March 7, 2024 Board Meeting Information

Zoom address: https://us06web.zoom.us/j/86294590120

Call-in Number: (669) 900-9128 or (720) 707-2699

Meeting ID: 862 9459 0120

WALKER RIVER IRRIGATION DISTRICT BOARD OF DIRECTORS REGULAR MEETING YERINGTON, NEVADA

March 7, 2024 Thursday 10:00 A.M.

NOTICE OF MEETING of the Board of Directors of Walker River Irrigation District

The Board of Directors of the Walker River Irrigation District will conduct a public meeting on Thursday, March 7, 2024, beginning at 10:00 A.M. in the Board meeting room at 410 N. Main Street, Yerington, Nevada.

THIS MEETING WILL BE HELD IN PERSON AND HOSTED VIA ZOOM.

The public may attend in person and provide public comment and also comment on Agenda items by emailing comments to jessica@wrid.us. Comments received by email prior to 4:00 P.M. on March 6, 2024, will be entered into the record. Comments may also be submitted during the meeting and by participating in the Joint Zoom Meeting using the information below.

The District appreciates the public's patience and understanding during this difficult and challenging time.

Join Zoom Meeting

https://us06web.zoom.us/j/86294590120

Meeting ID: 862 9459 0120

One tap mobile +13462487799,,86294590120# US (Houston) +16694449171,,86294590120# US

Dial by your location • +1 346 248 7799 US (Houston) • +1 669 444 9171 US • +1 719 359 4580 US • +1 720 707 2699 US (Denver) • +1 253 205 0468 US • +1 253 215 8782 US (Tacoma) • +1 646 931 3860 US • +1 689 278 1000 US +1 301 715 8592 US (Washington DC)
+1 305 224 1968 US
+1 309 205 3325 US
+1 312 626 6799 US (Chicago)
+1 360 209 5623 US
+1 386 347 5053 US
+1 507 473 4847 US
+1 564 217 2000 US
+1 646 558 8656 US (New York)

Meeting ID: 862 9459 0120

Find your local number: https://us06web.zoom.us/u/kcF6h8w4Az

NOTICE

Agenda items may be taken out of order.

The Board may remove or delay discussion relating to an agenda item at any time.

The Board may combine two or more agenda items for consideration.

The meeting may be continued as deemed necessary.

Requests for supporting material provided to members of the Board, if any, can be provided electronically by a request to jessica@wrid.us. Such supporting material, if any, will be posted on the Walker River Irrigation District website.

OFFICIAL AGENDA

Action may be taken only on those items denoted "For possible action."

1. Public Comment

Any member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction. Public comments need not be related to any item on the Agenda. Action will not be taken on any matter raised by the public until the matter is specifically included on an agenda as an item upon which action will be taken.

- 2. Roll Call and Determination of Quorum
- 3. Consideration of Minutes of February 7, 2024, Regular meeting. (For possible action)

- 4. **Time Specific 10:05 AM:** Recess as Board of Directors and convene as Board of Corrections for corrections of assessments pursuant to NRS 539.680. (For possible action)
- 5. Adjourn as Board of Corrections and reconvene as Board of Directors.
- 6. SNOWPACs team research presentation on the hydrologic and economic impacts of climate change in the Walker River Basin & Western US.
- 7. Presentation and Consideration of FY 2022-2023 Audit Report by Sciarani & Co. (For possible action)
- 8. Water Master's report
- 9. Staff Reports including, but not limited to, those items listed:
 - A. Treasurer's Report
 - B. Consideration of Bills and Payroll for payment. (For possible action)
 - C. Manager's Report
 - D. Legal Counsel's Report
 - E. Storage Water Leasing Program Update
- 10. Update from the Division of Water Resources regarding groundwater pumping and upcoming fieldwork schedules.
- 11. Update by Walker Basin Conservancy on activities related to the Walker Basin Restoration Program, including Acquisitions and Conservation and Stewardship Activities.
- 12. Presentation and discussion by Tim Bardsley with NOAA regarding the current year weather and water outlook for 2024 irrigation season.
- 13. Discussion and consideration of storage water allocation for the 2024 irrigation season. (For possible action)
- 14. Discussion and determination of the season for delivery of storage water in 2024 as provided in Section 9.3 of District Regulation No. 9. (For possible action)
- 15. Discussion and determination of the last date to allow irrigation season changes in place of use of storage water from reservoir to reservoir as provided in and required by Section 6.1 of District Regulation No. 6. (For possible action)
- 16. Consideration for making available and delivering well water for the District Well under Nevada State Engineer Permit No. 25813, Certificate No. 8861 to lands within the District beginning April 1, 2024. (For possible action)

[Past practices have been as follows: (1) Applications accepted throughout the irrigation season; (2) District Staff draws names of applicants; (3) Payment must be received before water is credited to storage account; (4) Any owner of property within the District with appurtenant surface water rights may purchase .25 acre feet of water for each acre of water right land, with a maximum purchase of 25 acre feet per entity, per season; (5) Water is served based upon the order in which names are drawn (first drawn, first served); (6) If water remains after all applicants are served, water in excess of 25 acre feet per entity, per season can be available; and (7) availability and delivery of such water is subject to the operating constraints of the Walker River system as the irrigation season progresses.]

- 17. Director Comments
- 18. Public Comment

Any member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction. Public comments need not be related to any item on the Agenda. Action will not be taken on any matter raised by the public until the matter is specifically included on an agenda as an item upon which action will be taken.

19. Adjournment

WALKER RIVER IRRIGATION DISTRICT BOARD OF DIRECTORS

Notice is hereby given that on March 7, 2024, the Board of Directors of the Walker River Irrigation District will conduct a meeting. The meeting will commence at 10:00 A.M. at the Walker River Irrigation District Office at 410 N. Main Street, Yerington, Nevada. The Official Agenda for that meeting is attached hereto and made a part of this Notice.

Date: February 29, 2024

ROBERT C. BRYAN Manager

I, Robert C. Bryan, WRID Manager, do hereby certify that the foregoing Agenda was duly posted on February 29, 2024, at the following locations:

Walker River Irrigation District Office, 410 N. Main Street, Yerington, Nevada Lyon County Courthouse, Main Street, Yerington, Nevada U.S. Post Office Bulletin Board, Main Street, Yerington, Nevada U.S. Post Office Bulletin Board, Highway 208, Smith, Nevada U.S. Post Office Bulletin Board, Highway 208, Wellington, Nevada Walker River Irrigation District's website (http://www.wrid.us) The Nevada Public Notice website pursuant to NRS 232.2175 (https://notice.nv.gov)

ROBERT C. BRYAN

Manager

A meeting of the Walker River Irrigation District (WRID) Board of Directors was held on February 7, 2024. The meeting was called to order at 10:00 AM at the District Board Room, 410 N. Main St, Yerington, Nevada by President SNYDER.

Present:

| Jim SNYDER Marcus MASINI | President Vice President |
|-----------------------------|-----------------------------|
| Richard NUTI | Treasurer |
| David GIORGI | Director |
| Dennis ACCIARI | Director |
| Gordon DePAOLI | Legal Counsel, via Zoom |
| Robert BRYAN | General Manager |
| Jessica HALTERMAN | Secretary |
| Sandy NEVILLE | Water Rights Specialist |

Public Present:

| Joanne Sarkisian, USBWC | Kat Dow, WBC | Carlie Henneman, WBC |
|-------------------------|----------------------|----------------------|
| Ed Ryan, MV/SVCD | Taylor Allison, LCEM | |

Present on Zoom:

David Hockaday, LCBOCC Emily Fox, Mono County Wes Walker, MBK

1. Public Comment

None presented.

2. Roll Call All 5 directors were present.

3. Consideration of Minutes of the January 8, 2024 Regular Meeting

Director GIORGI made a motion to approve the minutes; Treasurer NUTI offered a second. The vote was called for and passed.

- 4. Presentation and consideration of FY 2022-2023 Audit Report by Sciarani & Co. Jim SCIARANI from Sciarani & Co. presented the FY23 Financial Audit. Highlights included:
 - Graphs showed that the cash decreased but not as significantly as last year.
 - Page 10 shows positive cash. Those funds that have negative cash will be on Page 11 and the negative cash is listed as Due to Other Funds. There is approximately \$307,000 in negative cash.
 - Page 13 shows that the losses were substantially less than last year.
 - The Net Pension Liability increased almost double due to the PERS deficit increasing.
 - The interfund revenue increased almost \$100,000.
 - Pages 14-15 show the Cash Flow Statement which takes 5-6 hours to complete. There may be some numbers that need to be fixed.

- Page 41 shows the internal control testing. If there are any weaknesses found, they are required to report it. The lack of segregation of duties is an inherent weakness. Having the Board approve the bills and having dual signers on checks strengthens that weakness. The cash reconciliation discrepancy was a significant weakness. Jessica worked with the auditors to find where the discrepancy was and rectified it with a software programming fix. It is recommended to review all reports monthly to avoid getting too far into a problem. There will be a finding on grant reporting but it has not been written yet.
- General Fund- the expenses exceeded the revenues by approximately \$137,000.
- Reservoir Fund- took a hit because of the flood mitigation expenses. The costs have been submitted to FEMA, but there is no guarantee to get reimbursed. No receivable was booked because the reimbursement must be reasonably expected.
- Equipment Fund- had a profit of \$28,000.
- Saroni Fund- had a profit of \$167,000 because of the additional assessments.
- Overall, it would have been a decent year if it were not for the flood mitigation expenses.
- Other notes: The internal control testing began in June. A lot of things transpired and the audit was postponed until mid-October. In August 2021, the industry came out with new guidelines on independence and auditors must be careful on how much bookkeeping they do. In this draft report, 95% of the numbers are good. On Page 38, the grants are shown and somehow this year the grant revenues exceeded the expenses. Research was done starting in 2020 and forward, and after spending multiple hours trying to figure out the problem, Jim contacted Jessica to look into the problem. Jessica will be rectifying the problem within a week or two. There was a new accounting software this year that had a learning curve and some programing bugs that needed to be figured out. The cash reconciliation was off by approximately \$81,000. There was a transferring account where the bulk of the money was sitting that was supposed to be recorded in the cash accounts. A management letter was provided in an attempt to improve the proficiency of the audit. If the District wants to seek another auditing firm to complete future audits, Jim is on board as this year the employee costs were above what they can charge the District.

GM BRYAN stated the agenda item will be brought back in March for possible action.

5. Water Master's Report

Joanne SARKISIAN reported Bridgeport was at 35,620 acre-feet (84%) and Topaz was at 48,030 acre-feet (80%). The current release from Bridgeport is 120 cfs and Topaz is 13 cfs. The February streamflow is at 46% of median and that is the number Joanne will use for planning. Joanne reported there is still stock water being delivered and orders for March 1st are due to the Ditch Rider by 11 a.m. on February 28th.

6. Staff Reports:

A. Treasurer's Report

Treasurer NUTI reported as of January 31, 2024:

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| Cash in Checking | \$ 82,429.73 |
|----------------------|----------------------|
| Cash in Money Market | \$ 662,998.50 |
| Cash in CDs | <u>\$ 757,568.24</u> |
| Total | \$1,502,996.47 |

B. Consideration of Bills and Payroll for payment Walker River Irrigation District January 2024 Bills & Payroll

| Рауее | Check No. | Trans. Date | Amount |
|------------------------------|-----------|-------------|-----------------|
| CA State Water Resources | 300061 | 01/05/2024 | \$ 28,990.00 |
| California Dept. of Fish and | 300062 | 01/05/2024 | \$ 850.00 |
| PrimePay | 300063 | 01/05/2024 | \$ 172.00 |
| Spectrum Business | 300064 | 01/05/2024 | \$ 232.50 |
| AT&T | 300065 | 01/05/2024 | \$ 81.33 |
| Associated Concrete | 100756 | 01/08/2024 | \$ 2,724.70 |
| Cal Poly Corporation / ITRC | 100757 | 01/08/2024 | \$ 97,277.39 |
| White Cap Construction | 100758 | 01/08/2024 | \$ 17,418.50 |
| Allied Sanitation and Septic | 100761 | 01/11/2024 | \$ 125.00 |
| Ameritas Life Insurance Corp | 100762 | 01/11/2024 | \$ 1,086.70 |
| City of Yerington | 100763 | 01/11/2024 | \$ 90.80 |
| JASON MILLIGAN | 100764 | 01/11/2024 | \$ 2,400.00 |
| Jim Menesini Petroleum | 100765 | 01/11/2024 | \$ 351.04 |
| John Deere Credit | 100766 | 01/11/2024 | \$ 178.57 |
| Lyon County Recorder | 100767 | 01/11/2024 | \$ 17.50 |
| MAMMOTH TIMES | 100768 | 01/11/2024 | \$ 1,303.75 |
| MF Barcellos | 100769 | 01/11/2024 | \$ 2,851.34 |
| NEVADA NEWS GROUP | 100770 | 01/11/2024 | \$ 6,105.00 |
| NV Energy | 100771 | 01/11/2024 | \$ 349.92 |
| O'Reilly Automotive, Inc. | 100772 | 01/11/2024 | \$ 26.01 |
| Pape' Machinery Exchange | 100773 | 01/11/2024 | \$ 17,136.00 |
| PERS Administrative Fund | 100774 | 01/11/2024 | \$ 11,473.54 |
| Petty Cash | 100775 | 01/11/2024 | \$ 700.00 |
| Pitney Bowes Global | 100776 | 01/11/2024 | \$ 213.42 |
| Power Plan | 100777 | 01/11/2024 | \$ 32,383.93 |
| Public Employees' Benefits | 100778 | 01/11/2024 | \$ 870.23 |
| Purchase Power / Pitney | 100779 | 01/11/2024 | \$ 327.09 |
| | | | |

| | Total Bills & Payroll | | \$ 379,177.25 | |
|-----------------------------|-----------------------|------------|---------------|-----------|
| EFTPS | | 01/31/2024 | \$ | 1,263.03 |
| Payroll | | 01/31/2024 | \$ | 44,723.90 |
| SCOTT ROBINSON | 100800 | 01/30/2024 | \$ | 1,960.00 |
| JASON MILLIGAN | 100799 | 01/30/2024 | \$ | 1,960.00 |
| Xerox Financial Services | 100798 | 01/25/2024 | \$ | 30.22 |
| Xerox Corporation | 100797 | 01/25/2024 | \$ | 210.66 |
| Walker River Mechanical | 100796 | 01/25/2024 | \$ | 6,500.00 |
| U.S. Geological Survey | 100795 | 01/25/2024 | \$ | 16,683.33 |
| Quill | 100794 | 01/25/2024 | \$ | 192.50 |
| PDM Steel Service Centers, | 100793 | 01/25/2024 | \$ | 2,272.85 |
| Nevada Energy Systems, Inc. | 100792 | 01/25/2024 | \$ | 873.38 |
| MBK Engineers | 100791 | 01/25/2024 | \$ | 1,526.50 |
| Desert Ready Mix | 100790 | 01/25/2024 | \$ | 8,595.34 |
| Wells Fargo Card Services | 100786 | 01/11/2024 | \$ | 681.81 |
| Wells Fargo Card Services | 100789 | 01/11/2024 | \$ | 673.08 |
| Woodburn & Wedge | 100788 | 01/11/2024 | \$ | 29,640.00 |
| White Cap Construction | 100787 | 01/11/2024 | \$ | 4,339.15 |
| Wells Fargo Card Services | 100785 | 01/11/2024 | \$ | 25,095.60 |
| Truckee Tahoe Lumber Co. | 100784 | 01/11/2024 | \$ | 2,713.12 |
| Standard Insurance Company | 100783 | 01/11/2024 | \$ | 321.56 |
| Southwest Gas Corporation | 100782 | 01/11/2024 | \$ | 730.64 |
| Sierra Office Solutions | 100781 | 01/11/2024 | \$ | 54.32 |
| SCOTT ROBINSON | 100780 | 01/11/2024 | \$ | 2,400.00 |

Vice President MASINI asked what the bill from Nevada News Group was; Secretary HALTERMAN stated it is the Nevada Appeal and Record Courier for 5 weeks of posting for the Stored Water Leasing Program. Director GIORGI made a motion to approve the bills; Treasurer NUTI offered a second. The vote was called for and passed.

C. Manager's Report

GM BRYAN provided a shortened version of SNOTEL report from NRCS. The report was issued on February 1st, so the numbers are a bit different than today's numbers. The report included the streamflow probabilities from March to August and April to August. GM BRYAN emailed the link for the full report. The basin is currently at 69% of average as of today. The year is comparable to 2009 or 2015 water years. The difference between 2015/16 and now is that the river rand dry in 2015 so everything was dry, this year everything was extremely wet from last year but will be dry this year. The drought monitor has the region listed as abnormally

dry but the upcoming storm pattern could change things. GM BRYAN will attempt to get an update from the weather service at the March meeting.

GM BRYAN reported that Topaz is at 48,000 acre feet (80%) and Bridgeport is at 35,620 acre feet (84%). Since November 1st, Topaz has stored 20,880 acre-feet and Bridgeport has stored 7,860 acre-feet. GM BRYAN has continued to meet with MBK engineers to monitor the reservoir pools and they have been leaving a safe buffer but keeping as much as possible in the pool. The allocation does not look to be a full 100% but GM BRYAN will have all of the information next month and will make sure the engineers are online for questions.

The shop crew has wrapped up the major construction on the Campbell split project. There are some finishing touches that need to be completed, but the structure is fully functional for water. The crew has transitioned to the Colony modernization project. On a side note- GM BRYAN heard from NDOT and the project they had planned for this year between Spence Lane and the intersection at Goldfield has been postponed this year. They are working with contractors and will hopefully continue in 2025.

On January 25th, GM BRYAN spoke on a Mid-Pacific Region Conference panel that discussed the District's maintenance and weed abatement programs. GM BRYAN also talked with other Districts and got some ideas of how they do their maintenance.

Last week, GM BRYAN attended the NWRA conference in Las Vegas. This year there was a lot of discussion about the Supreme Court Order regarding the Lower White River that alludes to conjunctive management. Counsel will be discussing this in the next agenda item. GM BRYAN stated he will try to get a copy of the order for the Board to read.

D. Legal Counsel's Report

Counsel DePAOLI reported that on January 24th, a significant Nevada Supreme Court decision came out on Sullivan vs Lincoln County related to the Lower White River flow system. The decision has ramifications relative to groundwater and surface water on a statewide basis. Counsel is still reviewing the decision and expects to provide a report on their thoughts and was that decision may or may not mean going forward for an area like the Walker River basin where there are river valleys with significant surface water and groundwater use.

E. Storage Water Leasing Program Update

GM BRYAN met with the coordinating agencies on Monday February 5th to review reports on the 2023 program. The calendar has been set and program notices will be mailed next month. The petitions have been submitted to the California State Waer Resources Control Board. Once the petitions are approved, there will be a comment period and after that, the permits can be submitted to the Nevada State Engineer.

7. Update from the Division of Water Resources regarding groundwater pumping and upcoming fieldwork schedules.

No representative was present. GM BRYAN stated he had not heard when the spring to spring level meeting would be, but as soon as he hears he will let everyone know.

8. Update by the Walker River Conservancy on activities related to the Walker Basin Restoration Program, including Acquisitions and Conservation and Stewardship Activities.

Carlie HENNEMAN stated the lake is creeping up and is at the highest level since 2012. Last week the Conservancy submitted a list of potential sellers for the Nevada Groundwater Retirement Program. They have enough money to purchase 2-3,000 acrefeet of groundwater, but they had approximately 21,000 acre-feet on the list of interested sellers. They are using that number to leverage federal and other money to purchase more water. Joanne SARKISIAN asked if the list was available; Carlie stated it is confidential.

9. Review and discussion on adoption of a Resolution for WRID to be a cooperating partner for the Lyon Couty Hazard Mitigation Plan.

Taylor ALLISON thanked the Board for the opportunity to bring the item back. She has worked with the state mitigation officer on the liability and litigation risk concern. Nothing showed that any jurisdiction was held liable for any project or mitigation strategies identified in the plan. If anything, there was concern that states, municipalities or counties were not in compliance with the plan, although they did not find anything relating to political subdivisions. The mitigation strategies are written broadly enough to where all cooperating partners were not tied to specific projects. There is a drainage area study being proposed and that study could identify drainage problems. Even the District's section, Lyon County is the lead partner. Treasurer NUTI stated he scrolled through all of the pages. GM BRYAN stated he and Counsel DePAOLI looked at the plan and there is no extra liability in being a cooperating partner. Secretary HALTERMAN and GM BRYAN have been helping with the plan prior to this version. This version is much more detailed. The plan opens the door to potential funding opportunities as well as working partnerships so that the District is not the only agency involved.

Treasurer NUTI made a motion to approve Resolution 2024-1 to adopt the Lyon County Hazard Mitigation Plan 2023ed.; Director ACCIARI offered a second. The vote was called for and passed.

10. Director Comments

None presented.

11. Public Comment None presented.

12. Adjournment

Director ACCIARI made a motion to adjourn; Vice President MASINI offered a second. The vote was called for and passed. The meeting adjourned at 10:42 a.m.

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Jim Snyder, President

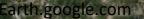
Marcus Masini, Vice President

Richard Nuti, Treasurer

Dennis Acciari, Director

David Giorgi, Director

Hydrologic and Economic Impacts of Climate Change in the Walker River Basin & Western US



Gabrielle Boisramé¹, Beatrice Gordon¹, Rosemary Carroll¹ Bernard Baah-Kumi², Loretta Singletary², Michael Taylor² ¹DRI, Division of Hydrologic Sciences ²University of Nevada, Reno, Dpt. of Economics



University of Nevada, Reno

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Motivation

June 15, 2011 June 15, 2022

Images: https://worldview.earthdata.nasa.gov/

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Motivation

- Climate change predicted to...
 - Alter timing of water availability due to reduced snowpack
 - Extend drought lengths
 - Increase plant water demand

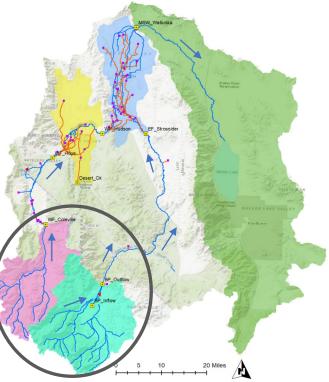
• Unknowns:

- How will climate change affect agricultural irrigation and downstream water needs?
- What types of adaptation have the greatest chance of success?



Images: https://worldview.earthdata.nasa.gov/

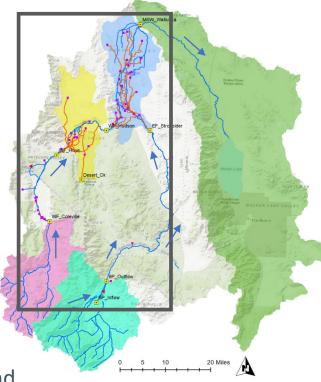
Walker Basin Modeling Components



Headwater Model

• Predicts future snowpack and temperature impacts on inflows to reservoirs.

Walker Basin Modeling Components



Water Allocation Model: MODSIM

- Water shortages due to changes in:
 - Inflows
 - Water Demand
 - Infrastructure
 - Water Rights

Headwater Model

 Predicts future snowpack and temperature impacts on inflows to reservoirs.

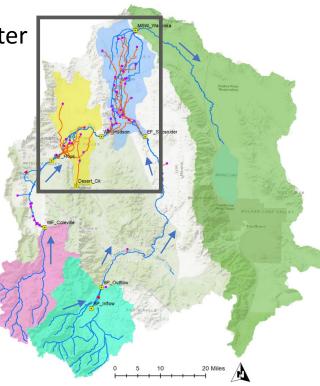
Walker Basin Modeling Components

Groundwater Model:

- Surface-groundwater interactions
- Depth to groundwater

Agricultural Economics

- Optimal irrigated acreage based on water availability
- Incorporates groundwater pumping cost
- Cost-effectiveness of adaptation measures



Headwater Model

• Future snowpack and temperature impacts on inflows to reservoirs.

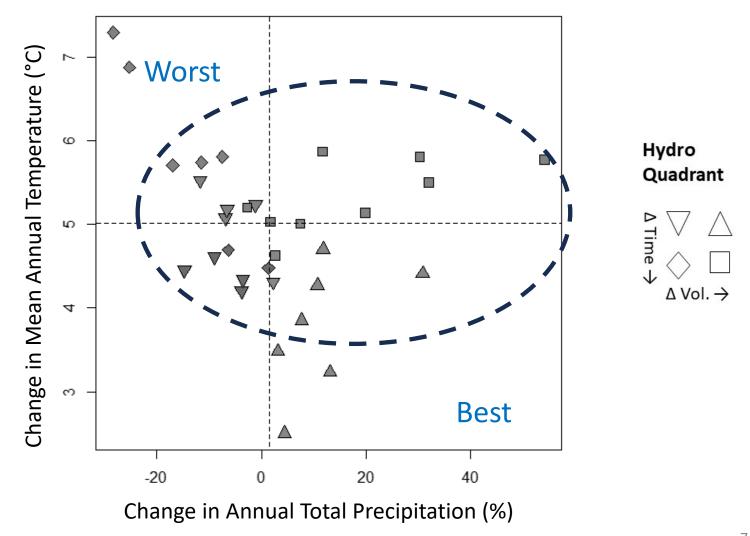
Water Allocation Model: MODSIM

- Water shortages due to changes in:
 - Inflows
 - Water Demand
 - Infrastructure
 - Water Rights

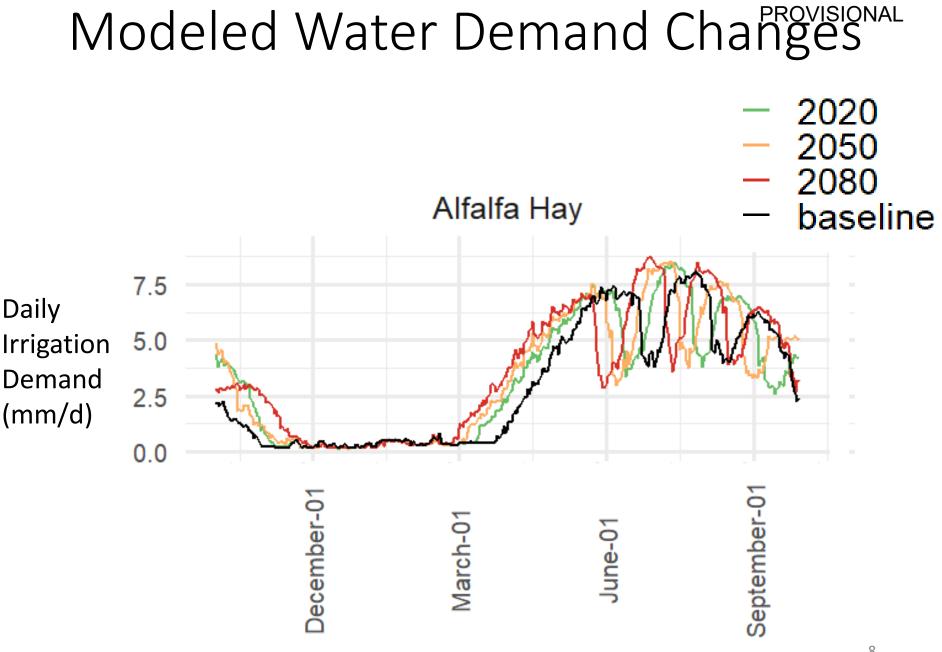
Uncertainty of Future Climate^{PROVISIONAL}

Difference Between Historical Period and 2070-2099 Projections, RCP 8.5

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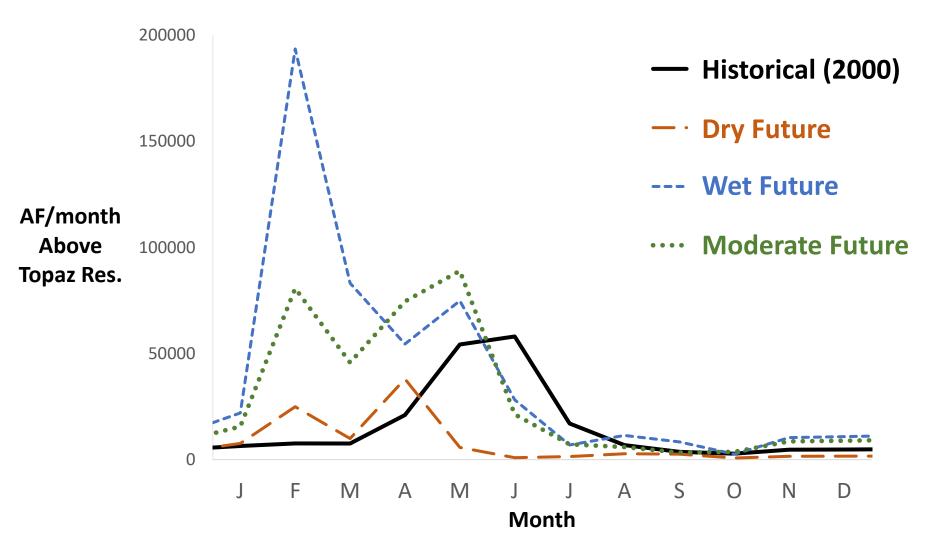


Source: "Downscaled CMIP3 and CMIP5 Climate and Hydrology Projections" http://gdo-dcp.ucllnl.org/downscaled_cmip_projections/

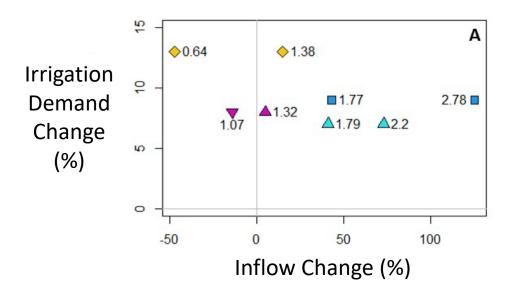


Source: Huntington et al. (2015)

Modeled Streamflow Changes



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Climate Quadrants Hot Wet Warm Wet Warm Dry Hot Dry

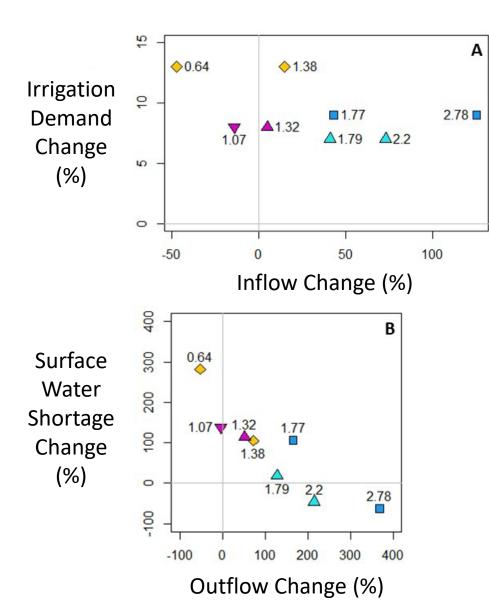
Hydro Quadrants

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 Δ Vol. \rightarrow

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Climate Quadrants Hot Wet Warm Wet Warm Dry Hot Dry

Hydro Quadrants

PROVISIONAL



 Δ Vol. \rightarrow

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5 А Climate Hydro ♦0.64 ♦1.38 Quadrants Quadrants Irrigation 9 Hot Wet 1.77 2.78 Demand \uparrow **A**1.32 1.07 Warm Wet ∆ Time △1.79 △2.2 Change Warm Dry 40 (%) Hot Dry Δ Vol. \rightarrow 0 -50 50 100 0 Inflow Change (%) 1.0 400 С В 2.78 ■ 2.2▲ 0.5 300 0.64 Surface Water 0.0 1.79 4 Water Table 200 -0.5 Shortage Elevation 1.77 1.07 1.32 1.77 100 1.38 Change Change -1.0 1.38 **▲**1.32 (%) (m) Δ -1.5 ▼1.07 0 1.79 2,2 2.78 ♦0.64 -2.0 -100 -60 -40 -20 0 -100 100 200 300 400 0

Outflow Change (%)

Reservoir Storage Change (%)

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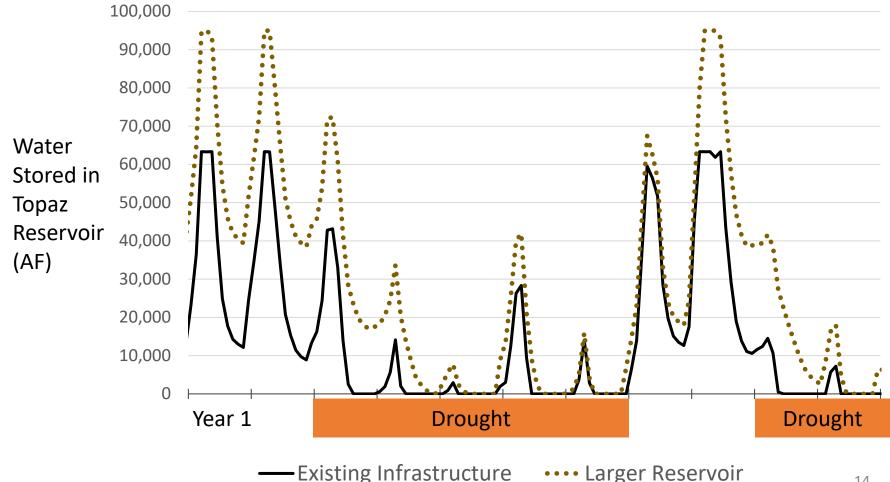
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15 А Climate Hydro ♦0.64 ♦1.38 Quadrants Irrigation Quadrants 9 Hot Wet 1.77 2.78 Demand \uparrow **A**1.32 1.07 Warm Wet ∆ Time △1.79 △2.2 Change Warm Dry 40 (%) Hot Dry Δ Vol. \rightarrow 0 -50 50 100 0 Inflow Change (%) Win-Win 1.0 400 С В 2.78 ■ 2.2▲ 0.5 300 0.64 Surface Water 0.0 Water Table 200 Lose-Lose -0.5 Shortage Elevation 1.77 1.32 1.07 1.77 100 1.38 Change Change -1.0 1.38 **A**1.32 (%) (m) -1.5 1.79 0 ▼1.07 22 ♦0.64 2.78 -2.0 -100 -60 -40 -20 0 -100 100 200 300 400 0 Reservoir Storage Change (%) Outflow Change (%)

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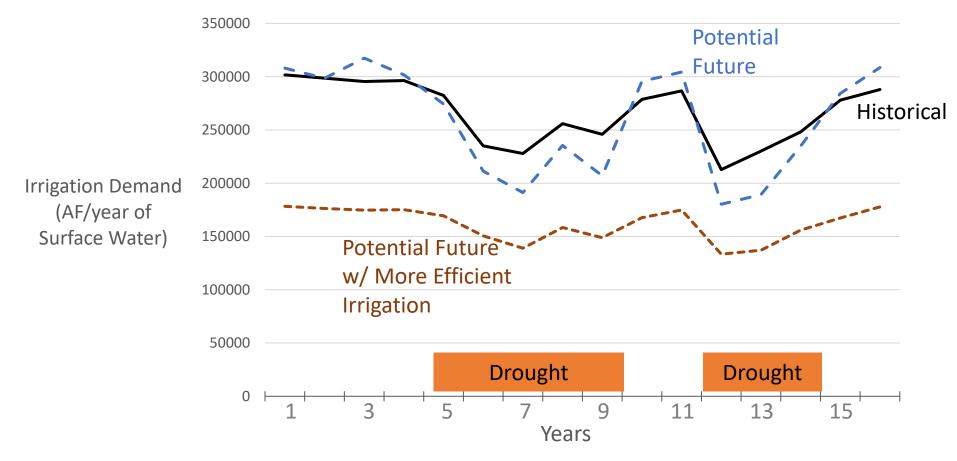
Storage Increases are Minimately ISIONAL Helpful in Hottest Driest Future

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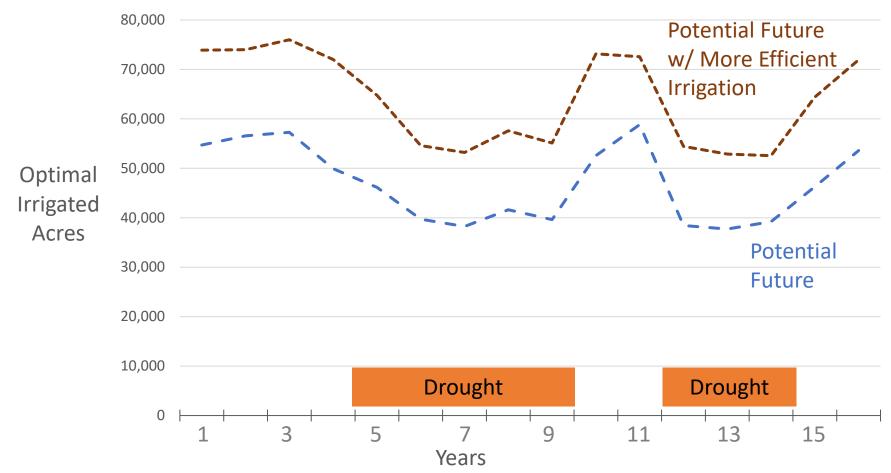
Irrigation Efficiency Reduces Demand Variability



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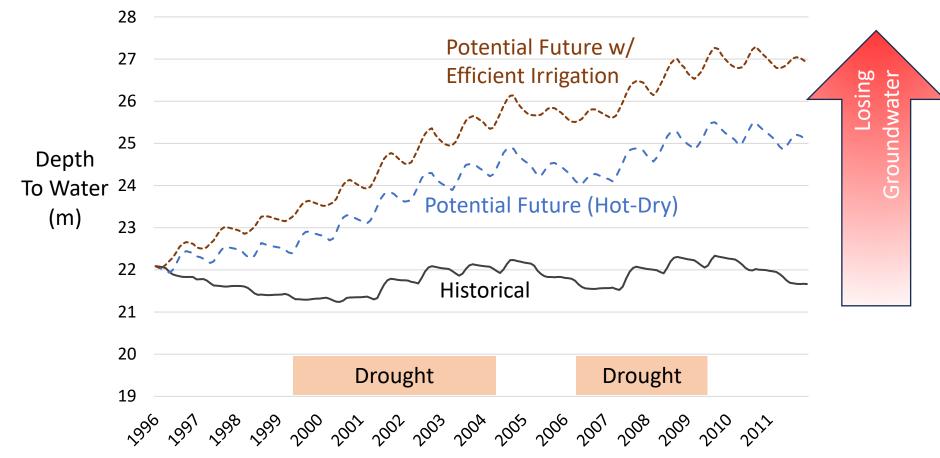
Irrigation Efficiency Increases PROVISIONAL Irrigated Acreage

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Unintended Consequences of Efficient Irrigation

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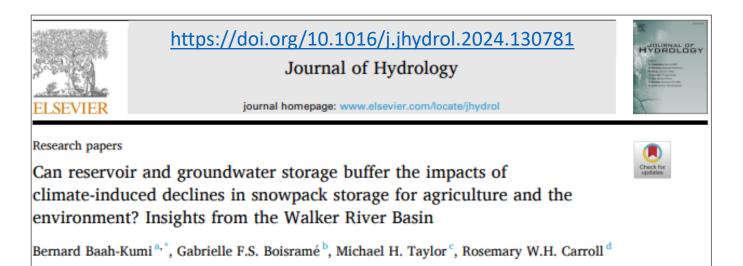


Key findings from a recently published hydro-economic model of Walker Basin

- Reduced snowpack storage expected to cause decline in irrigated farm acreage and agricultural output.
- Reservoir capacity expansion will likely be more valuable in the future (but only up to a point).



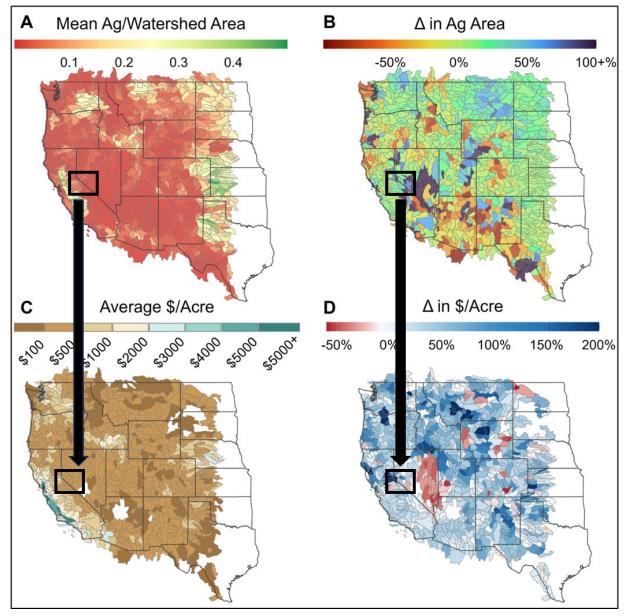
Photo by Roman Eugeniusz, https://commons.wikimedia.org/w/index.p hp?search=Topaz+Lake



PROVISIONAL

WRB and the WUS

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Acknowledgements

- Thank you to the SNOWPACS team (www.snowpacs.com)
- This work was funded by Award #2018-69011-28369 From USDA/NIFA







National Institute of Food and Agriculture U.S. DEPARTMENT OF AGRICULTURE

Questions?

Gabrielle.Boisrame@dri.edu

Feedback:

What model scenarios are you most interested in?
How should we present this information to be most useful?
What are your big unanswered questions about future water uncertainty?

Walker River Irrigation District Balance Sheet As of 2/29/2024

| | Current Year |
|-------------------------------|---------------------|
| Assets | |
| Current Assets | |
| Cash & Cash Equivalents | |
| Cash in Checking | 100,340.65 |
| Cash in Money Market | 685,162.58 |
| Cash in CDs | 757,568.24 |
| Total Cash & Cash Equivalents | <u>1,543,071.47</u> |
| Total Current Assets | 1,543,071.47 |
| Total Assets | <u>1,543,071.47</u> |

Walker River Irrigation District General Ledger Report-HYTE GL Report- HYTE

| Date | Trans. | Journal | Reference | Balance |
|--------------------------|--------------------|--------------------------------------|---|----------------------------|
| Accounts Pag | yable | | | |
| Account: | 101-1100-01 | (General-Cash in Checking) | | |
| 02/01/2024 | | | Account Beginning Balance | \$20,719,011.91 |
| 02/07/2024 | 506-31 | Accounts Payable | Ameritas Life Insura-Computer Check-100801 | (\$681.10) |
| 02/07/2024 | 506-45 | Accounts Payable | Quill-Computer Check-100807 | (\$264.08) |
| 02/07/2024 | 506-49 | Accounts Payable | Sierra Office Soluti-Computer Check-100808 | (\$39.37) |
| 02/13/2024 | 509-106 | Accounts Payable | Alhambra-Bank Draft-300066 | (\$75.61) |
| 02/13/2024 | 509-112 | Accounts Payable | City of Yerington-Computer Check-100812 | (\$60.53) |
| 02/13/2024 | 509-118 | Accounts Payable | CSC-Computer Check-100814 | (\$25.00) |
| 02/13/2024 02/13/2024 | 509-122 509-134 | Accounts Payable Accounts Payable | Giomi, IncComputer Check-100815 PERS Administrative -Computer Check-100820 | (\$477.16) (\$8,457.62) |
| 02/13/2024 | 509-134 | Accounts Payable | Pitney Bowes Global -Computer Check-100821 | (\$8,437.02) (\$35.00) |
| 02/13/2024 | 509-138 | Accounts Payable | Public Employees' Be-Computer Check-10082 | (\$33.00) (\$870.23) |
| 02/13/2024 | 509-140 | Accounts Payable | Raley's-Computer Check-100823 | (\$159.20) |
| 02/13/2024 | 509-142 | Accounts Payable | Southwest Gas Corpor-Computer Check-100825 | (\$139.20) |
| 02/13/2024 | 509-150 | Accounts Payable | Standard Insurance C-Computer Check-100826 | (\$150.51) |
| 02/13/2024 | 509-158 | Accounts Payable | USBWC-Computer Check-100827 | (\$42,268.74) |
| 02/13/2024 | 509-162 | Accounts Payable | Wells Fargo Card Ser-Computer Check-100829 | (\$1,093.43) |
| 02/13/2024 | 509-170 | Accounts Payable | Woodburn & Wedge-Computer Check-100830 | (\$20,899.57) |
| 02/13/2024 | 509-176 | Accounts Payable | Xerox Corporation-Computer Check-100831 | (\$20,055.57) |
| 02/28/2024 | 512-96 | Accounts Payable | Lyon County Recorder-Computer Check-100837 | (\$23.37) |
| 02/28/2024 | 512-98 | Accounts Payable | MBK Engineers-Computer Check-100838 | (\$8,645.50) |
| 02/28/2024 | 512-102 | Accounts Payable | MF Barcellos-Computer Check-100839 | (\$155.23) |
| 02/28/2024 | 512-102 | Accounts Payable | NV Energy-Computer Check-100840 | (\$135.25) |
| 02/28/2024 | 512-112 | Accounts Payable | Pitney Bowes Global -Computer Check-100841 | (\$10.91) |
| 02/28/2024 | 512-118 | Accounts Payable | Standard Insurance C-Computer Check-100843 | (\$301.02) |
| 02/28/2024 | 512-126 | Accounts Payable | USBWC-Computer Check-100846 | (\$19,948.64) |
| 02/28/2024 | 512-134 | Accounts Payable | Wells Fargo Card Ser-Computer Check-100848 | (\$1,262.50) |
| 02/28/2024 | 512-140 | Accounts Payable | Woodburn & Wedge-Computer Check-100850 | (\$28,224.35) |
| 02/28/2024 | 512-146 | Accounts Payable | Xerox Financial Serv-Computer Check-100851 | (\$60.44) |
| | | , | Account Subtotals | (\$135,363.86) |
| 02/29/2024 | | | Account Net Change | (\$135,363.86) |
| 02/29/2024 | | | Account Ending Balance | \$20,583,648.05 |
| Account: | 102-1100-01 | (Reservoir Fund-Cash in Checking) | | |
| 02/01/2024 | | _ | Account Beginning Balance | (\$6,014,305.90) |
| 02/13/2024 | 509-172 | Accounts Payable | Woodburn & Wedge-Computer Check-100830 | (\$3,932.50) |
| 02/28/2024 | 512-110 | Accounts Payable | NV Energy-Computer Check-100840 | (\$38.77) |
| 02/28/2024 | 512-136 | Accounts Payable | Wells Fargo Card Ser-Computer Check-100848 | (\$690.10) |
| 02/28/2024 | 512-142 | Accounts Payable | Woodburn & Wedge-Computer Check-100850 | (\$162.50) |
| | | | Account Subtotals | (\$4,823.87) |
| 02/29/2024 | | | Account Net Change | (\$4,823.87) |
| 02/29/2024 | | | Account Ending Balance | (\$6,019,129,77) |
| Account: | 104-1100-01 | (Local #2-Cash in Checking) | | |
| 02/01/2024 | | | Account Beginning Balance | (\$299,161.18) |
| 02/13/2024 | 509-168 | Accounts Payable | Woodburn & Wedge-Computer Check-100830 | (\$1,138.13) |
| | | | Account Subtotals | (\$1,138.13) |
| 02/29/2024 | | | Account Net Change | (\$1,138.13) |
| 02/29/2024 | | | Account Ending Balance | (\$300,299.31) |
| Account: | 107-1100-01 | (Equipment-Cash in Checking) | | |
| 02/01/2024 | | | Account Beginning Balance | (\$4,061,350.63) |
| 02/07/2024 | 506-33 | Accounts Payable | Ameritas Life Insura-Computer Check-100801 | (\$405.60) |
| 02/13/2024 | 509-108 | Accounts Payable | Alhambra-Bank Draft-300066 | (\$37.80) |
| 02/13/2024 | 509-110 | Accounts Payable | Allied Sanitation an-Computer Check-100811 | (\$125.00) |
| 02/13/2024 | 509-114 | Accounts Payable | City of Yerington-Computer Check-100812 | (\$30.27) |
| 02/13/2024 | 509-116 | Accounts Payable | CMC TIRE INC SPO-Computer Check-100813 | (\$1,089.43) |
| 02/13/2024 | 509-124 | Accounts Payable | Grainger-Computer Check-100816 | (\$66.98) |
| 02/13/2024 | 509-128 | Accounts Payable | JASON MILLIGAN-Computer Check-100817 | (\$1,640.00) |
| 02/13/2024 | 509-130 | Accounts Payable | O'Reilly Automotive,-Computer Check-100818 | (\$271.59) |
| 02/13/2024 | 509-136 | Accounts Payable | PERS Administrative -Computer Check-100820 | (\$4,097.84) |

| 02/13/2024 | 509-144 | Accounts Payable | Raley's-Computer Check-100823 | (\$79.60) |
|--------------|---------------|--|--|----------------------------------|
| 02/13/2024 | 509-148 | Accounts Payable | SCOTT ROBINSON-Computer Check-100824 | (\$1,640.00) |
| | | - | · | |
| 02/13/2024 | 509-152 | Accounts Payable | Southwest Gas Corpor-Computer Check-100825 | (\$273.08) |
| 02/13/2024 | 509-156 | Accounts Payable | Standard Insurance C-Computer Check-100826 | (\$169.83) |
| 02/13/2024 | 509-166 | Accounts Payable | Wells Fargo Card Ser-Computer Check-100829 | (\$2,062.58) |
| 02/28/2024 | 512-86 | Accounts Payable | JASON MILLIGAN-Computer Check-100834 | (\$480.00) |
| 02/28/2024 | 512-90 | Accounts Payable | Jim Menesini Petrole-Computer Check-100835 | (\$237.29) |
| 02/28/2024 | 512-94 | Accounts Payable | John Deere Credit-Computer Check-100836 | (\$41.38) |
| 02/28/2024 | 512-108 | Accounts Payable | NV Energy-Computer Check-100840 | (\$103.45) |
| 02/28/2024 | 512-114 | Accounts Payable | SCOTT ROBINSON-Computer Check-100842 | (\$480.00) |
| 02/28/2024 | 512-120 | Accounts Payable | Standard Insurance C-Computer Check-100843 | (\$339.66) |
| 02/28/2024 | 512-130 | Accounts Payable | Wells Fargo Card Ser-Computer Check-100848 | (\$1,395.68) |
| | | 2 | Account Subtotals | (\$15,067.06) |
| 02/29/2024 | | | Account Net Change | (\$15,067.06) |
| 02/29/2024 | | | Account Ending Balance | (\$4.076.417.69) |
| Account: | 301-1100-03 (| 301- Grants-Cash in Checking) | | |
| 02/01/2024 | 501 1100 05 (| son erans cash in checking, | Account Beginning Balance | (\$3,185,640.24) |
| 02/07/2024 | 506-35 | Accounts Payable | Associated Concrete -Computer Check-100802 | (\$3,105,040.24) (\$2,775.30) |
| | | Accounts Payable | | (\$2,775.30) (\$1,029.34) |
| 02/07/2024 | 506-37 | | Codale Electric Supp-Computer Check-100803 | |
| 02/07/2024 | 506-39 | Accounts Payable | Ferguson Enterprises-Computer Check-100804 | (\$8,582.83) |
| 02/07/2024 | 506-41 | Accounts Payable | Pape' Machinery Exch-Computer Check-100805 | (\$17,136.00) |
| 02/07/2024 | 506-43 | Accounts Payable | PDM Steel Service Ce-Computer Check-100806 | (\$4,770.00) |
| 02/07/2024 | 506-47 | Accounts Payable | Quill-Computer Check-100807 | (\$391.92) |
| 02/07/2024 | 506-51 | Accounts Payable | Truckee Tahoe Lumber-Computer Check-100809 | (\$568.88) |
| 02/13/2024 | 509-120 | Accounts Payable | Giomi, IncComputer Check-100815 | (\$1,525.07) |
| 02/13/2024 | 509-126 | Accounts Payable | JASON MILLIGAN-Computer Check-100817 | (\$440.00) |
| 02/13/2024 | 509-132 | Accounts Payable | PDM Steel Service Ce-Computer Check-100819 | (\$2,989.96) |
| 02/13/2024 | 509-146 | Accounts Payable | SCOTT ROBINSON-Computer Check-100824 | (\$440.00) |
| 02/13/2024 | 509-160 | Accounts Payable | Wedco IncComputer Check-100828 | (\$299.90) |
| 02/13/2024 | 509-164 | Accounts Payable | Wells Fargo Card Ser-Computer Check-100829 | (\$840.04) |
| 02/13/2024 | 509-174 | Accounts Payable | Woodburn & Wedge-Computer Check-100830 | (\$617.50) |
| 02/28/2024 | 512-82 | Accounts Payable | Associated Concrete -Computer Check-100832 | (\$2,392.50) |
| 02/28/2024 | 512-84 | Accounts Payable | Ferguson Enterprises-Computer Check-100833 | (\$8,600.00) |
| 02/28/2024 | 512-88 | Accounts Payable | JASON MILLIGAN-Computer Check-100834 | (\$1,440.00) |
| 02/28/2024 | 512-92 | Accounts Payable | Jim Menesini Petrole-Computer Check-100835 | (\$1,440.00) (\$157.80) |
| | | | | |
| 02/28/2024 | 512-100 | Accounts Payable | MBK Engineers-Computer Check-100838 | (\$1,918.50) |
| 02/28/2024 | 512-104 | Accounts Payable | MF Barcellos-Computer Check-100839 | (\$1,619.15) |
| 02/28/2024 | 512-116 | Accounts Payable | SCOTT ROBINSON-Computer Check-100842 | (\$1,440.00) |
| 02/28/2024 | 512-122 | Accounts Payable | Sunbelt Rentals-Computer Check-100844 | (\$16,300.00) |
| 02/28/2024 | 512-124 | Accounts Payable | Truckee Tahoe Lumber-Computer Check-100845 | (\$1,641.00) |
| 02/28/2024 | 512-128 | Accounts Payable | Wedco IncComputer Check-100847 | (\$218.48) |
| 02/28/2024 | 512-132 | Accounts Payable | Wells Fargo Card Ser-Computer Check-100848 | (\$6,738.26) |
| 02/28/2024 | 512-138 | Accounts Payable | White Cap Constructi-Computer Check-100849 | (\$1,150.83) |
| 02/28/2024 | 512-144 | Accounts Payable | Woodburn & Wedge-Computer Check-100850 | (\$8,677.50) |
| | | | Account Subtotals | (\$94,700.76) |
| 02/29/2024 | | | Account Net Change | (\$94,700.76) |
| 02/29/2024 | | | Account Ending Balance | (\$3,280,341.00) |
| Accounts Red | eivable | | | |
| Account: | 101-1200-01 (| General-Cash in Money Market) | | |
| 02/01/2024 | | ······································ | Account Beginning Balance | (\$20,562,229.12) |
| 02/12/2024 | 502-15 | Accounts Receivable | Deposit 225 - Summarized Accounts Receivable Payment | \$27,342.42 |
| 02/12/2024 | 502 15 | Accounts Receivable | Account Subtotals | \$27,342.42 |
| 02/29/2024 | | | Account Net Change | \$27,342.42 |
| | | | | (\$20,534,886.70) |
| 02/29/2024 | 100 1000 01 / | | Account Ending Balance | (\$20,554,000.70) |
| Account: | 102-1200-01 (| Reservoir Fund-Cash in Money Mar | | |
| 02/01/2024 | | | Account Beginning Balance | \$6,911,776.76 |
| 02/12/2024 | 502-16 | Accounts Receivable | Deposit 225 - Summarized Accounts Receivable Payment | \$2,993.18 |
| | | | Account Subtotals | \$2,993.18 |
| 02/29/2024 | | | Account Net Change | \$2,993.18 |
| 02/29/2024 | | | Account Ending Balance | \$6.914.769.94 |
| Account: | 106-1200-01 (| Local #4-Cash in Money Market) | | |
| 02/01/2024 | | | Account Beginning Balance | \$1,281,535.26 |
| 02/12/2024 | 502-17 | Accounts Receivable | Deposit 225 - Summarized Accounts Receivable Payment | \$2,635.46 |
| 02/27/2024 | 508-2 | Accounts Receivable | Deposit 227 - Summarized Accounts Receivable Payment | \$2,677.82 |
| | | | Account Subtotals | \$5,313.28 |
| 02/29/2024 | | | Account Net Change | \$5,313.28 |
| . , ., | | | | ++++= |

| 02/29/2024 | | | Account Ending Balance | \$1,286,848,54 |
|------------------------|----------------|-----------------------------------|---|-----------------------------------|
| Account: 02/01/2024 | 107-1200-01 (E | Equipment-Cash in Money Market) | Account Beginning Balance | \$4,154,362.35 |
| 02/12/2024 | 502-18 | Accounts Receivable | Deposit 225 - Summarized Accounts Receivable Payment Account Subtotals | <u>\$1,914.75</u> \$1,914.75 |
| 02/29/2024 | | | Account Subjours | 1 / |
| 02/29/2024 | | | Account Ending Balance | |
| Account: | 204-1200-02 (0 | Greenwood Ditch-Cash in Money Ma | | |
| 02/01/2024 | | | Account Beginning Balance | \$5,643.06 |
| 02/12/2024 | 502-19 | Accounts Receivable | Deposit 225 - Summarized Accounts Receivable Payment | \$4,197.90 |
| | | | Account Subtotals | \$4,197.90 |
| 02/29/2024 | | | Account Net Change | |
| 02/29/2024 Account: | 205 1200 02 (1 | Mickey Ditch-Cash in Money Market | Account Ending Balance | <u>\$9.840.96</u> |
| 02/01/2024 | 203-1200-02 (1 | vickey Ditch-cash in woney warket | Account Beginning Balance | \$4,270.50 |
| 02/12/2024 | 502-20 | Accounts Receivable | Deposit 225 - Summarized Accounts Receivable Payment | \$7,076.64 |
| -,,- | | | Account Subtotals | \$7,076.64 |
| 02/29/2024 | | | Account Net Change | \$7,076.64 |
| 02/29/2024 | | | Account Ending Balance | |
| Account: | 211-1200-02 (0 | Colony Ditch-Cash in Money Market | | |
| 02/01/2024 | 502.24 | | Account Beginning Balance | \$41,724.19 |
| 02/12/2024 | 502-21 | Accounts Receivable | Deposit 225 - Summarized Accounts Receivable Payment Account Subtotals | <u>\$5,290.72</u> \$5,290.72 |
| 02/29/2024 | | | Account Subtotals Account Net Change | |
| 02/29/2024 | | | Account Inding Balance | |
| Cash Receipts | 5 | | | ¢ 11/01 110 1 |
| Account: | | General-Cash in Money Market) | | |
| 02/01/2024 | | | Account Beginning Balance | (\$20,562,229.12) |
| 02/12/2024 | 505-2 | Cash Receipts | Deposit 226 - Summarized Cash Receipts Receipt | \$1,500.00 |
| 02/13/2024 | 507-1 | Cash Receipts | REVERSE-US FOREST SERVICE-221-213 | (\$8,346.97) |
| 02/13/2024 | 507-2 | Cash Receipts | REVERSE-US FOREST SERVICE-221-213 | (\$2,247.26) |
| 02/27/2024 | 511-6 | Cash Receipts | Deposit 228 - Summarized Cash Receipts Receipt Account Subtotals | <u>\$94,858.30</u> \$85,764.07 |
| 02/29/2024 | | | Account Net Change | |
| 02/29/2024 | | | Account Ending Balance | |
| Account: | 102-1200-01 (F | Reservoir Fund-Cash in Money Mark | | |
| 02/01/2024 | | | Account Beginning Balance | \$6,911,776.76 |
| 02/13/2024 | 507-3 | Cash Receipts | REVERSE-US FOREST SERVICE-221-213 | (\$4,802.42) |
| 02/27/2024 | 511-2 | Cash Receipts | Deposit 228 - Summarized Cash Receipts Receipt Account Subtotals | \$45,905.24 |
| 02/29/2024 | | | Account Sublotais Account Net Change | \$41,102.82 \$41,102.82 |
| 02/29/2024 | | | Account Inding Balance | |
| Account: | 103-1200-01 (L | .ocal #1-Cash in Money Market) | | \$0,55E,015.50 |
| 02/01/2024 | | | Account Beginning Balance | \$110,186.30 |
| 02/27/2024 | 511-14 | Cash Receipts | Deposit 228 - Summarized Cash Receipts Receipt | \$641.88 |
| | | | Account Subtotals | \$641.88 |
| 02/29/2024 | | | Account Net Change | |
| 02/29/2024 | 104 1200 01 (1 | acal #2 Cash in Manay Markat) | Account Ending Balance | \$110,828.18 |
| Account: 02/01/2024 | 107-1200-01 (L | .ocal #2-Cash in Money Market) | Account Beginning Balance | \$300,911.34 |
| 02/27/2024 | 511-16 | Cash Receipts | Deposit 228 - Summarized Cash Receipts Receipt | \$697.80 |
| | | | Account Subtotals | \$697.80 |
| 02/29/2024 | | | Account Net Change | \$697.80 |
| 02/29/2024 | | | Account Ending Balance | \$301,609.14 |
| Account: | 105-1200-01 (L | .ocal #3-Cash in Money Market) | | *=00.456.00 |
| 02/01/2024 | F11 10 | Cash Basaints | Account Beginning Balance | \$780,456.33 \$2,210,50 |
| 02/27/2024 | 511-18 | Cash Receipts | Deposit 228 - Summarized Cash Receipts Receipt Account Subtotals | \$3,310.50 \$3,310.50 |
| 02/29/2024 | | | Account Net Change | |
| 02/29/2024 | | | Account Ending Balance | |
| Account: | 106-1200-01 (L | ocal #4-Cash in Money Market) | | |
| 02/01/2024 | | | Account Beginning Balance | \$1,281,535.26 |
| 02/27/2024 | 511-21 | Cash Receipts | Deposit 228 - Summarized Cash Receipts Receipt | \$18,518.15 |
| 02/29/2024 | | | Account Subtotals Account Net Change | \$18,518.15 \$18,518.15 |
| 02/29/2024 | | | Account Inding Balance | |
| | | | | |

| Account: | 107-1200-0 | 1 (Equipment-Cash in Money Mark | et) | |
|---------------|------------|----------------------------------|--|----------------------------------|
| 02/01/2024 | | | Account Beginning Balance | \$4,154,362.35 |
| 02/13/2024 | 507-4 | Cash Receipts | REVERSE-US FOREST SERVICE-221-213 | (\$2,889.34) |
| 02/27/2024 | 511-4 | Cash Receipts | Deposit 228 - Summarized Cash Receipts Receipt | \$26,146.84 |
| | | | Account Subtotals | \$23,257.50 |
| 02/29/2024 | | | Account Net Change | \$23,257.50 |
| 02/29/2024 | | | Account Ending Balance | \$4 <i>.</i> 177 <i>.</i> 619.85 |
| Account: | 108-1200-0 | 1 (High Ditch-Cash in Money Mark | | |
| 02/01/2024 | | | Account Beginning Balance | \$174,892.93 |
| 02/27/2024 | 511-24 | Cash Receipts | Deposit 228 - Summarized Cash Receipts Receipt | \$1,456.48 |
| | | | Account Subtotals | \$1,456.48 |
| 02/29/2024 | | | Account Net Change | \$1,456.48 |
| 02/29/2024 | | | Account Ending Balance | \$176.349.41 |
| Journal Entry | | | — | |
| Account: | 101-1100-0 | 1 (General-Cash in Checking) | | |
| 02/01/2024 | | | Account Beginning Balance | \$20,719,011.91 |
| 02/05/2024 | 497-4 | Journal Entry | To reclassify petty cash coding | \$183.35 |
| | | | Account Subtotals | \$183.35 |
| 02/29/2024 | | | Account Net Change | \$183.35 |
| 02/29/2024 | | | Account Ending Balance | \$20.719.195.26 |
| Account: | 106-1100-0 | 1 (Local #4-Cash in Checking) | | |
| 02/01/2024 | | | Account Beginning Balance | (\$1,318,298.04) |
| 02/05/2024 | 497-6 | Journal Entry | To reclassify petty cash coding | (\$100.00) |
| | | | Account Subtotals | (\$100.00) |
| 02/29/2024 | | | Account Net Change | (\$100.00) |
| 02/29/2024 | | | Account Ending Balance | (\$1.318.398.04) |
| Account: | 107-1100-0 | 1 (Equipment-Cash in Checking) | | |
| 02/01/2024 | | | Account Beginning Balance | (\$4,061,350.63) |
| 02/05/2024 | 497-5 | Journal Entry | To reclassify petty cash coding | (\$83.35) |
| | | | Account Subtotals | (\$83.35) |
| 02/29/2024 | | | Account Net Change | (\$83.35) |
| 02/29/2024 | | | Account Ending Balance | (\$4.061.433.98) |

| | Cash & Cash Equivalent Balances for last 5+ years | | | | | | | | | | | | |
|-----------|---|--------------|----|--------------|----|--------------|----|--------------|----|--------------|--|--|--|
| | 2020 2021 2022 2023 2024 | | | | | | | | | | | | |
| January | \$ | 2,698,995.65 | \$ | 1,595,797.77 | \$ | 1,808,499.63 | \$ | 1,811,994.37 | \$ | 1,600,418.18 | | | |
| February | \$ | 2,653,618.99 | \$ | 1,649,432.95 | \$ | 1,805,941.91 | \$ | 1,788,963.88 | \$ | 1,502,996.47 | | | |
| March | \$ | 2,608,927.11 | \$ | 1,486,551.79 | \$ | 1,858,591.28 | \$ | 1,686,319.00 | \$ | 1,543,071.47 | | | |
| April | \$ | 2,430,849.36 | \$ | 1,542,452.33 | \$ | 1,820,778.95 | \$ | 1,474,971.15 | | | | | |
| May | \$ | 2,347,656.69 | \$ | 1,668,053.83 | \$ | 1,670,141.12 | \$ | 1,626,377.74 | | | | | |
| June | \$ | 2,073,214.01 | \$ | 1,572,457.67 | \$ | 1,800,294.94 | \$ | 1,507,711.59 | | | | | |
| July | \$ | 1,915,363.18 | \$ | 1,449,159.71 | \$ | 1,563,023.36 | \$ | 1,471,224.14 | | | | | |
| August | \$ | 1,762,583.28 | \$ | 1,604,588.00 | \$ | 1,588,179.79 | \$ | 1,326,483.43 | | | | | |
| September | \$ | 1,734,127.72 | \$ | 1,523,514.42 | \$ | 1,421,835.88 | \$ | 1,196,776.31 | | | | | |
| October | \$ | 2,127,177.07 | \$ | 1,843,319.85 | \$ | 1,201,135.61 | \$ | 1,322,963.56 | | | | | |
| November | \$ | 1,835,973.02 | \$ | 1,603,494.30 | \$ | 1,858,446.11 | \$ | 1,776,139.04 | | | | | |
| December | \$ | 1,758,426.30 | \$ | 1,731,358.16 | \$ | 1,740,894.64 | \$ | 1,805,839.10 | | | | | |

Walker River Irrigation District February 2024 Bills & Payroll

| Payee | Check No. | Trans. Date | Amount | Billed To |
|---|-----------|-------------|-----------------|--------------------------|
| Ameritas Life Insurance Corp | 100801 | 02/07/2024 | \$ 1,086.70 | _ |
| Associated Concrete Pumping Material Belting | 100802 | 02/07/2024 | \$ 2,775.30 | NFWF- Colony |
| Codale Electric Supply | 100803 | 02/07/2024 | \$ 1,029.34 | NFWF- Colony |
| Ferguson Enterprises, Inc. 1423 | 100804 | 02/07/2024 | \$ 8,582.83 | NFWF- Colony |
| Pape' Machinery Exchange | 100805 | 02/07/2024 | \$ 17,136.00 | |
| PDM Steel Service Centers, Inc. | 100806 | 02/07/2024 | \$ 4,770.00 | NFWF- Colony |
| Quill | 100807 | 02/07/2024 | \$ 656.00 | |
| Sierra Office Solutions | 100808 | 02/07/2024 | \$ 39.37 | |
| Truckee Tahoe Lumber Co. | 100809 | 02/07/2024 | \$ 568.88 | NFWF- Colony |
| Alhambra | 300066 | 02/13/2024 | \$ 113.41 | |
| Allied Sanitation and Septic Services | 100811 | 02/13/2024 | \$ 125.00 | |
| City of Yerington | 100812 | 02/13/2024 | \$ 90.80 | |
| CMC TIRE INC SPO | 100813 | 02/13/2024 | \$ 1,089.43 | - |
| CSC | 100814 | 02/13/2024 | \$ 25.00 | - |
| Giomi, Inc. | 100815 | 02/13/2024 | \$ 2,002.23 | Partially billed to NFWF |
| Grainger | 100816 | 02/13/2024 | \$ 66.98 | , |
| JASON MILLIGAN | 100817 | 02/13/2024 | \$ 2,080.00 | Partially billed to NFWF |
| O'Reilly Automotive, Inc. | 100818 | 02/13/2024 | \$ 271.59 | |
| PDM Steel Service Centers, Inc. | 100819 | 02/13/2024 | \$ | NFWF- Colony |
| PERS Administrative Fund | 100820 | 02/13/2024 | \$ 12,555.46 | , |
| Pitney Bowes Global Financial Services LLC | 100821 | 02/13/2024 | \$ 35.00 | - |
| Public Employees' Benefits Program | 100822 | 02/13/2024 | \$ 870.23 | - |
| Raley's | 100823 | 02/13/2024 | \$ 238.80 | - |
| SCOTT ROBINSON | 100824 | 02/13/2024 | \$ 2,080.00 | Partially billed to NFWF |
| Southwest Gas Corporation | 100825 | 02/13/2024 | \$ 819.24 | |
| Standard Insurance Company | 100826 | 02/13/2024 | \$ 320.34 | - |
| USBWC | 100827 | 02/13/2024 | \$ 42,268.74 | - |
| Wedco Inc. | 100828 | 02/13/2024 | \$ | NFWF- Colony |
| Wells Fargo Card Services Payment Remittance Ce | 100829 | 02/13/2024 | \$ | Partially billed to NFWF |
| Woodburn & Wedge | 100830 | 02/13/2024 | \$ | Partially billed to NFWF |
| Xerox Corporation | 100831 | 02/13/2024 | \$ 393.24 | ,,, |
| Associated Concrete Pumping Material Belting | 100832 | 02/28/2024 | \$ 2,392.50 | NFWF- Colony |
| Ferguson Enterprises, Inc. 1423 | 100833 | 02/28/2024 | \$ 8,600.00 | NFWF- Colony |
| JASON MILLIGAN | 100834 | 02/28/2024 | \$ 1,920.00 | Partially billed to NFWF |
| Jim Menesini Petroleum | 100835 | 02/28/2024 | \$ 395.09 | |
| John Deere Credit | 100836 | 02/28/2024 | \$ 41.38 | _ |
| Lyon County Recorder | 100837 | 02/28/2024 | \$ 23.37 | _ |
| MBK Engineers | 100838 | 02/28/2024 | \$ 10,564.00 | Partially billed to NFWF |
| MF Barcellos | 100839 | 02/28/2024 | \$ 1,774.38 | Partially billed to NFWF |
| NV Energy | 100840 | 02/28/2024 | \$ 377.57 | |
| Pitney Bowes Global Financial Services LLC | 100841 | 02/28/2024 | \$ 10.91 | - |
| SCOTT ROBINSON | 100842 | 02/28/2024 | \$ 1,920.00 | Partially billed to NFWF |
| SCOTT KORINZON | 100842 | 02/28/2024 | \$ 1,920.00 | Partially billed to NFWF |

| 100850 100851 | 02/28/2024 02/28/2024 2/29/2024 2/29/2024 | \$ \$ \$ \$ | 37,064.35 60.44 35,924.77 6,115.27 | Partially billed to NWF |
|------------------|--|--|--|---|
| | 02/28/2024 | \$ | 60.44 | Partially billed to NWF |
| | · · · | | | Partially billed to NWF |
| 100850 | 02/28/2024 | \$ | 37,064.35 | Partially billed to NWF |
| | | | | |
| 100849 | 02/28/2024 | \$ | 1,150.83 | NFWF- Colony |
| 100848 | 02/28/2024 | \$ | 10,086.54 | Partially billed to NWF |
| 100847 | 02/28/2024 | \$ | 218.48 | _ |
| 100846 | 02/28/2024 | \$ | 19,948.64 | _ |
| 100845 | 02/28/2024 | \$ | 1,641.00 | NFWF- Colony |
| 100844 | 02/28/2024 | \$ | 16,300.00 | NFWF- Colony |
| 100843 | 02/28/2024 | \$ | 640.68 | |
| | 100844 100845 100846 100847 100848 100849 | 10084402/28/202410084502/28/202410084602/28/202410084702/28/202410084802/28/202410084902/28/2024 | 10084402/28/2024\$10084502/28/2024\$10084602/28/2024\$10084702/28/2024\$10084802/28/2024\$10084902/28/2024\$ | 10084402/28/2024\$16,300.0010084502/28/2024\$1,641.0010084602/28/2024\$19,948.6410084702/28/2024\$218.4810084802/28/2024\$10,086.5410084902/28/2024\$1,150.83 |

Wells Fargo Breakdown nt 1/23/2024

| Stater | ment 1/23/2 | 024 | |
|--|-------------|-------------------------------------|--------------------------|
| \$ | 155.04 | Pizza Hut- office christmas party | |
| \$ | (6.20) | Pizza Hut- rebate | |
| \$ | 298.81 | Lowes- Power drill | Billed to NFWF |
| \$ | 88.65 | Amazon.com- Tool belt | |
| \$ | 222.50 | Spaeth Technologies | Partially billed to NFWF |
| \$ | 441.23 | Home Depot- brad nailer | Billed to NFWF |
| \$ | 19.99 | Amazon.com- office calendar | |
| \$ | 162.50 | Microsoft Monthly Fee | |
| \$ | 790.02 | Cashman- edge replacement | |
| \$ | 19.99 | Adobe Monthly Subscription | |
| \$ | 31.57 | Amazon.com- hitch lock | |
| \$ | 1,152.34 | The Lock People- districtwide locks | |
| \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 39.00 | Wells Fargo- Fee | |
| \$ | 580.61 | Wells Fargo- Fee | |
| \$ | 3,996.05 | | |

Wells Fargo Breakdown Statement 2/21/2024

| state | ement 2/21/2 | 2024 | | | | | | | | | |
|---|---------------------------------------|-------------------------------------|--------------------------|--|--|--|--|--|--|--|--|
| \$ | 107.78 | Amazon.com- grease gun batteries | | | | | | | | | |
| \$59.51Home Depot- hole saw\$690.10Stevens Water- Staff Gauges\$152.89Amazon.com- angle grinder\$5,390.00Penhall Co- concrete removalBilled to NFWF\$54.65Death Valley Nut & Candy- Fuel NWRAPartially Billed to NF\$222.50Spaeth Technology- Monthly FeePartially Billed to NF\$38.08Shell Oil- Fuel NWRAPartially Billed to NF\$38.08Shell Oil- Fuel NWRAPartially Billed to NFWF\$385.48Tuscany Las Vegas- Hotel NWRABilled to NFWF\$385.48Tuscany Las Vegas- Hotel NWRABilled to NFWF\$385.48Tuscany Las Vegas- Hotel NWRABilled to NFWF\$385.48Tuscany Com- post-it tabsBilled to NFWF\$241.94Amazon.com- SCADA suppliesBilled to NFWF\$27.99Amazon.com- SCADA suppliesBilled to NFWF\$179.55Tops Products- 1099/96 filing feeBilled to NFWF\$164.37Amazon.com- SCADA suppliesBilled to NFWF\$164.37Amazon.com- SCADA suppliesBilled to NFWF\$244.63JW Welding- wireBilled to NFWF\$244.63JW Welding- wireBilled to NFWF\$44.73Amazon.com- SCADA suppliesBilled to NFWF\$33.16Amazon.com- SCADA suppliesBilled to NFWF\$34.1)Amazon.com- SCADA suppliesBilled to NFWF\$34.73Amazon.com- SCADA supplies | | | | | | | | | | | |
| \$ | \$ 690.10 Stevens Water- Staff Gauges | | | | | | | | | | |
| \$ | 152.89 | Amazon.com- angle grinder | | | | | | | | | |
| \$ | 5,390.00 | Penhall Co- concrete removal | Billed to NFWF | | | | | | | | |
| \$ | 54.65 | Death Valley Nut & Candy- Fuel NWRA | | | | | | | | | |
| \$ | 222.50 | Spaeth Technology- Monthly Fee | Partially Billed to NFWF | | | | | | | | |
| \$ | 38.08 | Shell Oil- Fuel NWRA | | | | | | | | | |
| \$ | 39.91 | Giggle Springs- Fuel NWRA | | | | | | | | | |
| \$ | 385.48 | Tuscany Las Vegas- Hotel NWRA | | | | | | | | | |
| \$ | 87.60 | Amazon.com- post-it tabs | | | | | | | | | |
| \$ | 58.32 | Amazon.com- SCADA supplies | Billed to NFWF | | | | | | | | |
| \$ | 241.94 | Amazon.com- grease gun kit | | | | | | | | | |
| \$ | 303.16 | Amazon.com- SCADA supplies | Billed to NFWF | | | | | | | | |
| \$ | 27.99 | Amazon.com- boot scrubber | | | | | | | | | |
| \$ | 45.00 | Dinis- staff meeting | | | | | | | | | |
| \$ | 179.55 | Tops Products- 1099/96 filing fee | Billed to NFWF | | | | | | | | |
| \$ | 164.37 | Amazon.com- SCADA supplies | Billed to NFWF | | | | | | | | |
| \$ | 162.50 | Microsoft.com- monthly fee | | | | | | | | | |
| \$ | 28.91 | Amazon.com- SCADA supplies | Billed to NFWF | | | | | | | | |
| \$ | 244.63 | JW Welding- wire | Billed to NFWF | | | | | | | | |
| \$ | 44.73 | Amazon.com- SCADA supplies | Billed to NFWF | | | | | | | | |
| \$ | (33.41) | Amazon.com- return refund | | | | | | | | | |
| \$ | 833.56 | Amazon.com- laser level | | | | | | | | | |
| \$ | 258.00 | Amazon.com- SCADA supplies | Billed to NFWF | | | | | | | | |
| \$ | 19.99 | Adobe- monthly fee | | | | | | | | | |
| \$ | 39.00 | Wells Fargo- fee | | | | | | | | | |
| \$ \$ \$ \$ \$ | 239.80 | Wells Fargo- fee | | | | | | | | | |
| \$ | 10,086.54 | | | | | | | | | | |
| | | | | | | | | | | | |

| | Legal Expenses for last 5 years- in CALENDAR years | | | | | | | | | | | | | | |
|-----------|--|------------|----|------------|----|------------|----|------------|----|------------|----|-----------|--|--|--|
| | 2019 2020 2021 2022 2023 2024 | | | | | | | | | | | | | | |
| January | \$ | 49,366.91 | \$ | 27,519.50 | \$ | 91,978.75 | \$ | 34,932.50 | \$ | 43,202.00 | \$ | 26,587.70 | | | |
| February | \$ | 26,816.90 | \$ | 35,946.10 | \$ | 112,658.30 | \$ | 36,874.47 | \$ | 45,161.42 | \$ | 37,064.35 | | | |
| March | \$ | 20,238.22 | \$ | 42,378.90 | \$ | 71,055.00 | \$ | 30,682.50 | \$ | 35,960.00 | | | | | |
| April | \$ | 33,802.35 | \$ | 38,281.75 | \$ | 32,827.47 | \$ | 38,681.77 | \$ | 47,092.50 | | | | | |
| May | \$ | 39,307.41 | \$ | 40,495.00 | \$ | 37,405.59 | \$ | 50,775.59 | \$ | 41,392.99 | | | | | |
| June | \$ | 32,246.10 | \$ | 32,134.50 | \$ | 42,480.00 | \$ | 66,923.19 | \$ | 32,289.00 | | | | | |
| July | \$ | 28,084.90 | \$ | 21,077.00 | \$ | 44,915.50 | \$ | 61,670.23 | \$ | 28,783.66 | | | | | |
| August | \$ | 34,060.00 | \$ | 47,057.48 | \$ | 50,448.05 | \$ | 44,790.00 | \$ | 26,272.50 | | | | | |
| September | \$ | 33,322.09 | \$ | 76,114.03 | \$ | 34,686.50 | \$ | 115,820.93 | \$ | 35,202.50 | | | | | |
| October | \$ | 25,099.20 | \$ | 63,705.68 | \$ | 52,842.50 | \$ | 50,673.00 | \$ | 30,507.50 | | | | | |
| November | \$ | 33,135.00 | \$ | 67,668.00 | \$ | 68,478.93 | \$ | 60,790.08 | \$ | 15,267.55 | | | | | |
| December | \$ | 33,203.10 | \$ | 62,750.40 | \$ | 19,994.53 | \$ | 47,589.00 | \$ | 29,640.00 | | | | | |
| | \$ | 388,682.18 | \$ | 555,128.34 | \$ | 659,771.12 | \$ | 640,203.26 | \$ | 410,771.62 | \$ | 63,652.05 | | | |

| | Legal Expenses for last 5 years- in FISCAL years | | | | | | | | | | | | | | |
|-----------|--|------------|----|------------|----|------------|----|------------|----|------------|--|--|--|--|--|
| | 2019/20 2020/21 2021/22 2022-23 2023-24 | | | | | | | | | | | | | | |
| July | \$ | 34,060.00 | \$ | 47,057.48 | \$ | 50,448.05 | \$ | 44,790.00 | \$ | 26,272.50 | | | | | |
| August | \$ | 33,322.09 | \$ | 76,114.03 | \$ | 34,686.50 | \$ | 115,820.93 | \$ | 35,202.50 | | | | | |
| September | \$ | 25,099.20 | \$ | 63,705.68 | \$ | 52,842.50 | \$ | 50,673.00 | \$ | 30,507.50 | | | | | |
| October | \$ | 33,135.00 | \$ | 67,668.00 | \$ | 68,478.93 | \$ | 60,790.08 | \$ | 15,267.55 | | | | | |
| November | \$ | 33,203.10 | \$ | 62,750.40 | \$ | 19,994.53 | \$ | 47,589.00 | \$ | 29,640.00 | | | | | |
| December | \$ | 27,519.50 | \$ | 91,978.75 | \$ | 34,932.50 | \$ | 43,202.00 | \$ | 26,587.70 | | | | | |
| January | \$ | 35,946.10 | \$ | 112,658.30 | \$ | 36,874.47 | \$ | 45,161.42 | \$ | 37,064.35 | | | | | |
| February | \$ | 42,378.90 | \$ | 71,055.00 | \$ | 30,682.50 | \$ | 35,960.00 | | | | | | | |
| March | \$ | 38,281.75 | \$ | 32,827.47 | \$ | 38,681.77 | \$ | 47,092.50 | | | | | | | |
| April | \$ | 40,495.00 | \$ | 37,405.59 | \$ | 50,775.59 | \$ | 41,392.99 | | | | | | | |
| May | \$ | 32,134.50 | \$ | 42,480.00 | \$ | 66,923.19 | \$ | 32,289.00 | | | | | | | |
| June | \$ | 21,077.00 | \$ | 44,915.50 | \$ | 61,670.23 | \$ | 28,783.66 | | | | | | | |
| | \$ | 396,652.14 | \$ | 750,616.20 | \$ | 546,990.76 | \$ | 593,544.58 | \$ | 200,542.10 | | | | | |

| | Bridgeport Reservoir | Topaz Reservoir |
|--------------------------------|----------------------|-----------------|
| Current Pool AF | 40530 | 55160 |
| % Currently Stored | 96% | 92% |
| Max Capacity AF | 42355 | 60000 |
| Remaining Pool Space AF | 1825 | 4840 |
| Current Elevation Feet | 6459.34 | 5003.11 |
| Max Elevation Feet | 6459.94 | 5005.00 |
| Remaining Elevation Space Feet | 0.60 | 1.89 |
| Virginia Creek | 13 | |
| Green Creek | 17.9 | |
| Robinson Creek | 20.7 |] |
| Buckeye Creek | 24 |] |
| Bridgeport Outlet | 49 |] |
| Strosnider | 85.3 |] |
| East Walker NR Mason | 86.8 | |
| W Walker BLW L Walker | 80.3 | |
| W Walker NR Coleville | 103 | |
| Topaz Inlet | 151 |] |
| Topaz Outlet | 8.98 |] |
| Ноуе | 58.4 |] |
| Hudson | 63.2 | |
| Mason | 179 | l |
| Weir | 127 | l |
| Mason Valley WMA RR xing | 143 |] |
| Wabuska | 170 | |

Т

F

EAST ALLOCATION

2024

| Additional | | | | | | | | |
|------------|---------------------------|-------|---------|-------|-------------|-----------|----------------|-----------|
| Bridgeport | Acre Base Current Storage | | Storage | Total | Evaporation | Min. Pool | Transportation | Available |
| | 32647.18 | 40530 | 0 | 40530 | 7876.38 | 2000 | 9196.086 | 21457.534 |

*As of March 7, 2024

With 30% Transportation.

| | | Daily | Pan | |
|-----------|---------|-------------|-------------|--|
| Elevation | | Evaporation | Evaporation | |
| March | 6458.00 | 18.56 | 464 | |
| April | 6457.00 | 20.43 | 612.9 | |
| May | 6456.00 | 29 | 899 | |
| June | 6455.00 | 38.36 | 1150.8 | |
| July | 6454.00 | 49.86 | 1545.66 | |
| August | 6453.00 | 49.66 | 1539.46 | |
| September | 6452.00 | 34.86 | 1045.8 | |
| October | 6451.00 | 19.96 | 618.76 | |
| Total | | | 7876.38 | |

| Allocation Total | |
|------------------|--|
| 66% | |

Allocation Recommendation Between 66% - 70%

3/7/2024

WEST ALLOCATION

2024

| Additional | | | | | | | | |
|------------|-----------|---------|---------|-------|-------------|-----------|----------------|-----------|
| Topaz | Acre Base | Current | Storage | Total | Evaporation | Min. Pool | Transportation | Available |
| | 48954.24 | 55160 | 0 | 55160 | 7373.74 | 3500 | 13285.88 | 31000.38 |

*As of March 7, 2024

With 30% Transportation.

| | | Daily | |
|-----------|-----------|-------------|-----------------|
| | Elevation | Evaporation | Pan Evaporation |
| March | 5002.00 | 15.32 | 383 |
| April | 5001.00 | 17.38 | 521.4 |
| May | 5000.00 | 25.46 | 789.26 |
| June | 4999.00 | 34.8 | 1044 |
| Juty | 4998.00 | 46.79 | 1450.49 |
| August | 4997.00 | 48.12 | 1491.72 |
| September | 4996.00 | 35 | 1050 |
| October | 4995.00 | 20.77 | 643.87 |
| Total | | | 7373.74 |

| Allocation Total | |
|------------------|--|
| 63% | |

Allocation Recommendation Between 63% - 70%