintain the facilities. CWSD will own the capacity rights for the portion that represents the Regional Water System, unless specified differently by Board action. The capacity owned by CWSD, is available to any public entity at no cost for the capacity. The public entity that uses the capacity from CWSD shall be responsible for all costs associated with operation, depreciation, and other fees that may be established by the public entity that operates and maintenance the Regional Water System. In the event a private entity wants to utilize the capacity owned by CWSD, CWSD reserves the right to charge for such capacity in an amount that will recoup some or all the financial commitment made by CWSD. The private entity will also be responsible for all costs associated with the operation, maintenance, depreciation, and other costs that may be established by the public entity that operates and maintenance the Regional Water System.

Modifications to the Policy:

Any modification to this policy must be approved by the Board.