



Carson Water Subconservancy District Board of Directors & Carson River Watershed Committee

NOTICE OF PUBLIC MEETING

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

DATE: September 20, 2023
TIME: 6:30 pm
LOCATION: CWSD Conference Room
777 E. William Street, Ste. 209, Carson City, NV 89701

The meeting will be preceded by a tour of the Stewart Conservation Camp of the Northern Nevada Correctional Center. The Board will meet at the Stewart Conservation Camp, 1721 Snyder Avenue, Carson City, 89701 at **3:30 pm**. We will have dinner at **5 pm** at Red's Old 395 Grill (1055 South Carson Street, Carson City, 8970) and our meeting will follow at **6:30 pm** in the CWSD Conference Room. A quorum of the CWSD Directors may be present at the events preceding the board meeting, but no action will be taken.

CWSD encourages Board Members in-person attendance at meetings, but virtual attendance is available via [Zoom](#). If you prefer to phone in, call (669)900-9128. Meeting ID: 859 2526 9029; Passcode: 472254.

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 Board of Directors/Carson River Watershed Committee
2. Roll Call
3. Pledge of Allegiance
4. 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.
5. For Possible Action: Approval of Agenda
6. For Possible Action: Approval of the Board Meeting Minutes of August 16, 2023

****CONSENT AGENDA****

Please Note: All matters listed under the consent agenda are considered routine and may be acted upon by the Board of Directors with one action and without an extensive hearing. Any member of the Board or any citizen may request that an item be taken from the consent agenda, discussed, and acted upon separately during this meeting.

7. For Possible Action: Approval of Treasurer's Report for August 2023

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

8. For Possible Action: Approval of Payment of Bills for August 2023
9. For Possible Action: Approval of Addendum to Agreement #2023-13 – Shane Fryer (Post Employment Work) to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards
10. For Possible Action: CWSD Comment Letter to Lahontan Regional Water Quality Control Board Region 6 on Draft West Fork Carson River Vision Plan

****END OF CONSENT AGENDA****

11. For Discussion Only: Presentation on 25 Years of the Carson River Coalition
12. For Discussion Only: Presentation on the Construction and Upgrades to the Marlette Water System
13. For Discussion Only: Presentation on the streambank damage along the Carson River
14. For Discussion Only: Staff Reports
 - General Manager
 - Legal
 - Correspondence
 - (1) Sheriffs National Night Out - Storey County
 - (2) USBR Letter re: Churchill County Flood Map
15. For Discussion Only: Directors & Committee Members Reports
16. 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.
17. For Possible Action: 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>

In accordance with NRS 241.020, this notice and agenda has been posted at the following locations:

Dayton Utilities Complex
34 Lakes Blvd
Dayton, NV

Storey County Clerk's Office
26 S. B Street
Virginia City, NV

Lyon County Administrative Building
27 S. Main St.
Yerington, NV

Churchill County Administrative Complex
155 N Taylor St.
Fallon, NV

Carson City Hall
201 N. Carson St.
Carson City, NV

Carson Water Subconservancy District Office
777 E. William St., Suite 209
Carson City, NV

Alpine County Government Center
99 Water St.
Markleeville, CA

Minden Inn
1594 Esmeralda Avenue
Minden, NV

CWSD Website: <https://www.cwsd.org>

State Public Meetings Website: <http://notice.nv.gov>

AFFIDAVIT OF POSTING

The undersigned affirms that on or before 10 am on September 13, 2023, he/she posted a copy of the *Notice of Public Meeting and Agenda* for the September 20, 2023, meeting of the Carson Water Subconservancy District Board of Directors, in accordance with NRS 241.020; said agenda was posted at the following location:

Posting Location

SIGNATURE

Name: _____

Title: _____

Date & Time of Posting: _____

AGENDA ITEM #6

**MINUTES OF LAST
BOARD MEETING**

CARSON WATER SUBCONSERVANCY DISTRICT
BOARD OF DIRECTORS AND
CARSON RIVER WATERSHED COMMITTEE MEETING
August 16, 2023

Draft Minutes

Chairperson Workman called the meeting of the Carson Water Subconservancy District (CWSD) to order at 6:30pm in the Storey County Courthouse Slammer & County Museum, 26 South B Street, Virginia City, NV 89440. Roll call of the CWSD Board was taken and a quorum was determined to be present.

CWSD Directors present:

Stacy Giomi	Ernie Schank
Sharla Hales	Bus Scharmann
Tammy Hendrix	Lisa Schuette
Jim Hindle	Mike Workman
Cassi Koerner	

Directors Mark Gardner, Dave Nelson & Fred Stodieck were absent.

The roll call included present CWSD Committee Member, David Griffith. Charlie Dobson was absent.

CWSD Staff & Guests present:

Kathy Canfield, Storey County	Patrick King, CWSD Attorney (Zoom)
Michelle Gamble, Lumos & Assoc.	Debbie Neddenriep, CWSD
Brenda Hunt, CWSD	Austin Osborn, Storey County Manager
Edwin James, CWSD	Max Robinson, CWSD
Scott Keller, Lyon County (Zoom)	Catrina Schambra, CWSD

Chairperson Workman led the pledge of allegiance.

Item #4 – Discussion Only: Public Comment – None

Item #5 – For Possible Action: Approval of Agenda

Mr. James announced changes to the agenda: Item #24 has been pushed to the September 20 Board meeting and Item 27 will be significantly shorter than planned since he forgot to bring the pictures with him. A more detailed presentation on Lost Lake will be given after the water has been released.

Director Schank made a motion to approve the August 16, 2023, Agenda, with announced changes. The motion was seconded by Director Hindle and unanimously approved by the Board.

Item #6 – For Possible Action: Approval of the Board Meeting Minutes of July 19, 2023

Director Koerner made a motion to approve the Board Meeting Minutes of July 19, 2023, as presented. The motion was seconded by Director Giomi and unanimously approved by the Board.

****CONSENT AGENDA****

Item #7 – For Possible Action: Approval of Treasurer’s Report for July 2023

Item #8 – For Possible Action: Approval of Payment of Bills for July 2023

Item #9 – For Possible Action: Approval of Addendum to Agreement #2022-13 - The Nature Conservancy to extend to December 31, 2023

Item #10 – For Possible Action: Approval of Agreement #2023-19 - Resource Concepts, Inc. to complete 90% Design of the Mexican Dam Portage, not to exceed \$27,600 and authorize the General manager to execute change orders up to 10% of the contract amount

Item #11 – For Possible Action: Approval of Addendum to Agreement #2022-1 - Michael Baker, Carson City Southeast ADMP to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #12 – For Possible Action: Approval of Addendum to Agreement #2022-2 – Kimley-Horn, Carson City East ADMP to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #13 – For Possible Action: Approval of Addendum to Agreement #2022-3 – Lumos & Associates, Inc., Virginia City/6 Mile ADMP to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #14 – For Possible Action: Approval of Addendum to Agreement #2022-4 – JE Fuller, Buckeye Creek Flood Mitigation Design to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #15 – For Possible Action: Approval of Addendum to Agreement #2022-24 - JE Fuller-Stagecoach ADMP to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #16 – For Possible Action: Approval of Addendum to Agreement #2022-25 – Kimley-Horn, North Silver Springs ADMP to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #17 – For Possible Action: Approval of Addendum A to Agreement #2023-1 – Michael Baker, Walker River Flood Risk Study to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #18 – For Possible Action: Approval of Addendum B to Agreement #2023-1 – Michael Baker, Walker River Flood Risk Study to assist with the update of the Carson River Floodplain Management Plan in an amount not to exceed \$10,000 and extend term to December 31, 2024

Item #19 – For Possible Action: Approval of Addendum to Agreement #2023-2 – Lumos & Associates, 30-Year Regional Drought & Water Sustainability Study to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2

Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #20 – For Possible Action: Approval of Addendum to Agreement #2022-6 – Nichols Consulting Engineers (NCE), GIS Web Access System to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #21 – For Possible Action: Approval of Addendum to Agreement #2023-12 – Neon Agency, I Am Carson River Watershed – Watershed Moments TV & Radio Campaign to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #22 – For Possible Action: Approval of Addendum to Agreement #2023-17 – J-U-B Engineers, Inc., Fish Springs & Pinenut Creek Study to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Item #23 – For Possible Action: Approval of Revision to CWSD Purchasing & Procedure Policy to update to current language of Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Director Schank made a motion to approve the Consent Agenda (in memory of Director Livermore, who loved a long consent agenda) as presented. The motion was seconded by Director Giomi and unanimously approved by the Board.

****END OF CONSENT AGENDA****

Item #24 - For Discussion Only: Presentation by John Cobourn regarding the 25-Year Anniversary of the Carson River Coalition

This item was pushed to the September 20 meeting.

No action taken.

Item #25 - For Discussion Only: Presentation on the Virginia City/6 Mile Canyon Area Drainage Master Plan

Michelle Gamble, PE, Lumos & Associates, gave a presentation on the Virginia City/6 Mile Canyon ADMP project which was the focus of the tour preceding the Board meeting.

[Click here to review presentation slides.](#)

No action taken.

Item #26 - For Discussion Only: An Update on the 30-Year Regional Drought and Water Supply Study for the Carson River Watershed

Mr. James gave a presentation on the 30-Year Regional Drought and Water Supply Study to evaluate the effects of growth and climate change on the stream flows and groundwater in the watershed. There was a brief discussion of the study effects on Water Purveyor plans and the effective use of reclaimed water. Mr. James stated 100% of the reclaimed water is already being used. This study is separate from any current Water Purveyor's water master plans. The goal is to provide additional information that the Water Purveyors may not have included in their master plans. Mr. James stressed the importance of having current data and models in

place to avoid the problems that have occurred in the Humboldt River watershed due to lack of plan for water needs.

[Click here to view presentation slides.](#)

No action taken.

Item #27 - For Discussion Only: Update on Lost Lakes

Mr. James did not have pictures available to share, but reported he had inspected Lost Lakes and there is still lots of snow up there and he has never seen it so full at this time of year. CWSD will release some water in the Fall but plans to keep it full for the next year.

No action taken.

Item #28 - For Discussion Only: Staff Reports

Mr. James reported the following:

- He is planning a field trip on August 31 for state agencies, funding entities, etc. to view high flow streambank damages. Streambank restoration funding requests will be coming in. Director Giomi suggested asking Federal reps to attend the trip.
- There will be a Single Audit again this year which will be starting in September for FY 22/23.
- CWSD is still working with the Churchill County community regarding updating the floodplain mapping. TCID and USBR have been meeting to discuss the liability issues regarding the future operation of the V-Line. This project is on hold for now.
- He and Mr. King are arranging a meeting with the Legislative Counsel Bureau (LCB) to discuss possible legislation to recognize Alpine County as part of CWSD.
- For the work needed on Marlette Lake dam, the contractor is proposing to lower the water level by 24 feet. Mr. James is concerned about the impact of lowering the water this much. Michelle Gamble stated Lumos has also been working on this project and this is the minimum amount to lower the reservoir to make the needed repairs. She agreed to present the project to the Board at the September meeting.
- **Legal** – None
- **Correspondence** – None

No action was taken.

Item #29 – For Discussion Only: Director & Committee Member Reports –

- Director Koerner reported she met with Seeliger Elementary School staff regarding Ag in the Classroom in mid-October.
- Director Giomi reported Carson City Public Works has applied for State funding for waterline replacement and extension. There is a rapid turnaround for this funding from NDWR.

- Director Scharmann reported Churchill County Commissioners main focus is housing and economic development. A project for a 250,000 SF Warehouse and a Port of Call for the Railroad Station are set for the next year. These are operations that do not use a lot of water.
- Committee Member Griffith reported the Lahontan Water Quality Control Board has released the Draft West Fork Carson River Vision Plan and the comment period is open. Ms. Hunt stated that CWSD will be submitting a comment letter. It is due before the next Board meeting, but a review of the comments will be presented at the September Board meeting.
- Director Hindle thanked Ms. Canfield and Ms. Schambra for arranging the tour, dinner and meeting this evening. Ms. Canfield reported that Storey County's Water Resource Plan is being finalized and also they are starting a Housing Needs Report, all going to be part of the Storey County Master Plan. They are catching up now due to the availability of more funds from new developments. Mr. Osborne reported the estimated cost to replace the waterline will be \$1.9 million.
- Director Schank reported work on the Truckee Canal will be done by the end of October. He suggests the October field trip in Churchill County can be viewing the Truckee Canal. He also requests a presentation to the Board in the next 3 months on Water Rights explaining how they work, including paper water rights, and senior water rights that have never been used. Can CWSD look at legislation to retire unused water rights that are over appropriated? Mr. James stated that there are senior water rights in the books that have never been used because the property was not developed, and meanwhile junior water rights are being actively used. Water rights must be used every 5 years to remain active, but that is only after the initial use. Mr. James will arrange for the State Engineer to come and present on this topic to educate the Board on Nevada Water Rights.

No action was taken.

Item #30 – For Discussion Only: Public Comment –

- Ms. Hunt stated that that CWSD response to the Lahontan Regional Water Quality Control Board Draft West Fork Carson River Vision Plan is due by August 23 and she is writing it now. She will report back to the Board at the September meeting.
- Ms. Neddenriep announced August 12 was Ed James 25th anniversary at CWSD!

There being no further business to come before the Board, Chairperson Workman adjourned the meeting at 8:24pm.

Respectfully submitted,

Catrina Schambra

Secretary to the Board

AGENDA ITEM #7

TREASURER'S REPORT

Floodplain Management Fund
Balance Sheet
As of August 31, 2023

	Aug 31, 23
ASSETS	
Current Assets	
Checking/Savings	
1013-03 · LGIP - Floodplain	370,940.22
Total Checking/Savings	370,940.22
Total Current Assets	370,940.22
TOTAL ASSETS	370,940.22
LIABILITIES & EQUITY	
Equity	
32000 · Retained Earnings	376,462.69
Net Income	-5,522.47
Total Equity	370,940.22
TOTAL LIABILITIES & EQUITY	370,940.22

9:23 AM

09/01/23

Cash Basis

Floodplain Management Fund

Profit & Loss Budget vs. Actual

July through August 2023

	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
5032-03 · Int. Inc.-LGIP-Floodplain	2,955.11	6,526.50	-3,571.39	45.3%
Total Income	2,955.11	6,526.50	-3,571.39	45.3%
Expense				
8009-01 · Reg. Flood Preliminary Planning	0.00	105,658.00	-105,658.00	0.0%
8009-07 · Web Hosting (MB)	0.00	7,200.00	-7,200.00	0.0%
8009-09 · TCID Diversion Dam 23-24	0.00	50,000.00	-50,000.00	0.0%
8009-10 · AWG Geomorpholoical Study 23-25	0.00	83,350.00	-83,350.00	0.0%
8009-11 · ChCty PMR EXT 12/31/23 HDR	2,532.58	44,342.00	-41,809.42	5.7%
8009-12 · Clear Creek LOMR (FEMA Rsp)SCSI	5,945.00	0.00	5,945.00	100.0%
Total Expense	8,477.58	290,550.00	-282,072.42	2.9%
Net Ordinary Income	-5,522.47	-284,023.50	278,501.03	1.9%
Other Income/Expense				
Other Income				
8000-03 · Beginning Equity	0.00	217,550.00	-217,550.00	0.0%
8001-03 · Trans. In	0.00	90,000.00	-90,000.00	0.0%
Total Other Income	0.00	307,550.00	-307,550.00	0.0%
Net Other Income	0.00	307,550.00	-307,550.00	0.0%
Net Income	-5,522.47	23,526.50	-29,048.97	-23.5%

9:23 AM

09/01/23

Cash Basis

Floodplain Management Fund
Profit & Loss YTD Comparison
August 2023

	<u>Aug 23</u>	<u>Jul - Aug 23</u>
Ordinary Income/Expense		
Income		
5032-03 · Int. Inc.-LGIP-Floodplain	1,455.43	2,955.11
Total Income	1,455.43	2,955.11
Expense		
8009-11 · ChCty PMR EXT 12/31/23 HDR	2,532.58	2,532.58
8009-12 · Clear Creek LOMR (FEMA Rsp)SCSI	5,945.00	5,945.00
Total Expense	8,477.58	8,477.58
Net Ordinary Income	-7,022.15	-5,522.47
Net Income	<u>-7,022.15</u>	<u>-5,522.47</u>

Balance Sheet

As of August 31, 2023

	Aug 31, 23
ASSETS	
Current Assets	
Checking/Savings	
1013-01 - Local Gov't Inv.Pool-Acqui/Cons	1,183,099.71
Total Checking/Savings	1,183,099.71
Total Current Assets	1,183,099.71
TOTAL ASSETS	1,183,099.71
LIABILITIES & EQUITY	
Equity	
4000-01 - Fund Balance - Capital Project	1,174,775.03
Net Income	8,324.68
Total Equity	1,183,099.71
TOTAL LIABILITIES & EQUITY	1,183,099.71

9:20 AM

CARSON WTR SUBCONSERVANCY DIST - ACQUISITION/CONSTRUCTION

09/01/23

Profit & Loss Budget vs. Actual

Cash Basis

July through August 2023

	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
5032-01 · Interest Income - LGIP Acqui/Co	9,112.68	35,446.32	-26,333.64	25.7%
Total Income	9,112.68	35,446.32	-26,333.64	25.7%
Expense				
8015-04 · Construction Projects		1,100,000.00	-1,100,000.00	
8015-05 · Lyon Cty Utility ROW Hwy 50 SS	788.00	90,000.00	-89,212.00	0.9%
Total Expense	788.00	1,190,000.00	-1,189,212.00	0.1%
Net Ordinary Income	8,324.68	-1,154,553.68	1,162,878.36	-0.7%
Other Income/Expense				
Other Income				
8000-01 · Beginning Equity		1,181,544.00	-1,181,544.00	
8001-01 · Transfer In from General Fund		75,000.00	-75,000.00	
Total Other Income		1,256,544.00	-1,256,544.00	
Net Other Income		1,256,544.00	-1,256,544.00	
Net Income	8,324.68	101,990.32	-93,665.64	8.2%

9:20 AM

CARSON WTR SUBCONSERVANCY DIST - ACQUISITION/CONSTRUCTION

09/01/23

Profit & Loss YTD Comparison

Cash Basis

August 2023

	Aug 23	Jul - Aug 23
Ordinary Income/Expense		
Income		
5032-01 · Interest Income - LGIP Acqui/Co	4,541.35	9,112.68
Total Income	4,541.35	9,112.68
Expense		
8015-05 · Lyon Cty Utility ROW Hwy 50 SS	788.00	788.00
Total Expense	788.00	788.00
Net Ordinary Income	3,753.35	8,324.68
Net Income	3,753.35	8,324.68

2:13 PM

08/31/23

Cash Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**Balance Sheet****As of August 31, 2023**

	Aug 31, 23
ASSETS	
Current Assets	
Checking/Savings	
1013-00 · Cash in Checking - U. S. Bank	73,128.15
1014-00 · Local Gov't Inv. Pool-Regular	566,426.33
1030-00 · Petty Cash	94.33
Total Checking/Savings	639,648.81
Other Current Assets	
1055-00 · Payroll Deposit - Carson City	500.00
Total Other Current Assets	500.00
Total Current Assets	640,148.81
TOTAL ASSETS	640,148.81
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
3360-00 · Accrued Vacation	24,979.38
3362-00 · Accrued sick leave	65,334.98
Total Other Current Liabilities	90,314.36
Total Current Liabilities	90,314.36
Total Liabilities	90,314.36
Equity	
4000-00 · Fund Balance	584,734.78
Net Income	-34,900.33
Total Equity	549,834.45
TOTAL LIABILITIES & EQUITY	640,148.81

10:12 AM

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

09/01/23

Profit & Loss Budget vs. Actual

Cash Basis

July through August 2023

	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
5007-00 · Storey County Contribution		17,665.04	-17,665.04	
5008-00 · Alpine Co. Joint Powers contrib		13,088.75	-13,088.75	
5009-00 · Churchill County Ad Valorem		257,925.40	-257,925.40	
5010-00 · Lyon County Ad Valorem		239,718.66	-239,718.66	
5011-00 · Douglas County Ad Valorem	37,064.57	747,737.96	-710,673.39	5.0%
5012-00 · Carson City Ad Valorem	33,272.88	535,257.11	-501,984.23	6.2%
5022-00 · Water Lease - Mud Lake		58,000.00	-58,000.00	
5023-00 · Water Lease-Lost Lakes		880.00	-880.00	
5031-00 · Interest Income-LGIP Gen.Fund	6,513.30	16,587.80	-10,074.50	39.3%
5050-00 · Watershed Coordinator Grant				
5050-15 · NDEP WS COORD VI 2023		126,600.00	-126,600.00	
Total 5050-00 · Watershed Coordinator Grant		126,600.00	-126,600.00	
5058-00 · 208 Water Quality Plan				
5058-06 · NDEP 208 Water Quality AG		20,171.00	-20,171.00	
Total 5058-00 · 208 Water Quality Plan		20,171.00	-20,171.00	
5060-00 · Misc. Income/Watershed Tour		6,000.00	-6,000.00	
5082-00 · Alpine Co.-CASGEM Grant		1,250.00	-1,250.00	
5101-00 · State Parks Aquatic Trail Grant		25,030.00	-25,030.00	
5406-00 · NDEM 30-Yr Drought Plan		119,400.00	-119,400.00	
6007-00 · FEMA-MAS #12	34,383.68	124,000.00	-89,616.32	27.7%
6008-00 · FEMA - COMS #1	19,817.97	491,400.00	-471,582.03	4.0%
Total Income	131,052.40	2,800,711.72	-2,669,659.32	4.7%
Expense				
7015-00 · Salaries & Wages	77,281.85	529,400.00	-452,118.15	14.6%
7020-00 · Employee Benefits	30,723.06	212,800.00	-182,076.94	14.4%
7021-00 · Workers Comp Ins.		1,000.00	-1,000.00	
7101-00 · Director's Fees				
7101-01 · Director Benefits	25.94		25.94	100.0%
7101-02 · Director's Fees-Alpine Co.	240.00		240.00	100.0%
7101-00 · Director's Fees - Other	1,676.56	18,000.00	-16,323.44	9.3%
Total 7101-00 · Director's Fees	1,942.50	18,000.00	-16,057.50	10.8%
7102-00 · Insurance		5,400.00	-5,400.00	
7103-00 · Office Supplies	288.42	4,800.00	-4,511.58	6.0%
7104-00 · Postage	268.65	1,600.00	-1,331.35	16.8%
7105-00 · Rent	6,828.80	40,972.80	-34,144.00	16.7%
7106-00 · Telephone/Internet	558.59	5,300.00	-4,741.41	10.5%
7107-00 · Travel-transport/meals/lodging				
7107-01 · Car Allowance	1,000.00		1,000.00	100.0%
7107-00 · Travel-transport/meals/lodging - Other	416.84	19,000.00	-18,583.16	2.2%
Total 7107-00 · Travel-transport/meals/lodging	1,416.84	19,000.00	-17,583.16	7.5%
7108-00 · Dues & Publications	5.00	1,600.00	-1,595.00	0.3%
7109-00 · Miscellaneous Expense		1,000.00	-1,000.00	
7110-00 · Conferences & Education		3,500.00	-3,500.00	
7111-00 · Office Equipment	419.17	6,600.00	-6,180.83	6.4%
7112-00 · Bank Charges		50.00	-50.00	
7114-00 · Outside Professional Services	120.00	50,000.00	-49,880.00	0.2%
7115-00 · Accounting		16,800.00	-16,800.00	
7116-00 · Legal	2,000.00	30,000.00	-28,000.00	6.7%
7117-00 · Lost Lakes Expenses	180.00	15,000.00	-14,820.00	1.2%
7118-00 · Mud Lake O & M		1,500.00	-1,500.00	
7120-00 · Integrated Watershed Programs				
7120-07 · Watershed Tour		1,000.00	-1,000.00	
7120-55 · NDEP WS COORD VI 2023	322.12	55,900.00	-55,577.88	0.6%

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CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

09/01/23

Profit & Loss Budget vs. Actual

Cash Basis

July through August 2023

	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
7120-56 · NDEP WS COORD VI 2023 (MATCH)		18,550.00	-18,550.00	
Total 7120-00 · Integrated Watershed Programs	322.12	75,450.00	-75,127.88	0.4%
7126-01 · NDEM 30-Year Drought Plan	3.36	90,000.00	-89,996.64	0.0%
7127-00 · State Parks Aquatic Trail	1,020.00	19,770.00	-18,750.00	5.2%
7215-03 · Sierra NV Journeys 23-24		3,279.00	-3,279.00	
7332-09 · RW CCR Work Days 23-24		30,000.00	-30,000.00	
7337-00 · Carson River Restoration				
7337-02 · Dayton Valley Conservation Dist		100,000.00	-100,000.00	
7337-40 · DVCD Bank Stab & Bridge 23-24				
Total 7337-02 · Dayton Valley Conservation Dist		100,000.00	-100,000.00	
Total 7337-00 · Carson River Restoration		100,000.00	-100,000.00	
7337-01 · Carson Valley Conserv District				
7337-30 · CVCD Carson River Repairs 23-24		215,000.00	-215,000.00	
Total 7337-01 · Carson Valley Conserv District		215,000.00	-215,000.00	
7337-04 · Lahontan Conserv.Dist				
7337-46 · LCD Clearing & Sand Bars 23-24		29,500.00	-29,500.00	
Total 7337-04 · Lahontan Conserv.Dist		29,500.00	-29,500.00	
7404-00 · Noxious Weeds Control-CR Wtrshd		90,000.00	-90,000.00	
7406-00 · 208 Water Quality Mgmt. Plan		3,340.00	-3,340.00	
7406-04 · NDEP 208 Water Qual AG 2022-23	105.48		105.48	100.0%
7440-72 · MB Web Access Match-Hosting Fee		7,200.00	-7,200.00	
7441-00 · FEMA - MAS #12				
7441-02 · CC Southeast ADMP - KH	11,487.25	25,858.00	-14,370.75	44.4%
7441-03 · VC 6-Mile Cyn ADMP-Lumos	10,964.10	29,110.00	-18,145.90	37.7%
7441-04 · Buckeye Creek -JEF	4,704.60	4,940.00	-235.40	95.2%
7441-07 · Trvl/Hotel/Meals/Conf/Mileage	875.00	2,025.00	-1,150.00	43.2%
7441-08 · FAW/HWM-Ads/Materials/Supplies	24.89	31,475.00	-31,450.11	0.1%
7441-00 · FEMA - MAS #12 - Other	24.51		24.51	100.0%
Total 7441-00 · FEMA - MAS #12	28,080.35	93,408.00	-65,327.65	30.1%
7442-00 · FEMA - COMS 1				
7442-01 · Stagecoach ADMP - JEF	11,238.00	193,505.00	-182,267.00	5.8%
7442-02 · North Silver Springs ADMP - KH	5,100.00	63,520.00	-58,420.00	8.0%
7442-03 · Walker River Flood Risk - MB		44,221.00	-44,221.00	
7442-04 · Fish Springs - J-U-B		134,089.00	-134,089.00	
7442-05 · FAW/HWM-Ads/Materials/Supplies		15,000.00	-15,000.00	
7442-06 · Trvl/Hotel/Meals/Conf/Mileage		2,365.00	-2,365.00	
7442-07 · CR Floodplain Mgmt Plan -MB		10,000.00	-10,000.00	
7442-00 · FEMA - COMS 1 - Other	71.12		71.12	100.0%
Total 7442-00 · FEMA - COMS 1	16,409.12	462,700.00	-446,290.88	3.5%
7500-00 · USGS Monitoring Contracts				
7500-05 · USGS Stream Flow Gages 23-24		89,603.00	-89,603.00	
7510-01 · USGS GW & WQ 23-24		44,200.00	-44,200.00	
Total 7500-00 · USGS Monitoring Contracts		133,803.00	-133,803.00	
7600-00 · Alpine County Projects				
7600-09 · Al.Co.-CASGEM		5.00	-5.00	
7600-15 · AWG Programs 23-24		30,000.00	-30,000.00	
Total 7600-00 · Alpine County Projects		30,005.00	-30,005.00	
7610-00 · Douglas County Projects				
7610-10 · Do.Co.Reg.Pipeline Debt Service		125,000.00	-125,000.00	
Total 7610-00 · Douglas County Projects		125,000.00	-125,000.00	

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CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

09/01/23

Profit & Loss Budget vs. Actual

Cash Basis

July through August 2023

	Jul - Aug 23	Budget	\$ Over Budget	% of Budget
7620-00 · Carson City Projects				
7620-11 · CC Reg.Pipeline Debt Service		125,000.00	-125,000.00	
Total 7620-00 · Carson City Projects		125,000.00	-125,000.00	
7640-00 · Churchill County Projects				
7640-20 · Lahontan Vly.Wtr.Lvl. 2021-24		15,000.00	-15,000.00	
7640-22 · Dixie Valley Wtr Lvl 2022-25		23,000.00	-23,000.00	
Total 7640-00 · Churchill County Projects		38,000.00	-38,000.00	
7700-00 · PROJECTS PAID BY LGIP FUNDS				
7610-19 · Pinenut Ck LOMR-FEMA Resp-HDR	1,300.00		1,300.00	100.0%
7620-18 · Clear Creek LOMR (FEMA Rsp)SCSI	5,945.00		5,945.00	100.0%
7630-12 · Lyon Cty HWY 50 ROW ext 6/30/25		90,000.00	-90,000.00	
Total 7700-00 · PROJECTS PAID BY LGIP FUNDS	7,245.00	90,000.00	-82,755.00	8.1%
Total Expense	175,218.31	2,725,777.80	-2,550,559.49	6.4%
Net Ordinary Income	-44,165.91	74,933.92	-119,099.83	-58.9%
Other Income/Expense				
Other Income				
8005-00 · Beginning Equity		552,926.50	-552,926.50	
8009-00 · Trans. In-Floodplain Mgmt. Fd.	8,477.58	7,200.00	1,277.58	117.7%
8015-00 · Trans. In-Acq/Const. Fund	788.00	90,000.00	-89,212.00	0.9%
Total Other Income	9,265.58	650,126.50	-640,860.92	1.4%
Other Expense				
8002-00 · Transfer Out-Acq/Const Fund		75,000.00	-75,000.00	
8008-00 · Preliminary Planning		400,000.00	-400,000.00	
8014-00 · Trans. Out-Floodplain Mgmt. Fd.		90,000.00	-90,000.00	
Total Other Expense		565,000.00	-565,000.00	
Net Other Income	9,265.58	85,126.50	-75,860.92	10.9%
Net Income	-34,900.33	160,060.42	-194,960.75	-21.8%

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CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

09/01/23

Profit & Loss YTD Comparison

Cash Basis

August 2023

	Aug 23	Jul - Aug 23
Ordinary Income/Expense		
Income		
5009-00 · Churchill County Ad Valorem		
5010-00 · Lyon County Ad Valorem		
5011-00 · Douglas County Ad Valorem	37,064.57	37,064.57
5012-00 · Carson City Ad Valorem	39,718.13	33,272.88
5031-00 · Interest Income-LGIP Gen.Fund	2,840.99	6,513.30
5058-00 · 208 Water Quality Plan		
5058-06 · NDEP 208 Water Quality AG	3,688.86	
Total 5058-00 · 208 Water Quality Plan	3,688.86	
5060-00 · Misc. Income/Watershed Tour		
5101-00 · State Parks Aquatic Trail Grant	4,354.07	
6007-00 · FEMA-MAS #12	34,383.68	34,383.68
6008-00 · FEMA - COMS #1	19,817.97	19,817.97
Total Income	141,868.27	131,052.40
Expense		
7015-00 · Salaries & Wages	59,885.09	77,281.85
7020-00 · Employee Benefits	24,284.94	30,723.06
7021-00 · Workers Comp Ins.		
7101-00 · Director's Fees		
7101-01 · Director Benefits	25.94	25.94
7101-02 · Director's Fees-Alpine Co.	80.00	240.00
7101-00 · Director's Fees - Other	1,520.00	1,676.56
Total 7101-00 · Director's Fees	1,625.94	1,942.50
7103-00 · Office Supplies	25.37	288.42
7104-00 · Postage	172.15	268.65
7105-00 · Rent	3,414.40	6,828.80
7106-00 · Telephone/Internet	291.34	558.59
7107-00 · Travel-transport/meals/lodging		
7107-01 · Car Allowance	750.00	1,000.00
7107-00 · Travel-transport/meals/lodging - Other	-24.88	416.84
Total 7107-00 · Travel-transport/meals/lodging	725.12	1,416.84
7108-00 · Dues & Publications		5.00
7111-00 · Office Equipment	178.27	419.17
7114-00 · Outside Professional Services		120.00
7116-00 · Legal	2,000.00	2,000.00
7117-00 · Lost Lakes Expenses		180.00
7120-00 · Integrated Watershed Programs		
7120-55 · NDEP WS COORD VI 2023	83.09	322.12
7120-56 · NDEP WS COORD VI 2023 (MATCH)		
Total 7120-00 · Integrated Watershed Programs	83.09	322.12
7126-01 · NDEM 30-Year Drought Plan	2.70	3.36
7127-00 · State Parks Aquatic Trail		1,020.00
7337-00 · Carson River Restoration		
7337-02 · Dayton Valley Conservation Dist		
7337-37 · DVCD Projects Inv. EXT 6/30/23	15,501.00	
7337-39 · DVCD Pardere Ricci EXT6/30/24	2,580.27	
Total 7337-02 · Dayton Valley Conservation Dist	18,081.27	
Total 7337-00 · Carson River Restoration	18,081.27	
7337-04 · Lahontan Conserv.Dist		
7337-44 · LCD- Lower Carson 21-22(EXT)		
7337-45 · LCD Clearing & Sand Bars 22-23		

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09/01/23

Cash Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**Profit & Loss YTD Comparison**

August 2023

	Aug 23	Jul - Aug 23
Total 7337-04 · Lahontan Conserv.Dist		
7404-00 · Noxious Weeds Control-CR Wtrshd		
7404-01 · Noxious Weed Control-Alpine Co.		
7404-02 · Noxious Weed Control-Douglas Co		
7404-03 · Noxious Weed Control-CarsonCity		
7404-04 · Noxious Weed Control-Lyon Co.	15,751.08	
7404-05 · Noxious Weed Control-Churchill		
Total 7404-00 · Noxious Weeds Control-CR Wtrshd	15,751.08	
7406-04 · NDEP 208 Water Qual AG 2022-23	0.48	105.48
7441-00 · FEMA - MAS #12		
7441-02 · CC Southeast ADMP - KH	11,487.25	11,487.25
7441-03 · VC 6-Mile Cyn ADMP-Lumos	10,964.10	10,964.10
7441-04 · Buckeye Creek -JEF	4,704.60	4,704.60
7441-07 · Trvl/Hotel/Meals/Conf/Mileage		875.00
7441-08 · FAW/HWM-Ads/Materials/Supplies	24.89	24.89
7441-00 · FEMA - MAS #12 - Other	13.71	24.51
Total 7441-00 · FEMA - MAS #12	27,194.55	28,080.35
7442-00 · FEMA - COMS 1		
7442-01 · Stagecoach ADMP - JEF	11,238.00	11,238.00
7442-02 · North Silver Springs ADMP - KH	5,100.00	5,100.00
7442-00 · FEMA - COMS 1 - Other	55.48	71.12
Total 7442-00 · FEMA - COMS 1	16,393.48	16,409.12
7500-00 · USGS Monitoring Contracts		
7500-04 · USGS Stream Flow Gauges 21-23		
7508-04 · DoCo WQ/GW Mon. 2021-23		
7524-02 · USGS-GW Lvl & WQ-ChCo 2018-23		
7526-01 · USGS Middle Carson GW 2020-24		
7529-00 · USGS Water Resources 2022-24		
Total 7500-00 · USGS Monitoring Contracts		
7640-00 · Churchill County Projects		
7640-20 · Lahontan Vly.Wtr.Lvl. 2021-24		
7640-22 · Dixie Valley Wtr Lvl 2022-25		
Total 7640-00 · Churchill County Projects		
7700-00 · PROJECTS PAID BY LGIP FUNDS		
7610-19 · Pinenut Ck LOMR-FEMA Resp-HDR	1,300.00	1,300.00
7620-18 · Clear Creek LOMR (FEMA Rsp)SCSI	5,945.00	5,945.00
7630-12 · Lyon Cty HWY 50 ROW ext 6/30/25		
Total 7700-00 · PROJECTS PAID BY LGIP FUNDS	7,245.00	7,245.00
Total Expense	177,354.27	175,218.31
Net Ordinary Income	-35,486.00	-44,165.91
Other Income/Expense		
Other Income		
8009-00 · Trans. In-Floodplain Mgmt. Fd.	8,477.58	8,477.58
8015-00 · Trans. In-Acq/Const. Fund	788.00	788.00
Total Other Income	9,265.58	9,265.58
Net Other Income	9,265.58	9,265.58
Net Income	-26,220.42	-34,900.33

AGENDA ITEM #8

PAYMENT OF BILLS

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08/31/23

Cash Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Transaction Detail by Account

August 2023

Type	Date	Num	Name	Memo	Paid Amount	Balance
1013-00 · Cash in Checking - U. S. Bank						
Deposit	08/02/2023			Deposit	6,491.75	6,491.75
Deposit	08/03/2023			Deposit	100,000.00	106,491.75
Check	08/04/2023	11043	Euronev, Ltd.	#74334 August Rent	-3,414.40	103,077.35
Deposit	08/07/2023			Deposit	3,688.86	106,766.21
Check	08/07/2023	11044	JE Fuller Hydrology & ...	#P3832.01-14 & #P3987.01-7	-15,942.60	90,823.61
Check	08/07/2023	11045	Carson City	CWSD Payroll #16	-28,922.89	61,900.72
General Jo...	08/08/2023			Lyon County HWY 50 ROW	788.00	62,688.72
Check	08/09/2023	11046	Dayton Valley Conserv...	FY 22-23 Payments	-33,832.35	28,856.37
Check	08/09/2023	11047	Pacific Office Automati...	Customer #710047	-52.15	28,804.22
General Jo...	08/10/2023			Churchill County PMR (HDR)	2,532.58	31,336.80
Check	08/14/2023	11048	King & Russo, Ltd.	Professional Services July 2023	-2,000.00	29,336.80
Check	08/14/2023	11049	Pacific Office Automati...	Acct#1055811531	-206.27	29,130.53
Check	08/14/2023	11050	Lumos & Assoc., Inc.	Inv#118901	-10,964.10	18,166.43
Check	08/14/2023	11051	HDR Engineering, Inc.	Inv#1200546650	-1,300.00	16,866.43
Check	08/14/2023	11052	Kelly Nicholas	July & August Mileage Reimbursement	-66.16	16,800.27
Deposit	08/14/2023			Deposit	37,064.57	53,864.84
Check	08/15/2023	11053	Kimley-Horn & Associa...	25587618 & 25587573	-16,587.25	37,277.59
Deposit	08/16/2023			Deposit	4,354.07	41,631.66
Check	08/17/2023	11054	Carson City	CWSD Payroll #17	-27,570.81	14,060.85
Deposit	08/21/2023			Deposit	54,201.65	68,262.50
Deposit	08/21/2023			Deposit	33,364.51	101,627.01
Check	08/21/2023	11055	Stantec	2118678	-5,945.00	95,682.01
Check	08/21/2023	11056	David Griffith	August Director Fee	-80.00	95,602.01
General Jo...	08/21/2023			Clear Creek LOMR (FEMA Response) Stantec	5,945.00	101,547.01
Check	08/28/2023	11057	Bank of America	Acct. #4024 4910 0003 3949	-598.32	100,948.69
Check	08/31/2023	11058	Carson City	CWSD Payroll #18	-29,972.27	70,976.42
Total 1013-00 · Cash in Checking - U. S. Bank					70,976.42	70,976.42
1014-00 · Local Gov't Inv. Pool-Regular						
Deposit	08/01/2023			Interest	2,840.99	2,840.99
Deposit	08/03/2023		LGIP	Transfer From LGIP General Fund to US Bank Checking	-100,000.00	-97,159.01
Total 1014-00 · Local Gov't Inv. Pool-Regular					-97,159.01	-97,159.01
1030-00 · Petty Cash						
General Jo...	08/31/2023			August Petty Cash Replenishment/Balance	-37.83	-37.83
Total 1030-00 · Petty Cash					-37.83	-37.83
3307-00 · CC Payroll Due						
Check	08/07/2023	11045	Carson City	Payroll #16 (7/14/2023-7/27/2023)	28,922.89	28,922.89
General Jo...	08/07/2023			Payroll #16 (7/14/2023-7/27/2023)	-29,201.89	-279.00
General Jo...	08/07/2023			July Meals (7/19/23 Bd Mtg Meal)	279.00	
General Jo...	08/17/2023			Payroll #17 (7/28/2023-8/10/2023)	-27,570.81	-27,570.81
Check	08/17/2023	11054	Carson City	Payroll #17 (7/28/2023-8/10/2023)	27,570.81	
General Jo...	08/31/2023			Payroll #18 (8/11/2023-8/24/2023)	-30,140.23	-30,140.23
General Jo...	08/31/2023			August Meals (8/16/23 Bd Mtg Meal)	167.96	-29,972.27
Check	08/31/2023	11058	Carson City	Payroll #18 (8/11/2023-8/24/2023)	29,972.27	
Total 3307-00 · CC Payroll Due						
5011-00 · Douglas County Ad Valorem						
Deposit	08/14/2023	741604	Douglas County Treas...	July Ad Valorem Taxes	-37,064.57	-37,064.57
Total 5011-00 · Douglas County Ad Valorem					-37,064.57	-37,064.57
5012-00 · Carson City Ad Valorem						
Deposit	08/02/2023	90310...	Carson City	June Ad Valorem Taxes (FY22-23)	-6,445.25	-6,445.25
Deposit	08/21/2023	90310...	Carson City	July Ad Valorem Taxes	-33,272.88	-39,718.13
Total 5012-00 · Carson City Ad Valorem					-39,718.13	-39,718.13
5031-00 · Interest Income-LGIP Gen.Fund						
Deposit	08/01/2023			Interest	-2,840.99	-2,840.99
Total 5031-00 · Interest Income-LGIP Gen.Fund					-2,840.99	-2,840.99
5058-00 · 208 Water Quality Plan						
5058-06 · NDEP 208 Water Quality AG						
Deposit	08/07/2023	92571...	Nevada State Treasurer	Inv #5 April-June 2023	-3,688.86	-3,688.86
Total 5058-06 · NDEP 208 Water Quality AG					-3,688.86	-3,688.86
Total 5058-00 · 208 Water Quality Plan					-3,688.86	-3,688.86
5101-00 · State Parks Aquatic Trail Grant						
Deposit	08/16/2023	92633...	Nevada State Treasurer	Invoice 1 - 1/1/23-6/30/23	-4,354.07	-4,354.07
Total 5101-00 · State Parks Aquatic Trail Grant					-4,354.07	-4,354.07

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08/31/23

Cash Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Transaction Detail by Account

August 2023

Type	Date	Num	Name	Memo	Paid Amount	Balance
6007-00 · FEMA-MAS #12						
Deposit	08/21/2023		FEMA	Draw 17	-34,383.68	-34,383.68
Total 6007-00 · FEMA-MAS #12					-34,383.68	-34,383.68
6008-00 · FEMA - COMS #1						
Deposit	08/21/2023		FEMA	Draw 8	-19,817.97	-19,817.97
Total 6008-00 · FEMA - COMS #1					-19,817.97	-19,817.97
7015-00 · Salaries & Wages						
General Jo...	08/07/2023			Salary Payroll #16 Hunt	3,370.01	3,370.01
General Jo...	08/07/2023			Salary Payroll #16 James	7,265.35	10,635.36
General Jo...	08/07/2023			Salary Payroll #16 Neddenriep	2,959.88	13,595.24
General Jo...	08/07/2023			Salary Payroll #16 Robinson	2,929.51	16,524.75
General Jo...	08/07/2023			Salary Payroll #16 Schambra	3,423.96	19,948.71
General Jo...	08/07/2023			July Meals (7/19/23 Bd Mtg Meal)	-116.25	19,832.46
General Jo...	08/17/2023			Salary Payroll #17 Hunt	3,306.10	23,138.56
General Jo...	08/17/2023			Salary Payroll #17 James	7,242.10	30,380.66
General Jo...	08/17/2023			Salary Payroll #17 Neddenriep	2,805.14	33,185.80
General Jo...	08/17/2023			Salary Payroll #17 Robinson	2,747.74	35,933.54
General Jo...	08/17/2023			Salary Payroll #17 Schambra	3,301.00	39,234.54
General Jo...	08/31/2023			Salary Payroll #18 Hunt	4,159.11	43,393.65
General Jo...	08/31/2023			Salary Payroll #18 James	7,255.02	50,648.67
General Jo...	08/31/2023			Salary Payroll #18 Neddenriep	3,124.90	53,773.57
General Jo...	08/31/2023			Salary Payroll #18 Robinson	2,862.20	56,635.77
General Jo...	08/31/2023			Salary Payroll #18 Schambra	3,313.92	59,949.69
General Jo...	08/31/2023			August Meals (8/16/23 Bd Mtg Meal)	-64.60	59,885.09
Total 7015-00 · Salaries & Wages					59,885.09	59,885.09
7020-00 · Employee Benefits						
General Jo...	08/07/2023			Benies Payroll #16 Hunt	1,793.53	1,793.53
General Jo...	08/07/2023			Benies Payroll #16 James	3,179.54	4,973.07
General Jo...	08/07/2023			Benies Payroll #16 Neddenriep	1,457.46	6,430.53
General Jo...	08/07/2023			Benies Payroll #16 Robinson	522.37	6,952.90
General Jo...	08/07/2023			Benies Payroll #16 Schambra	1,073.55	8,026.45
General Jo...	08/17/2023			Benies Payroll #17 Hunt	1,778.99	9,805.44
General Jo...	08/17/2023			Benies Payroll #17 James	3,179.20	12,984.64
General Jo...	08/17/2023			Benies Payroll #17 Neddenriep	1,411.16	14,395.80
General Jo...	08/17/2023			Benies Payroll #17 Robinson	493.07	14,888.87
General Jo...	08/17/2023			Benies Payroll #17 Schambra	1,056.31	15,945.18
General Jo...	08/31/2023			Benies Payroll #18 Hunt	2,072.78	18,017.96
General Jo...	08/31/2023			Benies Payroll #18 James	3,179.39	21,197.35
General Jo...	08/31/2023			Benies Payroll #18 Neddenriep	1,518.59	22,715.94
General Jo...	08/31/2023			Benies Payroll #18 Robinson	512.50	23,228.44
General Jo...	08/31/2023			Benies Payroll #18 Schambra	1,056.50	24,284.94
Total 7020-00 · Employee Benefits					24,284.94	24,284.94
7101-00 · Director's Fees						
7101-01 · Director Benefits						
General Jo...	08/07/2023			Director Benies Payroll #16 Gardner (ABSENT 7/19 Bd Mtg)		
General Jo...	08/07/2023			Director Benies Payroll #16 Giomi (7/19 Bd Mtg)	1.50	1.50
General Jo...	08/07/2023			Director Benies Payroll #16 Hales (7/19 Bd Mtg)	1.50	3.00
General Jo...	08/07/2023			Director Benies Payroll #16 Hendrix (7/19 Bd Mtg)	1.16	4.16
General Jo...	08/07/2023			Director Benies Payroll #16 Hindle (7/19 Bd Mtg)	1.16	5.32
General Jo...	08/07/2023			Director Benies Payroll #16 Koerner (7/19 Bd Mtg)	1.50	6.82
General Jo...	08/07/2023			Director Benies Payroll #16 Nelson (7/19 Bd Mtg)	1.50	8.32
General Jo...	08/07/2023			Director Benies Payroll #16 Schank (7/19 Bd Mtg)	1.16	9.48
General Jo...	08/07/2023			Director Benies Payroll #16 Scharmann (ABSENT 7/19 Bd Mtg)		9.48
General Jo...	08/07/2023			Director Benies Payroll #16 Schuette (7/19 Bd Mtg)	1.50	10.98
General Jo...	08/07/2023			Director Benies Payroll #16 Stodieck (7/19 Bd Mtg)	1.50	12.48
General Jo...	08/07/2023			Director Benies Payroll #16 Workman (7/19 Bd Mtg)	1.50	13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Gardner (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Giomi (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Hales (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Hendrix (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Hindle (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Koerner (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Nelson (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Schank (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Scharmann (No meetings this pay per...		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Schuette (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Stodieck (No meetings this pay period)		13.98
General Jo...	08/17/2023			Director Benies Payroll #17 Workman (No meetings this pay period)		13.98
General Jo...	08/31/2023			Director Benies Payroll #18 Gardner (ABSENT 8/16/23 Bd Mtg)		13.98
General Jo...	08/31/2023			Director Benies Payroll #18 Giomi (8/16/23 Bd Mtg)	1.35	15.33
General Jo...	08/31/2023			Director Benies Payroll #18 Hales (8/16/23 Bd Mtg)	1.35	16.68
General Jo...	08/31/2023			Director Benies Payroll #18 Hendrix (8/16/23 Bd Mtg)	1.35	18.03

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Cash Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Transaction Detail by Account

August 2023

Type	Date	Num	Name	Memo	Paid Amount	Balance
General Jo...	08/31/2023			Director Benies Payroll #18 Hindle (8/16/23 Bd Mtg)	1.35	19.38
General Jo...	08/31/2023			Director Benies Payroll #18 Koerner (8/16/23 Bd Mtg)	1.35	20.73
General Jo...	08/31/2023			Director Benies Payroll #18 Nelson (ABSENT 8/16/23 Bd Mtg)		20.73
General Jo...	08/31/2023			Director Benies Payroll #18 Schank (8/16/23 Bd Mtg)	1.35	22.08
General Jo...	08/31/2023			Director Benies Payroll #18 Scharmann (8/16/23 Bd Mtg)	1.16	23.24
General Jo...	08/31/2023			Director Benies Payroll #18 Schuette (8/16/23 Bd Mtg)	1.35	24.59
General Jo...	08/31/2023			Director Benies Payroll #18 Stodieck (ABSENT 8/16/23 Bd Mtg)		24.59
General Jo...	08/31/2023			Director Benies Payroll #18 Workman (8/16/23 Bd Mtg)	1.35	25.94
Total 7101-01 · Director Benefits					25.94	25.94
7101-02 · Director's Fees-Alpine Co.						
Check	08/21/2023	11056	David Griffith	August Alpine County Director Fee	80.00	80.00
Total 7101-02 · Director's Fees-Alpine Co.					80.00	80.00
7101-00 · Director's Fees - Other						
General Jo...	08/07/2023			Director Fee Payroll #16 Gardner (ABSENT 7/19 Bd Mtg)		
General Jo...	08/07/2023			Director Fee Payroll #16 Giomi (7/19 Bd Mtg)	103.25	103.25
General Jo...	08/07/2023			Director Fee Payroll #16 Hales (7/19 Bd Mtg)	103.25	206.50
General Jo...	08/07/2023			Director Fee Payroll #16 Hendrix (7/19 Bd Mtg)	80.00	286.50
General Jo...	08/07/2023			Director Fee Payroll #16 Hindle (7/19 Bd Mtg)	80.00	366.50
General Jo...	08/07/2023			Director Fee Payroll #16 Koerner (7/19 Bd Mtg)	103.25	469.75
General Jo...	08/07/2023			Director Fee Payroll #16 Nelson (7/19 Bd Mtg)	103.25	573.00
General Jo...	08/07/2023			Director Fee Payroll #16 Schank (7/19 Bd Mtg)	80.00	653.00
General Jo...	08/07/2023			Director Fee Payroll #16 Scharmann (ABSENT 7/19 Bd Mtg)		653.00
General Jo...	08/07/2023			Director Fee Payroll #16 Schuette (7/19 Bd Mtg)	103.25	756.25
General Jo...	08/07/2023			Director Fee Payroll #16 Stodieck (7/19 Bd Mtg)	103.25	859.50
General Jo...	08/07/2023			Director Fee Payroll #16 Workman (7/19 Bd Mtg)	103.25	962.75
General Jo...	08/07/2023			July Meals (7/19/23 Bd Mtg Meal)	-162.75	800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Gardner (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Giomi (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Hales (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Hendrix (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Hindle (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Koerner (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Nelson (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Schank (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Scharmann (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Schuette (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Stodieck (No meetings this pay period)		800.00
General Jo...	08/17/2023			Director Fee Payroll #17 Workman (No meetings this pay period)		800.00
General Jo...	08/31/2023			Director Fee Payroll #18 Gardner (ABSENT 8/16/23 Bd Mtg)		800.00
General Jo...	08/31/2023			Director Fee Payroll #18 Giomi (8/16/23 Bd Mtg)	92.92	892.92
General Jo...	08/31/2023			Director Fee Payroll #18 Hales (8/16/23 Bd Mtg)	92.92	985.84
General Jo...	08/31/2023			Director Fee Payroll #18 Hendrix (8/16/23 Bd Mtg)	92.92	1,078.76
General Jo...	08/31/2023			Director Fee Payroll #18 Hindle (8/16/23 Bd Mtg)	92.92	1,171.68
General Jo...	08/31/2023			Director Fee Payroll #18 Koerner (8/16/23 Bd Mtg)	92.92	1,264.60
General Jo...	08/31/2023			Director Fee Payroll #18 Nelson (ABSENT 8/16/23 Bd Mtg)		1,264.60
General Jo...	08/31/2023			Director Fee Payroll #18 Schank (8/16/23 Bd Mtg)	92.92	1,357.52
General Jo...	08/31/2023			Director Fee Payroll #18 Scharmann (8/16/23 Bd Mtg)	80.00	1,437.52
General Jo...	08/31/2023			Director Fee Payroll #18 Schuette (8/16/23 Bd Mtg)	92.92	1,530.44
General Jo...	08/31/2023			Director Fee Payroll #18 Stodieck (ABSENT 8/16/23 Bd Mtg)		1,530.44
General Jo...	08/31/2023			Director Fee Payroll #18 Workman (8/16/23 Bd Mtg)	92.92	1,623.36
General Jo...	08/31/2023			August Meals (8/16/23 Bd Mtg Meal)	-103.36	1,520.00
Total 7101-00 · Director's Fees - Other					1,520.00	1,520.00
Total 7101-00 · Director's Fees					1,625.94	1,625.94
7103-00 · Office Supplies						
Check	08/09/2023	11047	Pacific Office Automati...	July Color Copies	52.15	52.15
Check	08/14/2023	11049	Pacific Office Automati...	August - B/W Copies	28.00	80.15
Deposit	08/21/2023	1003	River Wranglers	June Copies	-74.35	5.80
Deposit	08/21/2023	1003	River Wranglers	July Copies	-17.28	-11.48
Check	08/28/2023	11057	Bank of America	Copier Paper & Labels	65.45	53.97
Check	08/28/2023	11057	Bank of America	Faucet for Breakroom Sink	69.38	123.35
General Jo...	08/31/2023			Debbie Neddenriep - Bleach Spray Cleaner for Breakroom	5.37	128.72
General Jo...	08/31/2023			Ed James - Reimbursement for 8/16/23 Bd Mtg Meal Drinks	32.46	161.18
General Jo...	08/31/2023			August Copies	-135.81	25.37
Total 7103-00 · Office Supplies					25.37	25.37
7104-00 · Postage						
Check	08/28/2023	11057	Bank of America	8/16/23 Board Meeting Agenda Mailing	172.15	172.15
Total 7104-00 · Postage					172.15	172.15
7105-00 · Rent						
Check	08/04/2023	11043	Euronev, Ltd.	August Rent	3,414.40	3,414.40

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Cash Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Transaction Detail by Account

August 2023

Type	Date	Num	Name	Memo	Paid Amount	Balance
Total 7105-00 · Rent					3,414.40	3,414.40
7106-00 · Telephone/Internet						
Check	08/28/2023	11057	Bank of America	Google Domain Renewal (1 Year) iamcarsonriver.com & iamcarso...	24.00	24.00
Check	08/28/2023	11057	Bank of America	August ZOOM	15.99	39.99
Check	08/28/2023	11057	Bank of America	Vonage Phone System - August	142.85	182.84
Check	08/28/2023	11057	Bank of America	August - Microsoft Internet	75.00	257.84
Check	08/28/2023	11057	Bank of America	August - Microsoft 395	6.00	263.84
Check	08/28/2023	11057	Bank of America	August - Quick Books Online	27.50	291.34
Total 7106-00 · Telephone/Internet					291.34	291.34
7107-00 · Travel-transport/meals/lodging						
7107-01 · Car Allowance						
General Jo...	08/07/2023			Car Allowance Payroll #16 James	250.00	250.00
General Jo...	08/17/2023			Car Allowance Payroll #17 James	250.00	500.00
General Jo...	08/31/2023			Car Allowance Payroll #18 James	250.00	750.00
Total 7107-01 · Car Allowance					750.00	750.00
7107-00 · Travel-transport/meals/lodging - Other						
Deposit	08/02/2023	1099	Committee to Elect W...	Guest Meals (2) 7/19/23 Bd Mtg	-46.50	-46.50
Check	08/14/2023	11052	Kelly Nicholas	July & August Mileage Reimbursement (AmeriCorps Term End)	21.62	-24.88
Total 7107-00 · Travel-transport/meals/lodging - Other					-24.88	-24.88
Total 7107-00 · Travel-transport/meals/lodging					725.12	725.12
7111-00 · Office Equipment						
Check	08/14/2023	11049	Pacific Office Automati...	August - Konica Minolta BizHub C450i Lease Payment	178.27	178.27
Total 7111-00 · Office Equipment					178.27	178.27
7116-00 · Legal						
Check	08/14/2023	11048	King & Russo, Ltd.	Professional Services JULY 2023	2,000.00	2,000.00
Total 7116-00 · Legal					2,000.00	2,000.00
7120-00 · Integrated Watershed Programs						
7120-55 · NDEP WS COORD VI 2023						
Check	08/14/2023	11052	Kelly Nicholas	July & August Mileage Reimbursement (AmeriCorps Term End)	19.65	19.65
General Jo...	08/31/2023			August Copies	63.44	83.09
Total 7120-55 · NDEP WS COORD VI 2023					83.09	83.09
Total 7120-00 · Integrated Watershed Programs					83.09	83.09
7126-01 · NDEM 30-Year Drought Plan						
General Jo...	08/31/2023			August Copies	2.70	2.70
Total 7126-01 · NDEM 30-Year Drought Plan					2.70	2.70
7337-00 · Carson River Restoration						
7337-02 · Dayton Valley Conservation Dist						
7337-37 · DVCD Projects Inv. EXT 6/30/23						
Check	08/09/2023	11046	Dayton Valley Conserv...	4/1/2023-6/30/2023 Invoice #4 (FINAL BILL) FY22-23	15,501.00	15,501.00
Total 7337-37 · DVCD Projects Inv. EXT 6/30/23					15,501.00	15,501.00
7337-39 · DVCD Pardere Ricci EXT6/30/24						
Check	08/09/2023	11046	Dayton Valley Conserv...	10/1/2022-3/31/2023 Invoice #2 FY22-23	1,471.93	1,471.93
Check	08/09/2023	11046	Dayton Valley Conserv...	4/1/2023-6/30/2023 Invoice #3 FY22-23	1,108.34	2,580.27
Total 7337-39 · DVCD Pardere Ricci EXT6/30/24					2,580.27	2,580.27
Total 7337-02 · Dayton Valley Conservation Dist					18,081.27	18,081.27
Total 7337-00 · Carson River Restoration					18,081.27	18,081.27
7404-00 · Noxious Weeds Control-CR Wtrshd						
7404-04 · Noxious Weed Control-Lyon Co.						
Check	08/09/2023	11046	Dayton Valley Conserv...	Noxious Weed Abatement Program FY22-23	15,751.08	15,751.08
Total 7404-04 · Noxious Weed Control-Lyon Co.					15,751.08	15,751.08
Total 7404-00 · Noxious Weeds Control-CR Wtrshd					15,751.08	15,751.08
7406-04 · NDEP 208 Water Qual AG 2022-23						
General Jo...	08/31/2023			August Copies	0.48	0.48
Total 7406-04 · NDEP 208 Water Qual AG 2022-23					0.48	0.48
7441-00 · FEMA - MAS #12						
7441-02 · CC Southeast ADMP - KH						

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CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND
Transaction Detail by Account
August 2023

Type	Date	Num	Name	Memo	Paid Amount	Balance
Check	08/15/2023	11053	Kimley-Horn & Associa...	SECC ADMP -Svcs thru July 31, 2023	11,487.25	11,487.25
Total 7441-02 · CC Southeast ADMP - KH					11,487.25	11,487.25
7441-03 · VC 6-Mile Cyn ADMP-Lumos						
Check	08/14/2023	11050	Lumos & Assoc., Inc.	Virginia City/6-Mile Cyn ADMP Services 7/1/23-7/30/23	10,964.10	10,964.10
Total 7441-03 · VC 6-Mile Cyn ADMP-Lumos					10,964.10	10,964.10
7441-04 · Buckeye Creek -JEF						
Check	08/07/2023	11044	JE Fuller Hydrology & ...	Buckeye Creek - 7/1/23-7/31/23	4,704.60	4,704.60
Total 7441-04 · Buckeye Creek -JEF					4,704.60	4,704.60
7441-08 · FAW -2023						
Check	08/14/2023	11052	Kelly Nicholas	July & August Mileage Reimbursement (AmeriCorps Term End)	24.89	24.89
Total 7441-08 · FAW -2023					24.89	24.89
7441-00 · FEMA - MAS #12 - Other						
General Jo...	08/31/2023			August Copies	13.71	13.71
Total 7441-00 · FEMA - MAS #12 - Other					13.71	13.71
Total 7441-00 · FEMA - MAS #12					27,194.55	27,194.55
7442-00 · FEMA - COMS 1						
7442-01 · Stagecoach ADMP - JEF						
Check	08/07/2023	11044	JE Fuller Hydrology & ...	Stagecoach - 7/1/23-7/31/23	11,238.00	11,238.00
Total 7442-01 · Stagecoach ADMP - JEF					11,238.00	11,238.00
7442-02 · North Silver Springs ADMP - KH						
Check	08/15/2023	11053	Kimley-Horn & Associa...	N. Silver Springs ADMP -Svcs thru July 31, 2023	5,100.00	5,100.00
Total 7442-02 · North Silver Springs ADMP - KH					5,100.00	5,100.00
7442-00 · FEMA - COMS 1 - Other						
General Jo...	08/31/2023			August Copies	55.48	55.48
Total 7442-00 · FEMA - COMS 1 - Other					55.48	55.48
Total 7442-00 · FEMA - COMS 1					16,393.48	16,393.48
7610-00 · Douglas County Projects						
7610-19 · Pinenut Ck LOMR-FEMA Resp-HDR						
Check	08/14/2023	11051	HDR Engineering, Inc.	FEMA Response 7/1/23-7/29/23	1,300.00	1,300.00
Total 7610-19 · Pinenut Ck LOMR-FEMA Resp-HDR					1,300.00	1,300.00
Total 7610-00 · Douglas County Projects					1,300.00	1,300.00
7620-00 · Carson City Projects						
7620-18 · Clear Creek LOMR (FEMA Rsp)SCSI						
Check	08/21/2023	11055	Stantec	Clear Creek LOMR (FEMA Response)	5,945.00	5,945.00
Total 7620-18 · Clear Creek LOMR (FEMA Rsp)SCSI					5,945.00	5,945.00
Total 7620-00 · Carson City Projects					5,945.00	5,945.00
8009-00 · Trans. In-Floodplain Mgmt. Fd.						
General Jo...	08/10/2023			Churchill County PMR (HDR)	-2,532.58	-2,532.58
General Jo...	08/21/2023			Clear Creek LOMR (FEMA Response) Stantec	-5,945.00	-8,477.58
Total 8009-00 · Trans. In-Floodplain Mgmt. Fd.					-8,477.58	-8,477.58
8015-00 · Trans. In-Acq/Const. Fund						
General Jo...	08/08/2023			Lyon County HWY 50 ROW	-788.00	-788.00
Total 8015-00 · Trans. In-Acq/Const. Fund					-788.00	-788.00
TOTAL						

CWSD Petty Cash Transaction Record
August 2023

<u>Date</u>	<u>G/L No.</u>	<u>Description</u>	<u>Debits</u>	<u>Credits</u>	<u>Balance</u>
		Starting Balance			\$132.16
8/1/23	7103	Debbie Neddenriep	\$5.37		\$126.79
	Office Supplies	Bleach Spray Cleaner			
8/16/23	7107	Ed James	\$32.46		\$94.33
	Meals	8/16/23 Bd Mtg Meal - Drinks			
		PETTY CASH BALANCE			\$94.33

Date: 8/31/23 Prepared by: C Schambra

Approved by: Edwin James

:cat

AGENDA ITEM #9

CARSON WATER SUBCONSERVANCY DISTRICT

TO: Board of Directors

FROM: Edwin James

DATE: September 20, 2023

SUBJECT: Agenda Item #9 – For Possible Action: Approval of Addendum to Agreement #2023-13 – Shane Fryer (Post Employment Work) to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

DISCUSSION: CWSD needs to update our Agreement language with all our contracts that are federally funded. This addendum brings the agreement current to Code of Federal Regulations (CFR) as of August 1, 2023, and staff will be subscribed to revision notifications going forward.

Attached is the Addendum to Agreement #2023-13 with Shane Fryer for post-employment work. This addendum will not have any impact on the budget or schedule of the project.

STAFF RECOMMENDATION: Approve the Addendum to Agreement #2023-13 – Shane Fryer for post-employment work to update Section 7 to current Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 Contract Provisions for Non-Federal Entity Contracts Under Federal Awards.



Addendum to Agreement #2023-13 between Carson Water Subconservancy District and Shane Fryer

WHEREAS on June 21, 2023, CARSON WATER SUBCONSERVANCY DISTRICT (hereinafter referred to "CWSD") and Shane Fryer (hereinafter referred to "SF") entered into an Agreement (hereinafter "Agreement #2023-13") addressing funding from CWSD to SF to complete Post-Employment Work (hereafter "Project"); and

WHEREAS CWSD has determined *SECTION 7 – INDEPENDENT CONTRACTOR* of Agreement #2023-13 must be updated for compliance with the Code of Federal Regulations (CFR) Appendix II to Part 200, Title 2 (August 1, 2023)- Contract Provisions for Non-Federal Entity Contracts Under Federal Awards.

NOW, THEREFORE, IT IS AGREED:

1. **SECTION 7 – INDEPENDENT CONTRACTOR** of Agreement #2023-13 will be replaced with the following language effective immediately upon signing and subject to any additional amendments to CFR Appendix II to Part 200, Title 2 during the life of the agreement:

INDEPENDENT CONTRACTOR

SF acknowledges that it is furnishing the services contemplated by this Agreement hereto as an independent contractor, and not as an employee, or agent of CWSD or any of its affiliates.

As an Independent Contractor under Federal Award funding see CFR Part 200 Appendix II below:

**Code of Federal Regulations (CFR) [Appendix II to Part 200, Title 2](#) (August 1, 2023) —
Contract Provisions for Non-Federal Entity Contracts Under Federal Awards**

In addition to other provisions required by the Federal agency or non-Federal entity, all contracts made by the Non-Federal entity under the Federal award must contain provisions covering the following, as applicable.

- (A) Contracts for more than the simplified acquisition threshold, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by [41 U.S.C. 1908](#), must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.
- (B) All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity including the manner by which it will be affected and the basis for settlement.
- (C) Equal Employment Opportunity. Except as otherwise provided under [41 CFR Part 60](#), all contracts that meet the definition of "federally assisted construction contract" in [41 CFR Part 60–1.3](#) must include the equal opportunity clause provided under [41 CFR 60–1.4\(b\)](#), in accordance with Executive Order 11246, "Equal Employment Opportunity" ([30 FR 12319, 12935, 3 CFR Part, 1964–1965 Comp.](#), p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at [41 CFR part 60](#), "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

- (D) Davis-Bacon Act, as amended ([40 U.S.C. 3141–3148](#)). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act ([40 U.S.C. 3141–3144](#), and [3146–3148](#)) as supplemented by Department of Labor regulations ([29 CFR Part 5](#), “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act ([40 U.S.C. 3145](#)), as supplemented by Department of Labor regulations ([29 CFR Part 3](#), “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.
- (E) Contract Work Hours and Safety Standards Act ([40 U.S.C. 3701–3708](#)). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with [40 U.S.C. 3702](#) and [3704](#), as supplemented by Department of Labor regulations ([29 CFR Part 5](#)). Under [40 U.S.C. 3702](#) of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of [40 U.S.C. 3704](#) are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.
- (F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of “funding agreement” under [37 CFR § 401.2 \(a\)](#) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of [37 CFR Part 401](#), “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.
- (G) Clean Air Act ([42 U.S.C. 7401–7671q](#).) and the Federal Water Pollution Control Act ([33 U.S.C. 1251–1387](#)), as amended—Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act ([42 U.S.C. 7401–7671q](#)) and the Federal Water Pollution Control Act as amended ([33 U.S.C. 1251–1387](#)). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).
- (H) Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see [2 CFR 180.220](#)) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at [2 CFR 180](#) that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise

excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

- (I) Byrd Anti-Lobbying Amendment ([31 U.S.C. 1352](#))—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.
- (J) Procurement of recovered materials - A non-Federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at [40 CFR part 247](#) that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.
- (K) Prohibition on certain telecommunications and video surveillance services or equipment.
 - (a) Recipients and subrecipients are prohibited from obligating or expending loan or grant funds to:
 - (1) Procure or obtain;
 - (2) Extend or renew a contract to procure or obtain; or
 - (3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in [Public Law 115–232](#), section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
 - (i) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
 - (ii) Telecommunications or video surveillance services provided by such entities or using such equipment.
 - (iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.
 - (b) In implementing the prohibition under [Public Law 115–232](#), section 889, subsection (f), paragraph (1), heads of executive agencies administering loan, grant, or subsidy programs shall prioritize available funding and technical support to assist affected businesses, institutions and organizations as is reasonably necessary for those affected entities to transition from covered communications equipment and services, to procure replacement equipment and services, and to ensure that

communications service to users and customers is sustained.

(c) See [Public Law 115-232](#), section 889 for additional information.

(d) See also [§ 200.471](#).

(L) Domestic preferences for procurements –

(a) As appropriate and to the extent consistent with law, the non-Federal entity should, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all subawards including all contracts and purchase orders for work or products under this award.

(b) For purposes of this section:

(1) “Produced in the United States” means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

(2) “Manufactured products” means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

[78 FR 78608, Dec. 26, 2013, as amended at 79 FR 75888, Dec. 19, 2014; 85 FR 49577, Aug. 13, 2020:FEMA Contract Provision Guide June 2021]

2. All other terms of Agreement #2023-13 shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Addendum on the day and year written below.

Shane Fryer

CARSON WATER SUBCONSERVANCY DISTRICT

Shane Fryer, Contractor

Michael Workman, Chairperson

DATE: _____

DATE: _____

ADDENDUM TO AGREEMENT #2023-13 Shane Fryer
Post-Employment Work

AGENDA ITEM #10

CARSON WATER SUBCONSERVANCY DISTRICT

TO: Board of Directors

FROM: Edwin James

DATE: September 20, 2023

SUBJECT: Agenda Item #10 – For Possible Action: CWSD Comment Letter to Lahontan Regional Water Quality Control Board Region 6 on Draft West Fork Carson River Vision Plan

DISCUSSION: CWSD staff provided detailed comments on the *Draft West Fork Carson River Vision Plan* to the Lahontan Water Quality Control Board (LWQCB) Region 6 by the August 23 deadline. The Vision Plan “describes present and future actions that will be taken to restore and protect water quality in the West Fork Carson River (Draft WF Vision Plan 2023)” with the goal of delisting the Alpine County reaches.

The West Fork Carson is on the Clean Water Act 303(d) list of impaired waterways. The draft Vision Plan is an alternative plan to a Total Maximum Daily Load (TMDL) water quality plan normally required by the United States Environmental Protection Agency (USEPA) to address water quality impairments that exceed the standards. The plan also will be used to update the Carson River Watershed Adaptive Stewardship Plan (CRASP) for the West Fork in Alpine County. As you may recall, when the CRASP was updated in 2017, the USEPA approved the CRASP as a 9-Element Watershed-Based Plan for the Nevada portion of the watershed only. This draft Vision Plan is designed to meet the 9 key elements for Watershed-Based Plans in Alpine County, specifically for the West Fork Carson. Therefore, once approved by the USEPA, this plan allows California entities to apply for 319 grant funding for projects to address nonpoint source water pollution in Alpine County, CA along the WF and its tributaries.

The comment letter was not reviewed in advance by CWSD Board due to staff time constraints regarding the deadline. Therefore, CWSD staff are seeking post submittal formal approval of the comment letter from the Board. Use this link to review: [Draft WF Vision Plan](#). CWSD’s comment letter is attached.

STAFF RECOMMENDATION: Approve CWSD’s Draft West Fork Carson River Vision Plan comment letter to LWQCB Region 6 sent August 23, 2023, post submittal.



CARSON WATER SUBCONSERVANCY DISTRICT
777 E. William Street, #209, Carson City, NV 89701
775/887-7450
cwsd.org

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

August 23, 2023

Daniel McClure
Water Resource Control Engineer P.E.
California Regional Water Quality Control Board – Lahontan Region
South Lake Tahoe, CA

Dear Daniel,

The Carson Water Subconservancy District (CWSD) is submitting formal comments on the July 2023 Draft West Fork Carson River Vision Plan. This submittal is directly from CWSD staff familiar with the Plan. Due to timing considerations and the deadline for comments required by August 23, 2023, this letter has yet to be approved by our Board of Directors. However, at our August 16, 2023, Board meeting, the Directors were informed staff would be submitting a formal comment letter. CWSD staff will seek formal approval of the letter at our September 20, 2023, Board meeting.

Overall, CWSD staff is pleased with the direction of the plan and applauds Lahontan staff for all their efforts to bring this to fruition. As a stakeholder, CWSD is keen to continue to work with Lahontan staff and all the stakeholders to implement this plan. We appreciate the ability to comment during the public comment process. We realize these comments are very detailed in nature. We wish there had been the opportunity to see the draft prior to public comment, as many of these issues would have been easily resolved. Many of our comments relate to information that we feel is missing from the plan, or areas that may need additional explanation, clarification or reorganization. There are several typos, incorrect dates, missed acronyms, etc. that are easily corrected. To make this as easy as possible, CWSD staff provides our comments to the draft in a linear progression per page below. Critical questions and comments are highlighted in green:

Executive Summary:
Page 2: First Paragraph

Mention California....Alpine County, CA.

Page 3: Final Paragraph

Correction: Carson River ~~Water~~ Subconservancy District

Page 7: List of Acronyms needs to be updated and put in alphabetical order to include:

CALTRANS – California Department of Transportation

CAO-?

CDO-?

CEDEN –

FOHV – Friends of Hope Valley

FTS-?

MAA-?

NTU - Nephelometric Turbidity Units

ORV – Off Road Vehicle

RWQP – Ranch Water Quality Plan

STPUD – South Tahoe Public Utility District

SWAMP –

TMDL – Total Maximum Daily Load

UCCE – University of California Cooperative Extension

Page 12: Paragraph 1:

Figure 2 should be Figure 2-1. Include links to CRASP [2007](#), [2017](#)

Paragraph 3: Include Faith Valley and Hope Valley into list of dispersed camping areas. Is Paradise a mistake?

Pages 12-13:

May want to mention Pacific Crest Trail. More information on Lost Lakes: CWSD owns water rights, releases water for late season flows, Red Lake – Alternative site to Hennen for Fish Hatchery, owned by Cal Fish and Game. Any additional info on Scotts and Crater Lake water rights, etc.

Page 13 Final Paragraph:

Date Error: CWSD, 2006, 2015~~7~~

Page 14:

Consider including Friends of Hope Valley in this list more specifically. They are a critical partner that helped protect Hope Valley from development and have implemented many willow plantings along the West Fork over the past 20+ years.

Final Paragraph:

Add American Rivers. Add links to the list of stakeholders. Projects and suggested actions are also listed in CRASP 2017. Please link.

Page 16: Figure 2-2. Where is this referenced in the text? Please include an explanation relating to the lands that are in Alpine County and are under the jurisdiction of Lahontan, yet don't flow into the WF in CA, but do flow into the WF in NV. This area appears to be a no man's land regarding WQ planning coverage and will need to be addressed in the future between Lahontan and CWSD.

Page 17

Paragraph 3:

Op should be of
Basin Plan link takes you [here](#). [Perhaps this?](#)

Final Paragraph: Weblink takes you to a pdf of the webpage.

Page 18:

Table 3-3-1: Spell out NTU

Page 19:

Table 3-5 label acronym error WRFC should be WFCR.

Page 20:

Paragraph 2:

Remove 2nd magnitude. Also, add 'must' in last sentence....It also be noted....

Page 22:

Paragraph 2:

Question: Would fecal indicator bacteria be associated with other beneficial uses such as Water Contact Recreation and Agricultural Supply?

Page 24/25:

Table 4-3: Links to the plans would be beneficial here. Last plan, Alternative Restoration Plan...was completed in 2022, not 2002. (NDEP, 2002a, 2022)

Page 29/31:

Tables 4-5 and 4-6:

Please add a note to these tables stating something like 'for the purposes of this report, water quality data up to 2021 was used. Lahontan continues to collect WQ data beyond 2021'.

Page 38:

Question: Figure 4.6: When were the samples taken? Do seasonal water variations correlate with reductions?

Pages 41-44:

TDS appears to be higher in winter. Does this suggest deicing of roads is the main issue? Also appears higher in the upper watershed, what is accounting for the higher amounts in the upper watershed? Could a comparison of the Hope Valley to Woodfords to the Headwaters to Hope Valley during the same periods be helpful to determine if there are seasonal or hydrological events that would account for the exceedances?

Page 44: Paragraph 1:

Typo: Tables 4-16 and 4-17, not 4017.

Page 46:

Paragraph 2: Typo: Table 4-15 should be 4-18 right?

Page 47:

Question: Is there enough data collected to determine delisting of iron in the upper watershed? Only two years of data according to Table 4-18.

Page 57 – 58:

Section 5.5:

Comment:

Dispersed camping discussion needs to include the lack of usable sanitary dump stations. Hope Valley Campground removed their dump station? Why? Their camp host has a sewer hookup, but the public dump station no longer exists. Not sure if it was a holding tank that needed to be pumped. This being no longer available may be a contributing factor. Additionally, in the implementation section it is important to let campers know where a sanitary dump station is located and the issues with dumping black and grey water on water quality.

Page 58:

Paragraph 5: ~~Blue~~, insert **Lost**

Comment: Either here, or more likely in the Background section, more discussion of Lost Lakes, the Dams, CWSD water rights, late season flow release, and the beaver dam analogs (BDAs) in Faith Valley would add value to the plan.

Page 59:

Section 5.7:

Comment: Climate, Wildfire, Invasive Species and Stormwater all deserve their own sections in this plan. Given all the work that is currently being undertaken by the Forest Health Community Working Group, this section appears to be very limited in scope. Additional information should be added to address these “other factors”. Partner stakeholders can help fill in additional information if desired.

Page 61 - 64:

Table 6-1:

Comment: Table needs headers to go from page to page. Also, Page 63 Potential Sources should be spread out to be consistent with the rest of the table.

Questions:

Are tributaries such as Red Lake Creek included in each segment and be subject to these management measures?

There are several in-holdings located in these areas. Are there concerns or information regarding management measures in relation to these private properties?

Are there other sources to consider such as sediment transport during spring runoff?

Could Conservation Easements for floodplain protection be added as a management measure in relevant sections where there is private property in the floodplain or adjacent to the WF?

In the performance indicators, miles of channel restored seems a large scale. Could linear feet be considered which would be consistent with the CRASP?

Could some of these management measures here be SMART goals? Specific, measurable, achievable, relevant, and time-bound?

Can off channel stock watering as a management measure and performance indicator be added?

Can weed/invasive species management/planning be added as a measure and performance indicator?

Page 66:

Table 6-3:

Comments:

Add Watershed-Literacy Programs as Alpine County residents were surveyed and have been a part of this campaign planning and implementation. Specifically it seems important to include: [Watershed-Literacy Survey of Carson River Watershed Residents](#) 2015. This study was conducted for the Carson

Water Subconservancy District (CWSD) to determine Carson River Watershed residents' knowledge of and attitudes toward watershed health, knowledge of basic watershed concepts, and activities or behaviors that may impact the watershed's environment. The study entailed a telephone survey of residents of the Carson River Watershed area in Nevada and Alpine County, CA, ages 18 and older. The CRC and CWSD plan to resurvey watershed residents, including Alpine County in 2024. This will be compared to information collected from a resident survey conducted in 2015. See Page 67 comments.

Marketing and Communications Plan for the CRW 2016. This marketing and communications plan is a survey analysis and planning strategy used by the CRC and CWSD to inform the campaigns and develop more effective outreach.

Watershed-Literacy Action Plan 2015. The WLAP provides an action framework to achieve the Carson River Coalition's Education Working Group (EWG) vision by moving our target audiences along the change continuum from awareness to action with the goal of obtaining actual environmental benefits including water quality improvements in the long-term. This plan will be updated based on 2024 survey results.

Also, the Low Impact Development (LID) in the Carson River Watershed white paper 2015, provides recommendations on implementing LID projects in the watershed.

Page 67-68:

Table 6.3:

Comments:

Add BDAs into Faith Valley project. Ask American Rivers, Julie Fair, for specifics on Budget and funding sources. Perhaps spell out the multiple locations projects that are happening throughout the watershed. Add CWSD to funding source for Geomorphologic Model and Prioritization Plan and Ag project. Retitle the last project Soil Health/Regenerative Agriculture Project: includes Agricultural Producers Working Group, Ag BMP Whitepaper, Case Studies. Also add Clean Water Act (CWA) 319(h) instead of just 319. Add CWSD's Watershed-Literacy "I Am Carson River Watershed" Watershed Moments campaign. CWSD and the CRC are currently revising 6 films to fit into the 30 second Public Service Announcements (PSAs). Each film discusses key NPS issues and asks residents to take actions to limit their impacts on WQ and reduce NPS pollution. The six, maybe seven, films will be Recreate Responsibly, Bag It, Use a Car Wash, Recycle Your Motor Oil, Pitch In, Make Your Yard a Sponge, and possibly Curb Your Chemical Use. Although there is limited development in the WF, these NPS issues are still a concern and could resonate with residents and visitors alike.

Page 68:

Comments:

Add CWSD and CWA Section 319(h)NDEP to funding sources for the CRW Outreach. These are broad watershed-wide outreach campaigns providing people with actions to limit the impacts of NPS pollution as described above.

Pages 69-70:

Table 6-4

Comments:

Some of the proposed projects in the CRASP are not included here. Perhaps either include or reference the CRASP here.

Add Watershed Signage – CWSD, AWG, Caltrans, Alpine Cty.

Add Aspen Restoration/fuel reduction?

Add Creek Day

Add Invasive Species reduction/eradication along WF? El Dorado Cty is contracted by Alpine to do their weed removal, AWG, CWSD helps fund efforts...

Faith Valley Projects?

Page 71-73:

Comments:

This section appears to need an action timeline or reference the one in Section 10.

Funding matrix with dates, amounts, eligibility requirements? Or in Section 6.3?

The funding email list and letters of support are a positive step.

What kind of Education/Outreach is Lahontan planning to do and what partners do you plan to coordinate with? CWSD, AWG, FOHV, Alpine Cty., USFWS, Cal Fish and Wildlife, USFS -HTNF, Washoe Tribe of Nevada and California?

Page 74-75:

Table 6-5:

Questions/Comments:

Is Lahontan an assumed partner on all of these projects? Lahontan should be added to the lists.

Add NRCS to Historical Impacts category.

Potentially add Federal Hwy. Administration (FHA) as partner under Roads and Maintenance. Do they have any grants?

Add Education/Outreach to Camping and recreational use with additional partners being HTNF, USFWS, FOHV, American Rivers (road restoration to limit NPS in Faith Valley) and Alpine County.

Add Placement of a Sanitary Waste Dump site in WF or adjacent area as a tool to limit sources in dispersed camping areas. Funding through RAC, CWA 319(h)???

Should the Rural Development folks be included as partners under Camping and Rec (potential for sanitary dump station placement) and the OWTS category for funding, etc.? ~~Wilder~~ is **Wylder**.

The final category deserves more information and specificity. Noxious weed laws are regulatory tools/means. CWSD should be listed as a grantor and partner organization. AWG, American Rivers, Alpine County and FOHV should be listed as partners.

Add Caltrans in relation to future project for Education and Outreach: Watershed Signage.

Page 76 Section 6.3:

Comments:

Add CWSD as funding source for AWG, Invasive Species management, Geomorphological Study and Prioritization Plan, floodplain management and general NPS outreach efforts.

Page 76 Section 6.4:

Not sure if the discussion on Lost Lakes should be here or in the Background section. Additional background on the Lost Lakes Dam, water releases, water rights, dam safety fees, PCT, and other specifics relating to the WF source. Beavers and their impacts both positive and negative, finding the balance, should be discussed. Tribal use of the land in the WF has not been discussed.

Page 78 Section 6.4.1

Comment:

Is this the location to discuss the American Rivers Meadow Assessment as background to the series of projects?

Page 80:

Comments:

Would it be helpful to address some of the things that didn't work and the problem solving that needed to occur post high water in 2017?

Page 81 First line:

Typo: Floodplain is one word.

Page 82:

Comments:

Potentially add to American River's Faith Valley project description that CWSD is also a partner due to our water rights at Lost Lakes. The project also requires monitoring the Beaver Dams and BDAs when CWSD does its late season water release to ensure the water right is not impacted.

Change Markleeville Creek Day to just Creek Day. Often volunteers are sent to various work sites on both the East and West Forks. AWG could add examples of past projects to the plan. There have been head cut BMPS completed in Hope Valley and willow plantings.

Please identify the contact link for FOHV and the approximate time for their workday.

Page 83-85 Section 6.5:

Comment/Question:

Not sure if should be in Roads but noticed that trails are not discussed including the Pacific Crest Trail anywhere in relation to them possibly being a source of NPS pollution. Do trails warrant discussion?

Please add a GIS map with the different levels of roads or a link to such a map.

Page 85 Section 6.5.1:

Comment/Questions:

Is there a map or planning document relating to the 2023 Caltrans culvert study and next steps? HTNF is a large area with a small staff and likely a small budget. What percentage of the road maintenance budget is expended in the WF Carson annually, and are expenditures on a maintenance schedule, or are they complaint driven? This could impact when WQ work could realistically be completed. Is there an MOU or other agreement between Lahontan and HTNF – USFS?

Can a map be created of the road improvements to be undertaken for fire protection in the WF area?

Page 86-88 Section 6.5.2:

Comments/Questions:

Perhaps referencing Section 10 would be good in the sections where Lahontan is proposing to act with stakeholders annually.

Does the Caltrans NEAT study have maps, and how many of the study recommendations have been implemented in the WF?

Does Lahontan plan to commission the \$10,000 study of HTNF dirt roads and ORV trails or will this be HTNF or other grant funding?

Does Lahontan plan to produce a more detailed plan of action to work with each stakeholder?

Page 88 Paragraph 1:

Typo: ~~Schools~~ to **Schools**

Could Watershed Signage be an added outreach project?

Page 88 Section 6.6:

Comments/Questions:

CWSD is not familiar with Alpine County's LAMP, so do new owners of properties with existing septic systems get notified and provided educational materials from the County and Lahontan?

Page 90-91 Section 6.7.1:

Questions/Comments:

Is there any hay or crop production in the WFCR that requires chemical use that warrants discussion?

Another program that may be worth noting is the NRCS's National Water Quality Initiative. This program may be worth pursuing as it can provide additional funding for projects in specific areas (mainly to private property areas through additional EQIP funding). The Carson Valley Vision Plan is also a new NWQI area that receives special funding annually through NRCS and could be a good example of how to go about receiving this funding.

Page 91-92 Section 6.7.2:

Comments/Questions: Is there a link to the RWQPs program and has Lahontan coordinated with NRCS and UCCE to date? How will ranchers obtain funding to accomplish their RWQPs by October 2025? Is this supported by NRCS and Lahontan? NRCS often has landowner privacy concerns and consideration when asking to share data associated with such endeavors. There may be constraints on how these actions are taken and tracked, which may impact actions and deadlines. Has Lahontan discussed their requests with STPUD to ensure they know what is being asked of them?

Page 93-94 Section 6.8:

Comments/Questions:

The need for a sanitary dump station and discussion on possible location and funding source should also be added to this section. Outreach regarding why dumping of black and grey water is impactful to the water quality, and mapped links and fees associated with sanitary dump stations nearest to each dispersed camping location should also be considered as a future project/action. It may be worth Lahontan first pursuing the reinstallation of the sanitary dump station at Indian Creek Reservoir with BLM that was lost in the Tamarack Fire.

Page 94- 95 Section 6.9:

Comments/Questions: Discussion on Lost Lakes late season releases. The potential for future water rights purchases to provide instream flows to protect habitat and water quality has not been considered. Perhaps a place holder for future additions/revisions?

Section 6.10:

Comment: This Section deserves more details and projects/actions.

Actions should be added to the Table relating to Climate Change, Wildfire restoration, Invasive Species reduction, Stormwater and Floodplain Management. Continuing to provide Agricultural and Open Space land uses in the floodplain and protecting these areas from future development is a main message of the CRC and benefits water quality, habitat, flood attenuation and groundwater recharge.

Page 97 Table 6-6:

Comment: It may be better to rephrase the Grazing Key Educational Topic to a more positive, motivational phrase, over a regulatory approach. For instance, stating how soil health, off channel stock watering, reduction of river access, etc. can improve land health, cattle health and water quality. All the educational messages could have a more positive bend.

Page 98 Section 7:

Paragraph 5, last sentence:

Add ...viewer and partner portal, currently being developed by CWSD.

Page 100 Table 8-1:

Consider adding American Rivers Faith Valley Monitoring to the table.

Page 101:

Paragraph 2:

Comment/Question:

What type of funding would be available for WQ sampling to help pay the \$300 per sample?

Page 102:

Paragraph 2:

Question: In relation to the proposed additions for flow monitoring and additional gauges, would Lahontan be including this in their budget or does a funding source need to be identified?

Page 103:

Paragraph 1:

Comment:

CWSD foresees on-going fees to run, manage and maintain the web access viewer, partner portal and queryable database system. ESRI GIS fees and staff funding to manage the QAQC of partner data, and upkeep of the system. We are hoping this system will become the CRASP tracking and monitoring hub and we welcome additional funding from Lahontan to share this critical tracking/monitoring/mapping resource.

Pages 104-106 Table 10-1

Comments/Additions to the table:

Add CWSD to the Implementing Party for the WFCR Geomorphological Study.

Add UCCE and NRCS to the Development of RWQPs.

Add the placement of a sanitary dump station and educational program as actions into the timeline.

Add Lahontan as a coordinating body to work with other stakeholders to implement the WF Vision Plan and include the methods to undertake this action.

Appendices: The appendices could be referenced more throughout the document and added to the action plans more specifically. There should be an Appendix for OWTS, Wildfire Restoration, Climate Change, Invasive Species, LID and Floodplain Management. Perhaps placeholders, referencing other documents, or beginning attempts can be included and be added to during subsequent document revisions. CWSD will be updating its Watershed-Literacy Action Plan in the next couple of years. We plan to work with Alpine County stakeholders to ensure actions addressing outreach and education needs discussed in this plan are included.

Appendix A:

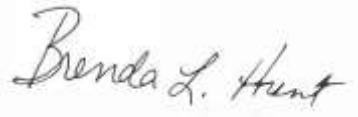
Comments:

The plan may want to include a more in-depth discussion, or reference American Rivers Meadow study and their use of BMP including BDAs (reduce sediment/turbidity, aggrade streams to reduce incision, etc.). Perhaps there is a better way to present Appendix A as a matrix so one could garner the most

effective measure per source? Maybe in a future version?

CWSD hopes these comments and questions will add value to the final West Fork Carson River Vision Plan. Thank you for the opportunity to comment. If there are any questions, please contact me brenda@cwsd.org or call 775.887.9005.

Sincerely,

A handwritten signature in cursive script that reads "Brenda L. Hunt". The signature is written in dark ink on a light-colored background.

Brenda Hunt
CWSD Watershed Program Manager

AGENDA ITEM #11

CARSON WATER SUBCONSERVANCY DISTRICT

TO: Board of Directors

FROM: Edwin James

DATE: September 20, 2023

SUBJECT: Agenda Item #11 – For Discussion Only: Presentation on 25 Years of the Carson River Coalition

DISCUSSION: John Cobourn will give a presentation on the 25-year history of the Carson River Coalition.

STAFF RECOMMENDATION: Receive and file.

AGENDA ITEM #12

CARSON WATER SUBCONSERVANCY DISTRICT

TO: Board of Directors

FROM: Edwin James

DATE: September 20, 2023

SUBJECT: Agenda Item #12 – For Discussion Only: Presentation on the Construction and Upgrades to the Marlette Water System

DISCUSSION: A presentation will be given regarding the upgrades and construction to the Marlette dam and intake.

STAFF RECOMMENDATION: Receive and file.

AGENDA ITEM #13

CARSON WATER SUBCONSERVANCY DISTRICT

TO: Board of Directors

FROM: Edwin James

DATE: September 20, 2023

SUBJECT: Agenda Item #13 – For Possible Action: Presentation on the streambank damage along the Carson River

DISCUSSION: On August 31, 2023, twenty plus people met at River Fork Ranch to tour stream bank damage that occurred upstream of Lahontan Reservoir. The group stopped at three locations in Douglas County and one stop in Lyon County. The group was also given photos of other places that we were not able to see but sustained damage. Staff will show pictures of damage that occurred along the Carson River during the water year runoff.

STAFF RECOMMENDATION: Receive and file.

STAFF REPORTS

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: September 20, 2023

SUBJECT: Agenda Item #14 - For Information Only: Staff Report

DISCUSSION: The following is a list of meetings/activities attended by Ed James and staff since the last Board meeting on August 16, 2023:

- 8/17/23 - Ed met with Lyndsey Boyer, Carson City Open Space Manager at Carson River Park to view bank erosion site
- 8/17/23 - Debbie attended the Association of State Floodplain Managers (ASFPM) Arid Regions Policy Committee meeting
- 8/18/23 - Ed met with Rich Wilkinson, Carson Valley Conservation District (CVCD) to view bank erosion sites
- 8/21/23 - Ed & Brenda met with Alpine Watershed Group (AWG) re: West Fork Vision Plan comments
- 8/22/23 - Ed met with Division of Conservation & Natural Resources (DCNR) re: Diversions
- 8/22/23 - Ed met with Rob Holley, Dayton Valley Conservation District (DVCD) to view bank erosion sites
- 8/23/23 - Ed, Brenda, Debbie, Max & Catrina hosted CRC Education Working Group (EWG) meeting
- 8/23/23 - Ed & Max met with State Parks re: Mexican Dam Portage grant
- 8/23/23 - Ed attended United States Army Corps of Engineers (USACE) Webinar, Recovery: Flood After Fire Resources from Forest Service
- 8/23/23 - Ed, Debbie, & Max hosted Alpine County Flood Awareness Week (FAW) Planning meeting for 10/24/23 Event
- 8/24/23 - Ed met with J-U-B re: Pinenut Creek Basin Study
- 8/25/23 - Brenda attended Carson River Trail III Public Meeting
- 8/25/23 - Brenda & Shane met with NCE re: Web Access Viewer
- 8/25/23 - Max demonstrated Floodplain Model at Cantaloupe Festival in Churchill County
- 8/26/23 - Debbie demonstrated Floodplain Model at Cantaloupe Festival in Churchill County
- 8/28/23 - Ed & Debbie met with Kimley-Horn regarding future projects
- 8/28/23 - Debbie attended Arizona Floodplain Management Association (AFMA) meeting re: implementing Green Stormwater Infrastructure/Low Impact Development (GSI/LID)
- 8/29/23 - Ed & Debbie attended Southeast Carson City ADMP Outreach meeting
- 8/30/23 - Debbie attended California Statewide Groundwater Elevation Monitoring (CASGEM)

Program Overview & New Online System Webinar

- 8/30/23 - Brenda, Debbie Max & Catrina hosted Carson River Watershed Floodplain Management Plan Kick Off Meeting
- 8/30/23 - Ed attended FEMA Region 9 Quarterly Cooperative Technical Partners (CTP) Meeting
- 8/31/23 - Ed & Brenda led Carson River Damage Tour
- 8/31/23 - Brenda attended WaterSmart Cooperative Watershed Management Grant Webinar
- 9/5/23 - Ed, Brenda & Max hosted Mexican Dam Portage Kickoff meeting
- 9/5/23 – Debbie attended Floodplain Mangers Association (FMA) Conference in Los Angeles
- 9/6/23 – Debbie attended FMA Conference in Los Angeles
- 9/6/23 - Ed met with Lyon County staff re: Rolling A floodplain
- 9/6/23 - Ed attended the DWR discussion re: Humboldt River
- 9/6/23 - Ed, Max & Brenda hosted CWSD Noxious Weed Abatement Program meeting
- 9/7/23 – Debbie attended FMA Conference in Los Angeles
- 9/7/23 - Debbie, Courtney Walker & Karin Peternal gave presentation re: Working Together to Overcome Floodplain Management Challenges at FMA Conference
- 9/8/23 – Debbie attended FMA Conference in Los Angeles
- 9/12/23 - Debbie & Max attended Nevada Division of Emergency Management (NDEM) Workshop re: FEMA Benefit/Cost Analysis
- 9/13/23 - Brenda gave a presentation on the bus during Water Foundation Easter Sierra Tour
- 9/19/23 - Ed & Brenda met with California Department of Fish and Wildlife (CDFW) to discuss Lost Lakes Water Rights

STAFF RECOMMENDATION: Receive and file.

CORRESPONDENCE



**Thank you for participating in
National Night Out & Sheriff's Night Out 2023**

Carson Water Subconservancy District,

The Storey County Sheriff's Office would like to thank you for your participation in our National Night Out and Sheriff's Night Out events. It was an honor to have you in attendance. I understand you have many obligations and I appreciate you taking time out of your busy schedule to join us. I hope you found the events to be fun, engaging, and beneficial.

Positive activities and engagements with our Storey County communities make a difference. We have received numerous compliments regarding the events and the organizations that were in attendance. I sincerely appreciate your efforts. Once again, thank you for your time. I hope you are able and interested in continuing to support these kind of events in the future.

Sincerely,

A handwritten signature in black ink, appearing to be "Michael S. Cullen", is written below the word "Sincerely,".

Sheriff Michael S. Cullen



United States Department of the Interior

BUREAU OF RECLAMATION
Lahontan Basin Area Office
705 North Plaza Street, Room 320
Carson City, NV 89701-4015



IN REPLY REFER TO:

Aug 28, 2023

LO-130
2.2.4.21

Mr. Ed James
General Manager
Carson Water Subconservancy District
777 E. William Street, Suite 209
Carson City, Nevada 89701

Subject: Available Hydrologic Information for the Carson River

Dear Mr. James:

This letter is in response to your emails this past spring requesting available information for use in updating flood hazard information in Churchill County. Specifically, the request addresses the Emergency Action Plan for Bureau of Reclamation (Reclamation) facilities, flow measurements of diversions, and data on gate openings and operations of federal project facilities downstream of Lahontan Dam in Churchill County, Nevada. The request identifies the potential that newer operational procedures for facilities downstream of Lahontan Dam, part of the Newlands Project owned by Reclamation and operated by our contractor the Truckee-Carson Irrigation District (TCID), may have changed the flooding potential downstream of Lahontan Dam. We apologize for the delay in our response; our office has been deeply involved in flood operations in the Newlands Project this year.

Please reference the enclosed letters that were sent from our office to Eric Simmons on August 15, 2008, and John Eldridge, on May 16, 2003, both with the Federal Emergency Management Agency (FEMA). The letters address operations and management of flood frequency flows downstream of Lahontan Dam.

Based on the information in the enclosed letters and reports, our agency has previously established a potential one percent annual (100-year) flood discharge from Lahontan Dam in the range of 7,317 to 7,714 cubic feet per second (cfs), which exceeds the 3,328 cfs discharge described in your email of July 7, 2023, and a previous 100-year flow of 4,300 cfs used by FEMA for current flood hazard mapping.

The current range of controlled releases from Lahontan Dam consider the downstream facility capabilities for the T-Line and V-Line Canals and the Carson River during normal and flood operations. The objective is to not impact the downstream community and maximize storage. This spring a new wasteway weir and enhancements to the V-Line Canal were completed that provide for an increased range of controlled releases from Lahontan Dam up to 3,500 cfs. Releases (normal and flood) are dependent on the reservoir elevation, expected runoff, and watershed conditions that require mobilization and execution by TCID staff to prepare and operate the conveyance facilities accordingly.

The conveyance of flow through the respective gates and openings of the facilities that include Carson Diversion Dam, T-Line and V-Line Canals in your email of July 6, 2023, are set by TCID daily to meet the demands and designated releases during normal and flood operations.

Subject: Available Hydrologic Information for the Carson River

During flood operations, TCID must prepare the V-Line Canal headworks to accept high flows by removing the gates (up to three) prior to increasing flows above 960 cfs (three gates fully open). The T-Line Canal is currently limited to approximately 185 cfs (two gates fully open) with the remainder of the flows released downstream of Carson Diversion Dam into the Carson River. The daily flows released into the Carson River vary and are dependent upon the total releases and the combined capacity at that point in time of the two canals. The 2023 embankment work and the new and existing lateral weirs on the V-Line canal provide for a maximum flow of 2,400 cfs within the V-Line Canal when controlled releases from Lahontan Dam are at an approximate maximum of 3,500 cfs.

Flows released into the Carson River at a rate of 1,000 cfs or higher may occur during flood operations if a canal or downstream facility has an event limiting its conveyance capacity. There may also be an increased flow into the Carson River to lessen the likelihood of a spill or uncontrolled release of water from Lahontan Dam based on Reclamation Safety of Dams guidance. This type of event would be a coordinated effort with the downstream community and TCID to assist in mitigating flood events below Lahontan Dam. These activities described and implemented in 2023 have increased the range of controlled releases and with emergency operations can be useful in mitigating the impacts due to flooding by potentially providing advanced warning. However, they do not necessarily ensure that there will be any change in the area inundated by a 100-year flood event.

Further, the ability to mitigate flooding or flood impacts is limited by a wide variety of potentially variable factors, including, but not limited to, the availability and accuracy of the weather and stream flow forecast data available at the time of an extreme flood, as well as the availability of trained staff during an extreme flood event. It would not seem prudent to base changes in potential flood hazards on these operative ranges and predictive tools given the potential for variability in their use at a time when extreme weather may be affecting their input data and the staff required to operate them.

In summary, our office does not believe that changes and improvements to operating procedures and predictive tools have resulted in a reduction in potential flood flows below Lahontan Reservoir. However, we would agree that FEMA's peak discharge estimates from Lahontan Dam may need to be revised based on updated estimates of the 100-year inflow event to Lahontan Reservoir, particularly because there appears to be a disparity between the 100-year release estimate cited by FEMA as compared to that computed by Reclamation.

Please contact Mr. Rob Martinez at (775) 884-8394 or rkmartinez@usbr.gov should you have any questions or wish to discuss this matter further. If you are deaf, hard of hearing or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

Sincerely,

ROGER WORSLEY Digitally signed by ROGER WORSLEY
Date: 2023.08.28 12:08:37 -07'00'

Jack Worsley
Area Manager

Enclosures - 2

cc: See next page.

Subject: Available Hydrologic Information for the Carson River

cc: Mr. Eric Simmons
Engineer
FEMA Region IX
1111 Broadway, Suite 1200
Oakland, California 94607-4052

Benjamin D. Shawcroft, Esq.
General Manager/District Counsel
Truckee-Carson Irrigation District
P.O. Box 1356
Fallon, Nevada 89407-1356

Mr. Jim Barbee
Churchill County Manager
155 N. Taylor Street, Suite 153
Fallon, Nevada 89406



Federal Emergency Management Agency

Region IX
1111 Broadway Suite 1200
Oakland, California 94607-4052

APR 15 2003

Elizabeth A. Rieke
Area Manager
Bureau of Reclamation
Lahontan Basin Area Office
705 North Plaza Street
Room 320
Carson City NV 89702

Dear Ms. Rieke,

I am writing to ask your assistance in helping the Federal Emergency Management Agency (FEMA) and the City of Fallon determine if there is a need to revise their Flood Insurance Rate Maps based on the current or revised operating plan of Lahontan Dam.

The National Flood Insurance Program (NFIP) published a Flood Insurance Study (FIS) for the City of Fallon, NV on January 6, 1999. Flooding problems in Fallon were determined to be due to the overflow of the Carson River, which is regulated in that area by Lahontan Dam. In the mid to late 1990's when this flood study was being developed, our Study Contractor, the U. S. Geological Survey (USGS) consulted with U. S. Bureau of Reclamation (USBR) personnel to determine the discharge from Lahontan Dam during the 1% event, and estimated the flow rate for the Carson River at Highway 50, and the subsequent overflows to the New River Drain.

We have received a request from the Emergency Management Director for the City of Fallon to revise the Flood Insurance Study "due to new water storage and management policies for Lahontan Reservoir." Please refer to the enclosed copy of his letter to the Nevada Division of Water Resources detailing his thoughts:

In order to determine if there has been a change in the flood control storage and operating policies for Lahontan Reservoir during the 1% flood event, I would appreciate it if you would provide us with the following information:

1. Based on your current operating procedures, what are outflows for Lahontan Dam that can be reasonably expected during the "100 year" event (1% probability).
2. Can you submit to FEMA the models and computations used to determine the 1% outflows from Lahontan Dam?

3. Do you have an operations manual or operating rule curves that documents that a given storage capacity will be maintained at the Dam in order that the outflows stated in question 1 will not be exceeded during the 1% event? If yes, can you provide us with these documents?
4. Can you describe to us, in a brief paragraph, your operation during a hypothetical 100year flood? By operation, we are seeking information in regards to flows expected through the outlet works, spillway, reservoir pool elevation, and reserved flood control storage in the project, etc.
5. Is the Dam operated strictly for irrigation or is there dedicated flood control storage?
6. To the best of your knowledge has there been an appreciable change in the channel cross sections from the Dam to Hwy 50 from the late 90s to the present. We are seeking information to determine if channel capacity has increased or decreased since the last FIS.
7. Does the USBR have any new cross section or topographic information on the reach between the Dam and Hwy 50? If so, can that information be shared with FEMA and the City?
8. Is there still an agreement that releases from the Dam will be limited to channel capacity at the Hwy 50 bridge. Is there any documentation for this agreement?

When we receive your information we will be able to determine if there has been enough of a change in the 100year flows to warrant a revision to the Flood Insurance Study.

The NFIP flood studies and resulting Flood Insurance Rate Maps are intended to show the flood hazard in the areas that have been studied and they have an impact on both development and insurance requirements in those communities.

Your assistance in providing this information will be greatly appreciated.

[illegible]

Sincerely,

John W. Eldridge Jr.

John W. Eldridge, Jr.
Community Mitigation
Program Branch Chief

DATE: 11/11/11

TIME: 11:11

City of Fallon

55 West Williams Avenue

Fallon, Nevada 89406

Steven M. Endacott

Emergency Management Director

775-423-5107

Fax 775-423-8874

sendacott@sci-nevada.com

Cell: 775-427-5356

Ms. Kim Groenewold
Nevada Division of Water Resources
Carson City, Nevada

May 19, 2002

Dear Ms. Groenewold:

On behalf of the City of Fallon, I request that the City Flood Insurance Rate Map (FIRM) panel number 320002-001A, be included in any upcoming FEMA map modernization initiative. The specific tasks requested fall within the FEMA goals of flood study update and map digitization.

Background: The scenario in which the City of Fallon would be flooded is dependent upon a water flow in the Carson River, below Lahontan Dam, of approximately 3,300 cubic feet per second (cfs). At flow rates in excess of 3,300 cfs, water will back up at the highway 50 bridge and would theoretically cause "nuisance flooding" of approximately one third of the city.

Justification: The circumstances that would lead to this scenario have been significantly altered over the past eight years, primarily due to new water storage and management policies for Lahontan Reservoir. Therefore, the city has reservations as to whether one third of Fallon should continue to be in A-zone. Specific reasons for these reservations include:

- There is more flood storage in Lahontan Reservoir now than when the FIRM flood study was conducted. This additional storage has become available due to two developments:
 - 1) The reservoir Operating Criteria and Procedures (OCAP) have been modified. Specifically, the amount of irrigation water storage authorized in Lahontan Reservoir has been decreased.
 - 2) The Bureau of Reclamation (BOR) has authorized the installation of "Flash Boards" on the rim of the dam. These boards provide an additional 23,900

cubic acre-feet of flood storage for the reservoir. These boards have been utilized in this flood control capacity for three heavy water years (including the Flood of 97) and have functioned flawlessly.

- The City of Fallon, BOR, Truckee Carson Irrigation District and Churchill County have put in place a Lahontan Dam Emergency Action Plan (EAP) that provides specific criteria and actions to ensure that there is no flooding in the city and minimal flooding within the county.
- The City of Fallon is located near the very end of the Carson River. The Army Corp of Engineers suggested to the City that the US Weather Service has significantly improved forecasting method, and that this should be taken into account when developing a new 100-year flood event scenario.
- During the 1997 100-year flood event, the Carson River was controlled by Lahontan Dam and never exceeded 1,200 cfs.

The City of Fallon whole heartily welcomes this unique opportunity to develop FEMA FIRM maps that accurately depict flood risks to the citizens of Nevada. Our premise is that, as water has been increasingly diverted to up stream uses, the risk to down stream residences has significantly dropped. The affected population in the City of Fallon is primarily low to middle income Americans. They should not be financially burdened with the most expensive flood insurance rate in the nation if the risk no longer exists.

We do not envision that a new detailed survey of the affected city area will be required, only a reevaluation of the 100 year scenario for the Carson River below Lahontan Dam. As the scope is therefore limited, we do not envision that the cost would be significant. The City is willing to provide whatever in-kind support is appropriate to complete this study.

Sincerely,

Steve Endacott

**United States Department of the Interior**

BUREAU OF RECLAMATION
Lahontan Basin Area Office
705 N. Plaza Street, Rm 320
Carson City, NV 89701

IN REPLY REFER TO:

August 15, 2008

LO-900
PRJ-13.00

Mr. Eric Simmons
Engineer
FEMA Region IX
1111 Broadway, Suite 1200
Oakland, California 94607-4052

Subject: Available Hydrologic Information for the Carson River

Dear Mr. Simmons:

This letter is in response to your letter dated February 4, 2008 (Enclosure 1), requesting available information for use in updating flood hazard information in Churchill County. Specifically, the letter addresses flood hazards in the New River Drain area in the City of Fallon, Nevada. Your request identifies the potential that newer operational procedures for Lahontan Dam and/or predictive capabilities employed by the Bureau of Reclamation (Reclamation) may have changed the flooding potential downstream from Lahontan Dam. We apologize for the delay in our response; our office has been deeply involved in issues surrounding the canal breaches in the Newlands Project this year.

In response to your request, please see the enclosed letter that was sent from our office to John Eldridge of your agency on May 16, 2003 (Enclosure 2). The May 16, 2003 letter to Mr. Eldridge addresses a similar request that was sent to our office on April 15, 2003 (Enclosure 3). Also enclosed are copies of technical reports prepared by our agency that served as enclosures to our May 16, 2003 letter (Enclosures 4 and 5).

Based on the information in the enclosed letter and reports, our agency has previously established a potential 1 percent annual (100 year) flood discharge from Lahontan Dam in the range of 7,317 to 7,714 cubic feet per second (cfs), which exceeds the 4,300 cfs discharge used by the Federal Emergency Management Agency (FEMA) for current hazard mapping as stated in your letter. This range of discharges takes into account current operating procedures as outlined in Enclosure 2, which have not changed since 2003, and is based on a peak flood flow entering the reservoir of 14,075 cfs. It should be noted one portion of the May 16, 2003 letter which has changed is the current estimate of Lahontan Reservoir storage capacity. Revised capacities of 289,721 acre-feet at the crest of the spillway and 312,984 acre-feet at the top of the flashboards were established by a 2004 survey of the reservoir.

With respect to the one percent annual (100 year) flood discharges established above, it should be noted that Reclamation has undertaken more recent studies reviewing the hydrology of the Carson River at Lahontan Dam. One of these studies is enclosed (Enclosure 6). The study contains additional estimates of the peak 100 year flood flow entering Lahontan Reservoir, ranging from 18,760 cfs to 20,360 cfs. These peak flood flows are much higher than the flood flow used in the study cited by our May 16, 2003 letter, which established the discharges outlined above. That peak flood flow was 14,075 cfs. For this reason, it is likely that any revised 100 year flood discharges estimated by Reclamation would be higher than those outlined above.

Your letter cites a new emergency operations plan which establishes procedures for mitigating flood events below Lahontan Dam. Please be advised that the focus of this plan is only on mitigation of the impacts of flooding and does not specifically mitigate the area inundated by a flood. Additionally, your letter notes the improved predictive tools developed by Reclamation. The tools that are currently used by our office do provide certain measures of improved accuracy and precision in predicting inflows to Lahontan Reservoir. As with the new emergency operations plan, those tools can be useful in mitigating the impacts due to flooding by potentially providing advanced warning. However, they do not necessarily ensure that there will be any change in the area inundated by a flood, particularly when considering a flood with the magnitude of a 100 year event. Further, the ability to mitigate flooding or flood impacts through the use of those tools is limited by a wide variety of potentially variable factors, including but not limited to the availability and accuracy of the weather forecast data available at the time of an extreme flood, as well as the availability of trained staff during an extreme flood event. It would not seem prudent to base changes in potential flood hazards on these predictive tools given the potential for variability in their use at a time when extreme weather may be affecting their input data and the staff required to operate them.

In summary, our office does not believe that changes and improvements to operating procedures and predictive tools have resulted in a reduction in potential flood flows below Lahontan Reservoir. However, we would agree that FEMA's peak discharge estimates from Lahontan Dam may need to be revised based on updated estimates of the 100 year inflow event to Lahontan Reservoir, particularly because there appears to be a disparity between the 100 year release estimate cited by FEMA as compared to those computed by Reclamation.

Should you have any questions or wish to discuss this matter further, please call Jeff Rieker at (775) 884-8375.

Sincerely,



Kenneth L. Parr
Acting Area Manager

Enclosures

cc: Mr. Steve Endacott
Emergency Manager
City of Fallon
55 W. Williams Avenue
Fallon, Nevada 89406

Mr. Brad Goetsch
Churchill County Manager
155 N. Taylor Street, Suite 153
Fallon, Nevada 89406-2748

Mr. Kelvin Hickenbottom
Deputy State Engineer
901 S. Stewart Street Suite 2000
Carson City, Nevada 89701-9965

Mr. Mert Mickelson
Emergency Manager
City of Fallon
55 W. Williams Avenue
Fallon, Nevada 89406

Ms. Judy Soutiere
U.S. Army Corps of Engineers Sacramento District
1325 J Street
Sacramento, California 95814-2922

Mr. Ken Tedford Jr.
Mayor of Fallon
55 W. Williams Avenue
Fallon, Nevada 89406



FEMA

February 4, 2008

Ms. Elizabeth Reike, Area Manager
U. S Bureau of Reclamation
Lahontan Basin Area Office
7050 North Plaza Street
Carson City, Nevada 89701-4015

COPY

RE: Available Hydrologic Information for the Carson River

Dear Ms. Reike,

This letter is to request available information (e.g., hydrologic modeling, reservoir operation plans, etc.) that would be helpful in updating flood hazard information along the Carson River and/or New River Drain in Churchill County. In addition, this letter follows up on a December 19, 2007, telephone conversation between Mr. Mike Larson, of the U. S Bureau of Reclamation, and Mr. Steve Endacott, City of Fallon Emergency Manager.

For the past year I have been coordinating with Mr. Steve Endacott on an ongoing update of the Flood Insurance Rate Map (FIRM) for the City of Fallon. The Department of Homeland Security's Federal Emergency Management Agency (FEMA) is in the process of updating the nation's FIRMs with primary focus on converting existing information into digital format. A new, countywide FIRM is being produced that combines the previous ones for the unincorporated areas of Churchill County and the City of Fallon.

Local officials believe that a small change in flood water management at Lahontan Dam would result in significant lessening in flood hazards along New River Drain within the City of Fallon. FEMA's current hazard mapping for New River Drain is based upon a 1 percent annual chance (100-year) flood discharge at Lahontan Dam of 4,300 cfs, with 3,100 cfs in the Carson River around the U.S. Highway 50 bridge. As the flood waters back up at the U.S. Highway 50 bridge during high water conditions, flooding occurs along New River Drain.

The primary concern being expressed by local officials is that according to FEMA's current FIRM, the peak flood discharges from Lahontan Dam are based on a 1977 study conducted by the U.S. Army Corp of Engineers in which 1 and 0.2 percent annual chance (100-year and 500-year) frequency hydrographs are routed through Lahontan Reservoir. The City of Fallon questions if changes in operation procedures for Lahontan Dam and/or flood mitigation prediction capabilities have changed flood hazards along New River Drain.

Additionally, a review of peak stream flow data on the U.S. Geological Survey (USGS) website (<http://nwis.waterdata.usgs.gov/nv/nwis>) for the Carson River above and below Lahontan

Reservoir (USGS sites 1031200 and 10312150) may support a need to update FEMA's current flood hazard data for the City of Fallon. The largest recorded peak flow since 1967 below the dam was 3,160 cfs in 1983; the next highest peak was 2,330 in 1986, and the high water event of 1997 resulted in a peak of 2,320 cfs.

Finally, local officials have sited to FEMA the following enhancements to flood mitigation efforts that have occurred during recent years:

- The Bureau of Reclamation, in cooperation with Churchill County, the City of Fallon and other local agencies, developed a Lahontan Dam Emergency Operations Plan. This new plan evidently establishes procedures for mitigating flood events below Lahontan Dam; and
- The Bureau of Reclamation has developed more precise predictive tools during the last 40 years, as presented by Mr. Shane Coors during the U.S. Bureau of Reclamation Lahontan Dam Emergency Operating Procedure development process in June 2006.

It appears that flood discharges along the Carson River downstream of Lahontan Dam may be impacted. Therefore, FEMA requests comments and/or available hydrologic information from the U. S Bureau of Reclamation concerning Lahontan Dam release conditions, especially those that may impact the 1 percent annual chance flood in the City of Fallon.

FEMA Region IX and the City of Fallon are willing to work together with the U. S Bureau of Reclamation to better understand flood hazards downstream of Lahontan Dam. Thank you for your attention to this matter and if you have any questions on flood hazard mapping, please call me at (510) 627-7029. Mr. Steve Endacott can be reached at (775) 423-1345.

Sincerely,



Eric Simmons, Engineer
FEMA Region IX
Mitigation Division

cc Honorable Ken Tedford, Jr., Mayor of the City of Fallon.
Mr. Steve Endacott, City of Fallon Emergency Manager
Mr. Brad Goetsch, Churchill County Manager
Mr. Mert Mickelson, Emergency Manager, Churchill County
Mr. Mike Larson, U. S Bureau of Reclamation
Mr. Kelvin Hickenbottom, Deputy State Engineer
Ms. Judy Soutiere, U.S. Army Corps of Engineers

RECEIVED

FEB 06 2008

**BUREAU OF RECLAMATION
Lahontan Basin Area Office**

May 16, 2003

LO-940
PRJ-13.10

Mr. John W. Eldridge, Jr.
Community Mitigation
Program Branch Chief
Federal Emergency Management Agency
Region IX
1111 Broadway, Suite 1200
Oakland, California 94607-4052

Subject: Fallon Flood Insurance Rate Maps

Dear Mr. Eldridge:

We received your letter dated April 15, 2003 (copy enclosed), regarding a potential need to revise the Flood Insurance Rate Maps in Fallon, Nevada, based on the current operating plan for Lahontan Dam. In that letter you ask eight questions to help in your evaluation. Following are our responses to those questions:

- 1. Based on your current operating procedures, what are outflows for Lahontan Dam that can be reasonably expected during the "100 year" event (1% probability)?**

The 100-year flood routings have not been reevaluated based on new operating criteria. The 100-year 7-day volume is 90,600 acre-feet, with a peak flow of 14,075 cubic feet per second (cfs). The peak outflow from hypothetical 100-year events range from 7,317 cfs to 7,714 cfs. Please see the enclosed reports for details. The 1997 Operating Criteria and Procedures (OCAP) for the Newlands Reclamation Project regulate diversions from the Truckee River to Lahontan Reservoir. Under the OCAP, Lahontan Reservoir storage will be lower in some years due to decreased diversions from the Truckee River. Little or no change in operations results from the OCAP in "wet" years. In the past, just as now, diversions from the Truckee River were not allowed when the Carson River inflow was adequate to fill Lahontan Reservoir. We do not feel a reevaluation of the 100-year flood routings are justified based on changes resulting from the OCAP.

2. Can you submit to FEMA the models and computations used to determine the 1% outflows from Lahontan Dam?

We are providing a copy of the technical report prepared by the U. S. Bureau of Reclamation (Reclamation) Technical Services Center (TSC) in Denver, Colorado. Our office does not have the models used to determine the one percent chance exceedence outflow. We can request copies of the models from the TSC if desired, or feel free to contact Wayne Graham, Hydraulic Engineer at TSC, telephone number (303) 445-2553.

3. Do you have an operations manual or operating rule curves that documents that a given storage capacity will be maintained at the Dam in order that the outflows stated in question 1 will not be exceeded during the 1% event? If yes, can you provide us with these documents?

There are no rule curves for operating Lahontan Reservoir. The emergency release criteria for Lahontan Reservoir have not changed based on new operating criteria at Lahontan Dam. Whenever Lahontan Reservoir storage exceeds or is forecast to exceed 295,500 acre-feet, water is released from the reservoir in order to minimize or prevent flood damage along the Carson River downstream from the dam. Reclamation initiates flood operations when water deliveries to water-righted lands are maximized and the release of water is forecast to cause Carson River flow at the USGS gage at Tarzyn Road to exceed 500 cfs, and Reclamation determines that there is a threat to public safety. Flood operations are water deliveries to lands without charge against the water user's annual allocation, and may include deliveries to non-water-righted lands.

4. Can you describe to us, in a brief paragraph, your operation during a hypothetical 100 year flood? By operation, we are seeking information in regards to flow expected through the outlet works, spillway, reservoir pool elevation, and reserved flood control storage in the project, etc.

There is no reserved flood control space at Lahontan Reservoir. When Lahontan Reservoir storage is projected to exceed 295,500 acre-feet with maximum deliveries to water-righted lands, the irrigation system will be used to deliver as much water as possible to non-water-righted lands. At the same time, flows in the Carson River at Tarzyn Road (Bafford Lane area) will be regulated to approximately 900 cfs, the maximum flow before damages occur. Finally, controlled releases through the outlet works will be used, up to a release of approximately 2,400 cfs, to bring Lahontan Reservoir storage to 295,500 acre-feet until after the runoff peak, if possible. Of the 2,400 cfs, approximately 1,500 cfs can be diverted into the canal system at the Carson River Diversion Dam, three miles downstream from Lahontan Dam. In a hypothetical 100-year event, it is not possible to contain a flood using the outlet works, and uncontrolled spillway flow occurs. The peak outflow from hypothetical 100-year events range from 7,317 cfs to 7,714 cfs. If storage does not exceed 295,500 acre-feet during the rising limb of the flood, the criteria allows water to be stored on the flashboards at Lahontan Dam (wooden boards on the spillway crest) up to approximately 319,000 acre-feet of storage during the flood recession. In recent years water has been stored on the flashboards late in the rising limb of the flood.

The flashboards are "temporary" structures and should not be considered reliable in a large flood. Wind driven debris or overtopping flows could breach the flashboards. Although the flood of 1997 was approximately a 100-year inflow event, we were fortunate that the reservoir storage was low prior to the flood. The flashboards could have been breached with the same inflow event had the reservoir storage been higher before the flood. Also, the enclosed Early Warning System Reliability Study shows that the flashboards only slightly reduce the peak outflow from a hypothetical 100-year event. In larger events, the flashboards can contribute to a longer duration of spillway flow, and a higher peak outflow.

5. Is the Dam operated strictly for irrigation or is there dedicated flood control storage?

There is no dedicated flood control storage at Lahontan Reservoir. The reservoir is currently operated to store and release waters for irrigation and wetlands uses.

6. To the best of your knowledge has there been an appreciable change in the channel cross sections from the Dam to Hwy 50 from the late 90s to the present? We are seeking information to determine if channel capacity has increased or decreased since the last FIS.

To the best of our knowledge there has been no appreciable change in the channel cross sections from Lahontan Dam to Hwy 50 from the late 90s to the present. Development is encroaching on other reaches of the Carson River below Lahontan Reservoir, particularly through the city of Fallon. The subdivision on Bafford Lane begins to flood when the river reaches 900 cfs.

7. Does the USBR have any new cross section or topographic information on the reach between the Dam and Hwy 50? If so, can that information be shared with FEMA and the City?

Reclamation does not have any new cross section or topographic information on the reach between the Dam and Hwy 50.

8. Is there still an agreement that releases from the Dam will be limited to channel capacity at the Hwy 50 bridge? Is there any documentation for this agreement?

The established Emergency Release Criteria for Lahontan Reservoir are outlined in our response to Question 3. The Highway 50 bridge is not specifically mentioned in the criteria. Releases from the reservoir are made in order to minimize or prevent flood damage and loss of life along the Carson River downstream from the dam.

In summary, we do not feel changes to the Lahontan Reservoir Operating Criteria have resulted in significantly smaller flood zones during a hypothetical 100-year event. Also, the primary constraint in Lahontan Reservoir flood operations is the 900 cfs flow restriction at Tarzyn Road, which is caused by encroachment in the Carson River floodplain.

If you have any additional questions, please contact Tom Scott of my staff at (775) 884-8357.

Sincerely,

Elizabeth Ann Rieke

Elizabeth Ann Rieke
Area Manager

Enclosures (3)

bc: LO-100, -900, -430, -930

WBR:GReynolds:mwilliams:5/16/03:775-884-8358

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