



# 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:** March 15, 2023  
**TIME:** 6:30 pm  
**LOCATION:** CWSD Conference Room  
777 E. William Street, Ste. 209, Carson City, NV 89701

CWSD encourages Board Members attendance to be in-person meetings, but virtual attendance is available via [Zoom](#). If you prefer to phone in, call (669)900 9128. Meeting ID: 833 4447 4884; Passcode: 262250.

## 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](mailto: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 Feb. 15, 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 February 2023
8. For Possible Action: Approval of Payment of Bills for February 2023
9. For Possible Action: Approval of Interlocal Contract #2023-2 with Carson City for High Water Mark Project not to exceed \$23,000
10. For Possible Action: Request to use \$3,000 from the Outside Professional Account to pay for food for the two-day Watershed Forum on April 18 and 19

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

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11. For Possible Action: Approval of the 2023 Water and Sewer Rate Report for the Carson River Watershed
12. For Possible Action: Approval of Extension to DVCD Interlocal Contract #2022-8

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

13. For Discussion Only: Staff presentation on the Water Diversions Map for the Carson River
14. For Possible Action: Approval of the Tentative Fiscal Year 2023-24 budgets
15. For Possible Action: Approval Lumos Contract #2023-1 for 30-Year Regional Drought & Water Sustainability Plan not to exceed \$165,000 and authorize the General Manager to execute change orders up to 10% of the contract amount
16. For Discussion Only: Update on Upcoming CWSD Events
17. For Possible Action: Discussion regarding the 2023 Nevada Legislation Session
18. For Discussion Only: Overview of the Water Picture for the Carson River Watershed
19. For Discussion Only: Staff Reports
  - General Manager
  - Legal
  - Correspondence
20. For Discussion Only: Directors Reports
21. For Discussion Only: Update on activities in Alpine County
22. 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.
23. For Possible Action: Adjournment

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

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**AGENDA ITEM #6**

**MINUTES OF LAST  
BOARD MEETING**

CARSON WATER SUBCONSERVANCY DISTRICT  
BOARD OF DIRECTORS AND  
CARSON RIVER WATERSHED COMMITTEE MEETING  
February 15, 2023

**Draft Minutes**

Chairperson Workman called the meeting of the Carson Water Subconservancy District (CWSD) to order at 6:30pm in the CWSD Conference Room, 777 E. William Street, Suite 209, Carson City, NV 89701. Roll call of the CWSD Board was taken and a quorum was determined to be present.

**CWSD Directors present:**

Stacey Giomi  
Ken Gray (*via Zoom*)  
Sharla Hales  
Jim Hindle

Cassi Koerner  
Ernie Schank (*via Zoom*)  
Lisa Schuette  
Mike Workman

**Directors Absent:** Mark Gardner, Dave Nelson, Bus Scharmann and Fred Stodieck

Roll call included CWSD Committee Members present – Charlie Dobson (*via Zoom*) and David Griffith (*via Zoom*)

**CWSD Staff & Guests present:**

Shane Fryer, CWSD  
Brenda Hunt, CWSD  
Andrea Jacobsma, Stantec  
Edwin James, CWSD  
Patrick King, CWSD Attorney

Debbie Neddenriep, CWSD  
Kelly Nicholas, CWSD AmeriCorps  
Max Robinson, CWSD  
Catrina Schambra, CWSD

Mr. Fryer led the pledge of allegiance.

**Item #4 – Discussion Only: Public Comment –**

Mr. Fryer announced he will be retiring effective June 30, 2023.

**Item #5 – For Possible Action: Approval of Agenda**

*With no objections Chairperson Workman accepted the agenda.*

**Item #6 – For Possible Action: Approval of the Board Meeting Minutes of Jan. 18, 2023**

*Committee Member Griffith made a motion to approve the Board Meeting Minutes of January 18, 2023, as presented. The motion was seconded by Director Hindle and unanimously approved by the Board.*

**\*\*CONSENT AGENDA\*\***

**Item #7 - For Possible Action: Approval of Treasurer's Report for January 2023**

**Item #8 - For Possible Action: Approval of Payment of Bills for January 2023**



*Director Schank made a motion to approve the Consent Agenda as presented. The motion was seconded by Director Giomi and unanimously approved by the Board.*

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

**Item #9 - For Discussion Only: Cardno Presentation on Clear Creek LOMR**

Cardno has been acquired by Stantec. Andrea Jacobsma, PE, CFM gave a presentation on the Clear Creek Restudy and Remap Project that remapped flood hazards along Clear Creek and Prison Hill drainage to reflect its change physical conditions. Stantec surveyed hydraulic structures and performed hydrologic analyses and developed a hydraulic model. The updated floodplain and floodway mapping was submitted to FEMA in November and their response is due in late March. Ms. Jacobsma showed the current maps and the proposed changes.

*No action taken.*

**Item #10 - For Possible Action: Discussion on EPA Mercury Superfund Site**

Ms. Hunt reported on two Channel 2 Arianna Bennet Investigative Reporting pieces on the Carson River Mercury Site (CRMS) that were aired and then posted on YouTube in January 2023. Staff became aware of the pieces after they were posted on YouTube and are concerned that the issue was not addressed in a complete report that would include input from more than one source. There are several inaccuracies in the reporting and areas that need to be addressed to fully inform the public. Due to the window closing on the final decision by the USEPA, she feels it is important to correct this misinformation to the public.

CWSD sent a detailed letter of concerns to the USEPA during the comment period for the Interim Record of Decision (ROD). Staff has spoken with and received an email update from Andrew Bain, USEPA CRMS Project Lead. His team at USEPA has conducted a meeting with FEMA to discuss the concerns addressed in our comment letter on the interim ROD. They are organizing a follow-up meeting with FEMA/Region 9 program and legal staff to discuss specific concerns heard from CWSD and other stakeholders during the public comment period. They plan to share outcomes once they've met. Additionally, Mr. Bain stated the USEPA's timeline for adoption of the Interim ROD, including the response to comments, is to have management and legal reviews completed by the end of February, and to sign/issue the final by March 31, 2023.

Committee Member Griffith stated that CWSD should send a letter to the station/reporter to clarify the issues. Director Schuette thinks it is appropriate to call the reporter to get a meeting and discuss a follow up report being aired as soon as possible. Directors Giomi and Hindle agree. There will be no federal disaster funding, no funder for area. It appears the EPA is pushing only one option when there is other, more community beneficial options to consider. Director Giomi suggests calling the reporter directly and Director Hales thinks that we should be very aggressive on this as it is our obligation to the public. Consensus of the Board is the letter of concerns should be shared with the reporter and she should be given a list of people for her to contact for the follow up reporting. Director Gray suggests we ask the reporter since she focused on the federal side, that she now cover the state and local area too.

*No action taken.*

## **Item #11 - For Discussion Only: Watershed Moments Report**

Ms. Hunt presented a detailed analysis on the very successful “I Am Carson River Watershed Campaign,” reflecting the social media outreach by the number of views and engagement. CWSD is still waiting to hear from NDEP for funding this year. Next steps in campaign will be working with Neon for targeted media outreach and using 30 second clips from videos for TV PSA spots.

*No action taken.*

## **Item #12 - For Discussion Only: Overview of the Water Picture for the Carson River Watershed**

Mr. James presented slides of the water picture for the Carson River watershed to date. Good news: In January we were at 338% of average. The snow water equivalent is a new record. We are still ahead of 2017 and have less soil saturation, which is great. We will have a nice long runoff or be filling sandbags. We shall see what happens. CWSD will be organizing an East Fork river float for Board members and community leaders in early June this year.

*No action taken.*

## **Item #13 - For Discussion Only: Staff Reports**

Mr. James reported the following:

- CWSD finally received the NDEM grant. Lumos was hired as consultant. We have met with Lumos and USGS to put together the scope of the project. Hoping to bring it to the March Board meeting. We have noticed an increase in ground water pumping. Max will be looking into this trend and it will be part of data as the grant moves forward. The grant has been extended to give us the full 3 years for the study.

Mrs. Hunt reported the following:

- The Watershed Forum is scheduled for April 18-19 in Ruvo Hall at the Governors Mansion. We are planning schedule now.

Mrs. Neddenriep reported the following:

- She is working on Water Rate Report for the March meeting.

Mr. Robinson reported on the following:

- Kudos to Kelly Nicolas, CWSD AmeriCorps for a great job at the Pau Wa Lu Middle School event! It was 8 hours with 7 sessions of 7-12 students each. She smiled the whole time!
- He was elected to a 1-year term on the Board of NWRA at the conference.

**Legal** – No report.

**Correspondence** –

Correspondence (1) Retired Carson City engineer Robb Fellows recognized for watershed work

Correspondence (2) Western Nevada Snowpack Puts Dent in Drought

*No action was taken.*

**Item #14 – For Discussion Only: Directors Reports –**

- Director Gray reported BDR for Alpine County Directors did not get approved by the legislative legal department. It will have to be addressed in the next session and he will use the time in between to address every issue so it is ready to go.
- Director Schank would like to arrange for the newly appointed Nevada Conservation Director Settlemeyer to speak to the Board.
- Director Hindle announced Marlette Systems are in the Capital Improvement Plan.

*No action was taken.*

**Item #15 - For Discussion Only: Update on activities in Alpine County –**

- Committee Member Griffith reports this is the first international Board meeting as he is zooming in from Mexico! He and Committee Member Dobson have some ideas of how CWSD can apply for CA funding for projects in Alpine County. They are working on proposal for the March meeting.

*No action was taken.*

**Item #21 – For Discussion Only: Public Comment – None**

There being no further business to come before the Board, Chairperson Workman adjourned the meeting at 8:10pm.

Respectfully submitted,

*Catrina Schambra*

Secretary to the Board

## **AGENDA ITEM #7**

### **TREASURER'S REPORT**

10:35 AM  
03/03/23  
Cash Basis

**CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**  
**Balance Sheet**  
**As of February 28, 2023**

	Feb 28, 23
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
1013-00 · Cash in Checking - U. S. Bank	102,305.59
1014-00 · Local Gov't Inv. Pool-Regular	788,926.67
1030-00 · Petty Cash	122.74
<b>Total Checking/Savings</b>	891,355.00
<b>Other Current Assets</b>	
1055-00 · Payroll Deposit - Carson City	500.00
<b>Total Other Current Assets</b>	500.00
<b>Total Current Assets</b>	891,855.00
<b>TOTAL ASSETS</b>	<b>891,855.00</b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Other Current Liabilities</b>	
3360-00 · Accrued Vacation	24,979.38
3362-00 · Accrued sick leave	65,334.98
<b>Total Other Current Liabilities</b>	90,314.36
<b>Total Current Liabilities</b>	90,314.36
<b>Total Liabilities</b>	90,314.36
<b>Equity</b>	
4000-00 · Fund Balance	596,569.44
Net Income	204,971.20
<b>Total Equity</b>	801,540.64
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>891,855.00</b>

10:37 AM

## CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

03/03/23

## Profit &amp; Loss Budget vs. Actual

Cash Basis

July 2022 through February 2023

	Jul '22 - Feb 23	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
5007-00 · Storey County Contribution	16,775.92	16,775.92		100.0%
5008-00 · Alpine Co. Joint Powers contrib	12,276.07	12,276.07		100.0%
5009-00 · Churchill County Ad Valorem	142,941.98	244,771.60	-101,829.62	58.4%
5010-00 · Lyon County Ad Valorem	141,099.21	216,545.36	-75,446.15	65.2%
5011-00 · Douglas County Ad Valorem	559,972.02	701,475.82	-141,503.80	79.8%
5012-00 · Carson City Ad Valorem	359,981.30	507,228.23	-147,246.93	71.0%
5022-00 · Water Lease - Mud Lake		58,000.00	-58,000.00	
5031-00 · Interest Income-LGIP Reg.	11,902.18	2,110.04	9,792.14	564.1%
5050-00 · Watershed Coordinator Grant				
5050-14 · NDEP-WS COORD V 1/1-12/31/2022	88,730.13	64,677.65	24,052.48	137.2%
<b>Total 5050-00 · Watershed Coordinator Grant</b>	<b>88,730.13</b>	<b>64,677.65</b>	<b>24,052.48</b>	<b>137.2%</b>
5058-00 · 208 Water Quality Plan				
5058-06 · NDEP 208 Water Quality AG	13,064.51	18,924.00	-5,859.49	69.0%
<b>Total 5058-00 · 208 Water Quality Plan</b>	<b>13,064.51</b>	<b>18,924.00</b>	<b>-5,859.49</b>	<b>69.0%</b>
5060-00 · Misc. Income/Watershed Tour		6,000.00	-6,000.00	
5082-00 · Alpine Co.-CASGEM Grant	1,182.76	800.00	382.76	147.8%
5083-00 · Al.Co.-Mesa GW Monitoring Grant	3,716.40	800.00	2,916.40	464.6%
5101-00 · State Parks Aquatic Trail Grant		60,000.00	-60,000.00	
6006-00 · FEMA-MAS #11	113,914.08	77,629.00	36,285.08	146.7%
6007-00 · FEMA-MAS #12	352,310.68	582,202.00	-229,891.32	60.5%
6008-00 · FEMA - COMS #1	47,959.32	47,959.32		100.0%
<b>Total Income</b>	<b>1,865,826.56</b>	<b>2,570,215.69</b>	<b>-704,389.13</b>	<b>72.6%</b>
<b>Expense</b>				
7015-00 · Salaries & Wages	323,418.73	506,147.00	-182,728.27	63.9%
7020-00 · Employee Benefits	123,075.06	193,600.00	-70,524.94	63.6%
7021-00 · Workers Comp Ins.	146.92	1,000.00	-853.08	14.7%
7101-00 · Director's Fees				
7101-01 · Director Benefits	74.09		74.09	100.0%
7101-02 · Director's Fees-Alpine Co.	880.00		880.00	100.0%
7101-00 · Director's Fees - Other	4,717.55	18,000.00	-13,282.45	26.2%
<b>Total 7101-00 · Director's Fees</b>	<b>5,671.64</b>	<b>18,000.00</b>	<b>-12,328.36</b>	<b>31.5%</b>
7102-00 · Insurance	5,067.21	5,400.00	-332.79	93.8%
7103-00 · Office Supplies	2,633.07	3,200.00	-566.93	82.3%
7104-00 · Postage	978.10	1,500.00	-521.90	65.2%
7105-00 · Rent	26,055.40	39,300.00	-13,244.60	66.3%
7106-00 · Telephone/Internet	3,435.63	3,500.00	-64.37	98.2%
7107-00 · Travel-transport/meals/lodging				
7107-01 · Car Allowance	4,000.00		4,000.00	100.0%
7107-00 · Travel-transport/meals/lodging - Other	3,096.36	16,000.00	-12,903.64	19.4%
<b>Total 7107-00 · Travel-transport/meals/lodging</b>	<b>7,096.36</b>	<b>16,000.00</b>	<b>-8,903.64</b>	<b>44.4%</b>
7108-00 · Dues & Publications	1,021.06	1,200.00	-178.94	85.1%
7109-00 · Miscellaneous Expense		1,000.00	-1,000.00	
7110-00 · Conferences & Education	1,495.00	1,700.00	-205.00	87.9%
7111-00 · Office Equipment	6,701.94	6,000.00	701.94	111.7%
7112-00 · Bank Charges	35.00	50.00	-15.00	70.0%
7114-00 · Outside Professional Services	10,749.52	30,000.00	-19,250.48	35.8%
7115-00 · Accounting	840.00	16,800.00	-15,960.00	5.0%
7116-00 · Legal	14,000.00	30,000.00	-16,000.00	46.7%
7117-00 · Lost Lakes Expenses	621.10	14,700.00	-14,078.90	4.2%
7118-00 · Mud Lake O & M		1,400.00	-1,400.00	
7120-00 · Integrated Watershed Programs				
7120-07 · Watershed Tour		7,000.00	-7,000.00	
7120-44 · NDEP WS Coord V -1/1-12/31/2023				
7120-49 · WS COORD-REIMBURSABLE				

10:37 AM  
03/03/23  
Cash Basis

**CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**  
**Profit & Loss Budget vs. Actual**  
**July 2022 through February 2023**

	Jul '22 - Feb 23	Budget	\$ Over Budget	% of Budget
7120-51 · WS COORD REIMB - Travel	431.28		431.28	100.0%
7120-52 · WS COORD REIMB- Operations	643.36		643.36	100.0%
7120-53 · WS COORD REIMB- NEON	21,400.00		21,400.00	100.0%
7120-54 · NCE-Web Access System CRASP	13,095.00		13,095.00	100.0%
Total 7120-49 · WS COORD-REIMBURSABLE	35,569.64		35,569.64	100.0%
7120-44 · NDEP WS Coord V -1/1-12/31/2023 - Other		14,373.65	-14,373.65	
Total 7120-44 · NDEP WS Coord V -1/1-12/31/2023	35,569.64	14,373.65	21,195.99	247.5%
Total 7120-00 · Integrated Watershed Programs	35,569.64	21,373.65	14,195.99	166.4%
7126-01 · NDEM Grant 2023	38.91		38.91	100.0%
7127-00 · State Parks Aquatic Trail		40,000.00	-40,000.00	
7332-00 · Carson River Work Days				
7332-08 · CR Work Days 2022-23	4,161.21	30,000.00	-25,838.79	13.9%
Total 7332-00 · Carson River Work Days	4,161.21	30,000.00	-25,838.79	13.9%
7337-00 · Carson River Restoration				
7337-01 · Carson Valley Conserv District				
7337-28 · CVCD - West Fork Bank 2021-22		210,000.00	-210,000.00	
7337-29 · Genoa River Restoration 2022-23	128,697.09		128,697.09	100.0%
Total 7337-01 · Carson Valley Conserv District	128,697.09	210,000.00	-81,302.91	61.3%
7337-02 · Dayton Valley Conservation Dist				
7337-37 · DVCD - Projects Inventory (EXT)		45,000.00	-45,000.00	
7337-38 · DVCD Bank Stab & Dayton Bridge				
7337-34 · DVCD Bank Stab/Dayton Br (EXT)		118,000.00	-118,000.00	
Total 7337-38 · DVCD Bank Stab & Dayton Bridge		118,000.00	-118,000.00	
7337-39 · DVCD Pardere Ricci Project	15,720.13	118,000.00	-102,279.87	13.3%
Total 7337-02 · Dayton Valley Conservation Dist	15,720.13	281,000.00	-265,279.87	5.6%
7337-03 · The Nature Conservancy				
7337-50 · Riparian Reveg & Bank Stabilize	20,563.92	25,142.00	-4,578.08	81.8%
Total 7337-03 · The Nature Conservancy	20,563.92	25,142.00	-4,578.08	81.8%
7337-04 · Lahontan Conserv.Dist				
7337-45 · LCD Clearing & Sand Bar Removal		27,000.00	-27,000.00	
Total 7337-04 · Lahontan Conserv.Dist		27,000.00	-27,000.00	
Total 7337-00 · Carson River Restoration	164,981.14	543,142.00	-378,160.86	30.4%
7404-00 · Noxious Weeds Control-CR Wtrshd		85,000.00	-85,000.00	
7406-00 · 208 Water Quality Mgmt. Plan				
7406-04 · NDEP 208 Water Qual AG 2022-23	557.01	2,200.00	-1,642.99	25.3%
Total 7406-00 · 208 Water Quality Mgmt. Plan	557.01	2,200.00	-1,642.99	25.3%
7440-00 · FEMA - MAS #11				
7440-15 · Conference(Travel/Meals/Hotel)	68.75		68.75	100.0%
7440-31 · Smelter Creek LOMR -Kimley Horn	5,573.50		5,573.50	100.0%
7440-40 · 2022 Flood Awareness	8,550.52		8,550.52	100.0%
7440-51 · Clear Creek LOMR -Cardno	35,307.50		35,307.50	100.0%
7440-61 · CV Flood Forecast Model -HDR	24,279.35		24,279.35	100.0%
7440-71 · Web Access System-Michael Baker	18,769.07		18,769.07	100.0%
7440-00 · FEMA - MAS #11 - Other	98.14	43,206.00	-43,107.86	0.2%
Total 7440-00 · FEMA - MAS #11	92,646.83	43,206.00	49,440.83	214.4%
7440-72 · MB Web Access Match		7,200.00	-7,200.00	
7441-00 · FEMA - MAS #12				
7441-01 · CC EAST ADMP-MB	95,041.29		95,041.29	100.0%
7441-02 · CC Southeast ADMP - KH	68,669.50		68,669.50	100.0%

10:37 AM

**CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**

03/03/23

**Profit & Loss Budget vs. Actual**

Cash Basis

July 2022 through February 2023

	Jul '22 - Feb 23	Budget	\$ Over Budget	% of Budget
7441-03 · VC 6-Mile Cyn ADMP-Lumos	99,020.60		99,020.60	100.0%
7441-04 · Buckeye Creek -JEF	64,897.24		64,897.24	100.0%
7441-05 · Ramsey Cyn Flood Study-HMC	248.99		248.99	100.0%
7441-07 · Trvl/Hotel/Meals/Conf/Mileage	11.12		11.12	100.0%
7441-08 · FAW -2023	15.58		15.58	100.0%
7441-09 · Mural Project-Jungle Designs	1,713.95		1,713.95	100.0%
7441-00 · FEMA - MAS #12 - Other	36.28	541,300.00	-541,263.72	0.0%
<b>Total 7441-00 · FEMA - MAS #12</b>	<b>329,654.55</b>	<b>541,300.00</b>	<b>-211,645.45</b>	<b>60.9%</b>
7442-00 · FEMA - COMS 1	27,343.06		27,343.06	100.0%
7500-00 · USGS Stream Gage Contract				
7500-04 · USGS Stream Flow Gauges 21-23	39,781.75	81,089.00	-41,307.25	49.1%
<b>Total 7500-00 · USGS Stream Gage Contract</b>	<b>39,781.75</b>	<b>81,089.00</b>	<b>-41,307.25</b>	<b>49.1%</b>
7508-00 · USGS Do.Co.WQ & GW Monitoring				
7508-04 · DoCo WQ/GW Mon. 2021-23	8,961.25	17,580.00	-8,618.75	51.0%
<b>Total 7508-00 · USGS Do.Co.WQ &amp; GW Monitoring</b>	<b>8,961.25</b>	<b>17,580.00</b>	<b>-8,618.75</b>	<b>51.0%</b>
7524-00 · USGS-GW Lvl & WQ in Ch.Co.				
7524-02 · USGS-GW Lvl & WQ-ChCo 2018-22	1,640.44	4,921.33	-3,280.89	33.3%
<b>Total 7524-00 · USGS-GW Lvl &amp; WQ in Ch.Co.</b>	<b>1,640.44</b>	<b>4,921.33</b>	<b>-3,280.89</b>	<b>33.3%</b>
7526-01 · USGS Middle Carson GW 2020-22	5,228.88	15,250.00	-10,021.12	34.3%
7529-00 · USGS Water Resources 2022-24	19,102.50	44,375.00	-25,272.50	43.0%
7600-00 · Alpine County Projects				
7600-09 · Al.Co.-CASGEM	1.30	5.00	-3.70	26.0%
7600-10 · Al.Co.-Mesa GW Monitoring	43.65	2.00	41.65	2,182.5%
7600-14 · AWG Programs 22-23	15,000.00	30,000.00	-15,000.00	50.0%
<b>Total 7600-00 · Alpine County Projects</b>	<b>15,044.95</b>	<b>30,007.00</b>	<b>-14,962.05</b>	<b>50.1%</b>
7610-00 · Douglas County Projects				
7610-10 · Do.Co.Reg.Pipeline Debt Service	125,000.00	125,000.00		100.0%
<b>Total 7610-00 · Douglas County Projects</b>	<b>125,000.00</b>	<b>125,000.00</b>		<b>100.0%</b>
7620-00 · Carson City Projects				
7620-11 · CC Reg.Pipeline Debt Service	62,500.00	125,000.00	-62,500.00	50.0%
<b>Total 7620-00 · Carson City Projects</b>	<b>62,500.00</b>	<b>125,000.00</b>	<b>-62,500.00</b>	<b>50.0%</b>
7630-00 · Lyon County Projects				
7630-12 · HWY 50 Right-of-Way Project Exp		100,000.00	-100,000.00	
<b>Total 7630-00 · Lyon County Projects</b>		<b>100,000.00</b>	<b>-100,000.00</b>	
7640-00 · Churchill County Projects				
7640-20 · Lahontan Vly.Wtr.Lvl. 2021-24	4,050.00	14,500.00	-10,450.00	27.9%
7640-22 · Dixie Valley Wtr Lvl 2022-25	4,751.50	23,000.00	-18,248.50	20.7%
<b>Total 7640-00 · Churchill County Projects</b>	<b>8,801.50</b>	<b>37,500.00</b>	<b>-28,698.50</b>	<b>23.5%</b>
<b>Total Expense</b>	<b>1,474,055.36</b>	<b>2,784,640.98</b>	<b>-1,310,585.62</b>	<b>52.9%</b>
<b>Net Ordinary Income</b>	<b>391,771.20</b>	<b>-214,425.29</b>	<b>606,196.49</b>	<b>-182.7%</b>
<b>Other Income/Expense</b>				
<b>Other Income</b>				
8005-00 · Beginning Equity		703,347.45	-703,347.45	
8009-00 · Trans. In-Floodplain Mgmt. Fd.		7,200.00	-7,200.00	
8015-00 · Trans. In-Acq/Const. Fund		100,000.00	-100,000.00	
<b>Total Other Income</b>		<b>810,547.45</b>	<b>-810,547.45</b>	
<b>Other Expense</b>				
8002-00 · Transfer Out-Acq/Const Fund	135,000.00	135,000.00		100.0%



10:37 AM

**CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**

03/03/23

**Profit & Loss Budget vs. Actual**

Cash Basis

July 2022 through February 2023

	Jul '22 - Feb 23	Budget	\$ Over Budget	% of Budget
8008-00 · Preliminary Planning		400,000.00	-400,000.00	
8014-00 · Trans. Out-Floodplain Mgmt. Fd.	51,800.00	51,800.00		100.0%
Total Other Expense	186,800.00	586,800.00	-400,000.00	31.8%
Net Other Income	-186,800.00	223,747.45	-410,547.45	-83.5%
Net Income	<b>204,971.20</b>	<b>9,322.16</b>	<b>195,649.04</b>	<b>2,198.8%</b>

10:38 AM

03/03/23

Cash Basis

**CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**  
**Profit & Loss YTD Comparison**  
**February 2023**

	Feb 23	Jul '22 - Feb 23
<b>Ordinary Income/Expense</b>		
<b>Income</b>		
5007-00 · Storey County Contribution		16,775.92
5008-00 · Alpine Co. Joint Powers contrib		12,276.07
5009-00 · Churchill County Ad Valorem		142,941.98
5010-00 · Lyon County Ad Valorem		141,099.21
5011-00 · Douglas County Ad Valorem	49,792.33	559,972.02
5012-00 · Carson City Ad Valorem	73,861.92	359,981.30
5031-00 · Interest Income-LGIP Reg.	2,543.67	11,902.18
5050-00 · Watershed Coordinator Grant		
5050-14 · NDEP-WS COORD V 1/1-12/31/2022	35,826.79	88,730.13
<b>Total 5050-00 · Watershed Coordinator Grant</b>	35,826.79	88,730.13
5058-00 · 208 Water Quality Plan		
5058-06 · NDEP 208 Water Quality AG		13,064.51
<b>Total 5058-00 · 208 Water Quality Plan</b>		13,064.51
5082-00 · Alpine Co.-CASGEM Grant	1,182.76	1,182.76
5083-00 · Al.Co.-Mesa GW Monitoring Grant	3,716.40	3,716.40
6005-00 · FEMA -MAS #10		
6006-00 · FEMA-MAS #11		113,914.08
6007-00 · FEMA-MAS #12	53,390.38	352,310.68
6008-00 · FEMA - COMS #1	31,446.28	47,959.32
<b>Total Income</b>	251,760.53	1,865,826.56
<b>Expense</b>		
7015-00 · Salaries & Wages	41,214.52	323,418.73
7020-00 · Employee Benefits	15,346.06	123,075.06
7021-00 · Workers Comp Ins.		146.92
7101-00 · Director's Fees		
7101-01 · Director Benefits	10.44	74.09
7101-02 · Director's Fees-Alpine Co.	80.00	880.00
7101-00 · Director's Fees - Other	720.00	4,717.55
<b>Total 7101-00 · Director's Fees</b>	810.44	5,671.64
7102-00 · Insurance		5,067.21
7103-00 · Office Supplies	337.99	2,633.07
7104-00 · Postage	183.35	978.10
7105-00 · Rent	3,307.70	26,055.40
7106-00 · Telephone/Internet	325.99	3,435.63
7107-00 · Travel-transport/meals/lodging		
7107-01 · Car Allowance	500.00	4,000.00
7107-00 · Travel-transport/meals/lodging - Other	46.61	3,096.36
<b>Total 7107-00 · Travel-transport/meals/lodging</b>	546.61	7,096.36
7108-00 · Dues & Publications	300.00	1,021.06
7110-00 · Conferences & Education		1,495.00
7111-00 · Office Equipment		6,701.94
7112-00 · Bank Charges	10.00	35.00
7114-00 · Outside Professional Services	7,400.00	10,749.52
7115-00 · Accounting		840.00
7116-00 · Legal	2,000.00	14,000.00
7117-00 · Lost Lakes Expenses		621.10
7120-00 · Integrated Watershed Programs		
7120-44 · NDEP WS Coord V -1/1-12/31/2023		
7120-49 · WS COORD-REIMBURSABLE		
7120-51 · WS COORD REIMB - Travel		431.28
7120-52 · WS COORD REIMB- Operations	6.77	643.36
7120-53 · WS COORD REIMB- NEON		21,400.00
7120-54 · NCE-Web Access System CRASP		13,095.00
<b>Total 7120-49 · WS COORD-REIMBURSABLE</b>	6.77	35,569.64
<b>Total 7120-44 · NDEP WS Coord V -1/1-12/31/2023</b>	6.77	35,569.64
<b>Total 7120-00 · Integrated Watershed Programs</b>	6.77	35,569.64
7126-01 · NDEM Grant 2023		38.91
7332-00 · Carson River Work Days		
7332-07 · CR Work Days 2021-22		
7332-08 · CR Work Days 2022-23		4,161.21

10:38 AM  
03/03/23  
Cash Basis

**CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**  
**Profit & Loss YTD Comparison**  
**February 2023**

	Feb 23	Jul '22 - Feb 23
Total 7332-00 · Carson River Work Days		4,161.21
7337-00 · Carson River Restoration		
7337-01 · Carson Valley Conserv District		
7337-29 · Genoa River Restoration 2022-23		128,697.09
Total 7337-01 · Carson Valley Conserv District		128,697.09
7337-02 · Dayton Valley Conservation Dist		
7337-37 · DVCD - Projects Inventory (EXT)		
7337-39 · DVCD Pardere Ricci Project		15,720.13
Total 7337-02 · Dayton Valley Conservation Dist		15,720.13
7337-03 · The Nature Conservancy		
7337-50 · Riparian Reveg & Bank Stabilize		20,563.92
Total 7337-03 · The Nature Conservancy		20,563.92
Total 7337-00 · Carson River Restoration		164,981.14
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.		
7404-05 · Noxious Weed Control-Churchill		
Total 7404-00 · Noxious Weeds Control-CR Wtrshd		
7406-00 · 208 Water Quality Mgmt. Plan		
7406-04 · NDEP 208 Water Qual AG 2022-23		557.01
Total 7406-00 · 208 Water Quality Mgmt. Plan		557.01
7439-00 · FEMA MAS #10		
7439-05 · Ch Cty Flood Maps (HDR)		
Total 7439-00 · FEMA MAS #10		
7440-00 · FEMA - MAS #11		
7440-15 · Conference(Travel/Meals/Hotel)		68.75
7440-31 · Smelter Creek LOMR -Kimley Horn		5,573.50
7440-40 · 2022 Flood Awareness		8,550.52
7440-51 · Clear Creek LOMR -Cardno		35,307.50
7440-61 · CV Flood Forecast Model -HDR		24,279.35
7440-71 · Web Access System-Michael Baker		18,769.07
7440-00 · FEMA - MAS #11 - Other		98.14
Total 7440-00 · FEMA - MAS #11		92,646.83
7441-00 · FEMA - MAS #12		
7441-01 · CC EAST ADMP-MB	21,364.17	95,041.29
7441-02 · CC Southeast ADMP - KH	6,376.00	68,669.50
7441-03 · VC 6-Mile Cyn ADMP-Lumos	15,832.00	99,020.60
7441-04 · Buckeye Creek -JEF	7,347.40	64,897.24
7441-05 · Ramsey Cyn Flood Study-HMC		248.99
7441-07 · Trvl/Hotel/Meals/Conf/Mileage		11.12
7441-08 · FAW -2023		15.58
7441-09 · Mural Project-Jungle Designs		1,713.95
7441-00 · FEMA - MAS #12 - Other	0.20	36.28
Total 7441-00 · FEMA - MAS #12	50,919.77	329,654.55
7442-00 · FEMA - COMS 1		
7442-01 · Stagecoach ADMP - JEF	25,093.00	25,093.00
7442-02 · North Silver Springs ADMP - KH	2,100.00	2,100.00
7442-00 · FEMA - COMS 1 - Other	1.12	150.06
Total 7442-00 · FEMA - COMS 1	27,194.12	27,343.06
7500-00 · USGS Stream Gage Contract		
7500-04 · USGS Stream Flow Gauges 21-23		39,781.75
Total 7500-00 · USGS Stream Gage Contract		39,781.75
7508-00 · USGS Do.Co.WQ & GW Monitoring		
7508-04 · DoCo WQ/GW Mon. 2021-23		8,961.25
Total 7508-00 · USGS Do.Co.WQ & GW Monitoring		8,961.25
7524-00 · USGS-GW Lvl & WQ in Ch.Co.		

10:38 AM

03/03/23

Cash Basis

**CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**  
**Profit & Loss YTD Comparison**  
**February 2023**

	Feb 23	Jul '22 - Feb 23
7524-02 · USGS-GW Lvl & WQ-ChCo 2018-22		1,640.44
Total 7524-00 · USGS-GW Lvl & WQ in Ch.Co.		1,640.44
7526-01 · USGS Middle Carson GW 2020-22		5,228.88
7529-00 · USGS Water Resources 2022-24		19,102.50
7600-00 · Alpine County Projects		
7600-09 · Al.Co.-CASGEM		1.30
7600-10 · Al.Co.-Mesa GW Monitoring		43.65
7600-14 · AWG Programs 22-23		15,000.00
Total 7600-00 · Alpine County Projects		15,044.95
7610-00 · Douglas County Projects		
7610-10 · Do.Co.Reg.Pipeline Debt Service	62,500.00	125,000.00
Total 7610-00 · Douglas County Projects	62,500.00	125,000.00
7620-00 · Carson City Projects		
7620-11 · CC Reg.Pipeline Debt Service		62,500.00
Total 7620-00 · Carson City Projects		62,500.00
7640-00 · Churchill County Projects		
7640-18 · Dixie Vlt Wtr Lvl Meas 2019-22		4,050.00
7640-20 · Lahontan Vly.Wtr.Lvl. 2021-24		4,751.50
7640-22 · Dixie Valley Wtr Lvl 2022-25		
Total 7640-00 · Churchill County Projects		8,801.50
Total Expense	212,403.32	1,474,055.36
Net Ordinary Income	39,357.21	391,771.20
Other Income/Expense		
Other Expense		
8002-00 · Transfer Out-Acq/Const Fund		135,000.00
8014-00 · Trans. Out-Floodplain Mgmt. Fd.		51,800.00
Total Other Expense		186,800.00
Net Other Income		-186,800.00
Net Income	39,357.21	204,971.20

12:21 PM

**CARSON WTR SUBCONSERVANCY DIST - ACQUISITION/CONSTRUCTION**

03/02/23

**Profit & Loss Budget vs. Actual**

Cash Basis

July 2022 through February 2023

	Jul '22 - Feb 23	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
5032-01 · Interest Income - LGIP Res.	16,092.47	2,971.37	13,121.10	541.6%
<b>Total Income</b>	16,092.47	2,971.37	13,121.10	541.6%
<b>Expense</b>				
8015-04 · Construction Projects		900,000.00	-900,000.00	
8015-05 · Right-A-Way Lyon Cty Utility SS		100,000.00	-100,000.00	
<b>Total Expense</b>		1,000,000.00	-1,000,000.00	
<b>Net Ordinary Income</b>	16,092.47	-997,028.63	1,013,121.10	-1.6%
<b>Other Income/Expense</b>				
<b>Other Income</b>				
8000-01 · Beginning Equity		990,458.00	-990,458.00	
8001-01 · Transfer In	30,000.00	135,000.00	-105,000.00	22.2%
<b>Total Other Income</b>	30,000.00	1,125,458.00	-1,095,458.00	2.7%
<b>Other Expense</b>				
8002-01 · Transfer Out	-105,000.00	100,000.00	-205,000.00	-105.0%
<b>Total Other Expense</b>	-105,000.00	100,000.00	-205,000.00	-105.0%
<b>Net Other Income</b>	135,000.00	1,025,458.00	-890,458.00	13.2%
<b>Net Income</b>	<b>151,092.47</b>	<b>28,429.37</b>	<b>122,663.10</b>	<b>531.5%</b>

12:22 PM

**CARSON WTR SUBCONSERVANCY DIST - ACQUISITION/CONSTRUCTION**

03/02/23

**Profit & Loss YTD Comparison**

Cash Basis

February 2023

	Feb 23	Jul '22 - Feb 23
Ordinary Income/Expense		
Income		
5032-01 · Interest Income - LGIP Res.	3,239.06	16,092.47
Total Income	3,239.06	16,092.47
Net Ordinary Income	3,239.06	16,092.47
Other Income/Expense		
Other Income		
8001-01 · Transfer In		30,000.00
Total Other Income		30,000.00
Other Expense		
8002-01 · Transfer Out		-105,000.00
Total Other Expense		-105,000.00
Net Other Income		135,000.00
Net Income	3,239.06	151,092.47

12:23 PM  
03/02/23  
Cash Basis

**Floodplain Management Fund**  
**Balance Sheet**  
As of February 28, 2023

	Feb 28, 23
<b>ASSETS</b>	
Current Assets	
Checking/Savings	
1013-03 · LGIP - Floodplain	398,658.68
Total Checking/Savings	398,658.68
Total Current Assets	398,658.68
<b>TOTAL ASSETS</b>	<b>398,658.68</b>
<b>LIABILITIES &amp; EQUITY</b>	
Equity	
32000 · Retained Earnings	341,519.51
Net Income	57,139.17
Total Equity	398,658.68
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>398,658.68</b>

12:23 PM  
03/02/23  
Cash Basis

**Floodplain Management Fund**  
**Profit & Loss Budget vs. Actual**  
**July 2022 through February 2023**

	<u>Jul '22 - Feb 23</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
5032-03 · Int. Inc.-LGIP-Floodplain	5,339.17	918.60	4,420.57	581.2%
<b>Total Income</b>	5,339.17	918.60	4,420.57	581.2%
<b>Expense</b>				
8009-01 · Reg. Flood Preliminary Planning	0.00	300,000.00	-300,000.00	0.0%
8009-07 · Web Hosting (MB)	0.00	7,200.00	-7,200.00	0.0%
<b>Total Expense</b>	0.00	307,200.00	-307,200.00	0.0%
<b>Net Ordinary Income</b>	5,339.17	-306,281.40	311,620.57	-1.7%
<b>Other Income/Expense</b>				
<b>Other Income</b>				
8000-03 · Beginning Equity	0.00	306,200.00	-306,200.00	0.0%
8001-03 · Trans. In	51,800.00	51,800.00	0.00	100.0%
<b>Total Other Income</b>	51,800.00	358,000.00	-306,200.00	14.5%
<b>Net Other Income</b>	51,800.00	358,000.00	-306,200.00	14.5%
<b>Net Income</b>	<u>57,139.17</u>	<u>51,718.60</u>	<u>5,420.57</u>	<u>110.5%</u>



12:24 PM  
03/02/23  
Cash Basis

**Floodplain Management Fund**  
**Profit & Loss YTD Comparison**  
**February 2023**

	<b>Feb 23</b>	<b>Jul '22 - Feb 23</b>
<b>Ordinary Income/Expense</b>		
Income		
5032-03 · Int. Inc.-LGIP-Floodplain	1,070.97	5,339.17
Total Income	1,070.97	5,339.17
Net Ordinary Income	1,070.97	5,339.17
<b>Other Income/Expense</b>		
Other Income		
8001-03 · Trans. In	0.00	51,800.00
Total Other Income	0.00	51,800.00
Net Other Income	0.00	51,800.00
Net Income	1,070.97	57,139.17

## **AGENDA ITEM #8**

### **PAYMENT OF BILLS**

10:49 AM

## CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

03/03/23

## Transaction Detail by Account

Cash Basis

February 2023

Type	Date	Num	Name	Memo	Paid Amount	Balance
<b>1013-00 · Cash in Checking - U. S. Bank</b>						
Check	02/03/2023	10857	Charlie Dobson	JAN Director Fees	-80.00	-80.00
Check	02/03/2023	10858	King & Russo, Ltd.	Professional Services January 2023	-2,000.00	-2,080.00
Check	02/03/2023	10859	JE Fuller Hydrology & Geomorpholog...	#P3832.01-7 & #P3987.01-1	-32,440.40	-34,520.40
Check	02/03/2023	10860	Carson City	CWSD Payroll #3	-29,273.71	-63,794.11
Check	02/03/2023	ACH	Charter Communications	Acct#8354110011312511	-117.97	-63,912.08
Check	02/03/2023	10861	Euronev, Ltd.	#74334 February Rent	-3,307.70	-67,219.78
Deposit	02/06/2023			Deposit	73,861.92	6,642.14
Check	02/07/2023	10862	Truckee Meadows Parks Foundation	Americorps Inv #330/359	-7,400.00	-757.86
Check	02/07/2023	10863	Michael Baker International, Inc.	Inv#1167789	-21,364.17	-22,122.03
Check	02/07/2023	10864	Douglas County Treasurer	INV# 2023-2-CWSD Semi-Annual Douglas County ...	-62,500.00	-84,622.03
Check	02/07/2023	10865	Kimley-Horn & Associates, Inc.	23985140 & 23576825	-8,476.00	-93,098.03
Check	02/10/2023	10866	Lumos & Assoc., Inc.	Inv#116473Proj#10679	-15,832.00	-108,930.03
Check	02/13/2023	10867	Pacific Office Automation	Acct#710047	-175.16	-109,105.19
Deposit	02/13/2023			Deposit	35,826.79	-73,278.40
Check	02/14/2023	EFT	U. S. Bank	Banks Fee (to be reversed on March stmt)	-10.00	-73,288.40
Check	02/15/2023	10868	Carson City	CWSD Payroll #4	-28,517.31	-101,805.71
Deposit	02/21/2023			Deposit	54,691.49	-47,114.22
Deposit	02/21/2023			Deposit	84,836.66	37,722.44
Check	02/22/2023	10869	Local Government Investment Pool	For deposit/CWSD General	-100,000.00	-62,277.56
Check	02/27/2023	10870	Bank of America	Acct. #4024 4910 0003 3949	-838.17	-63,115.73
Total 1013-00 · Cash in Checking - U. S. Bank					-63,115.73	-63,115.73
<b>1014-00 · Local Gov't Inv. Pool-Regular</b>						
Deposit	02/01/2023			Interest	2,543.67	2,543.67
Check	02/22/2023	10869	Local Government Investment Pool	CWSD investment in General Fund LGIP	100,000.00	102,543.67
Total 1014-00 · Local Gov't Inv. Pool-Regular					102,543.67	102,543.67
<b>1030-00 · Petty Cash</b>						
General Jo...	02/28/2023			FEB Petty Cash Replenishment/Balance	-70.73	-70.73
Total 1030-00 · Petty Cash					-70.73	-70.73
<b>3307-00 · CC Payroll Due</b>						
Check	02/03/2023	10860	Carson City	Payroll #3 (1/13/2023-1/26/2023)	29,273.71	29,273.71
General Jo...	02/03/2023			Payroll #3 (1/13/2023-1/26/2023)	-29,273.71	
Check	02/15/2023	10868	Carson City	Payroll #4 (1/27/2023-2/9/2023)	28,517.31	28,517.31
General Jo...	02/15/2023			Payroll #4 (1/27/2023-2/9/2023)	-28,517.31	
Total 3307-00 · CC Payroll Due						
<b>5011-00 · Douglas County Ad Valorem</b>						
Deposit	02/21/2023	736719	Douglas County Treasurer	January Ad Valorem Taxes	-49,792.33	-49,792.33
Total 5011-00 · Douglas County Ad Valorem					-49,792.33	-49,792.33
<b>5012-00 · Carson City Ad Valorem</b>						
Deposit	02/06/2023	90310...	Carson City	DEC Ad Valorem Taxes	-73,861.92	-73,861.92
Total 5012-00 · Carson City Ad Valorem					-73,861.92	-73,861.92
<b>5031-00 · Interest Income-LGIP Reg.</b>						
Deposit	02/01/2023			Interest	-2,543.67	-2,543.67
Total 5031-00 · Interest Income-LGIP Reg.					-2,543.67	-2,543.67
<b>5050-00 · Watershed Coordinator Grant</b>						
<b>5050-14 · NDEP-WS COORD V 1/1-12/31/2022</b>						
Deposit	02/13/2023	91611...	Nevada State Treasurer	Inv #4 October - December 2022	-35,826.79	-35,826.79
Total 5050-14 · NDEP-WS COORD V 1/1-12/31/2022					-35,826.79	-35,826.79
Total 5050-00 · Watershed Coordinator Grant					-35,826.79	-35,826.79
<b>5082-00 · Alpine Co.-CASGEM Grant</b>						
Deposit	02/21/2023	275201	Alpine County	Inv #2 1/1/2022-12/31/2022	-1,182.76	-1,182.76
Total 5082-00 · Alpine Co.-CASGEM Grant					-1,182.76	-1,182.76
<b>5083-00 · Al.Co.-Mesa GW Monitoring Grant</b>						
Deposit	02/21/2023	275202	Alpine County	Inv#4 1/1/2022-12/31/2022 (FINAL)	-3,716.40	-3,716.40
Total 5083-00 · Al.Co.-Mesa GW Monitoring Grant					-3,716.40	-3,716.40
<b>6007-00 · FEMA-MAS #12</b>						
Deposit	02/21/2023		FEMA	Draw 11	-53,390.38	-53,390.38
Total 6007-00 · FEMA-MAS #12					-53,390.38	-53,390.38
<b>6008-00 · FEMA - COMS #1</b>						

10:49 AM  
03/03/23  
Cash Basis

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

Type	Date	Num	Name	Memo	Paid Amount	Balance
Deposit	02/21/2023		FEMA	Draw 2	-31,446.28	-31,446.28
Total 6008-00 · FEMA - COMS #1					-31,446.28	-31,446.28
<b>7015-00 · Salaries &amp; Wages</b>						
General Jo...	02/03/2023			Salary Payroll #3 Fryer	2,573.88	2,573.88
General Jo...	02/03/2023			Salary Payroll #3 Hunt	3,444.96	6,018.84
General Jo...	02/03/2023			Salary Payroll #3 James	6,552.60	12,571.44
General Jo...	02/03/2023			Salary Payroll #3 Neddenriep	2,577.76	15,149.20
General Jo...	02/03/2023			Salary Payroll #3 Robinson	2,535.29	17,684.49
General Jo...	02/03/2023			Salary Payroll #3 Schambra	2,930.70	20,615.19
General Jo...	02/15/2023			Salary Payroll #4 Fryer	2,573.85	23,189.04
General Jo...	02/15/2023			Salary Payroll #4 Hunt	3,432.71	26,621.75
General Jo...	02/15/2023			Salary Payroll #4 James	6,552.60	33,174.35
General Jo...	02/15/2023			Salary Payroll #4 Neddenriep	2,538.11	35,712.46
General Jo...	02/15/2023			Salary Payroll #4 Robinson	2,571.36	38,283.82
General Jo...	02/15/2023			Salary Payroll #4 Schambra	2,930.70	41,214.52
Total 7015-00 · Salaries & Wages					41,214.52	41,214.52
<b>7020-00 · Employee Benefits</b>						
General Jo...	02/03/2023			Benies Payroll #3 Fryer	757.01	757.01
General Jo...	02/03/2023			Benies Payroll #3 Hunt	1,687.09	2,444.10
General Jo...	02/03/2023			Benies Payroll #3 James	2,680.96	5,125.06
General Jo...	02/03/2023			Benies Payroll #3 Neddenriep	1,227.39	6,352.45
General Jo...	02/03/2023			Benies Payroll #3 Robinson	405.74	6,758.19
General Jo...	02/03/2023			Benies Payroll #3 Schambra	919.89	7,678.08
General Jo...	02/15/2023			Benies Payroll #4 Fryer	757.00	8,435.08
General Jo...	02/15/2023			Benies Payroll #4 Hunt	1,683.26	10,118.34
General Jo...	02/15/2023			Benies Payroll #4 James	2,680.96	12,799.30
General Jo...	02/15/2023			Benies Payroll #4 Neddenriep	1,215.02	14,014.32
General Jo...	02/15/2023			Benies Payroll #4 Robinson	411.85	14,426.17
General Jo...	02/15/2023			Benies Payroll #4 Schambra	919.89	15,346.06
Total 7020-00 · Employee Benefits					15,346.06	15,346.06
<b>7101-00 · Director's Fees</b>						
<b>7101-01 · Director Benefits</b>						
General Jo...	02/03/2023			Director Benies Payroll #3 Gardner	1.16	1.16
General Jo...	02/03/2023			Director Benies Payroll #3 Giomi	1.16	2.32
General Jo...	02/03/2023			Director Benies Payroll #3 Gray	1.16	3.48
General Jo...	02/03/2023			Director Benies Payroll #3 Hindle	1.16	4.64
General Jo...	02/03/2023			Director Benies Payroll #3 Koerner	1.16	5.80
General Jo...	02/03/2023			Director Benies Payroll #3 Nelson	1.16	6.96
General Jo...	02/03/2023			Director Benies Payroll #3 Schank		6.96
General Jo...	02/03/2023			Director Benies Payroll #3 Schuette	1.16	8.12
General Jo...	02/03/2023			Director Benies Payroll #3 Stodieck	1.16	9.28
General Jo...	02/03/2023			Director Benies Payroll #3 Workman	1.16	10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Gardner		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Giomi		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Gray		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Hindle		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Koerner		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Nelson		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Schank		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Schuette		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Stodieck		10.44
General Jo...	02/15/2023			Director Benies Payroll #4 Workman		10.44
Total 7101-01 · Director Benefits					10.44	10.44
<b>7101-02 · Director's Fees-Alpine Co.</b>						
Check	02/03/2023	10857	Charlie Dobson	JAN Alpine County Director Fees	80.00	80.00
Total 7101-02 · Director's Fees-Alpine Co.					80.00	80.00
<b>7101-00 · Director's Fees - Other</b>						
General Jo...	02/03/2023			Director Fee Payroll #3 Gardner	80.00	80.00
General Jo...	02/03/2023			Director Fee Payroll #3 Giomi	80.00	160.00
General Jo...	02/03/2023			Director Fee Payroll #3 Gray	80.00	240.00
General Jo...	02/03/2023			Director Fee Payroll #3 Hindle	80.00	320.00
General Jo...	02/03/2023			Director Fee Payroll #3 Koerner	80.00	400.00
General Jo...	02/03/2023			Director Fee Payroll #3 Nelson	80.00	480.00
General Jo...	02/03/2023			Director Fee Payroll #3 Schank		480.00
General Jo...	02/03/2023			Director Fee Payroll #3 Schuette	80.00	560.00
General Jo...	02/03/2023			Director Fee Payroll #3 Stodieck	80.00	640.00
General Jo...	02/03/2023			Director Fee Payroll #3 Workman	80.00	720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Gardner		720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Giomi		720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Gray		720.00

10:49 AM

## CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

03/03/23

## Transaction Detail by Account

Cash Basis

February 2023

Type	Date	Num	Name	Memo	Paid Amount	Balance
General Jo...	02/15/2023			Director Fee Payroll #4 Hindle		720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Koerner		720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Nelson		720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Schank		720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Schuette		720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Stodieck		720.00
General Jo...	02/15/2023			Director Fee Payroll #4 Workman		720.00
Total 7101-00 · Director's Fees - Other					720.00	720.00
Total 7101-00 · Director's Fees					810.44	810.44
<b>7103-00 · Office Supplies</b>						
Check	02/13/2023	10867	Pacific Office Automation	JAN Color Copies	147.16	147.16
Check	02/13/2023	10867	Pacific Office Automation	JAN B&W Copies	28.00	175.16
Check	02/27/2023	10870	Bank of America	Foxit PDF Editor (Debbie's computer)	79.00	254.16
Check	02/27/2023	10870	Bank of America	Director name plates (4)	67.80	321.96
General Jo...	02/28/2023			Rebecca Felderman - 4 Color & 8 B/W Copies	-0.88	321.08
General Jo...	02/28/2023			Debbie Neddenriep - Headphones	25.00	346.08
General Jo...	02/28/2023			February Copies	-8.09	337.99
Total 7103-00 · Office Supplies					337.99	337.99
<b>7104-00 · Postage</b>						
Check	02/27/2023	10870	Bank of America	RWS & F Comm Meeting Agenda Pkg mailing	48.25	48.25
Check	02/27/2023	10870	Bank of America	Bd Pkg mailing	96.50	144.75
Check	02/27/2023	10870	Bank of America	Finance Comm Meeting Agenda Pkg mailing	38.60	183.35
Total 7104-00 · Postage					183.35	183.35
<b>7105-00 · Rent</b>						
Check	02/03/2023	10861	Euronev, Ltd.	February Rent	3,307.70	3,307.70
Total 7105-00 · Rent					3,307.70	3,307.70
<b>7106-00 · Telephone/Internet</b>						
Check	02/03/2023	ACH	Charter Communications	January Wi-Fi /Internet Svcs.	117.97	117.97
Check	02/27/2023	10870	Bank of America	February ZOOM	14.99	132.96
Check	02/27/2023	10870	Bank of America	Vonage Phone System - February	112.03	244.99
Check	02/27/2023	10870	Bank of America	February - Microsoft Internet	75.00	319.99
Check	02/27/2023	10870	Bank of America	February- Microsoft 395	6.00	325.99
Total 7106-00 · Telephone/Internet					325.99	325.99
<b>7107-00 · Travel-transport/meals/lodging</b>						
<b>7107-01 · Car Allowance</b>						
General Jo...	02/03/2023			Car Allowance Payroll #3 James	250.00	250.00
General Jo...	02/15/2023			Car Allowance Payroll #4 James	250.00	500.00
Total 7107-01 · Car Allowance					500.00	500.00
<b>7107-00 · Travel-transport/meals/lodging - Other</b>						
General Jo...	02/28/2023			Ed James - Food/Drinks for 2/27/23 Finance Commi...	46.61	46.61
Total 7107-00 · Travel-transport/meals/lodging - Other					46.61	46.61
Total 7107-00 · Travel-transport/meals/lodging					546.61	546.61
<b>7108-00 · Dues &amp; Publications</b>						
Check	02/27/2023	10870	Bank of America	NV LCB Lobbyist Registration -Ed James	300.00	300.00
Total 7108-00 · Dues & Publications					300.00	300.00
<b>7112-00 · Bank Charges</b>						
Check	02/14/2023	EFT	U. S. Bank	Banks Fee (to be reversed on March stmt)	10.00	10.00
Total 7112-00 · Bank Charges					10.00	10.00
<b>7114-00 · Outside Professional Services</b>						
Check	02/07/2023	10862	Truckee Meadows Parks Foundation	Americorps- Qtr 1 & 2 (1 FT Member) INV #330 & ...	7,400.00	7,400.00
Total 7114-00 · Outside Professional Services					7,400.00	7,400.00
<b>7116-00 · Legal</b>						
Check	02/03/2023	10858	King & Russo, Ltd.	Professional Services JANUARY 2023	2,000.00	2,000.00
Total 7116-00 · Legal					2,000.00	2,000.00
<b>7120-00 · Integrated Watershed Programs</b>						
<b>7120-44 · NDEP WS Coord V -1/1-12/31/2023</b>						
<b>7120-49 · WS COORD-REIMBURSABLE</b>						
<b>7120-52 · WS COORD REIMB- Operations</b>						

10:49 AM  
03/03/23  
Cash Basis

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

Type	Date	Num	Name	Memo	Paid Amount	Balance
General Jo...	02/28/2023			February Copies	6.77	6.77
			Total 7120-52 · WS COORD REIMB- Operations		6.77	6.77
			Total 7120-49 · WS COORD-REIMBURSABLE		6.77	6.77
			Total 7120-44 · NDEP WS Coord V -1/1-12/31/2023		6.77	6.77
			Total 7120-00 · Integrated Watershed Programs		6.77	6.77
<b>7441-00 · FEMA - MAS #12</b>						
<b>7441-01 · CC EAST ADMP-MB</b>						
Check	02/07/2023	10863	Michael Baker International, Inc.	Services thru 1/29/2023	21,364.17	21,364.17
			Total 7441-01 · CC EAST ADMP-MB		21,364.17	21,364.17
<b>7441-02 · CC Southeast ADMP - KH</b>						
Check	02/07/2023	10865	Kimley-Horn & Associates, Inc.	SECC ADMP -Svcs thru January 31, 2023	6,376.00	6,376.00
			Total 7441-02 · CC Southeast ADMP - KH		6,376.00	6,376.00
<b>7441-03 · VC 6-Mile Cyn ADMP-Lumos</b>						
Check	02/10/2023	10866	Lumos & Assoc., Inc.	Professional Services 1/1/2023 to 1/31/2023	15,832.00	15,832.00
			Total 7441-03 · VC 6-Mile Cyn ADMP-Lumos		15,832.00	15,832.00
<b>7441-04 · Buckeye Creek -JEF</b>						
Check	02/03/2023	10859	JE Fuller Hydrology & Geomorpholog...	Buckeye Creek - 1/1/2023-1/31/2023	7,347.40	7,347.40
			Total 7441-04 · Buckeye Creek -JEF		7,347.40	7,347.40
<b>7441-00 · FEMA - MAS #12 - Other</b>						
General Jo...	02/28/2023			February Copies	0.20	0.20
			Total 7441-00 · FEMA - MAS #12 - Other		0.20	0.20
			Total 7441-00 · FEMA - MAS #12		50,919.77	50,919.77
<b>7442-00 · FEMA - COMS 1</b>						
<b>7442-01 · Stagecoach ADMP - JEF</b>						
Check	02/03/2023	10859	JE Fuller Hydrology & Geomorpholog...	Stagecoach - 12/1/2022 - 1/31/2023	25,093.00	25,093.00
			Total 7442-01 · Stagecoach ADMP - JEF		25,093.00	25,093.00
<b>7442-02 · North Silver Springs ADMP - KH</b>						
Check	02/07/2023	10865	Kimley-Horn & Associates, Inc.	N Silver Springs ADMP -Svcs thru Janaury 31. 2023	2,100.00	2,100.00
			Total 7442-02 · North Silver Springs ADMP - KH		2,100.00	2,100.00
<b>7442-00 · FEMA - COMS 1 - Other</b>						
General Jo...	02/28/2023			February Copies	1.12	1.12
			Total 7442-00 · FEMA - COMS 1 - Other		1.12	1.12
			Total 7442-00 · FEMA - COMS 1		27,194.12	27,194.12
<b>7610-00 · Douglas County Projects</b>						
<b>7610-10 · Do.Co.Reg.Pipeline Debt Service</b>						
Check	02/07/2023	10864	Douglas County Treasurer	Semi-Annual Douglas County Pipeline Debt Service ...	62,500.00	62,500.00
			Total 7610-10 · Do.Co.Reg.Pipeline Debt Service		62,500.00	62,500.00
			Total 7610-00 · Douglas County Projects		62,500.00	62,500.00
<b>TOTAL</b>						

# CWSD Petty Cash Transaction Record February 2022

Date	G/L No.	Description	Debits	Credits	Balance
		<b>Starting Balance</b>			<b>\$193.47</b>
2/8/23	7103-00	Rebecca Feldermann (RW)		\$0.88	\$194.35
	Office Supplies	4 Color Copies & 8 B/W Copies			
2/17/23	7103-00	Debbie Neddenriep	\$25.00		\$169.35
	Office Supplies	Headphones			
2/27/23	7107-00	Ed James	\$46.61		\$122.74
	Meals	Finance Committee Food & Drinks			
		<b>PETTY CASH BALANCE</b>			<b>\$122.74</b>

Date: 3/2/23 Prepared by: C. Shamba

Approved by: Edw's James

:cat

## **AGENDA ITEM #9**



## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

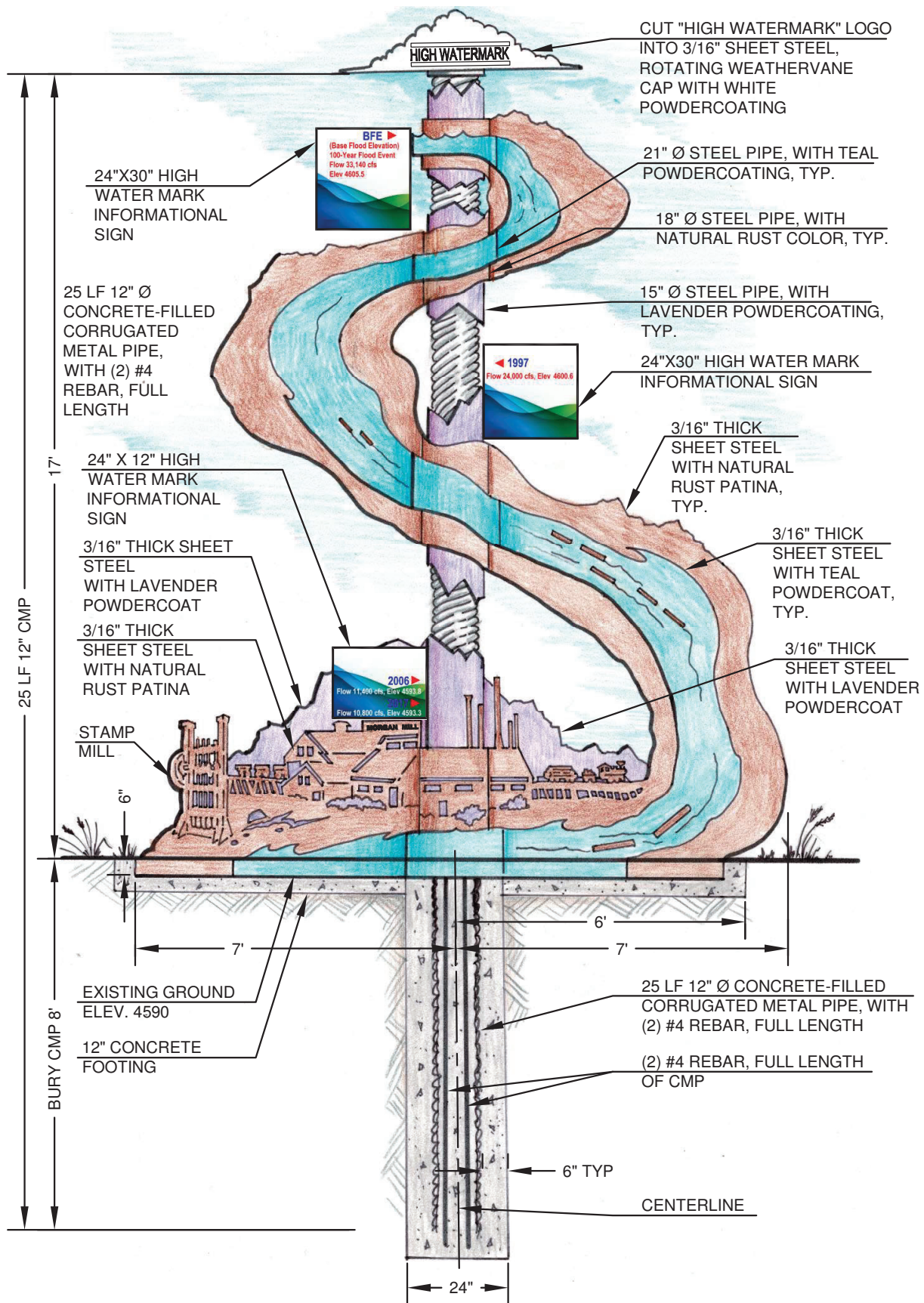
**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #9 – For Possible Action: Approval of Interlocal Contract #2023-2 with Carson City for High Water Mark Project not to exceed \$2,300

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**DISCUSSION:** Included in MAS 12 and COMS 1 are funding to develop high water mark signs and murals. Last year CWSD funded a mural showing the high-water marks along the Eagle Valley Creek. Robb Fellows (retired Carson City Stormwater Manager) came up with the concept and worked to create the original idea. Carson City would like to install a similar high-water mark sign near the Morgan Mill site. Brianna Greenlaw, current Carson City Stormwater Manager, is finalizing the design and will work with a fabricator to get it built. An interpretive sign like that installed at the Mural site last year will be designed and installed by CC Open Space. Attached is a drawing of the design, a picture of the Mural site interpretive sign, estimated costs for the Morgan Mill HWM project, and a draft agreement for this project. Under the FEMA grant, CWSD cannot fund the installation of the sign but can fund the engineering and materials for the sign. Carson City will be taking the lead on this project. This agreement will reimburse Carson City for the engineering and materials not to exceed \$23,000.

**STAFF RECOMMENDATION:** Approve Interlocal Contract #2023-2 with Carson City for High Water Mark Project not to exceed \$2,300 as submitted.



# PRELIMINARY DRAWING MORGAN MILL HIGH WATER MARK SCULPTURE

**Morgan Mill High Water Mark**  
**Preliminary Engineer's Estimate of Probable Cost**

Description	Unit of Measure	Quantity	Unit Cost	Total Price
12" Concrete-Filled CMP with (2) #4 Rebar, Full Length	LS	1	\$ 2,637	\$ 2,637
12" Concrete Footing	LF	13.5	\$ 300	\$ 4,050
Concrete Backfill	CY	3	\$ 330	\$ 858
Structural Calcs and Drawing	LS	1	\$ 3,900	\$ 3,900
Metal Work Fabrication and Powder Coating	LS	1	\$ 14,573	\$ 14,573
Interpretive Sign	LS	1	\$ 1,300	\$ 1,300
Building Permit	LS	1	\$ 500	\$ 500
<b>Subtotal</b>				\$ 27,818
Contingency (15%)				\$ 4,173
<b>Total</b>				<b>\$ 31,991</b>

**Engineering & Material Cost** \$ **22,617**

Installation Cost \$ 9,374

CWSD

PW

**DRAFT**

# AGREEMENT

## Addressing Funding from Carson Water Subconservancy District to Carson City for High Water Mark Project

This Agreement is entered into between the CARSON WATER SUBCONSERVANCY DISTRICT, a political subdivision of the State of Nevada, by and through its duly constituted Board of Directors (hereinafter "CWSD") and CARSON CC, a political subdivision of the State of Nevada, by and through its duly constituted Board of Supervisors (hereinafter "CC").

### WITNESSETH:

**WHEREAS** CWSD and CC each possess common objectives and responsibilities regarding the Carson River; and

**WHEREAS** CC has requested funding for the engineering and materials for the High Water Mark Project; and

**WHEREAS** CWSD has agreed to set aside \$23,000 to grant CC said amount to assist with the engineering and materials only for High Water Mark Project;

**NOW THEREFORE**, in consideration of the mutual undertakings and for other good and valuable consideration, the parties agree and contract as follows:

#### 1. Scope and Term of Agreement

1. CWSD hereby grants to CC \$23,000 to assist with Carson City High Water Mark Project by funding engineering and materials costs only.
2. CC will submit requests for payment as needed. The request for funding shall be accompanied by a description of what the funds will be used for and shall reference this Contract.
3. CWSD commits to pay the approved amount of the request to CC within four (4) weeks of said request.
4. CWSD shall have no responsibility for costs exceeding \$23,000.
5. The term of this Agreement shall commence on the date both parties have executed the Agreement and shall continue through June 30, 2025 at which time CCC shall have one (1) month thereafter to submit its final invoice for payment related to this Contract
6. If circumstances arise that require a time extension to complete the project, the CWSD Board grants the General Manager authority to do so in a written notice to CC.
7. Notwithstanding any other provision of this contract, any obligation of CWSD hereunder is conditioned upon CWSD's funding resources. If for whatever reason the CWSD's funding resources are reduced or eliminated, CWSD reserves the right to terminate this contract immediately in writing. CWSD will reimburse CC for all costs



that occurred under this contract up to the date the contract is terminated.

**2. Notices**

For notice purposes, the addresses of each party are as follows:

**CARSON WATER  
SUBCONSERVANCY DISTRICT**  
Edwin James  
General Manager  
777 E. William St., #209  
Carson CC, NV 89701  
775/887-7450

**CARSON CITY**  
Brianna Greenlaw  
Stormwater Manager  
3505 Butti Way  
Carson City, NV 89701  
775/283-7370

**3. Severability**

If any provision contained in this Agreement is held to be unenforceable by a court of law or equity, this Agreement will be construed as if the provision did not exist, the provisions will not be construed to render any other provision or provisions of this Agreement unenforceable, and the remaining terms of this Agreement will continue in full force and effect.

**4. Public Records**

Under NRS 239.010, CC and CWSD information or documents may be open to public inspecting and copying. The Parties will have the duty to disclose unless a particular record is made confidential by law or a common law balancing of interests.

**5. Separate Entities; Independent Contractor**

The Parties are associated with each other only for the purposes and to the extent set forth in this Agreement. Nothing contained in this Agreement may be deemed or construed to create a partnership or joint venture, to create relationships of an employer-employee or principal-agent, or to otherwise create any liability for one Party whatsoever with respect to the indebtedness, liabilities, and obligations of the other Party. Each Party is and continues to be separate and distinct from the other Party, and each Party shall have the sole right to supervise, manage, operate, control, and direct performance of the details incident to its duties under this Agreement. The Parties' respective employees, agents, attorneys, principals, or representatives shall not be considered employees, agents, attorneys, principals, or representatives of the other Party.

**6. Governing Law and Jurisdiction**

This Agreement and the rights and obligations of the Parties hereto shall be governed by and construed according to the laws of the State of Nevada. The Parties consent to the jurisdiction of the First Judicial District Court of the State of Nevada in and for Carson CC for enforcement of this Agreement.

**7. Breach**

The failure of either Party to perform any obligation of this Agreement within 30 days after being given written notice by the non-breaching Party of the failure to perform shall be





deemed a breach. Except as otherwise provided for by law or this Agreement, the rights and remedies of the Parties are not exclusive and are in addition to any other rights and remedies provided by law or equity, including, without limitation, actual damages. In any action brought to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled to its attorney's fees and costs, whether such a result was achieved by settlement, alternative dispute resolution or litigation. The Parties agree that, in the event a lawsuit is filed and a Party is awarded attorney's fees under this Agreement or by the court, for any reason, the rate applied to recoverable attorney's fees shall not exceed the rate of \$125 per hour.

**8. Waiver**

No waiver of any right or remedy shall be effective unless in writing. A waiver of any right or a party's failure to insist on strict compliance with the terms of this Agreement shall not operate as a waiver of any other right or remedy.

**9. No Third-Party Beneficiary**

It is specifically agreed between the Parties that none of the provisions this Agreement create in the public or any member thereof a third-party beneficiary, or grant anyone not a Party to this Agreement any right to maintain a suit for personal injuries or property damage under the terms or provisions of this Agreement.

**10. Entire Agreement; Modification**

This Agreement constitutes the entire Agreement of the Parties and as such is intended as a complete and exclusive statement of the promises, representations, negotiations, discussions, and other agreements that may have been made in connection with the subject matter herein. Unless an integrated attachment to this Agreement specifically displays a mutual intent to amend a particular part of this Agreement, general conflicts in language between any such attachment and this Agreement shall be construed consistent with the terms of this Agreement. No modification or amendment to this Agreement shall be binding upon the Parties unless the same is in writing and signed by the Parties hereto.

**11. Counterparts**

This Agreement may be executed in counterparts, each of which shall be deemed to be an original but all of which, taken together, shall constitute one and the same Agreement.

**12. Force Majeure**

Neither Party shall be deemed to be in violation of this Agreement if it is prevented from performing any of its obligations hereunder due to strikes, failure of public transportation, civil or military authority, acts of public enemy, accidents, fires, explosions, or acts of God, including, without limitation, earthquakes, floods, winds or storms. In such an event the intervening cause must not be through the fault of the Party asserting such an excuse, and the excused Party is obligated to promptly perform in accordance with the terms of the Agreement after the intervening cause ceases.



IN WITNESS WHEREOF, the parties have executed this Agreement.

CARSON CITY

CARSON WATER  
SUBCONSERVANCY DISTRICT

\_\_\_\_\_  
Lori Bagwell, Mayor

\_\_\_\_\_  
Michael Workman, Chairman

DATED: \_\_\_\_\_

DATED: \_\_\_\_\_

ATTEST:

ATTEST:

\_\_\_\_\_  
William Scott Hoen, Clerk-Recorder

\_\_\_\_\_  
Catrina Schambra, Secretary to the Board

DATED: \_\_\_\_\_

DATED: \_\_\_\_\_

## **AGENDA ITEM #10**



## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #10 – For Possible Action: Request to use \$3,000 from the Outside Professional Account to pay for food for the two-day Watershed Forum on April 18 and 19

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**DISCUSSION:** In September of 2022, CWSD submitted a grant request for NDEP 319 funds to help cover the Watershed Coordination Program. The NDEP 319 grant requires a 50 percent match and, in the past, we have used CWSD funds to cover meals at the Watershed Forums as part of our match. Although CWSD has not yet received the NDEP 319 grant, staff has been told that we will be receiving funding for this year. To cover part of our match, staff is proposing to use \$3,000 from the Outside Professional Account to pay for food for the two-day Watershed Forum on April 18 and 19.

**STAFF RECOMMENDATION:** Approve the use of \$3,000 from the Outside Professional Account to pay for food for the two-day Watershed Forum on April 18 and 19.

## **AGENDA ITEM #11**

## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #11 – For Possible Action: Approval of the 2023 Water and Sewer Rate Report for the Carson River Watershed

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**DISCUSSION:** Attached is a draft of the 2023 *Water & Sewer Rate Report for the Carson River Watershed*. This is an annual advisory report that CWSD has prepared for several years. It is used by several water purveyors and consultants throughout the watershed. Upon approval by the CWSD Board, the report will be posted on the CWSD website and a link to the report will be sent to all water purveyors in the watershed.

The report lists the residential and commercial water rates and includes base rates, usage rates, and connection and stormwater fees charged by each purveyor in the Carson River Watershed.

**STAFF RECOMMENDATION:** Approve the 2023 Water & Sewer Report as submitted.

# 2023 Carson River Watershed Water and Sewer Rates

March 15, 2023

Advisory Report prepared by:  
Deborah L. Neddenriep,  
Water Resource Specialist 2, CFM  
Carson Water Subconservancy District



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Table of Contents		
Water and Sewer Rates in the Carson River Watershed	-----	1
Introduction:	-----	4
Summary of Water Rate Changes:	-----	5
Summary of Sewer Rate Changes:	-----	7
Appendix A: Water Rate Sheets	-----	A1
Carson City Water Rates	-----	A2
Churchill County Water Rates	-----	A6
Douglas County Water Rates	-----	A8
City of Fallon Water Rates	-----	A12
Gardnerville Ranchos GID Water Rates	-----	A15
Gardnerville Water Company Water Rates	-----	A18
Indian Hills GID Water Rates	-----	A21
Lyon County – Dayton and Moundhouse Water Rates	-----	A24
Town of Minden Water Rates	-----	A27
Silver Springs Mutual Water Company Water Rates	-----	A31
Stagecoach GID Water Rates	-----	A34
Storey County Water Rates	-----	A37
Truckee Meadows Water Authority Water Rates	-----	A40
Appendix B: Sewer Rate Sheets	-----	B1
Carson City Sewer Rates	-----	B2
Churchill County Sewer Rates	-----	B4
Douglas County Sewer Rates	-----	B6
City of Fallon Sewer Rates	-----	B8
Gardnerville Ranchos GID Sewer Rates	-----	B10
Gardnerville Water Company Sewer Rates	-----	B12
Indian Hills GID Sewer Rates	-----	B14
Lyon County – Dayton and Moundhouse Sewer Rates	-----	B16
Minden Gardnerville Sanitation Sewer Rates	-----	B18
Lyon County – Silver Springs GID Sewer Rates	-----	B20
Stagecoach Sewer Rates	-----	B22
Storey County Sewer Rates	-----	B24

## Introduction:

The central purpose of Carson Water Subconservancy District's (CWSD) advisory report "Water and Sewer Rates in the Carson River Watershed" is to collect and publish the water and sewer rate data of the 13 major water purveyors and sewer districts in our watershed. This report is made available to each water purveyor and to the general public via our website [www.cwsd.org](http://www.cwsd.org).

We appreciate the time and effort water purveyor staff members in providing and checking the data in this report:

Table 1.1 Major Water Purveyors and Sewer Districts in the Carson River Watershed

Water Purveyors in the Carson River Watershed	
Carson City Public Works	Lyon County Utilities
Churchill County Public Works	Town of Minden
Douglas County Public Works	Minden Gardnerville Sanitation District
City of Fallon	Silver Springs Mutual Water Company
Gardnerville Ranchos General Improvement District	Stagecoach General Improvement District
Gardnerville Water Company	Storey County Public Works
Indian Hills General Improvement District	

This report includes a water data sheet followed by a sewer data sheet for each water purveys and sewer district. On the water rate data sheet, general information about each water entity includes:

- ✓ service area population
- ✓ annual demand
- ✓ total service connections separated into customer classes
- ✓ percentage of metered and unmetered connections
- ✓ Number of re-use connections
- ✓ bill frequency
- ✓ unidentified system losses
- ✓ if entity has a conservation plan and reason for doing so
- ✓ date the current water rate became effective

Water rates include base rate and volume charge for water for both residential and commercial users (Appendix A). In addition, connection fees and storm water fees are also listed if applicable. Highlights of changes in water rates follow in the next section, Summary of Water Rate Changes.

Sewer rates are included for each sewer district in Appendix B. Minden Gardnerville Sanitation District (MGSD) provides sewer service to Gardnerville Ranchos General Improvement District, Gardnerville Water Company, and Town of Minden. MGSD bills Gardnerville and Minden residents directly. However, Gardnerville Ranchos General Improvement District, through an agreement with MGSD, collects sewer fees. The Stagecoach General Improvement District service area only has septic systems; therefore, sewer rates are not applicable. Lyon County provides sewer service in three areas of the county: Dayton, Moundhouse area and within Silver Springs Mutual Water Company's service area.

For information purposes, Truckee Meadow Water Authority's (TMWA) water rates, are included in this report. TMWA also has different rate schedules for former service areas of STMGID and Washoe County. TMWA's latest rate schedule can be accessed via their website, <https://tmwa.com/>, or from hyperlinks listed on the bottom of TMWA's rate sheet page in Appendix A.

## Summary of Water Rate Changes:

Several entities increased their water rates over the past year. Of these, several water purveyor's boards have approved water rate increases for multiple years. Carson City, Churchill County, Douglas County, Lyon County, Stagecoach GID, and Storey County continue to increase water rates annually. Gardnerville Water Company had a onetime rate increase 1/1/2023. Table 2.1 summarizes water rate changes as of 1/1/2023.



Table 2.1 Summary of Water Rate Changes in 2022

<b>Water Rate Changes as of 1/1/2023</b>	
<b>Water Purveyor</b>	<b>Approved Annual Increase Date</b>
Carson City Public Works	Annual Increase approved; effective 7/1/2021 -7/1/2024
Churchill County Public Works	2.5% Annual Increase Effective 1/1; Tier rate over 20k/gal increased to \$3.40 per k/gallons.
Douglas County	Water Rate Resolution passed in 2019, will increase rates annually on 7/1 through 6/30/2024.
Gardnerville Water Company	8% increase on 1/1/2023
Lyon County Utilities	Increased 1/1/20 and will also increase annually on 7/1 2020 - 7/1/ 2024.
Stagecoach General Improvement District	Effective July 1, 2019, 2020, 2021 and 2022 a base-rate increase of \$1 to monthly Residential and Commercial Water Service
Storey County	Increased 1/1/20 and will also increase annually on 7/1 2020 - 7/1/ 2023.

Table 2.2 Summary of Unchanged Water Rates in 2022

<b>Unchanged Water Rates as of 1/1/2023</b>	
<b>Water Purveyor</b>	<b>Approved Annual Increase Date</b>
City of Fallon	No Change to rates, connection fee increase
Gardnerville Ranchos General Improvement District	No Change
Indian Hills General Improvement District	No Change
Town of Minden	No Change
Silver Springs Mutual Water Company	No Change

## Summary of Sewer Rate Changes:

The sewer rate increases over the past year are listed below. Several water purveyors have sewer rate increases that have been approved for multiple years by their respective boards. Douglas County will consider increasing sewer rates in 2023.

Table 3.1 Summary of Sewer Rate Changes in 2022

<b>Sewer Rate Changes as of 1/1/2023</b>	
<b>Water Purveyor</b>	<b>Approved Annual Increase Date</b>
Carson City Public Works	Annual Increase approved; effective 7/1/2021 -7/1/2024
Churchill County Public Works	2.5% Annual Increase Effective 1/1
Lyon County Utilities Dayton/ Moundhouse	Increased 1/1/20 and will also increase 7.55% annually on 7/1 2020 - 7/1/ 2024.
Storey County	Will increase annually 2020 - 2024

Table 3.2 Summary of Unchanged Sewer Rates in 2022

<b>Unchanged Sewer Rates as of 1/1/2023</b>	
<b>Water Purveyor</b>	<b>Approved Annual Increase Date</b>
Douglas County Public Works	Rate change anticipated 2023
City of Fallon	No Change
Gardnerville Ranchos General Improvement District	Provided by MGSD
Gardnerville Water Company	Provided by MGSD
Town of Minden	Provided by MGSD
Minden Gardnerville Sanitation District	Conducting Rate Study
Lyon County - Silver Springs	No Change
Stagecoach GID	N/A -Septic Only

# Appendix A:

## Water Rate Sheets

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# Carson City Water Rates

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# Carson City

## Water Rates As Of January 1, 2023

(7/1/2022-6/30/2023)

Meter Size:	Monthly Base Rate:
≤ 5/8"	\$ 29.93
1"	\$ 45.55
1 1/2"	\$ 67.99
2"	\$ 84.58
3"	\$ 123.63
4"	\$ 162.68
6"	\$ 240.76
10"	\$ 598.65
<b>Multifamily Residential:</b>	<b>Monthly Base Rate:</b>
	\$ 10.60 per unit

### Single Family Residential

#### Usage Chg per k/gal

0 - 5 @ \$1.92

≥ 6 ≤ 30 @\$3.35

> 30 @\$5.37

### Multifamily Residential

#### Usage Chg per k/gal

\$ 2.17 per k/gal

### Commercial

#### Usage Chg per k/gal

\$ 3.86 per k/gal

### Large Commercial, Industrial/

#### Manufacturing

\$4.05 per k/gal

[See Carson City Public Works Rate Schedule](#)

*Water Rate Fee Increases: Beginning on July 1, 2021, The connection charges will be adjusted annually on July 1 of each year based on the increase of the Engineering News Record's Construction Cost Index. The adjustment is based on the index published in December of the preceding year, with a minimum increase of zero percent and a cap of a 3% increase per year.*

## Carson City

### Residential Stormwater Rates:

Classification:	Monthly Rate:
Single Family Property: Single Story < 1600 ft <sup>2</sup> ;	
Multi Story < 2400 ft <sup>2</sup>	\$6.90
Single Family Property: Single Story 1600 ≤ 2400 ft <sup>2</sup> ;	
Multi Story 2400 ≤ 3600 ft <sup>2</sup>	\$10.23
Single Family Property: Single Story > 2400 ft <sup>2</sup> ;	
Multi Story > 3600 ft <sup>2</sup>	\$11.90

### Commercial / Industrial Stormwater Rates:

Based on Impervious Area per Property

Classification:	Monthly Rate
Small < 0.25 acre	\$30.00
Medium > 0.25 ≤ 0.99 acre	\$60.00
Large ≥ 1 ≤ 4.99 acres	\$90.00
Very Large ≥ 5 acres	\$120.00

Connection Fees:	Residential and Commercial:	Meter & Service Installation (city installed)
<b>Meter Size:</b>		
≤ 5/8"	\$3,621.48	≤ 5/8" \$1,522.50
1"	\$9,052.67	1" \$1,785.00
1 1/2"*	\$6,546.68	1 1/2" \$2,835.00
2"*	\$6,546.68	2" \$3,675.00
3"*	\$6,546.68	3" \$5,880.00
4"*	\$6,546.68	4" \$9,754.45
6"*	\$6,546.68	6" \$14,280.00
Multifamily per unit	\$1,086.65	

\* 1 1/2 inch and larger: Charge per gallon per minute (GPM)

Is connection fee increase anticipated in 2023?

Yes

*Water Connection Fee Increases: Beginning on July 1, 2021, The connection charges will be adjusted annually on July 1 of each year based on the increase of the Engineering News Record's Construction Cost Index. The adjustment is based on the index published in December of the preceding year, with a minimum increase of zero percent and a cap of a 3% increase per year.*

## Carson City

### Questions:

Is water rate increase anticipated in 2023? Yes, 3 % annual increase on 7/1

Are rates posted on your website: Yes

<https://www.carson.org/home/showpublisheddocument/80899/637921815402600000>

### General information on your service area :

Population of Service Area: 57,000

Annual Demand (AF): 11,000

Service Connections: 18,317

Residential: 16,445

Mutli-Family: Not split out

Commercial: 1,747

Irrigation: not split out

Other: 125

Metered Connections: 100%

Unmetered Connections: 0

Re-Use Connections: 5

Bill Frequency: monthly

Unidentified

System Losses: <9%

Conservation Plan: Yes

### Reason for

Water Conservation: Water Conservation conserves precious resources.

# Churchill County Water Rates

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## Churchill County

### Water Rates As Of January 1, 2023

Meter Size:	Monthly Base Rate:
≤ 5/8"	\$ 56.60
1"	\$ 56.60
1 1/2"	\$ 84.70
2"	\$ 132.00
3"	\$ 275.00
4"	\$ 400.00
6"	\$ 799.70
10"	n/a
<b>Multifamily Residential</b>	\$ 53.80
<b>All Commercial/ Industrial / Manufacturing</b>	\$ 84.70

in addition to meter size rate

in addition to meter size rate

#### Usage Chg per k/gal\*

0 - 6@ \$2.10

≥ 6 ≤ 20 @\$2.60

> 20 @\$3.40

Usage Charge per k/gal applies to Single Family Residential, Multi-Family, Commercial, and Industrial/Manufacturing

<b>Stormwater Rates:</b>	<b>N/A</b>
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## Churchill County

<b>Connection Fees:</b>		
<b>Residential:</b>	≤ 3/4"	\$7,200
	1"	\$7,200
<b>Commercial:</b>	≤ 3/4"	\$7,000
	1"	\$7,600
	1 1/2"	\$9,200
	2"	\$11,000
<b>Multi-Family Housing:</b>		Cost per individual unit
Individually Metered on Parcels with a residential unit density ≤ 8 units per acre per each unit		\$7,200
Individually Metered on Parcels with a residential unit density ≥ 9 units per acre		\$5,400
Commercial Connection Fees calculated by <b>Water Equivalent Residential Customer (WERC)</b> value: 1		

### Questions:

Is water rate increase anticipated in 2023? Yes, 2.5% annually

Are rates posted on your website: Yes/No Yes

<http://nv-churchillcounty.civicplus.com/index.aspx?NID=105>

### General information on your service area :

**Population of Service Area:** 1,133

**Annual Demand (AF):** 173

**Service Connections:** 461

Residential: 447

Mutli-Family: 3

Commercial: 11

Irrigation: 0

Other: 0

**Metered Connections:** 461

**Unmetered Connections:** 0

**Re-Use Connections:** 0

**Bill Frequency:** monthly

**Unidentified**

**System Losses:** 8.20%

**Conservation Plan:** Yes, 2019

**Reason for**

**Water Conservation:** Long-term sustainability

# Douglas County Water Rates

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# Douglas County

## Water Rates As Of January 2023

### Residential: (7/1/2022-6/30/2023)

Meter Size:	Monthly Base Rate:
≤ 5/8"	\$ 36.92
3/4"	\$ 36.92
1"	\$ 76.32
1 1/2"	\$ 141.04
2"	\$ 220.91

### Commercial:

Meter Size:	Monthly Base Rate:
≤ 5/8"	\$ 37.85
3/4"	\$ 37.85
1"	\$ 80.62
1 1/2"	\$ 151.11
2"	\$ 237.59
3"	\$ 484.29
4"	\$ 742.83
6"	\$ 1,456.82
8"	\$ 2,312.38

### Irrigation:

Meter Size:	Monthly Base Rate:
≤ 5/8"	\$ 20.25
3/4"	\$ 20.26
1"	\$ 36.62
1 1/2"	\$ 63.10
2"	\$ 96.77
3"	\$ 202.68
4"	\$ 302.81

#### Single Family Residential

##### Usage Chg per k/gal\*

5≥12@\$3.22

>13-21@ \$4.47

>21@\$7.03

#### Commercial

##### Usage Chg per k/gal

All @ \$4.03

#### Irrigation

##### Usage Chg per k/gal

All at \$4.33

\*includes first 4k gallons

Stormwater Rates:	N/A
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## Douglas County

Connection Fees:		
<b>Meter Size:</b>		
≤ 5/8"	\$	5,024.00
3/4"	\$	5,024.00
1"	\$	12,560.00
1 1/2"	\$	25,120.00
2"	\$	40,192.00
3"	\$	80,384.00
4"	\$	125,600.00
6"	\$	251,200.00
8"	\$	401,920.00
10"	\$	1,055,040.00

In addition to connection charge, connection within Eagle Ridge subdivision will be charged a water supply development fee of \$450 for each connection.

In addition to connection charge, connection within Clear Creek Development will be charged a water supply development fee of \$2500 for each connection.

### Questions:

Do you anticipate a rate increase in 2023?

Water rate Resolution 2019R-032 ; water rates will increase annually on 7/1 from 2020 -2024.

Are rates posted on your website:

<https://www.douglascountynv.gov>

### General information on your service area :

<b>Population of Service Area:</b>	6,258	Based on 2.5 per residential connection
<b>Annual Demand (AF):</b>	2,172	
<b>Service Connections:</b>	3,008	
Residential:	2,570	
Mutli-Family: N/A		
Commercial:	289	
Irrigation:	138	
Other:	11	
<b>Metered Connections:</b>	3008	
<b>Unmetered Connections:</b>	0	
<b>Re-Use Connections:</b>	1	
<b>Bill Frequency:</b>	Monthly	
<b>Unidentified</b>	connections in the	
<b>System Losses:</b>	Carson Valley systems.	

<https://www.douglascountynv.gov/governm>  
[ent/departments/public\\_works/water\\_utility](https://www.douglascountynv.gov/government/departments/public_works/water_utility)

### Conservation Plan:

Yes

### Reason for

**Water Conservation:** Responsible management of a limited, valuable natural resource.

# City of Fallon Water Rates

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## City of Fallon

### Water Rates As Of January 1, 2023

Meter Size:	Monthly Base Rate:	Water Treatment Service Charge
3/4"	\$ 15.00	\$ 22.48
1"	\$ 33.18	\$ 37.55
1 1/2"	\$ 66.37	\$ 74.89
2"	\$ 107.02	\$ 119.87
3"	\$ 221.53	\$ 224.88
4"	\$ 321.05	\$ 374.88
6"	\$ 642.10	\$ 749.76

<b>Usage Chg. per 100 cubic ft.</b>
-------------------------------------

\$ 1.07
---------

Usage Charge per 100 cubic ft. applies to Single Family Residential, Multi-Family, Commercial, and Industrial/Manufacturing

<b>Stormwater Rates:</b>
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N/A
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## City of Fallon

Connection Fees:				
Residential:	Meter Only		Water Connection Rate:	Water Treatment connection fee
3/4"	\$ 361.28	\$	4,000.00	\$ 1,500.00
1"	\$ 433.49	\$	8,000.00	\$ 2,500.00
1 1/2"	\$ 825.30	\$	16,000.00	\$ 5,000.00
2"	\$ 1,067.27	\$	25,600.00	\$ 8,000.00
3"	\$ 2,493.17	\$	64,000.00	\$ 15,000.00
4"	\$ 4,053.93	\$	160,000.00	\$ 25,000.00
6"	\$ 6,729.50	\$	320,000.00	\$ 50,000.00

Residential Connection Fees = 1 **Water Equivalent Residential Customer (WERC)** value: 1 WERC = 550 gpd; fee per WERC = \$454.00

### Commercial:

Commercial Connection Fees

calculated by **Water**

**Equivalent Residential**

**Customer (WERC)** value: 1

WERC = 550 gpd; fee per

WERC = \$454.00

### Questions:

Do you anticipate rate change in 2023?

No

Are rates posted on your website:

No

### General information on your service area :

**Population of Service Area:** 8,606

**Annual Demand (AF):** 2,334

**Service Connections:** 3,215

Residential: 2,888

Mutli-Family: 0

Commercial: 327

Irrigation: 0

Other: 0

**Metered Connections:** 3,178

**Unmetered Connections:** N/A

**Re-Use Connections:** N/A

**Bill Frequency:** monthly

**Unidentified**

**System Losses:** N/A

**Conservation Plan:** Yes

**Reason for**

**Water Conservation:** N/A



# Gardnerville Ranchos General Improvement District Water Rates

DRAFT

## Gardnerville Ranchos General Improvement District

**Water Rates As Of January 1, 2023**

**Residential/Commercial Rates:**

	<b>Monthly Base Rate:</b>
<b>In - District Rates*:</b>	\$ 21.50
<b>Outside GRGID Monthly Base Rate*:</b>	\$ 33.00
<b>Residential/Commercial Rates:</b>	
<b>Usage Chg per k/gal*</b>	
<10 In Base	
> 10 \$.90	

\* Includes Metered & Non-Metered connections

<b>Stormwater Rates:</b>	<b>N/A</b>
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# Gardnerville Ranchos General Improvement District

Connection Fees:			
Meter Size:	Connection Fee A*:	Meter Size:	Connection Fee B:
3/4"	\$ 4,950.00	3/4"	\$ 1,855
1"	\$ 8,250.00	1"	\$ 2,790
1.5"	\$ 16,500.00	1.5"	\$ 7,050
2"	\$ 26,400.00	2"	\$ 13,350
2.5"	\$ 29,600.00	2.5"	\$ 21,550
3"	\$ 52,800.00	3"	\$ 32,375
4"	\$ 82,500.00	4"	\$ 60,000

\* Fee applies to any lot or parcel legally created within District through Douglas County's land Division Process after March 6, 2013. Rate also applies to Out -of-District connections.

## Questions:

Do you anticipate rate change in 2023?

Are rates posted on your website:

No

<content/uploads/2018/01/Water%20Rates.pdf>

Yes

## General information on your service area :

**Population of Service Area:**

11,500

**Annual Demand (AF):**

3,100

**Service Connections:**

Residential:

3,610

Mutli-Family:

313

Commercial: N/A

51

Irrigation:

13

Other: Schools

3

Hydrant Meters

2

**Metered Connections:**

3,992

**Unmetered Connections:**

0

**Re-Use Connections:**

**Bill Frequency:**

Monthly

**Unidentified**

**System Losses:**

Unknown

**Conservation Plan:**

Yes

**Reason for**

**Water Conservation:**

System Management & Avoid Water Waste

# Gardnerville Water Company Water Rates

DRAFT

## Gardnerville Water Company

### Water Rates As Of January 1, 2023

#### Residential, Commercial & Irrigation:

Meter Size:	Bi-Monthly Base Rate:
3/4"	\$ 38.00
1"	\$ 64.00
1 1/2"	\$ 127.00
2"	\$ 203.00
3"	\$ 407.00
4"	\$ 634.00
6"	\$ 874.00
8"	\$ 966.00

#### Residential Rate:

##### Usage Chg per k/gal

≤8 in base

>8@\$1.50

#### Commercial Rate:

##### Usage Chg per k/gal

≤20@\$1.50

>20@\$2.25

#### Irrigation Rate:

##### Usage Chg per k/gal

≤ 200,000 @\$1.75

> 200,000 @\$2.25

Stormwater Rates:	N/A
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# Gardnerville Water Company

Connection Fees (AKA Impact Fees)					
Residential & Commercial Impact Fees		Water Rights Fee (per ERU)	Total Impact Fee with Water Rights	Fire Impact Fees	
<b>Meter size:</b>					Fire Hydrant \$1,000
3/4"	\$ 6,381	\$ 8,960	\$ 15,341	\$	1,000
1"	\$ 10,345	\$ 10,140	\$ 20,485	\$	2,500
1 1/2"	\$ 20,582	\$ 13,260	\$ 33,842	\$	5,000
2"	\$ 26,689	\$ 21,840	\$ 48,529	\$	8,000
3"	\$ 64,871	See Note 6	See Note 6	\$	25,000
4"	\$ 86,364	See Note 6	See Note 6	\$	50,000
6"	\$ 119,512	See Note 6	See Note 6	\$	80,000
8"	\$ 160,507	See Note 6	See Note 6	\$	115,222

Link to Impact fees: <https://gardnervillewater.org/impact-fees/>

## Questions:

Do you anticipate rate change in 2023? Yes 8% on 1/1/2023

Are rates posted on your website: Yes

[http://www.gardnervillewater.org/index.php?option=com\\_content&view=article&id=21&Itemid=120](http://www.gardnervillewater.org/index.php?option=com_content&view=article&id=21&Itemid=120)

## General information on your service area :

### Population of Service Area:

**2022 Annual Demand (AF):** 1390 Correction to 2021 and 2020 Annual Demand:

**Service Connections:** 2525 2021 Demand (AF): 1,324

Residential: 2072 2020 Demand (AF): 1,404

Mutli-Family: 84

Commercial: 286

Irrigation: 83

Other: 0

**Metered Connections:** 2525

**Unmetered Connections:** 0

**Re-Use Connections:** 0

**Bill Frequency:** Bi-Monthly

**Unidentified**

**System Losses:** 5%

**Conservation Plan:** Yes

**Reason for**

**Water Conservation:** State requirement

# Indian Hills General Improvement District Water Rates

DRAFT

# Indian Hills General Improvement District

## Water Rates As Of January 1, 2023

### Indian Hills Residential and Commercial:

Meter Size:	Monthly Base Rate:
3/4"	\$ 36.22
1"	\$ 56.60
1.5"	\$ 118.28
2"	\$ 173.87
3"	\$ 290.36
4"	\$ 586.53
6"	\$ 856.34
8"	\$ 1,292.75
<b>Usage Chg per k/gal*</b> < 10 @\$1.95 ≥ 10 @ \$2.30	

Connection Fees:	
3/4"	\$ 5,130.00
1"	\$ 8,550.00
1 1/2"	\$ 17,103.33
2"	\$ 27,360.00
3"	\$ 54,741.33
4"	\$ 85,500.00
6"	\$ 171,100.00
8"	\$ 273,600.00

Stormwater Rates:	
Single Family Property	\$1.00
Multi Family Property	\$1.00
Public Property	\$1.00
Manufacturing Property	\$1.00
Commercial Property	\$1.00



## Indian Hills General Improvement District

### Questions:

Do you anticipate rate change in 2023? NO

Are rates posted on your website: Yes

[http://indianhillsnevada.com/Water\\_Department.shtml](http://indianhillsnevada.com/Water_Department.shtml)

### General information on your service area :

Population of Service Area: 5,962

Annual Demand (AF): 762

Service Connections: 2,035

Residential: 1,954

Multi-Family: 0

Commercial: 81

Irrigation: 0

Other: 0

Metered Connections: all

Unmetered Connections:

Re-Use Connections:

Bill Frequency: monthly

Unidentified

System Losses:

Conservation Plan:

Reason for

Water Conservation:

# Lyon County – Dayton and Moundhouse Water Rates

DRAFT

# Lyon County - Dayton / Moundhouse

## Water Rates As Of January 1, 2023

**Dayton Valley & Mound House Residential: Effective July 1, 2023**

Meter Size:	Monthly Base Rate:	
3/4"	\$ 28.72	\$ 29.44

### Dayton Valley & Mound House Residential

Meter Size:	Monthly Base Rate:	
3/4"	\$ 28.72	\$ 29.44
1"	\$ 38.93	\$ 39.90
1 1/2"	\$ 55.87	\$ 57.27
2"	\$ 76.20	\$ 78.11
3"	\$ 130.40	\$ 133.66
4"	\$ 191.38	\$ 196.16
6"	\$ 218.43	\$ 223.89
8"	\$ 275.91	\$ 282.81
Low Income	\$ 18.79	\$ 19.74

### Single Family Residential/ Commercial

#### Usage Chg per k/gal\*

≤5 in base

>5@\$3.62

Connection Fees:	
Dayton and Mound House:	
3/4"	\$ 4,303
1"	\$ 8,606
1 1/2"	\$ 17,212
2"	\$ 27,538
3"	\$ 55,076
4"	\$ 86,056
6"	\$ 172,112
8"	\$ 275,380

Stormwater Rates:	Monthly Rate
Source Water Fee	\$1.00

## Lyon County - Dayton / Moundhouse

### Questions:

Do you anticipate rate change in 2023? Yes - 2.5% effective July 1, 2023  
Are rates posted on your website: Yes  
[https://legistarweb-production.s3.amazonaws.com/uploads/attachment/pdf/472323/Resolution -  
Rates.pdf](https://legistarweb-production.s3.amazonaws.com/uploads/attachment/pdf/472323/Resolution_-_Rates.pdf)

<b>Population of Service Area:</b>	17,418
<b>Annual Demand (AF):</b>	3,282
<b>total Service Connections:</b>	7,647
Residential:	6,371
Multi-Family	596
Commercial:	662
Irrigation: Incl in Commercial	
Other:	
<b>Metered Connections:</b>	100%
<b>Unmetered Connections:</b>	0
<b>Re-Use Connections:</b>	0
<b>Bill Frequency:</b>	Monthly
<b>Unidentified</b>	
<b>System Losses:</b>	0.02
<b>Conservation Plan:</b>	YES
<b>Reason for</b>	
<b>Water Conservation:</b>	System Ops

# Town of Minden Water Rates

DRAFT

# Town of Minden

## Water Rates As Of January 1, 2023

### Residential Flat Rate:

### In-Service Area Base Rates:

	Monthly	Quarterly
Single Family	\$ 30.38	\$ 91.15
Patio Home	\$ 26.87	\$ 80.60
Office Residential	\$ 30.38	\$ 91.15
<b>Out-of-Service Area Base Rates:</b>		
	Monthly	Quarterly
	\$ 40.75	\$ 122.20

### In-Service Area Base

### Commercial :

### Rates:

### Out-of-Service Area Base Rates:

Meter Size:	Base Rate	Metered:	Base Rate
3/4"	\$ 24.05	3/4"	\$ 32.25
1"	\$ 27.30	1"	\$ 36.60
1 1/2"	\$ 37.60	1 1/2"	\$ 50.40
2"	\$ 61.40	2"	\$ 82.30
3"	\$ 122.75	3"	\$ 164.50
4" or larger	\$ 151.45	4" or larger	\$ 203.60
<b>Unmetered:</b>	\$ 21.32	per month per equivalent dwelling unit	

### Commercial - In Service area

### Usage Chg per k/gal

≤50k @\$1.50

>50-100k @\$1.65

>100k @ \$1.85

### Service fees

### Usage Chg per k/gal

≤50k @\$2.05

>50-100k @\$2.25

>100k @ \$2.50

**Stormwater Rates:** N/A

## Town of Minden

Connection Fees:		
Residential:	Brings Water Right	Town Provides Water Right
single family 3/4"	\$ 7,225	\$13,035
single family 1"	\$ 7,225	\$16,405
multi-family unit 3/4"	\$ 5,420	\$11,105
multi-family unit 1"	\$ 8,955	\$14,375
Residential >1" pays non-residential rate		

Connection Fees:			
Non-Residential:	Fixed Cost	Variable quote required	Variable cost of water right \$6,450  acre-feet (af) per year
3/4"	\$ 5,810		
1"	\$ 9,180		
1 1/2"	\$ 17,820		
2"	\$ 28,590		
3"	\$ 60,130		
4"	Quote Required		
>4"	Quote Required		

### Meter, Installation and Administrative Fees:

3/4"	\$ 675
1"	\$ 775
1 1/2"	\$ 1,225
2"	\$ 2,175
3"	\$ 2,625
4"	\$ 3,975
>4"	Quote Required

# Town of Minden

## Questions:

Do you anticipate a rate increase in 2023? No  
If known, please attach 2022 rate information.

<http://townofminden.com/DocumentCenter/View/120/Water-And-Trash-Service-Fees-2017-PDF?bidId=>

Are rates posted on your website:

Yes

## General information on your service area :

### Population of Service Area:

3,151 2019 Census Data

### Annual Demand (AF):

1,849

### Service Connections:

2,073

Residential:

1,779

Mutli-Family:

5

Commercial:

255

Irrigation:

Other:

34

### Metered Connections:

2,071

### Unmetered Connections:

2

### Re-Use Connections:

### Bill Frequency:

quarterly-residential; monthly-commercial

### Unidentified

### System Losses:

Unknown

### Conservation Plan:

Yes/2021

### Reason for

### Water Conservation:

Meets State requirement



# Silver Springs Mutual Water Company Water Rates

DRAFT

# Silver Springs Mutual Water Company

## Water Rates As Of January 1, 2023

<b>Residential:</b>	<b>Zone 1</b>	<b>Zone 2</b>
<b>Meter Size:</b>	<b>Monthly Base Rate:</b>	<b>Monthly Base Rate:</b>
3/4"	\$ 55.00	\$ 59.00
1"	\$ 91.85	\$ 98.53
1 1/2"	\$ 183.15	\$ 196.47
2"	\$ 293.15	\$ 314.47
3"	\$ 586.85	\$ 629.53
4"	\$ 1,008.15	\$ 1,081.47
6"	\$ 2,310.00	\$ 2,478.00

<b>Commercial/Industrial* Base Rate:</b>	<b>Zone 1</b>	<b>Zone 2</b>
<b>Meter Size:</b>	<b>Monthly Base Rate:</b>	<b>Monthly Base Rate:</b>
3/4"	\$ 59.00	\$ 63.00
1"	\$ 98.53	\$ 105.21
1 1/2"	\$ 196.47	\$ 209.79
2"	\$ 314.47	\$ 335.79
3"	\$ 629.53	\$ 672.21
4"	\$ 1,081.47	\$ 1,154.79
6"	\$ 2,478.00	\$ 2,646.00

### Single Family Residential

#### Usage Chg per k/gal

< 15,999 in base

≥16≤30,999@\$5.00

≥31,000@\$6.00

### Commercial

#### Usage Chg per k/gal

< 15,999 in base

≥16≤30,999@\$5.00

≥31,000@\$6.00

<b>Stormwater Rates:</b>	<b>N/A</b>
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## Silver Springs Mutual Water Company

Connection Fees:		
3/4"	\$4,400	+actual cost
1"	\$7,348	+actual cost
1 1/2"	\$14,652	+actual cost
2"	\$23,452	+actual cost
3"	\$46,948	+actual cost
4"	\$80,652	+actual cost
6"	\$184,800	+actual cost
4" Fire	\$5,000	System Service Line
6" Fire	\$7,500	System Service Line
8" Fire	\$10,000	System Service Line
10" Fire	\$12,500	System Service Line

### Questions:

Do you anticipate rate change in 2023? No

Are rates posted on your website: Yes

<https://www.silverspringsmwc.com/forms-and-documents>

### General information on your service area :

**Population of Service Area:** 3070

**Annual Demand (AF):** 564

**Service Connections:** 1191

Residential: 1113

Mutli-Family:

Commercial: 62

Irrigation:

Other: 16

**Metered Connections:** 100%

**Unmetered Connections:** 0

**Re-Use Connections:**

**Bill Frequency:** monthly

**Unidentified System Losses:** Unknown

**Conservation Plan:** Yes

**Water Conservation:** We live in a desert climate. Water is a resource which must be managed properly to provide a sufficient quantity of water to its members and to protect the quality of water for the residents of the Silver Springs Community.

# Stagecoach General Improvement District Water Rate

# Stagecoach General Improvement District

## Water Rates As Of January 1, 2023

<b>Residential:</b>	<b>Monthly Base Rate:</b>
	\$ 65.00

<b>Commercial:</b>	
<b>Meter Size:</b>	<b>Monthly Base Rate:</b>
1"	\$ 86.90
1 1/2 "	\$ 105.01
2"	\$ 133.80
3"	\$ 190.60
4"	\$ 248.11
6"	\$ 362.39

Water Dedication .67 af per parcel  
 1 hook-up - none  
 split parcels - .67 af/parcel

<b>Residential</b>
<b>Usage Chg per k/gal</b>
≤25 in base
>25@\$3.00

<b>Commercial</b>
<b>Usage Chg per k/gal</b>
< 1 in base
≥ 1 ≥ 50 @ \$3.50
>50<100@\$4.00
≥100@\$5.00

<b>Stormwater Rates:</b>	<b>N/A</b>
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## Stagecoach General Improvement District

Connection Fees:			
Residential All Sizes:	\$5,000.00	District & Expansion Lots	
Commerical Fees All Sizes:	Fee schedue will be the basis for assessing commercial hook-up fees.		
Equivalent Residential Unit	GPD	Connection Fee	Dedication of Water Right
1	600	1 X residential fee	None
2	1,200	2 X residential fee	.67 acre feet
3	1,800	3 X residential fee	1.34 acre feet
4	2,400	4 X residential fee	2.01 acre feet

Plus additional cost for meter larger than 3/4 X 5/8.

### Questions:

Do you anticipate rate change in Yes  
2023?

The Board will look at them in March 2023

Are rates posted on your website:

Yes, it's under Policies, Water Ordinance, and then  
located in Pages 20-23 (Rate and Charges).

<http://www.stagecoachgid.com>

### General information on your service area:

**Population of Service Area:** 1586

**Annual Demand (AF):** 296

**Service Connections:** 605

Residential: 599

Mutli-Family: 3

Commercial: 3

Irrigation: 0

Other: 0

**Metered Connections:** 100%

**Unmetered Connections:** 0

**Re-Use Connections:** 0

**Bill Frequency:** Monthly

**Unidentified** Suspect a meter malfunction; an investigate is  
**System Losses:** 31% underway.

**Conservation Plan:** Yes, 2020

**Reason for** To protect our  
**Water Conservation:** natural resource

# Storey County Water Rates

DRAFT

# Truckee Meadows Water Authority Water Rates

DRAFT



# Truckee Meadows Water Authority

## Truckee Meadows Water Authority Service Area Monthly Rates:

<b>Residential:</b>	<b>Monthly Metered</b>		Small Unit Flat Rate:	\$	43.60
	<b>Base Rate</b>	<b>Usage Chg</b>	<b>Multi-Unit Residential</b>		
		<b>k/gal</b>			
≤3/4"	\$ 20.66		≤3/4"	\$	20.66
1"	\$ 22.73	≤ 6k @\$1.92	1"	\$	22.73
1 1/2"	\$ 25.86	≤ 6k @\$3.10	1 1/2"	\$	25.86
2"	\$ 29.98	>25k @\$3.63	2"	\$	29.98
3"	\$ 34.10		3"	\$	34.10
4"	\$ 39.23		4"	\$	39.23
6"	\$ 45.47		6"	\$	45.47
			8"	\$	52.72
			10"	\$	61.97

<b>Commercial:</b>	<b>GMWS Commercial Metered</b>	<b>Tier Quantities in k/gal* (same usage rates as residential above)</b>			
	<b>Base Rate</b>	<b>Tier 1</b>	<b>Tier 2</b>	<b>Tier3</b>	
		<b>Rate</b>	<b>Rate</b>	<b>Rate</b>	
≤3/4"	\$ 20.66	Per k/gal	Per k/gal	Per k/gal	
1"	\$ 22.73	\$1.92	\$3.10	\$3.63	
1 1/2"	\$ 25.86	3/4" 0-7k	7,001-30k	>30k	
2"	\$ 29.98	1" 0-14k	>14,001-65k	>65k	
3"	\$ 34.10	1 1/2" 0-28k	20,001-120k	>120k	
4"	\$ 39.23	2" 0-50k	50,001-210k	>210k	
6"	\$ 45.47	3" 0-165k	165,001-640k	> 640k	
8"	\$ 52.72	<b>See link below for 4"-10" tiers</b>			
10"	\$ 61.97				

## Former Washoe County Water Utility Monthly Rates and Charges:

<b>Residential:</b>	<b>Monthly Metered</b>			<b>Monthly Unmetered</b>
	<b>Base Rate</b>	<b>Meters &lt;1.5"</b>	<b>Meters &gt; 1.5"</b>	<b>Rate</b>
		<b>Usage Chg</b>	<b>Usage Chg</b>	
		<b>k/gal</b>	<b>k/gal</b>	
≤3/4"	\$ 19.42			\$ 89.82
1"	\$ 24.99			\$ 90.18
1 1/2"	\$ 35.74	<6,999@\$2.85	<28,999@\$2.85	\$ 92.12
2"	\$ 47.65	≥7<20,999@\$3	≥29<150,999@\$3.56	\$ 93.55
3"	\$ 76.74	≥21<40,999@\$	≥151<600,999@\$4.27	\$ 94.96
4"	\$ 112.39	>41@\$5.71	≥601@\$5.71	\$ 99.18
6"	\$ 204.93	<b>See link below for larger &amp; commercial rates</b>		

## Former STMGID Monthly Rates and Charges:

<b>Residential:</b>	<b>Monthly Metered</b>	<b>Meters &lt;2"</b>	<b>Meters &gt;2"</b>
	<b>Base Rate</b>	<b>Usage Chg</b>	<b>Usage Chg</b>
		<b>k/gal</b>	<b>k/gal</b>
≤3/4"	\$ 10.58		
1"	\$ 12.98	≤20k @\$1.58	≤70k @\$1.52
		>20,001k	
		≤40k	>70,001k
1 1/2"	\$ 18.36	@\$1.75	≤275 k @\$1.78
2"	\$ 24.77	>40k @1.97	>275k @\$3.56

See link below for 3:- 10" and commercial rates

\* Tier usage levels are set for each Meter size according to this table. Will also increase 2.5 on 5/2023

**Stormwater Rates:** \*\*No, see below for Reno, Sparks and Washoe County stormwater rates

# Truckee Meadows Water Authority

## Water Rates

Below is a full list of TMWA's water rates copied from their website. [2023-2-3 TMWA Water Rates](#)

TMWA's Board of Directors sets the Authority's water rates. Visit the links below to view and print individual rate schedules, fee schedules, and other charges schedules. Or use the image link to the right to view and print our complete rate schedule that folds.

**NOTE:** As of October 1, 2015, all remaining flat rate customers with a meter installed will be billed at a metered rate.

### Domestic Water Rates

Downloaded 2/28/2023

[Residential Metered Service \(RMWS\)](#)

[Small Unit Flat Rate Service \(SUFR\)](#)

[Multiple-unit Residential Metered Service \(MMWS\)](#)

[Multiple-unit Residential Flat Rate Service \(MRFS\)](#)

[Multiple-unit Residential & Irrigation Service \(MRIS\)](#)

[Metered Irrigation Service \(MIS\)](#)

[General Metered Water Service \(GMWS\)](#)

[Former STMGID Rates and Charges \(FRMSGID\)](#)

[Former Washoe County Water Utility Rates and Charges \(FRMWC\)](#)

### Other Water Rates

[Fire Protection Service \(FPS\)](#)

[Non-potable Service \(NPS\)](#)

[Interruptible Service \(IWS\)](#)

[Ditch Irrigation Service \(DIS\)](#)

[Interruptible Large Volume Nonpotable Service Rates and Charges \(ILVNPS\)](#)

### Wholesale Water Rates

[Large Volume Resale Service \(LVS\)](#)

[Firm Standby & Partial Requirements \(FSPR\)](#)

### Charges & Fees

[Other Charges \(OC\)](#)

[Service Charges \(SC\)](#)

### New Construction Fees

[Business Service Fees \(BSF\)](#)

[Water System Facility Charges \(WSF\)](#)

**\*\*Stormwater fees in TMWA service area in Reno, Sparks, and Washoe County:**

City of Reno is trying to implement a stormwater fee:	<a href="https://www.reno.gov/government/departments/utility-services/stormwater-utility">https://www.reno.gov/government/departments/utility-services/stormwater-utility</a>		
Proposed Stormwater Fee:	<a href="https://www.reno.gov/home/showpublisheddocument/89473/638084489039300000">https://www.reno.gov/home/showpublisheddocument/89473/638084489039300000</a>		
Hope to implement in July 2023.			
City of Sparks incorporates stormwater fee into sewer rate.			
Proposed new rate:	<a href="http://portal.cityofsparks.us/media/p3ujmck2zpuoavrv5d1ni14n/Title%2013%20-%20Bill%20No.%202753.pdf">http://portal.cityofsparks.us/media/p3ujmck2zpuoavrv5d1ni14n/Title%2013%20-%20Bill%20No.%202753.pdf</a>		
Washoe County Stormwater fees were imposed for the N. Spanish Springs Flood Detention Facility 3/24/2015			
Stormwater Fees:	<a href="https://www.washoecounty.gov/clerks/cco/ordinances/1552.pdf">https://www.washoecounty.gov/clerks/cco/ordinances/1552.pdf</a>		
Land Use:	Monthly Rate	per Equivalent Residential Unit (ERU)	Facility Connection Fees
Single - Family Residential:	\$ 9.31	1 x ERU	\$ 1,285.00
Multi Family Residential:	\$ 9.31	per ERU	\$ 1,285.00 /ERU
Non-Residential Parcel:	\$ 9.31	per ERU	\$ 1,285.00 /ERU

# Appendix B:

## Sewer Rate Sheets

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# Carson City Sewer Rates

DRAFT

# Carson City

## Sewer Rates As Of January 1, 2023

Flat Rates:	Monthly Rate:
Single - Family Residential (per unit)	\$ 44.86
Multi - Family Residential (per unit)	\$ 30.13
Metered Rates:	Monthly Rate:
Low-Strength Commercial	
Base Charge	\$ 44.86
Volume charge (per 1,000 gallons of metered domestic water)	\$ 7.52
High-Strength Commercial	
Base Charge	\$ 44.86
Volume charge (per 1,000 gallons of metered domestic water)	\$ 13.28

Sewer Connection Fees:		Sewer Water Equivalent Residential Value	
		\$	4,729.61
Sewer Connection Fees calculated by <b>Sewer Equivalent Residential Customer (SERC)</b> value; 1 SERC = 200 gallons			
Sewer Rate Classes	SERC		For all other sewer connections not specified above, connection charge will be based on the Sewer Equivalent Residential Customer (SERC) of proposed development. Value will be assigned by utility director or his designee.
Single -family residence,			
Mobile home (individual lot)	1.00	\$	4,729.61
Duplex (each living unit)	0.75	\$	3,547.21
Apartment (each living unit)	0.65	\$	3,074.25
Mobile home (individual lot)	1.00	\$	4,729.61
Mobile park (each pad)	0.65	\$	3,074.25

**Rate Change in the upcoming year?** Yes

Are rates posted on your website: Yes

<https://www.carson.org/home/showpublisheddocument/80899/637921815402600000>

# Churchill County Sewer Rates

DRAFT

## Churchill County

### Sewer Rates As Of January 1, 2023

<b>Flat Sewer Rates:</b>		<b>Monthly Rate:</b>
Single - Family Residential (per unit)		\$ 62.30
<b>Metered Sewer Rates:</b>		<b>Monthly Rate:</b>
Low-Strength Commercial		
Base Charge		\$ 62.30
Volume charge (per 1,000 gallons of metered domestic water when > 10,000 gpm)		\$ 4.25
High-Strength Commercial		
Base Charge		\$ 62.30
Volume charge (per 1,000 gallons of metered domestic water when > 10,000 gpm)		\$ 4.25 plus additional surcharge as determined by Churchill County
<b>Sewer Connection Fees:</b>		
Single Family Residential	Base Rate	\$ 6,500.00
Commercial	Base Rate	\$ 6,500.00
		\$ 350.00 *

\*Commercial customer will pay base rate fee of \$6,500.00 as a minimum charge for up to 15 Equivalent Residential Units (ERU). If number of ERU's exceeds 15, customer will be responsible for an additional amount of \$350.00 per fixture unit. Calculation of ERU and fixture units will be performed using flow formula by Churchill County Building Department.

**Expect Rate Change in the upcoming year?** Yes  
 Are rates posted on your website: Yes  
<http://nv-churchillcounty.civicplus.com/index.aspx?NID=105>

# Douglas County Sewer Rates

DRAFT



## Douglas County

### Sewer Rates As Of January 1, 2023

<b>Residential:</b>	<b>Monthly Rate:</b>	
	\$ 72.08	Per Equivalent Dwelling Unit (EDU). 1 EDU = 250 gallons. See Resolution 2014R-030
* Douglas County does not accept septage at the North Valley Wastewater Facility.		
<b>Monthly Commercial Fixed Operations Rate*:</b>		
<b>Monthly Rate:</b>		
\$ 44.61 See Resolution 2016R-055		
*The monthly commercial fixed operations rate only applies to a non-operating commercial property where water service has been shut-off.		

<b>Sewer Connection Fees</b>		
North County Portion	\$ 7,150.00	
Genoa Lakes	\$ 7,072.00	
All other North Valley Service	\$ 6,020.00	

#### Expect Rate Change in the upcoming year?

Are rates posted on your website:

Yes. We expect a new rate resolution before the board this calendar year

[https://www.douglascountynv.gov/government/departments/public\\_works/sewer\\_utility](https://www.douglascountynv.gov/government/departments/public_works/sewer_utility)

# City of Fallon Sewer Rates

DRAFT

## City of Fallon Sewer Rates

### Sewer Rates As Of January 1, 2023

<b>Flat Rates:</b>	<b>Monthly Rate:</b>
Single - Family Residential (per unit)	\$ 35.00
	\$ 35.00
<b>Metered Rates:</b>	
<b>Commercial Normal</b>	
Base Charge	\$ 11.70
Volume charge (per 1,000 gallons of metered domestic water)	\$ 2.18 per k/gal metered water
<b>High-Strength Commercial</b>	
Base Charge	\$ 11.70
Volume charge (per 1,000 gallons of metered domestic water)	Determined on a case-by-case basis

<b>Sewer Connection Fees:</b>	
3/4"	\$ 3,000
1"	\$ 6,000
1 1/2"	\$ 12,000
2"	\$ 19,200
3"	\$ 48,000
4"	\$ 120,000
6"	\$ 240,000

Do you anticipate rate change in the upcoming year? No

Are rates posted on your website: No

# Gardnerville Ranchos General Improvement District Sewer Rates

DRAFT

## Gardnerville Ranchos General Improvement District

### Sewer Rates As Of January 1, 2023

Category One* :	<b>Monthly Rate:</b>		
Category Two**:	\$	23.00	
	\$	16.00	
Pump Station 1 In-District Service Area:	\$	23.00 per month / EDU	Applies to district customers and annexed into district customers
	\$	5.00 Lift station fee	
	\$	28.00	
Pump Station 1 Out-of-District Customers	\$	36.00 per month / EDU	

\*Billing rate for connections to Sewer System after May 17, 1990.

\*\* Billing rate for connections to Sewer System prior to May 17, 1990.

A rate increase of \$0.50 per month will commence for the July 2014 billing.

### Sewer Connection Fees:

Category I	\$	2,200.00	per Equivalent Dwelling Unit
Category II	\$	6,300.00	
Category I was for people on septic, which is now down to 2 homes.			
Prior to Annex 3/6/2013	\$	6,300.00	per Equivalent Dwelling Unit
UnAnnexed after 3/6/2018	\$	6,300.00	per Equivalent Dwelling Unit
Pump Station 1 Surcharge	\$	1,728.00	

Expect Rate Change in the upcoming year? No

Are rates posted on your website: Yes

<https://www.grgid.com/wp-content/uploads/2018/01/Sewer%20rates.pdf>

The Gardnerville Ranchos GID has a contract with MGSD to accept effluent from the Ranchos. The Ranchos maintains its own sewer mains.

# Gardnerville Water Company Sewer Rates

DRAFT

# Gardnerville Water Company

**Sewer Service Provided by Minden - Gardnerville Sanitation District**

# Indian Hills General Improvement District Sewer Rates

DRAFT



## Indian Hills General Improvement District

### Sewer Rates As Of January 1, 2023

Residential Flat Rate:	EDU	Monthly Rate:	
	1.00	\$ 41.72	per Equivalent Dwelling Unit (EDU) 250 gpd = 1 EDU

Additional charges determined by IHGID if discharge contains non-standard constituents

Sewer Connection Fees:			
Residential & Commercial	EDU	Fee:	
	1	\$ 5,130.00	per Equivalent Dwelling Unit (EDU) 250 gpd = 1 EDU

Commercial sewer connection fees are charged \$5,130 per EDU

Expect Rate Change in the upcoming year? No

Are rates posted on your website: Yes

<http://indianhillsnevada.com/Sewer.shtml>

# Lyon County – Dayton and Moundhouse Sewer Rates

DRAFT

## Lyon County - Dayton/Moundhouse

### Sewer Rates As Of January 1, 2023

#### Moundhouse & Dayton:

<b>Flat Rates:</b>	Monthly	Effective July 1, 2023
Single - Family Residential (per unit)	\$ 78.87	\$ 84.82
Multi Family Residential (per unit)	\$ 71.84	\$ 77.26
Low Income Single - Family Residential	\$ 53.27	\$ 57.29
<b>Metered Rates:</b>		
<b>Commercial &amp; Industrial</b>	Monthly	
Base Charge (No Usage Allowance)	\$ 32.35	\$ 34.79
Volume charge (per 1,000 gallons of metered domestic water)	\$ 5.80	\$ 6.24
<b>High-Strength Commercial</b>	Monthly	
Base Charge	\$ 32.35	\$ 34.79
Volume charge (per 1,000 gallons of metered domestic water)	Case by Case	

<b>Sewer Connection Fees:</b>	
Single Family Residential	
Reimbursement Fee - Collection	\$ 307.00
Bond Payments Fee	\$ 2,200.00
Capital Facility Charge	\$ 7,109.00
Total Sewer Service Connection Fee	\$ 9,616.00

**Do you anticipate rate change in the upcoming year?**

Yes - 7.55%

Are rates posted on your website?

Yes

<https://legistarweb-production.s3.amazonaws.com/uploads/attachment/pdf/472323/Resolution - Rates.pdf>

# Minden Gardnerville Sanitation District Sewer Rates

DRAFT

## Minden Gardnerville Sanitation District

### Sewer Rates As Of January 1, 2023

Sewer User Fees are billed quarterly as follows:

First Quarter:	\$ 41.40	per EDU
Second Quarter:	\$ 41.86	per EDU
Third Quarter:	\$ 42.32	per EDU
Fourth Quarter:	\$ 42.32	per EDU

<b>Connection Fees:</b>	
<b>Residential:</b>	\$ 275.00 includes 1 EDU
<b>Commercial:</b>	\$ 300.00 Dwelling Unit per Equivalent
Capacity fee	\$ 3,800.00 Dwelling Unit

**Expect Rate Change in the upcoming year?** No

**Are rates posted on your website:** Yes

<https://www.mgsdistrict.org/billpayment/>

#### Service Connections:

Residential:	3,178
*Multi-Family:	50
Commercial:	372
Irrigation:	-
***Other:	-

#### \*\*Metered Connections:

**Unmetered Connections:** 3600

#### Re-Use Connections:

**Bill Frequency:** Quarterly

#### Unidentified

**System Losses:** Unknown

**Conservation Plan:** N/A

#### Reason for

**Water Conservation:** N/A

**Rate Increase Effective:** N/A

The Minden-Gardnerville Sanitation District also has a contract with Gardnerville Ranchos GID to provide sewer treatment service to the area. Gardnerville Ranchos GID bills its residents for sewer treatment service.

# Lyon County – Silver Springs General Improvement District Sewer Rates

## Lyon County - Silver Springs

### Sewer Rates As Of January 1, 2023

Monthly Rate:		Effective July 1, 2023
\$ 20.50	per EDU*	\$ 21.50

\*An equivalent dwelling unit (EDU), refers to a one single family dwelling unit with an estimated sewage flow of 242 gpd.

### Sewer Service in Silver Springs provided by Lyon County

Expect Rate Change in the upcoming year? No

Are rates posted on your website: No

**Sewer Connection Fees:** The majority of customers pay connection fee via tax assessment  
However, if the connection fee did not have an assessment, the fee would be \$8,264.00

# Stagecoach General Improvement District Sewer Rates

DRAFT



## Stagecoach General Improvement District

### **Sewer Rates as on January 2023:**

**All the homes in the Stagecoach General Improvement District are on septic systems; therefore, sewer rates are not applicable.**

# Storey County Sewer Rate

DRAFT

## Storey County

### Sewer Rates As Of January 1, 2023

<b>Residential:</b>	<b>Monthly Base Rate:</b>	<b>USDA Loan Repayment</b>	<b>Total Base Rate:</b>
	\$ 18.85	35.61	\$ 54.46
<b>Commercial Sewer Rate:</b>	<b>Monthly Base Rate:</b>	<b>USDA Loan Repayment</b>	<b>Total Base Rate:</b>
Monthly Base Rate:	\$ 29.38	44.53	\$ 73.91
Monthly Usage fee*:	\$ 2.27		

\*Include 2,000 gallons of water usage

<b>Standard Connection Fees with meter</b>	
<b>Residential:</b>	\$ 3,300.00
<b>Commercial:</b>	\$ 4,800.00
<b>Reconnect Fee:</b>	\$ 60.00

**Expect Rate Change in the upcoming year?**

Yes, will increase annually on 7/1 from 2020 to 2023.

**Are rates posted on your website?**

No but on the list to add!

## **AGENDA ITEM #12**

## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #12 –For Possible Action: Approval of Extension to DVCD  
Interlocal Contract #2022-8

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**DISCUSSION:** Due to unexpected delays, Dayton Valley Conservation District (DVCD) has requested an extension to Interlocal Contract #2022-8 to June 30, 2024 to be able to complete the project. This funding will be combined with the funding request for FY 23-24. Attached is a draft addendum directing designated funds to be carried over into FY 23-24 and extending the contract end date to June 30, 2024.

**STAFF RECOMMENDATION:** Approve the Addendum to extend Interlocal Contract #2022-8 through FY 23-24 as presented. .



## Addendum to Interlocal Contract #2022-8 Agreement Between Carson Water Subconservancy District & Dayton Valley Conservation District

WHEREAS, on June 15, 2022, the CARSON WATER SUBCONSERVANCY DISTRICT (hereinafter referred to "CWSD") and DAYTON VALLEY CONSERVATION DISTRICT (hereinafter referred to "DVCD") entered into an Agreement (hereinafter "Interlocal Agreement #2022-8") addressing funding from CWSD to DVCD for Pardere & Ricci Stabilization/Channel Maintenance & Riparian/Bridge Protection (hereafter "Project"); and

WHEREAS, DVCD has determined the Project will require additional time to complete due to unforeseen delays; and

WHEREAS, CWSD has agreed to carryover the initial funding due to Project delays.

NOW, THEREFORE, IT IS AGREED:

1. Due to delays to project DVCD Interlocal Contract #2022-8 shall be extended and shall terminate June 30, 2024, with a carryover of unused funds from fiscal year 2022-23.
2. All other terms of Interlocal Agreement #2022-8 shall remain in full force and effect.

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

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

DAYTON VALLEY  
CONSERVATION DISTRICT

CARSON WATER  
SUBCONSERVANCY DISTRICT

\_\_\_\_\_  
Ty Minor, Chairperson

\_\_\_\_\_  
Michael Workman, Chairperson

## **AGENDA ITEM #13**

## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #13 – For Discussion Only: Staff presentation on the Water Diversions Map for the Carson River

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**DISCUSSION:** As part of the Strategic Planning Session, one of the goals was for staff to develop a Structure Inventory Map. Staff has been working on the inventory map and will present the map at the meeting.

**STAFF RECOMMENDATION:** Receive and file.



**AGENDA ITEM #%**

## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** BOARD OF DIRECTORS

**FROM:** EDWIN D. JAMES

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #14 – For Possible Action: Approval of the Tentative General Fund, Tentative Acquisition/Construction Fund, and Tentative Floodplain Management Fund for Fiscal Year 2023-24 Budgets

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**DISCUSSION:** On February 27, 2023, the CWSD Finance Committee reviewed the proposed Tentative Budgets for FY 2023-24. The committee spent half the day reviewing the proposed budget and listening to funding requests from various entities in the watershed (see attached draft meeting minutes). Based on the discussion at the meeting, attached are the proposed tentative budgets as recommended by the Finance Committee for FY 2023-24 for the General Fund, Acquisition/Construction Fund, and Floodplain Management Fund. [CLICK HERE](#) to link to the projects presented.

Each of the tentative budgets is divided into three columns. The left column shows the proposed budget for FY 2023-24, the center column shows the adopted budget for FY 2022-23, and the right column shows the projected actual income and expenses for FY 2022-23. For the General Fund Tentative Budget, the numbers in blue are grant funds. The draft budget includes transferring \$75,000 to the Acquisition/Construction Fund.

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

The projected income from Ad Valorem taxes is staff's best guess. The actual projected tax figures from the State will not be available until March 25. Since this report from the State comes out after the board meeting, staff is recommending that the State projection for Ad Valorem taxes be inserted before the Tentative Budgets are sent to the State.

*CWSD found out on March 6, that we did receive the NDEP 319 grant for \$147,000. Based on this additional income there are some propose changes to the approved budget by the Finance Committee. All the proposed changes are highlighted in Yellow. Most of the changes reflect funds coming and going out of the grant. Because the grant does cover some of staff's salaries it is being proposed that the car allowance be reinstated and additional funds be transferred to the Floodplain Account.*

**FINANCE COMMITTEE & STAFF RECOMMENDATION:** Approve the FY 2023-24 Tentative Budgets for the Acquisition/Construction Fund and the Floodplain Management Fund as presented; and approve the General Fund with the Department of Taxation Ad Valorem tax figures to be inserted when they become available.

CARSON WATER SUBCONSERVANCY DISTRICT  
FINANCE COMMITTEE MEETING  
February 27, 2023, 8:30am – 12:30pm  
***DRAFT* Meeting Minutes**

**Committee Members Present:**

David Griffith, Alpine County  
Dave Nelson, Douglas County (via Zoom)  
Ernie Schank, Churchill County  
Lisa Schuette, Carson City  
Mike Workman, Lyon County

**Absent Committee Members:**

Jim Hindle, Storey County

**Staff Present:**

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

**Others Present:**

Audrey Bergmann, SNJ (via Zoom)  
Rebecca Feldermann, RW  
Rob Holley, DVCD  
Jena Huntington, USGS  
Kimra McAfee, AWG  
Megan Poff, USGS  
Ben Shawcroft, TCID (via Zoom)  
Christy Sullivan, LCD (via Zoom)  
Jason Welz, USGS  
Rich Wilkinson, CVCD (via Zoom)

The meeting was called to order at 8:31 am by Committee Member Nelson. The meeting was held in the Conference Room of the Carson Water Subconservancy District, 777 E. William St., #209, Carson City, Nevada with a Zoom option available. Roll call determined a quorum of the committee present.

**Item #3 - Public comment:** None

**Item #4 – For Possible Action: Approval of Finance Committee Meeting Minutes of September 2, 2022**

*Committee Member Schank made the motion to approve the minutes of the Finance Committee meeting on September 2, 2022. The motion was seconded by Committee Member Schuette and unanimously approved by the Finance Committee.*

**Item #5 - For Discussion Only - Review the Tentative General Fund FY 2023-24 Budget and hear presentations for proposed projects; review the Tentative Acquisition/Construction Fund FY 2023-24 Budget; and review the Tentative Floodplain Management Fund FY 2023-24 Budget**

Mr. James explained that the committee will need to reach consensus on budget recommendations to be brought to full Board for action at the meeting on March 15, 2023. He presented his proposed budgets and announced we will need to cut \$188,300 today to balance the budget. He noted CWSD is still awaiting funding status from NDEP. Since the funding award has not been announced, the 319 grant is at zero for the proposed budget. The committee may want to consider prioritizing funding cuts to be added back if CWSD receives this additional funding. The cost of PERS has increased significantly this year, from 29.75% to 33.5% or a 3.75% net increase. Carson City protocol is to absorb the cost of increase up to 1.5% and after that the cost is split between Carson City and employees. This would be a 1.125% split. The COLA is at 8% this year. A 1% cut to COLA equals a savings of \$6500. The amount budgeted for wages/salaries does not include Shane Fryer who has announced his retirement, but there is an expense added to Outside Professional Services to provide for a \$45,000 contract for him to complete projects and provide drone training. His position will not be filled during FY 23-24.

Mr. James explained Ad Valorem Taxes increased by 7-8% last year, but the proposed increase is a conservative 4.5% - 6%. The official numbers from the state will not be available

until March 25, which is after the tentative budget deadline. This item is always based on best guess due to the conflicting deadlines.

Mr. James reviewed the continuing, multi-year projects and grants, as well as all the grant expenses that are offset by the grant income. He also noted that it is required by law that there be a minimum 4% of expenses in our ending balance.

There was discussion of suggested cuts which included funding the TCID project from the Flood account (\$50,000) and not transferring money from the General fund to the Flood fund. If Ad Valorem Taxes are higher than projected, those extra funds could go to the Flood fund.

## Presentations of Proposed Projects

### Carson River Projects:

#### Carson Valley Conservation District – Carson Valley River Projects Maintenance & Repairs

Rich Wilkinson, Manager/ Coordinator

CVCD requests funding to repair or modify existing structures which include the Running River Ranch, Cradlebaugh, downstream of the Riverview Bridge and the channel clearing snagging work near the Highway 88 bridge. These projects need additional bioengineering treatments, sediment removal, shaping, and additional rock rip-rap barbs and bank protection. The objectives include utilizing instream materials to replace eroded bank, protecting it with rock riprap and bioengineering techniques. Stabilizing eroding banks and removing excess sand and gravel deposits and minimizing channel migration near the HWY 88 bridge. Adding additional rock riprap stream barbs to ensure bank slope protection and push the thalweg to the center of the river channel near the running river ranch project.

Replace and add additional willow poles, container plants, and reseeding of the Cradlebaugh project. Install and maintain a temporary irrigation system to help germination of container plants and seeding. Purchase temporary water rights from CWSD to allow for legal irrigation for two consecutive seasons for the Cradlebaugh project. **Funding request: \$215,000**

#### Dayton Valley Conservation District – Pradere & Ricci Stabilization/Channel Maint/Bridge Protection

Rob Holley, District Manager

DVCD requests funding to continue project to (1) Increase the capacity of the river channel in the area adjacent to and upstream from frequently flooded areas and eroding stream banks; (2) Stabilize and protect private property, restore actively eroding banks, sequester mercury and minimize its introduction into stream flows, and protect the mature cottonwood gallery in that area from continued loss; (3) Restore the location and function of the US Army Corp's levee in order to protect the Baroni diversion from continued obstruction, to reduce active sediment deposition in the river, and to prevent uncontrolled river flow from entering the Baroni ditch and adjacent private lands; and (4) Restore and protect the capacity of the Dayton Bridge and remove willows, cottonwood trees and sediment at the bridge, below the confluence with Eldorado Canyon, and to a point near and below the bridge. Stabilize eroded banks at the terminus of Eldorado Canyon, left eroded by the 2017 floods. **Funding request: \$100,000**

***Note: Committee Member Schank suggested staff meet with NDOT to discuss bridge issues and the CWSD historical view of problems to see if there could be a coordinated effort in bridge design and construction. All conservation districts have problems with bridges and should request funding from NDOT.***

**Lahontan Conservation District –Clearing & Snagging Carson River**

Christy Sullivan, District Clerk

The project is an ongoing effort to create a river channel that is clear of obstructions/abstraction and provides a free flow at natural choke points. For example, the Highway 50, Highway 95, and Bafford Bridges has historically been clogged by debris during high water flooding events. Obstructions in these locations causes back up and overflow that moves into residential housing areas in both the county and city of Fallon. Locations where sediment caused islands changed the flow, eroded banks, or blocked flows under bridge. Removal of sediment will provide debris/obstructions to flow downstream more freely. This project will prevent and minimize property loss and other damage during flood conditions. Riverbank stabilization after sediment removal will minimize erosion, improve water quality and re-establish native vegetation. Maintaining a clear channel will enable the citizens to utilize the river for recreation. Maintaining an adequate velocity of the river flow prevents stagnant pools from developing where mosquitoes can propagate and create health issues for residents along the course of the Carson River. **Funding request: \$29,500**

**River Wranglers- Conserve the Carson River Workdays**

Rebecca Feldermann, Executive Director

River Wranglers continues to host Conserve the Carson River Workdays (CCRWD) throughout the Carson River watershed and are thrilled to have begun the process of getting back in the classroom and at the river with students. As we continue to navigate the post-pandemic world with the schools, our workday model primarily remains the same but due to new guidelines and restrictions we have been required to sometimes adjust to continue this vital program. As allowed, we continue to go into high school FFA and science classrooms to teach high school students the necessary information and skills so that they in turn can teach elementary students at the river in a combined workday. The high school students are trained in activities that teach children about our watershed, the importance of clean water, the water cycle, and nonpoint source pollution. At the river, they become “mentors” to the younger students, spending the day with them, leading them through the activities. If high school students are unable to participate, we still provide an enriching workday with the assistance of professional volunteers from many of our partners including CWSD, NDEP, CCP&ROS, NDOW, The Nature Conservancy, RCI, and others. In addition to the educational stations, we partner with conservation districts to include river work projects that the students complete together. After workdays, elementary students are visited by River Wranglers staff to do a “wrap-up,” which reinforces the messages they learned at the river. We once again discuss nonpoint source pollution, the geography and features of the watershed, and the importance of the river and watershed to their own lives. We do a pre- and post-test with all involved students to track their increase in knowledge about the watershed and nonpoint source pollution to gauge the effectiveness of our programs. **Funding request: \$30,000**

**Alpine County Watershed Group- Upper Carson River Watershed Programs**

Kimra McAfee, Executive Director

Alpine Watershed Group (AWG) seeks funding for the fiscal year 2023-24 from the Carson Water Subconservancy District for the coordination of its Upper Carson River watershed programs. AWG’s mission is to protect, conserve, and restore the watersheds of Alpine County by promoting sustainable community and science-based collaborative solutions. For 22 years,

AWG has organized volunteers and inspired widespread participation to address water quality monitoring and restoration needs in Alpine County. To further the stewardship of our county's natural resources, our organization has developed diverse partnerships around watershed issues. As the nonprofit environmental organization for the Carson River headwaters our positive impacts extend downstream, where the Carson River flows into Northern Nevada. Through this project, AWG staff will: 1) involve local citizens in watershed stewardship; 2) plan and implement priority watershed monitoring and restoration activities; 3) recruit diverse stakeholders and strengthen community partnerships; and 4) support local watershed education and community outreach. **Funding request: \$30,000**

## **New Projects:**

### **Alpine County Watershed Group- West Fork Carson Prioritization Project (2 Years)**

Kimra McAfee, Executive Director

Alpine Watershed Group (AWG) seeks funding for the fiscal year 2023-24 from Carson Water Subconservancy District to support completion of a geomorphological assessment and sediment transport planning model and development of a project prioritization plan for the West Fork Carson River watershed. The purpose of this project is to identify sediment inputs and prioritize future projects to address such impairments. Addressing sediment concerns will also address other nonpoint source pollutants as other pollutants often travel through watersheds along with sediment. Prioritized projects will restore aquatic ecosystems of the Carson River and its tributaries, starting with the West Fork Carson. These projects have the potential to reduce sediment and other nonpoint source pollutants; have positive impacts on water temperature, pH, and dissolved oxygen; and reduce flood risk. The river carries a lot of sediment and is extremely incised in areas, limiting its access to the floodplain. Vegetation on the banks has been denuded due to erosion and incision causing water quality concerns, habitat and property loss, and risks to infrastructure. Further incision increases the velocity during high-flow and flooding events causing even more erosion and cyclical damages. This planning project will provide baseline data, looking at this section of the upper watershed as a whole. The analysis will help us make informed decisions with the understanding of how our actions will impact upstream and downstream areas in relation to ecosystem impacts as well as how to reduce nonpoint source pollutants.

This funding request would provide required 25% match should AWG receive requested 319 funding from the State Water Resources Control Board. If AWG is not awarded the 319 grant, they will not need this funding from CWSD. **Funding request: \$83,350 over 2 Years**

### **Truckee-Carson Irrigation District – Carson River Diversion Dam**

Ben Shawcroft, General Manager

This project consists of the application of a product, Aqualastic™ to the concrete surfaces of the Carson River Diversion Dam (Dam). The Dam is located approximately five (5) miles downstream of Lahontan Dam in Churchill County, Nevada. Aqualastic™ is a polyurea elastomeric coating that when applied to concrete serves to seal cracks preventing damage to facilities, check undesired flows, and prevent water loss. We have used this product extensively in the Newlands Project and with success on the Truckee Canal. The Dam is a United States Bureau of Reclamation facility constructed in 1906. It serves to divert water released from Lahontan Dam, flowing in the Carson River channel, in one of three (3) ways: 1. Through a series of gates directing continuing flow in the Carson River Channel; 2. Through the headworks



of the V-Line Canal; and 3. Through the headworks of the T-Line Canal. The Dam is a 225-foot long, 31-foot-high concrete control section. In flood operations conducted in 2017, we diverted approximately 3,320 cfs of flow from Lahontan Dam. Then, at the Carson Diversion Dam, we diverted as much as 1,700 cfs. into the V-Line Canal, 1,200 cfs. into the Carson River Channel and approximately 200 cfs into the T-Line Canal. Pivotal to continuing water management of water on the Carson River, is our ability to make diversions through the Diversion Dam. In this application we seek to apply Aqualastic™ to cracks in the concrete of the dam thus encapsulating degraded sections of concrete. As stated previously, the Diversion Dam is very old; and the useful life of its concrete was exceeded long-long ago. While our hope is to replace the Diversion Dam in the future, its use in both regular operations and in flood operation remains absolutely essential. Application of Aqualastic™ will serve to prolong the life of the Diversion Dam -protecting it against potential failure particularly amidst flood operations. Protecting the dam from failure serves, ultimately, to protect all property owners on the Carson River below it from flood waters that could not be controlled. **Funding request: \$50,000**

**Sierra Nevada Journeys – Family Watershed Nights for Carson River WS Communities**

Audrey Bergmann, Advancement Manager

Funding from CWSD will serve over 500 children and their parents in communities within the Carson River Watershed with four community-building and educational events called Family Watershed Nights (FWN). FWNs invite K-8 students, their parents and siblings to attend a fun, family-friendly evening, which provides watershed education at the family level and reinforces STEM concepts in the classroom. Through hands-on activities, participants will gain a sense of ownership and stewardship for the health of their community watershed. Proposed activities include group demonstration with watershed model and various watershed STEM exploration stations. **Funding request: \$3,279.40**

**USGS:**

**USGS Surface Water Monitoring Program in West Central Nevada (2 Years)**

Megan Poff, Data Chief

This funding request is for the continuation of the cooperative monitoring surface-water monitoring program between Carson Water Subconservancy District and the U.S. Geological Survey. Goals and benefits include streamflow information and flow measurements provided at real-time and non-real-time gages in the Carson River Basin define hydrologic conditions throughout the basin, such as sources, sinks, and fluxes of water. Accurate flow data from stream gages provide critical information for water accounting for legal agreements, river and project operations, hazard forecasts, water-quality assessments, and research (such as interaction of water systems; groundwater/surface-water interactions). Surface-water O&M costs include maintaining the stream gaging equipment at 10 gaging stations, real-time monitoring and display of water information, making streamflow measurements, computing streamflow, quality assurance, and data publication and archive in the USGS NWIS (National Water Information System) database. **Funding request: FY 23-24: \$89,603; FY 24-25 \$91,395**

**USGS Carson River Basin Groundwater Levels & Water Quality Monitoring (2 Years)**

Jason Welz, Hydrologist

This request seeks to combine the existing agreements between the U. S. Geological Survey (USGS), Carson Water Subconservancy District (CWSD), and Churchill County for the following

groundwater monitoring projects: Douglas and Lyons Counties, Middle Carson, and Newlands. This collective Carson River basin project is requested to be funded July 1, 2023 - June 30, 2025. While each individual project has unique considerations given the different development and management of groundwater resources of the counties and municipalities in which they lie, the three projects also have the hydrologic relationship of being within the Carson River watershed. The objectives of each project will still be maintained, but the combination will also promote having a watershed perspective on groundwater trends. The goals of this combined agreement would be to: (1) streamline USGS groundwater-level and water-quality data collection efforts in the Carson River basin, (2) provide a single USGS point of contact for the CWSD and Churchill County to more efficiently receive communication on data trends, (3) bring the currently offset timing of three agreements onto the same schedule, and (4) simplify the management of Carson River basin agreements for the CWSD and Churchill County. Collective Project Overview:

1. Groundwater-level observations in 269 wells. Sites will be monitored quarterly (91 wells), biannually (19 wells) and annually (159 wells). The network will be dynamic and adjust to best monitor issues reported to the USGS during the project timeline.
2. The collection of water quality biannually (5 wells) and annually (17 wells).
3. Publish and maintain data online for public use in the USGS National Water Information System database.

**Funding request: FY 23-24: \$44,200; FY 24-25 \$65,000**

**Item #6 - For Possible Action – Make recommendations for the Tentative General Fund, Tentative Acquisition/Construction Fund, and Tentative Floodplain Management Fund FY 2023-24 Budgets**

During a working lunch, Mr. James reviewed the Acquisition/Construction and Floodplain Management Funds with the committee. He reminded the committee there needs to be a cut of \$188,300 from the General Fund. Based on further discussion, the committee proposed the following adjustments to reach that goal:

- Keep COLA at 8%
- Reduce cost of PERS increase using Carson City cost share plan (\$6,100)
- Correct the Churchill County Dixie Valley Monitoring request (-\$2,000)
- Reduce Travel by \$5,000 by suspending the General Manager Car Allowance FY 23-24
- Fund \$50,000 TCID project with Flood Management Fund
- Fund AWG \$83,350 project over 2 years (\$41,695 /year) with Flood Management Fund
- Defer Flood Management Fund building (\$50,000) pending available funds

*Committee Member Schank made a motion that the Finance Committee recommend that the tentative budgets for the FY 23-24 General Fund, Flood Management Fund and the Acquisition/Construction Fund be approved as adjusted above. Committee Member Schuette seconded the motion which was unanimously approved by the Finance Committee.*

**Item #7 - Public comment:** None

The meeting adjourned at 12:30pm.

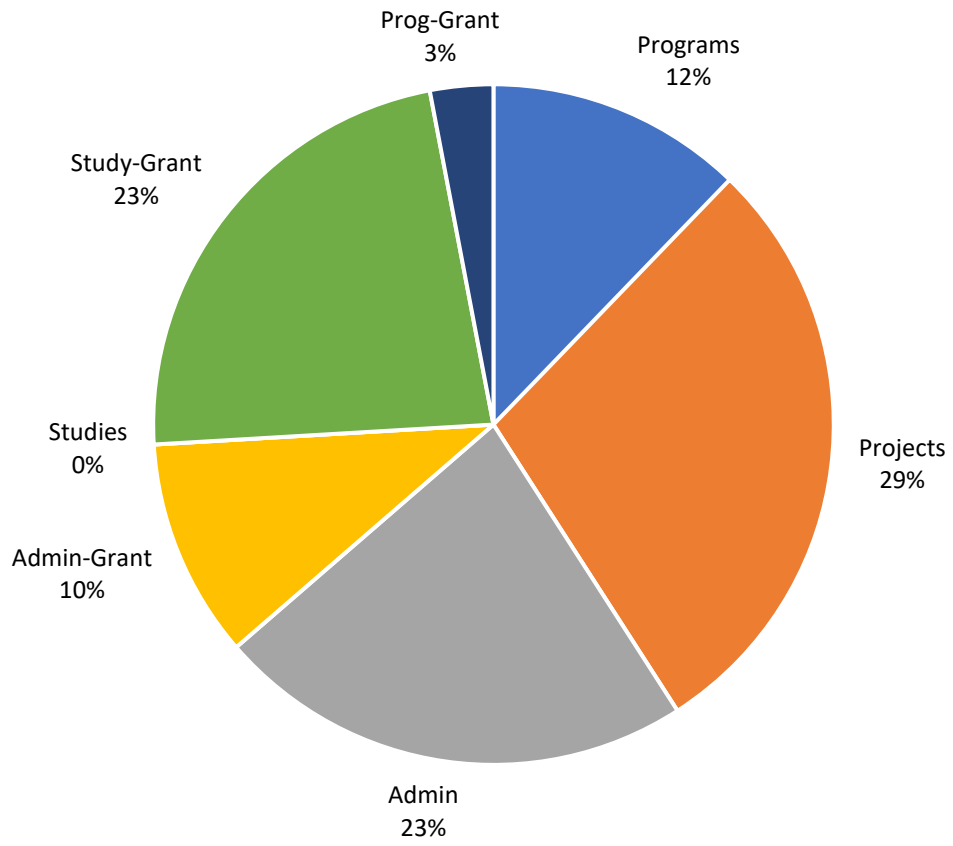
Respectfully submitted,

*Catrina Schambra*

Secretary to the Board



FY 2023-24  
Tentative Budget



# CARSON WATER SUBCONSERVANCY DISTRICT

## Tentative General Fund

	Proposed Tentative Budget	Approved Final Budget	Projected Actual	
	Jul '23 - Jun '24	Jul '22 - Jun '23	Jul '22 - Jun '23	Notes
Income				
5007-00 · Storey County Ad Valorem	17,715.37	16,775.92	16,775.92	5.60%
5008-00 · Alpine County	12,963.53	12,276.07	12,276.07	5.60%
5009-00 · Churchill County Ad Valorem	260,192.21	244,771.60	244,771.60	6.30%
5010-00 · Lyon County Ad Valorem	228,671.90	216,545.36	216,545.36	5.60%
5011-00 · Douglas County Ad Valorem	743,564.37	701,475.82	701,475.82	6.00%
5012-00 · Carson City Ad Valorem	530,053.50	507,228.23	507,228.23	4.50%
5022-00 · Mud Lake Water Lease	58,000.00	58,000.00	58,000.00	
5023-00 · Lost Lake Water Lease	880.00	0.00	0.00	
5031-00 · Interest Income - St Pool Reg	16,967.80	2,110.04	17,300.00	3.00%
5050-13 · Watershed Coord Grant V 2022	0.00	64,677.65	88,730.00	Grant
5050-13 · Watershed Coord Grant VI 2023	111,487.00	0.00	35,513.00	Grant
5050-07 ·CRC Donation	0.00	0.00	0.00	
Aquatic Trail Grant	13,670.00	60,000.00	32,582.00	Grant
NDEM - 30-Year Regional Water Plan	86,782.00	0.00	40,642.00	Grant
5058-04 ·208 Water Quality AG	0.00	18,924.00	38,888.00	Grant
5060-00 · Misc. Income / Watershed Tour	6,000.00	6,000.00	6,000.00	
5082-00 · CASGEM	1,250.00	800.00	2,500.00	Contribution
5083-00 · Alpine Co Mesa GW Study	0.00	800.00	3,716.00	Contribution
6006-00 · FEMA - MAS # 11	0.00	77,629.00	118,060.00	Grant
FEMA MAS 12	157,200.00	582,202.00	527,100.00	Grant
FEMA COMS 1	461,400.00	0.00	283,940.00	Grant
Total Income	2,706,797.68	2,570,215.70	2,952,044.00	
Expense				
ADMINISTRATIVE EXPENSES:				Notes
7015-00 · Salaries & Wages	529,400.00	506,147.00	520,000.00	
7020-00 · Employee Benefits	212,800.00	193,600.00	193,000.00	
7021-00 · Workers Comp Ins.	1,500.00	1,000.00	1,000.00	
7101-00 · Director's Fees	18,000.00	18,000.00	14,000.00	
7102-00 · Insurance	5,400.00	5,400.00	5,067.00	
7103-00 · Office Supplies	4,800.00	3,200.00	4,000.00	
7104-00 · Postage	1,600.00	1,500.00	1,500.00	
7105-00 · Rent	40,972.80	39,300.00	39,286.00	
7106-00 · Telephone	5,300.00	3,500.00	4,500.00	
7107-00 · Travel-transport/meals/lodging	16,000.00	16,000.00	13,000.00	
7108-00 · Dues & Publications	1,600.00	1,200.00	1,200.00	
7109-00 · Miscellaneous Expense	1,000.00	1,000.00	1,000.00	
7110-00 · Seminars & Education	3,500.00	1,700.00	2,600.00	
7111-00 · Office Equipment	6,600.00	6,000.00	6,200.00	Includes copier
7112-00 · Bank Charges	50.00	50.00	50.00	
7115-00 · Accounting	16,800.00	16,800.00	16,800.00	
7116-00 · Legal	30,000.00	30,000.00	30,000.00	
Subtotal-Administrative Expenses	895,322.80	844,397.00	853,203.00	

# CARSON WATER SUBCONSERVANCY DISTRICT

## General Fund

Multi Year, Studies, and Grants	Proposed	Revised	Projected	Notes
	Tentative	Final	Actual	
	Budget	Budget		
PROJECTS:	Jul '23 - Jun '24	Jul '22 - Jun '23	Jul '22 - Jun '23	
7114-00 · Professional Outside Services	70,000.00	30,000.00	30,000.00	\$55,000 Shane
7117-00 · Lost Lakes Expenses	15,000.00	14,700.00	14,700.00	
7118-00 · Mud Lake O & M	1,500.00	1,400.00	1,400.00	
7120-00 · Integrated Watershed Plan		0.00	0.00	
7120-07 · Watershed Tour	1,000.00	7,000.00	1,000.00	
7120-41 Watershed Coord Grant V 2022	0.00	14,373.65	35,579.00	Grant
7120-42 Watershed Coord Match V 2022	0.00	0.00	2,050.00	Grant
7120-?? Watershed Coord Grant VI 2023	57,200.00	0.00	5,000.00	Grant
7120-?? Watershed Coord Match VI 2023	23,550.00	0.00	13,800.00	Grant
7404-00 · Noxious Weeds Control	90,000.00	85,000.00	85,000.00	
7406-00 · 208 Planning - AG Runoff	0.00	2,200.00	4,830.00	Grant
7433-10 · State Park Aquatic Trail	300.00	40,000.00	15,000.00	Grant
7440-00 · FEMA MAS #11	0.00	43,206.00	92,632.00	Grant
7440-00 · FEMA MAS #11 Match (Flood Fund)	7,200.00	7,200.00	7,200.00	
7441-00 · FEMA MAS #12	126,400.00	541,300.00	491,465.00	Grant
7442-00 · FEMA COMS #1	432,700.00	0.00	244,000.00	Grant
7500-00 · USGS Stream Gage Contracts	0.00	81,089.00	81,089.00	
7508-03 · USGS Do. Co. & Lyon Co GW Collection	0.00	17,580.00	17,580.00	
7524-01 · USGS GW level & WQ Churchill Co.	0.00	4,921.33	4,921.33	
7526-01 · USGS Middle Carson Groundwater	0.00	15,250.00	15,250.00	
7529-01 · USGS Water Resources 2022-2024	0.00	44,375.00	44,375.00	
NDEM - 30-Year Regional Water Plan	60,000.00	0.00	25,000.00	Grant
7610-10 · Douglas Co Regional Pipeline	125,000.00	125,000.00	125,000.00	
7620-11 · Regional Pipeline Payment to CC	125,000.00	125,000.00	125,000.00	
Subtotal Multi Year & On-going Projects	1,134,850.00	1,199,594.98	1,481,871.33	

## Counties and River Projects

	Notes		
7215-00 · Sierra NV Journeys - Family Night	See Proposal	0.00	
7332-00 · Carson River Work Days	See Proposal	30,000.00	30,000.00
7337-00 · Carson River Restoration			
7337-26 · CVCD West Fork Bank Stab 2021-22	See Proposal	210,000.00	210,000.00
7337-34 · DVCD Bank Stab & Dayton Bridge	See Proposal	163,000.00	163,000.00
7337-04 · LCD Clearing & Sand Bar Removal	See Proposal	27,000.00	27,000.00
7600-05 · Alpine Co. Watershed Group.	See Proposal	30,000.00	30,000.00
7600-09 · CASGEM	5.00	5.00	5.00
7600-10 · Mesa GW Measurement Project	0.00	2.00	83.47
7630-12 · HWY 50 ROW (Cap)	90,000.00	100,000.00	10,000.00
7640-20 · Lahontan Valley WTR Level 2021-2024	15,000.00	14,500.00	14,500.00
7640-18 · Dixie Valley WTR Level measurement	23,000.00	23,000.00	23,000.00
TNC Riparian Reveg & bank Stabilization	0.00	25,142.00	25,142.00
Subtotal Carson River Projects	128,005.00	622,649.00	532,730.47

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## CARSON WATER SUBCONSERVANCY DISTRICT General Fund

### New Projects

	Recommendation		
	Fin Committee		Notes
7500-00 - USGS Stream Gage Contracts	\$ 89,603		
750?- - USGS GW Level & WQ	\$ 44,200		
TCID Carson River diversion Dam Repairs	\$ -	Moved to Flood Account	
Sierra Nevada	\$ 3,279		
7332-00 - Carson River Work Days	\$ 30,000		
7337-26 - CVCD Carson River repairs	\$ 215,000		
7337-34 - DVCD Bank Stab & Dayton Bridge	\$ 100,000		
7337-04 - LCD Clearing & Sand Bar Removal	\$ 29,500		
7600-05 - Alpine Co. Watershed Group.	\$ 30,000		
Alpine Co Geomorphological Assessment	\$ -	Moved to Flood Account	
<b>Total Expenses for New Projects</b>	<b>541,582.40</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Expenditures</b>	<b>2,699,760.20</b>	<b>2,666,640.98</b>	<b>2,867,804.80</b>
<b>Net Ordinary Income</b>	<b>7,037.48</b>	<b>-96,425.28</b>	<b>84,239.20</b>
<b>Other Income/ Other Income</b>			
Beginning Equity	565,593.20	703,347.45	650,954.00
Transfer from Floodplain Mgt to Gen Fd.	7,200.00	7,200.00	7,200.00
Transfer from Acqu/Const. Fd to Gen Fd.	90,000.00	100,000.00	10,000.00
	662,793.20	810,547.45	668,154.00
<b>Total Other Inc/ Other Expenses</b>			
8008-00 - Preliminary Planning	400,000.00	400,000.00	0.00
Transfer from Gen. Fd. to Floodplain Fd.	70,000.00	51,800.00	51,800.00
Transfer from Gen. Fd. to Acqu./Const. Fd.	75,000.00	135,000.00	135,000.00
<b>Total Other Expenses</b>	<b>545,000.00</b>	<b>586,800.00</b>	<b>186,800.00</b>
<b>Net Other Income</b>	<b>117,793.20</b>	<b>223,747.45</b>	<b>481,354.00</b>
<b>ENDING BALANCE</b>	<b>124,830.69</b>	<b>127,322.17</b>	<b>565,593.20</b>

\* Based on the 2021-22 Audit  
4 percent of expenditures

\$ 123,990.41

**CARSON WATER SUBCONSERVANCY DISTRICT  
FLOODPLAIN MANAGEMENT FUND  
Fiscal Year 2023-24 Tentative Budget**

FLOODPLAIN MANAGEMENT FUND	Proposed Tentative Budget	Adopted Final Budget	Projected Actual	Notes
	Jul '23- Jun '24	Jul '22- Jun '23	Jul '22- Jun '23	
<b>Ordinary Income/Expense</b>				
Income				
5032-01 · Interest Inc - Inv. Pool	11,613.60	918.60	6,430.00	3.00%
Net Income		918.60	1,000.00	
Other Income				
8000-01 · Beginning Balance	387,120.00	306,200.00	341,520.00	
8001-01 · Transfer In-General Fund	70,000.00	51,800.00	51,800.00	
Net Other Funds	457,120.00	358,000.00	393,320.00	
 Total Available Funds	 457,120.00	 358,918.60	 394,320.00	
 Expense				
TCID Diversion Flood Project	50,000.00			
Alpine County Geomorphological Study	83,350.00			
7203-03 Floodplain Planning	250,000.00	300,000.00	0.00	
	0.00	0.00	0.00	
Net Expenses	383,350.00	300,000.00	0.00	
Transfers out-General Fund				
Web Access Hosting data	7,200.00	7,200.00	7,200.00	
Net Transfers Out-General Fund	7,200.00	7,200.00	7,200.00	
Total Expense	390,550.00	307,200.00	7,200.00	
 Ending Balance	 66,570.00	 51,718.60	 387,120.00	

**CARSON WATER SUBCONSERVANCY DISTRICT  
ACQUISITION/CONSTRUCTION FUND  
2023-24 TentativeFinal Budget**

	Proposed Tentative Budget	Approved Final Budget	Projected Actual
<b>ACQUISITION/CONSTRUCTION FUND</b>	<b>Jul '23 - Jun '24</b>	<b>Jul '22 - Jun '23</b>	<b>Jul '22 - Jun '23</b>
<b>Ordinary Income/Expense</b>			
Income			
5032-01 - Interest Inc - Inv. Pool	35,446.32	2,971.24	19,400.00
<b>Net Income</b>		2,971.24	19,400.00
Other Income			
Beginning Equity	1,181,544.00	990,413.00	1,037,144.00
Transfer In- General Fund	75,000.00	135,000.00	135,000.00
<b>Net Other Funds</b>	1,256,544.00	1,125,413.00	1,172,144.00
<b>Total Available funds</b>	1,256,544.00	1,128,384.24	1,191,544.00
<b>Expense</b>			
Construction Projects	1,100,000.00	990,413.00	0.00
<b>Net Expenses</b>	1,100,000.00	990,413.00	0.00
Transfers Out to General Fund			
Right-A-Way Lyon County Utility to Silver Springs	90,000.00	100,000.00	10,000.00
<b>Net Transfers Out to General Fund</b>	<b>100,000.00</b>	<b>100,000.00</b>	<b>10,000.00</b>
<b>Total Expenses</b>	1,200,000.00	1,090,413.00	10,000.00
<b>Ending Balance</b>	56,544.00	37,971.24	1,181,544.00

## **AGENDA ITEM #15**

## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #15 – For Possible Action Approval Lumos Contract #2023-1 for 30-Year Regional Drought & Water Sustainability Plan not to exceed \$165,000 and authorize the General Manager to execute change orders up to 10% of the contract amount

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**DISCUSSION:** Attached is the proposed draft agreement with Lumos, Inc. to conduct to 30-Year Regional Drought & Water Sustainability Plan. Funding for this project will be paid for through a grant from Nevada Department of Emergency Management (NDEM). The select committee reviewed the various proposals and recommended hiring Lumos for this project.

**STAFF RECOMMENDATION:** Approve Lumos Contract #2023-1 for 30-Year Regional Drought & Water Sustainability Plan not to exceed \$165,000 and authorize the General Manager to execute change orders up to 10% of the contract amount if funding is available in the grant from NDEM as presented.





**DRAFT**

# Agreement

Carson Water Subconservancy District (hereinafter "CWSD") and Lumos & Associates, Inc. (hereinafter "Lumos") hereby enter into an agreement whereby Lumos will complete 30-Year Regional Drought & Water Sustainability Plan in accordance with and subject to the following terms and conditions:

1) **ASSIGNMENT**

Lumos's assignment shall relate to the following product(s) or service(s):

Complete 30-Year Regional Drought & Water Sustainability Plan, which is further identified and described in Exhibits A & B. The compensation paid to Lumos for 30-Year Regional Drought & Water Sustainability Plan will not exceed \$165,000.

2) **INDEMNITIES**

- (a) To the fullest extent permitted by law Lumos shall indemnify, hold harmless and defend, not excluding the CWSD's right to participate, the CWSD from and against all liability, claims, actions, damages, losses, and expenses, including, without limitation, reasonable attorneys' fees and costs, arising out of any alleged negligent or willful acts or omissions of Lumos, its officers, employees and agents.
- (b) CWSD will indemnify and hold Lumos harmless with respect to any claims or actions instituted by third parties which result from the use by Lumos of material furnished by CWSD or where material created by Lumos is substantially changed by CWSD. Information or data obtained by Lumos from CWSD to substantiate claims made in advertising shall be deemed to be "materials furnished by CWSD."
- (c) In the event of any proceeding against CWSD by any regulatory agency or in the event of any court action or self-regulatory action challenging any advertising prepared by Lumos, Lumos shall assist in the preparation of the defense of such action or proceeding and cooperate with CWSD and CWSD's attorneys. CWSD will reimburse Lumos any out-of-pocket costs Lumos may incur in connection with any such action or proceeding.
- (d) Neither party waives any right or defense to indemnification that may exist in law or equity.

3) **INSURANCE**

Unless otherwise required in this Agreement, the CWSD and Lumos shall, during the performance of the services as provided herein, maintain insurance of the types and amounts specified, and with insurers satisfactory to the other party as follows:

- a) Comprehensive General Liability including \$1,000,000 per occurrence for bodily injury and property damage; \$1,000,000 Products/Completed Operations Aggregate; \$2,000,000 General Aggregate over all interests.
- b) Comprehensive Automobile Liability including coverage for owned, non-owned, and hired vehicles: \$1,000,000 Bodily Injury, \$1,000,000 Property Damage.
- c) Lumos shall name CWSD as an additional insured and deliver a certificate to CWSD.

4) **TERM OF AGREEMENT**

- a) The term of this Agreement will commence on the date of the last signature executed hereon and will continue in full force and effect until **9/30/2025**, unless extended by written agreement of the parties.
- b) Lumos will submit monthly invoices with a description of activities preformed.
- c) In the event of termination of this Agreement, the rights, duties, and responsibilities of Lumos shall continue in full force during the period of notice.
- d) If circumstances arise that require a time extension to complete the project, the CWSD Board grants the General Manager authority to do so in a written notice to Lumos.

5) **PERFORMANCE**

Should Lumos fail to perform any of the services provided for in Exhibit "A", CWSD shall notify Lumos of such non-performance and allow thirty (30) days for Lumos to remedy the performance. If the performance



has not been satisfied within thirty days, CWSD may withhold payment only for the services not performed in accordance with this Agreement.

6) **SUPPLEMENTS TO AGREEMENT**

The following Exhibits are an integral part of this Agreement:

- (a) Exhibit A: Lumos Business Plan (b) Exhibit B: Project Budget

7) **INDEPENDENT CONTRACTOR**

Lumos 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.

8) **OWNERSHIP**

Any reports, histories, studies, tests, manuals, instructions, photographs, negatives, blue prints, plans, maps, data, system designs, computer code (which are intended to be considered under this Agreement), or any other documents or drawings, prepared, or in the course of preparation, by Lumos (or its subcontractors) in performance of its obligations under this Agreement shall be the exclusive property of CWSD and all such materials shall be delivered into CWSD's possession by Lumos upon completion, termination, or cancellation of this Agreement. Lumos shall not use, willingly allow, or cause to have such materials used for any purpose other than performance of Lumos's obligations under this Agreement without the prior written consent of CWSD.

9) **AGREEMENT TERMINATION**

- (a) Termination Without Cause. Any discretionary or vested right of renewal notwithstanding, this Agreement may be terminated upon written notice by mutual consent of both parties or unilaterally by either party without cause.
- (b) Cause Termination for Default or Breach. A default or breach may be declared with or without termination. This Agreement may be terminated by either party upon written notice of default or breach to the other party as follows:
- (1) If Lumos fails to provide or satisfactorily perform any of the conditions, work, deliverables, goods, or services called for by this Agreement within the time requirements specified in this Agreement or within any granted extension of those time requirements; or
  - (2) If any State, county, city, or federal license, authorization, waiver, permit, qualification or certification required by statute, ordinance, law, or regulation to be held by Lumos to provide the goods or services required by this Agreement is for any reason denied, revoked, debarred, excluded, terminated, suspended, lapsed, or not renewed; or
  - (3) If Lumos becomes insolvent, subject to receivership, or becomes voluntarily or involuntarily subject to the jurisdiction of the bankruptcy court; or
  - (4) If CWSD materially breaches any material duty under this Agreement and any such breach impairs Lumos's ability to perform; or
- (c) Time to Correct. Termination upon declared default or breach may be exercised only after service of formal written notice and the subsequent failure of the defaulting party within thirty (30) calendar days of receipt of that notice to provide evidence, satisfactory to the aggrieved party, showing that the declared default or breach has been corrected.
- (d) Winding Up Affairs Upon Termination. In the event of termination of this Agreement for any reason, the parties agree that the provisions of this Section survive termination:
- (1) The parties shall account for and properly present to each other all claims for fees and expenses and pay those which are undisputed and otherwise not subject to set off under this Agreement. Neither party may withhold performance of winding up provisions solely based on nonpayment of fees or expenses accrued up to the time of termination;
  - (2) Lumos shall satisfactorily complete work in progress at the agreed rate (or a pro rata basis if necessary) if so requested by the CWSD;



- (3) Lumos shall execute any documents and take any actions necessary to effectuate an assignment of this Agreement if so requested by the CWSD; and
- (4) Lumos shall preserve, protect, and promptly deliver into CWSD possession all information in accordance with Section 8, Ownership.

10) **RIGHTS UPON TERMINATION**

Upon termination of this Agreement, Lumos shall transfer, assign and make available to CWSD or CWSD's representative, all property and materials in their possession or control belonging to and paid for by CWSD, subject, however, to any rights of third parties of which Lumos has informed CWSD.

11) **BREACH REMEDIES**

Failure of either party to perform any obligation of this Agreement shall be deemed a breach. Except as otherwise provided for by law or this Agreement, the rights and remedies of the parties shall not be exclusive and are in addition to any other rights and remedies provided by law or equity, including but not limited to actual damages. If the court awards reasonable attorney's fees to the prevailing party, in an amount to be determined by the Court.

The parties acknowledge or agree that the contract was written and agreed by both parties.

Prior to the initiation of any litigation the parties agree to mediate.

12) **PUBLIC RECORDS**

Pursuant to NRS 239.010, information or documents received from Lumos may be open to public inspection and copying. CWSD has a legal obligation to disclose such information unless a particular record is made confidential by law. Lumos may label specific parts of an individual document as a "trade secret" or "confidential" in accordance with NRS 333.333, provided that Lumos thereby agrees to indemnify and defend CWSD for honoring such a designation. The failure to so label any document that is released by CWSD shall constitute a complete waiver of any and all claims for damages caused by any release of the records.

13) **NOTICES**

Any notice pursuant to this Agreement will be addressed to the following parties:

Attn.: Edwin James  
Carson Watershed Subconservancy District  
777 E William Street, Suite 209  
Carson City, NV 89701

Attn.: Tim Russell  
Lumos & Associates, Inc.  
308 N. Curry Street, Suite 200  
Carson City, NV 89703

14) **FORCE MAJEURE**

Neither party shall be held responsible for any delay or failure in performance of any part of this Agreement to the extent such delay or failure is caused by fire, flood, explosion, war, embargo, government requirement, civil or military authority, act of God, pandemic, or other similar causes beyond its control and without the fault or negligence of the delayed or non-performing party. The affected party will notify the other party in writing within ten (10) days after the beginning of any such cause that would affect its performance. Notwithstanding, if a party's performance is delayed for a period exceeding thirty (30) days from the date the other party receives notice under this paragraph, the non-affected party will have the right, without any liability to the other party, to terminate this agreement.

15) **HEADINGS**

Headings in this Agreement are for convenience only and are not intended to be used in interpreting or construing the terms, covenants, and conditions of this Agreement.

16) **ENTIRE AGREEMENT**

This Agreement constitutes the whole agreement between the parties with respect to the

subject matter contained herein, and there are no terms other than those contained herein. No modification or amendment of this Agreement shall be valid unless in writing and signed by the parties hereto.

17) **SEVERABILITY**

Each provision of this Agreement shall be considered separable and if for any reason any provision or provisions herein are determined to be invalid, unenforceable, or illegal under any existing or future law, such invalidity, unenforceability or illegality shall not impair the operation of or affect those portions of this Letter that are valid, enforceable and legal.

18) **GOVERNING LAW**

This Agreement shall be interpreted in accordance with the laws of the State of Nevada pertaining to contracts made and performed entirely therein. If the above accords with the parties' understanding and agreement, kindly indicate consent hereto by signing in the place provided below.

Accepted and agreed on behalf of:  
**Carson Water Subconservancy District**

Accepted and agreed on behalf of:  
**Lumos & Associates, Inc.**

*Signature* *Date*  
Edwin D. James  
General Manager

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Tim Russell  
Principle

February 24, 2023

LA22.022

Mr. Ed James, General Manager  
Carson Water Subconservancy District  
777 E. William Street, Suite 209  
Carson City, NV 89701  
Via Email: [edjames@cwdsd.org](mailto:edjames@cwdsd.org)

## Exhibit A: Business Plan

### **Re: Proposal for Professional Services – CWSD 30-Year Regional Drought and Water Sustainability Plan**

Dear Mr. James,

Lumos & Associates, Inc. (Lumos), appreciates the opportunity to submit this proposal to provide professional planning, engineering, water rights, and other related services to support the Carson Water Subconservancy District (CWSD) with the Carson River Watershed 30-Year Regional Drought and Water Sustainability Plan.

#### **Project Understanding**

The proposed project is to assist the CWSD with the development of a Carson River Watershed 30-Year Regional Drought and Water Sustainability Plan. This plan will be a tool to enhance the reliability of water within the entire watershed. The study/plan/strategy development will explore partnerships and the feasibility of exchanging water amongst the various stakeholders along the River. Lumos has developed the following scope based upon feedback from CWSD and the USGS.

#### **Project Business Plan**

##### **Task 1 – Project Management and Administration**

Under this task, Lumos will:

- Develop and update monthly project progress reports
- Submit monthly invoices
- Provide overall coordination between our subconsultants, the Lumos team, and CWSD for the duration of the project.
- Project duration is assumed to be 28-30 months.

Task Deliverables: monthly summaries and invoicing.

##### **Task 2 – Communication and Outreach**

Under this task, Lumos will assist CWSD in the following tasks:

- Attend and participate in meetings to inform and obtain input from water system stakeholders along the Carson River. Specific Lumos attended meeting list is provided below.

- Participants will include, but won't be limited to, State Engineer's Office, Federal Water Master, public utilities along the Carson River, ranchers, TCID, Bureau of Reclamation, and USGS.
- Assumed that CWSD will generate agenda's with the meetings based on input from Lumos.
- Lumos attended meetings are:
  - 12 water purveyors meetings
  - 4 regional meetings
  - 2 CRC meeting
  - 1 CWSD meeting.
- Other meetings conducted by CWSD (not included in Lumos scope)
  - Presentations to counties and water purveyors boards and agriculture groups.

Task Deliverables: meeting minutes

### **Task 3 – Data Gathering and Analysis**

Under this task, Lumos will assist CWSD to gather the required data from the 13 water purveyors within the watershed, will analyze the available data, and will develop a summary of the findings from that analysis to assist with providing data to USGS for their modeling efforts. This task will include:

- As a first step, Lumos will provide a data request list to CWSD to obtain the necessary data from each of the water purveyors associated with this plan.
- Reviewing existing and future water demands/usage for each water purveyor and identify potential issues
  - Future growth areas within the River Basin will be identified in accordance with the applicable Master Plans for each community/County. A 30-year planning period will be used, and growth rates (assumed use of State Department of Finance's Demographer data and projected growth rates unless other data/rates are made available and requested by the utility) will project the increased water demands from both residential and commercial growth.
  - We are assuming that each water system will provide their last 5 years of well pumping meter data and customer water usage data for evaluation of current trends and for use as a starting point in the development of the 30-year demand/growth estimates.
  - Based upon a water rights summary of the water rights utilized or owned by each water system (both surface and ground water rights) which is anticipated to be provided by each water system, the Lumos team will compare the available water rights to the estimated future water needs and the actual recharge within the hydrographic basins as published by USGS or as directed by CWSD, to determine if

there are any water right shortfalls for each water purveyor through the planning period.

- Reviewing existing and future water sources and locations for each water purveyor.
  - Demand growth will be assigned to areas where residential and commercial growth is anticipated based on the zoning/master plans as noted above. Areas of growth are anticipated to be where new wells will be required or as an alternative, new transmission mains serviced by wells located elsewhere. The location of the wells based solely on demand needs or increased pumping from existing wells will be coordinated with USGS as part of their modeling efforts.

If new wells are not viable based on historic information or USGS modeling, primary water transmission main corridors will be identified based on existing right of way or easements for areas where future extension of the water system is necessary. Preliminary transmission main sizing will be provided based solely on conceptual flow rates to be served by the main that will be generated based on the growth projections determined above. Water system sizing, infrastructure upgrades, and system layout outside of the transmission main is not part of this scope of work. Siting of storage facilities is also not included in this scope. The identification of storage needs will also not be evaluated in this scope as that will be a system specific component.

The location of water supply facilities within the River Basin will dictate the conceptual layout of regional booster stations, piping, and other facilities, and will be a key component to the Sustainability Master Planning process.

- Reviewing existing and future water demands/usage for each water purveyor and identify potential issues
  - Based upon water quality data from existing wells or water quality trends provided by each water system, the Lumos team will evaluate whether water quality challenges may arise due to an increase in pumping in certain areas of the River Basin. No additional data gathering will be completed with this effort, and no treatment alternatives are included except in so far as it will be necessary to identify the feasibility of water sources that do not meet federal and state quality standards.
- Analyze existing and future sustainable water supplies throughout the watershed.
  - Lumos assumes that the USGS modeling will analyze existing and future sustainable water supplies within the watershed. Lumos will provide USGS with potential well locations for inclusion in their model (based upon an evaluation of the demand growth, water right availability, and water quality information obtained from each purveyor and analyzed by the Lumos Team). Well location determination will not evaluate potential well sites based on ownership, power supply, infrastructure availability or other factors other than supply need in a potential area.



- The consultant will identify community's risks caused by droughts.
  - Based upon the existing water rights, existing supply, estimated future water demands, vulnerability of the existing supply to drought conditions, and the availability of emergency interties, Lumos will evaluate each community's risk caused by drought.

Task Deliverables for Each System:

- Tabulation of available data on existing demand, production, water rights, and water quality
- tabulation of growth projections and related water availability shortfalls due to a lack of production, water rights, or suitable water quality.
- Potential well locations to be provided to USGS based on supply needs.
- Potential transmission main routing/sizing between water systems (or within a water system to services a specific growth area).
- Evaluation of drought risk based on available supplies and emergency interties

**Optional Additional Work not included in the base scope:**

- a. Water utility specific review of individual system deficiencies for transmission, storage, supply, age, and fire flow can be prepared. The individual system water models will be utilized to analyze various alternatives for line location, line sizing, supply location, storage tank location, etc. This would include siting of potential improvements such as storage tanks based on system pressure needs.
- b. Evaluation of additional or blended growth models beyond the department of finance's growth projections. This can included variable rates between land uses (e.g. commercial and residential), and hybrid rates.
- c. The selection of the supply locations will be critical as the availability of power, access, and connectivity to the system will need to be evaluated over and above the USGS analysis for groundwater impacts. If desired, Lumos will evaluate potential supply locations based upon the above criteria for each system. The individual system water models will be utilized to analyze various alternatives for line location, line sizing, supply location, storage tank location, etc.
- d. Treatment alternatives for water resources that may not presently meet water quality standards can be evaluated at a conceptual level with considerations for capital cost, long term O&M costs, and efficacy.



#### **Task 4 – Drought and Water Sustainability Plan**

Under this task, Lumos will assist CWSD to develop the Carson River Watershed 30-Year Regional Drought and Water Sustainability Plan based on the results of the activities performed under Tasks 2 and 3.

- Lumos will utilize the USGS model results and develop a water resource plan for Carson River Watershed. The analysis will evaluate if future pumping impacts surface flows and downstream users. CWSD and Lumos will meet with the Planning Team and stakeholders to get their input on the plan.
- Lumos will prepare a Regional Drought and Water Sustainability Report. The plan will include:
  - Identify possible water shortages and what facilities are needed to meet the future water demands (i.e., interties, conjunctive use, conservation, etc.). (data from Task 3)
  - Identify possible surface and groundwater impacts. (USGS to provide this)
  - Identify possible water quality constraints (data from Task 3)
  - If a community water demand exceeds water supply, Lumos will identify potential water shortages and what infrastructure is needed to meet the demands.
  - Summarize model run data developed and provided by USGS including climate/drought scenarios.

Task Deliverables: Prepare a 30-year regional drought and water sustainability report.

#### **Assumptions / Exceptions**

Lumos has made the following assumptions in preparation of this proposal:

- CWSD will facilitate scheduling of meetings
- CWSD will run the meetings with the exception of presentations
- USGS will provide climate analysis and modeling runs. CWSD will review modeling for Alpine Decree consistency.
- Water purveyors will be able to supply their existing water models to Lumos for use in analyzing water production/needs/routing/etc.
- Water purveyors will be able to supply the following: well production meter data, well water quality data, customer meter data, water rights, existing system mapping (GIS/PDF/CAD).

#### **Fees**

The tasks described in the Business Plan will be completed for the following fees:

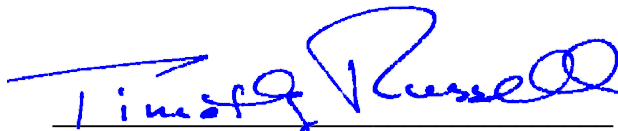
Task	Description	Fee
Task 1	Project Management and Administration	\$ 10,600
Task 2	Communication and Outreach	\$ 30,200
Task 3	Data Gathering and Analysis	\$ 65,100
Task 4	Drought and Sustainability Plan	\$ 59,100
Total		\$ 165,000

Tasks 1 through 4 are lump sum. Lumos will be happy to amend this proposal as necessary to include services not included or to amend the proposed services to better match the scope of services required.

If this proposal is acceptable, please provide your typical contract. Lumos will send monthly progress billings on this project.

Thank you again for allowing Lumos to provide you with this proposal. Please do not hesitate to call Tim or myself if you have questions or concerns as we would happy to discuss them with you.

Sincerely,



Tim Russell, P.E., VRS  
Director – Engineering Division



Jonathan Lesperance, P.E.  
Group Manager – Engineering Division

## Exhibit B: Project Budget



## CWSD Drought and Sustainability Plan

[illegible]

**AGENDA ITEM #%**

## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #16 –For Discussion Only: Update on Upcoming CWSD Events

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**DISCUSSION:** Staff will give an update on the *Watershed Forum* in April, *Get on the Bus Tour* in June, and possible river trips down the Carson River.

**STAFF RECOMMENDATION:** Receive and file.

**AGENDA ITEM #%**

# CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #17 – For Possible Action: Update on NV Legislation

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**DISCUSSION:** This year's Nevada Legislation Session has several more water bills than anyone thought two months ago. There are many bills that do not impact CWSD directly and staff is just watching to make sure there are not any major changes to those bills. There are other bills staff is monitoring and is actively involved in the bill's hearings. Below is a list of bills (and links for complete information) with proposed action:

## **Water Bills:**

[AB 19 – Enables Tribes to receive Channel Clearance funds](#) – Support

[AB 20 – Clean Water State Revolving Fund](#) - Watch

[AB 34 – State Engineer Publication Changes](#) – Watch

[AB 90 – Modifications to State Engineer Temporary changes filings](#) - Monitor

[AB 91 - Replacing wells on public lands](#) – Watch

[AB 186 – Prohibit providing drinking unless requested](#) – Watch

[AB 191 - Defined “supplier of water “ greater than 3 AF/yr](#) – Watch

[SB 99 – Funding for Cloud Seeding Program](#) – Watch

[SB 102 – Funding to develop water resource plans](#) – Monitor/Support

[SB 112 – Funding in the basin funds](#) – Monitor

[SB 113 – Critical management areas](#) – Monitor

[SB 176 – Create funding to purchase and retired water rights](#) – Monitor

[SB 180 – Allow local governments to create groundwater boards](#) – Monitor

## **Soil Health/Pesticide:**

[AB 109- Establish a Soil Health Advisory Board & Initiative](#) – Support

[SB 13 – Clarifying pest control for governmental agencies](#) - Monitor

## **Open Meeting Law -**

[AB 52 – Clarifying language to Open Meeting law](#) - Watch

**STAFF RECOMMENDATION:** Provide direction to staff.

**AGENDA ITEM #%**



## CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** Board of Directors

**FROM:** Edwin James

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #18 – For Discussion Only: Overview of the Water Picture for the Carson River Watershed

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**DISCUSSION:** Staff will give an update on the water year.

**STAFF RECOMMENDATION:** Receive and file.

## **STAFF REPORTS**

# CARSON WATER SUBCONSERVANCY DISTRICT

**TO:** BOARD OF DIRECTORS

**FROM:** EDWIN D. JAMES

**DATE:** March 15, 2023

**SUBJECT:** Agenda Item #19 - For Information Only: Staff Report

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**DISCUSSION:** The following is a list of meetings/activities attended by Ed James and staff since the last Board meeting on February 15, 2023:

- 2/16/23 - Debbie attended FEMA GO training webinar
- 2/16/20 - Debbie & Max attended Stagecoach ADMP Open House Coordination meeting
- 2/17/23 - Brenda, Shane & Kelly attended Grant Writing Workshop hosted by AmeriCorps
- 2/22/23 - Brenda, Shane, Debbie, Catrina & Kelly host CRC EWG quarterly meeting
- 2/22/23 - Ed & Debbie attended Virginia City/Six Mile Canyon ADMP meeting
- 2/22/23 - Ed, Debbie & Max attended Stagecoach ADMP Open House Public Meeting
- 2/27/23 - Ed & Catrina hosted Finance Committee meeting
- 2/27/23 - Brenda spoke with Andy Bain, EPA re: CR Mercury Superfund Interim Plan
- 2/27/23 - Shane attended Western NV Early Detection Rapid Response meeting
- 2/28/23 - Ed attended BLM meeting re: Right of Way along HWY 50, Lyon County
- 2/28/23 - Brenda spoke with Arianna Bennet, KTNV Channel 2 News, re: Carson River Mercury Superfund coverage
- 2/28/23 - Ed, Debbie & Max met with Kimley-Horn to discuss Carson City ADMP & North Silver Springs ADMP projects
- 2/28/23 - Ed attended NV Legislature re: SB113
- 3/1/23 - Max attended NWRA Board of Trustees meeting
- 3/1/23 - Ed , Brenda & Kelly met with Kristen Stout, Government Office of Federal Assistance
- 3/1/23 - Brenda, Shane & Kelly met with The Nature Conservancy (TNC) re: WaterSmart grant
- 3/3/23 - Ed, Brenda, Debbie, Max & Kelly attended NWS Water Supply & Flood meeting
- 3/6/23 - Ed, Brenda, Kelly & Catrina attended BOR Webinar on Watershed Grants
- 3/8/23 - Ed met with Mike Workman & Tammy Hendrix, new Lyon County CWSD Director
- 3/9/23 - Ed presented to Carson Valley Methodist Church on the Future of Water Supply in Carson Valley
- 3/14/23 - Ed attended CTWCD Board meeting
- 3/14/23 - Ed attended NV Legislation hearings on SB112 & SB176

**STAFF RECOMMENDATION:** Receive and file.

# **CORRESPONDENCE**



March 3, 2023

Ms. Brenda Hunt  
Carson Water Subconservancy District  
777 E. William St., Suite 209  
Carson City, NV 89701

VIA email

Dear Ms. Hunt:

On behalf of the Nevada Division of Environmental Protection (NDEP) Nonpoint Source (NPS) Program, I am pleased to inform you the proposal titled "Carson River Coalition Watershed Coordination Program" has been approved for funding up to the amount of \$147,000. A contract between NDEP and the Carson Water Subconservancy District must be finalized prior to commencement of any work on the project.

Match contribution activities may however begin immediately, and additional match expenditures incurred since October 1, 2022 may be accepted if:

1. Found to be relevant to the Project Scope of Work and Budget to be included in a forthcoming executed Subgrant Agreement; and
2. They have not been reported under former existing contract DEPS 22-040.
3. They are unrelated to water quantity and invasive species tasks/activities.

Regarding the third bullet, the Proposal Review Committee deemed these tasks/activities ineligible for match for the upcoming agreement since they are not eligible to receive 319(h) grant funding.

Due to current staff vacancies in the Bureau of Water Quality Planning, your Contract Coordinator on this project will be determined soon. Your Coordinator will contact you to develop a modified workplan and budget. Should you have any questions regarding this grant award during the interim period, please contact me at 775-687-9450 for assistance.

Sincerely,

Jason Kuchnicki  
Chief, Bureau of Water Quality Planning

cc (via email): Susan Keydel, EPA Region IX  
Marjorie Hilke, NDEP  
File

**From:** Brenda Hunt  
**Sent:** Tuesday, February 28, 2023 5:59 PM  
**To:** 'abennett@ktnv.com' <[abennett@ktnv.com](mailto:abennett@ktnv.com)>  
**Cc:** Ed James <[edjames@cwdsd.org](mailto:edjames@cwdsd.org)>  
**Subject:** Carson River Mercury Superfund Site Local Follow-up

Dear Ms. Bennett:

Thank you for taking my call earlier today and allowing me to follow up with you on the investigative reporting done for the Carson River Mercury Superfund Site (CRMSS). We are thankful to you for bringing this issue to the attention of our region and believe there is an amazing opportunity for more of the story to be told.

Carson Water Subconservancy District's (CWSD) board, made up of elected officials and appointees from each county, directed CWSD staff to contact you to shed further light on how the local communities are grappling with the CRMSS and the USEPA's preferred alternative. CWSD submitted watershed level comments on the USEPA's Proposed Alternative and Interim Record of Decision (ROD) discussed in your investigative report. Several counties affirmed these concerns by writing their own letters, see attached. CWSD and the Counties have yet to receive a response to comments from the USEPA. We are providing you with these letters to give you an additional angle to this compelling story.

The first 2.25 pages of CWSD's letter provide a good summary of the myriad of local concerns. Among these, the biggest concern is declared disasters in the designated superfund site are denied FEMA disaster aid.

Please consider this opportunity to continue your investigative reporting and highlight the challenges and concerns local communities in the CRMSS are facing. Please don't hesitate to contact me using the information below, or Ed James, CWSD General Manager, [edjames@cwdsd.org](mailto:edjames@cwdsd.org) if we can help in any way. If you would like to contact CWSD Board members and/or county representatives, please let us know.

As discussed during our call, CWSD is responsible for the integrated watershed planning and management of the Carson River Watershed. We are a watershed level, multi-county, bi-state agency crossing political and stakeholder boundaries. We work to promote cooperative action throughout the watershed. Check out our [overview video](#), or read our [Who We Are](#) and [Carson River Coalition](#) webpages if you are interested in learning about our background and why we have taken an interest in your reporting on the CRMSS.

Thank you and we truly appreciate your time and hope to hear back from you soon.

Sincerely,

**Brenda Hunt**  
**Carson River Watershed Program Manager**  
**Carson Water Subconservancy District**  
**777 E. William Street, Suite #209**  
**Carson City, NV 89701**  
**775.887.9005 Office**  
**775.887.7457 Fax**  
[brenda@cwdsd.org](mailto:brenda@cwdsd.org)  
[www.cwdsd.org](http://www.cwdsd.org)  
[Sign-up for Carson River Coalition emails](#)