



## *Upper Gunnison River Water Conservancy District*

210 West Spencer Avenue, Suite B • Gunnison, Colorado 81230  
Telephone (970) 641-6065 • [www.ugrwc.org](http://www.ugrwc.org)

### **BOARD OF DIRECTORS** **AGENDA – REGULAR BOARD MEETING**

Monday, October 23, 2023 at 5:30 p.m.

210 West Spencer, Suite B, Gunnison

Zoom Registration: [https://us02web.zoom.us/joining/register/tZEKfuqogjMtHNYKwQ\\_7ymADj845pS5Fpk8k](https://us02web.zoom.us/joining/register/tZEKfuqogjMtHNYKwQ_7ymADj845pS5Fpk8k)

### **MISSION STATEMENT**

To be an active leader in all issues affecting the water resources of the Upper Gunnison River Basin.

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| <b>5:30 p.m.</b> | <b>1. Call to Order</b>  |
| <b>5:31 p.m.</b> | <b>2. Agenda Approval</b>  |
| <b>5:33 p.m.</b> | <b>3. Consent Agenda Items:</b> Any of the following items may be removed for discussion from the consent agenda at the request of any Board member or citizen. <ul style="list-style-type: none"><li>• Approval of September 25, 2023, Meeting Minutes</li><li>• Memo Addressing September Budget Summary Questions</li><li>• Consideration of Operating Expenses</li><li>• Consideration of Non-Operating Expenses</li></ul> |
| <b>5:35 p.m.</b> | <b>4. Legal and Legislative Matters</b>  |
| <b>5:45 p.m.</b> | <b>5. Wet Meadows Presentation, Introductions, Q &amp; A and Dinner Break</b>  |
| <b>6:10 p.m.</b> | <b>6. 2024 Draft Budget Discussion</b> <ul style="list-style-type: none"><li>• 2024 Draft Budget Message</li><li>• Review of 2024 Revised Draft Budget</li><li>• Discussion of Proposition HH</li></ul>  |
| <b>6:30 p.m.</b> | <b>7. Basin Water Supply Update</b>  |
| <b>6:40 p.m.</b> | <b>8. General Manager, Staff and Committee Updates</b> <ul style="list-style-type: none"><li>• Treasurer's Report</li><li>• General Manager Report</li></ul>   |

- Executive Committee Meeting
- State Water Quality Matters
  - Fee Setting
  - State Revolving Fund Loan Program IUP Approval
  - State Water Quality Monitoring Report to EPA
  - Homestake Pitch Mine: Draft Discharge Specific Variance
- U.S. Senate Ag Committee Call for Cut in Red Tape
- State Drought Task Force Update
- Upper Gunnison Water Budget & Irrigation Return Flow Study Update
- Town of Crested Butte Source Water Protection Planning Update
- Wet Meadows Program Update
- Taylor Reservoir Update
- Scientific Endeavors
- CRWCD Oct 17 & 18, 2023 Meeting

- 7:30 p.m. 9. Miscellaneous Matters**
- UGRWCD Board and Staff Holiday Party following November 27, 2023 Board Meeting – location TBA
- 7:35 p.m. 10. Citizens Comments**
- 7:40 p.m. 11. Future Meetings**
- 7:45 p.m. 12. Summary of Meeting Action Items**
- 7:50 p.m. 13. Adjournment**

Note: This agenda is subject to change, including the addition of items or the deletion of items at any time. All times are approximate. Regular meetings, public hearings, and special meetings are recorded, and action can be taken on any item. The Board may address individual agenda items at any time or in any order to accommodate the needs of the Board and the audience. Persons with special needs due to a disability are requested to call the District at (970) 641-6065 at least 24 hours prior to the meeting.

# **AGENDA ITEM 3**

**Consent Agenda Items**

**Upper Gunnison River Water Conservancy District  
Regular Meeting Minutes of the Board of Directors  
September 25, 2023 at 5:30 p.m.**

The Board of Directors of the Upper Gunnison River Water Conservancy District (UGRWCD) conducted a regular meeting on Monday, September 25, 2023 at 5:30 p.m. in the District office, 210 West Spencer Avenue, Suite B, Gunnison, CO, 81230 and via Zoom video/teleconferencing.

Board members present: Rosemary Carroll, Joellen Fonken, Rebie Hazard, Stacy McPhail, Julie Nania, Bill Nesbitt, John Perusek (via Zoom), Michelle Pierce, Mike Rogers, Don Sabrowski and Andy Spann.

Others present:

Kathleen Curry, CRWCD Representative for Gunnison County

Cheryl Cwelich, Water Resource Specialist I

David Gochis, UCAR/NCAR

Jesse Kruthaupt, Trout Unlimited

Andrew Lockman, Citizen, Crested Butte South

John McClow, UGRWCD General Counsel

Luke Mecklenburg, Colorado Attorney General's Office (via Zoom)

Alana Nichols, UGRWCD Fellow (via Zoom)

Beverly Richards, Water Resource Specialist II/Office Manager

Tommy Rozman, Division of Natural Resources

Sue Uerling, UGRWCD Admin. Asst/Communications Support Specialist

**1. Call to Order**

Board President Michelle Pierce called the meeting to order at 5:35 p.m.

**2. Agenda Approval**

**Director Stacy McPhail moved and Director Rosemary Carroll seconded approval of the agenda. The motion carried.**

**3. Consent Agenda Items**

Director Rebie Hazard requested the removal of the Monthly Budget Summary for further

discussion. President Pierce asked for a motion to approve the remainder of the Consent Agenda items.

**Director Joellen Fonken moved and Director Bill Nesbitt seconded approval of the remaining consent agenda items including the August 28, 2023 Minutes and the August 2023 Expenses and late July 2023 Expenses. The motion carried.**

Director Hazard questioned the overage of 133% to date for Board of Directors' Mileage expenses. Rebie wondered why this category is so far over budget. Sonja said she will have staff look into the matter to report back at the next meeting.

Director Hazard also asked if the building expenses category was over budget due to the acquisition of Suite A and Sonja answered that yes, with taking over utilities and some cleaning and maintenance on Suite A, this was likely the reasoning.

After the discussion, President Pierce asked for a motion to approve the Monthly Budget Summary for August 2023.

**Director Mike Rogers moved and Director Bill Nesbitt seconded approval of the Budget Summary for August 2023. The motion carried.**

4. **Presentation on Overview of 2023 Water Year by David Gochis, University Corporation for Atmospheric Research**

Dave Gochis provided a slide show on UCAR/NCAR's Water Supply Forecasting for water year 2023. He noted that their work in Colorado began in 2009 from radar and flood modeling to a major expansion in the past couple of years in ASO assimilation with the goal of improving water cycle prediction. Dave said he and his partners conducted observational activities from SnoLite sites at Tin Cup and Mirror Lake and also compiled data from Snotel sites and ASO flights to incorporate for a better modeling process. David reviewed the water year results from the various drainages in the basin and noted that even though the winter provided above average snowpack/precipitation, current observations are showing a fairly dry soil profile with current soil moisture levels measuring less than they were back in November 2022. Dave said this could have an impact on next spring's runoff and resultant stream flows. Dave reported that there was a lot less variability in their modeling thanks to the ASO assimilation.

Dave noted that his team has been packaging all of the data into regular reports throughout the year with weekly reports throughout the winter. He said these reports have been presented to the TLUG group at their meetings this spring and summer to help the representatives make recommendations on managing releases from Taylor.

Dave also reported that his team is looking into the possibility of putting a SnoLite observation site in the upper Tellurium Creek drainage, which could provide some valuable data in the upper northwest basin. Presuming the weather cooperates, he said they should be conducting a site visit in the next couple of weeks.

Director Don Sabrowski asked Dave what has to fall into place for the Tellurium Creek site to go forward. Dave replied that at the site visit, his team will determine if there is a suitable location that is not overly exposed to the wind and not too vertical as it needs to be a relatively flat area. Presuming a suitable location is found, then it will be a matter of working with landowners for permission to utilize the site. Assuming all of this is successful, his team would place an order for the equipment next spring and deploy next summer. His team would then coordinate with the NCRS to make sure the data feeds remain identical to the other data sites and are functioning properly. David said funding would also need to be secured.

Director Rosemary Carroll asked if there is a way to use past ASO data that was collected to use in the modeling. Dave replied that, “yes,” past data can help with predicting trends but that this cannot replace real-time data. He said that they can see where there are biases in certain areas, which can result in systemic biases in the model. He said you can’t assume that nature is going to express itself in the same way and so real-time data is crucial. He noted that in any given year, there is still so much variability even within the models that it would be hard to say, “we’ve got enough data, we’re good.”

Dave concluded by saying that not only was the low soil moisture content unusual this water year given the snowpack, but it was also surprising how much low elevation snowpack was prevalent this year. Dave said the ASO flights really helped his team observe these conditions.

General Manager Sonja Chavez reported that on September 13<sup>th</sup>, she and Water Resource Specialist Beverly Richards made a presentation at the ASO Annual Workshop to give attendees the local story about the importance of ASO data in the basin. She felt the presentation was well received and that some of the folks from California in particular were surprised by how much the data is used here. Dave noted that the Upper Gunnison River District has been one of the longest-term partners ASO has had in Colorado and can provide testament of how important the ASO flights are for forecasting in this region. He said the ASO folks were very appreciative of the District’s support of the program.

Sonja also reported that she has been approached by individuals from Applied Research about writing a letter of support to NOAA for a research project they’d like to do utilizing doppler radar to calculate SWE in snowpack, but she has not been able to learn much about their snow science experience or who they are and because of this, she declined to write a letter.

Director Rosemary Carroll commended the work UCAR/NCAR is doing in the state and

appreciates the how they utilize a “really good combination of high-level products with on-the-ground observations and data” which she said is “pretty cool.”

5. **Break (No dinner break taken as everyone grabbed food at the beginning of the meeting.)**

6. **2023 Budget Amendment Items**

Sonja reviewed the 2023 Budget Amendment memorandum in the packet which outlined the four items that were not included in the original approved 2023 Budget, which are: the purchase of the Toyota Tacoma truck; the purchase of Spencer Business Park condominium Unit A; the roof replacement of the entire Spencer Business Park building and the Water Budget/ Irrigation Return Flow study with the USGS. Sonja is still waiting on final cost estimates for the USGS study.

Staff will work with Tom Stoeber CPA to prepare the amended 2023 budget to present to the board and public for approval.

Director Rosemary Carroll asked if the District would be receiving a more detailed proposal from the USGS on the Water Budget/Irrigation Return Flow study as she still had some questions following their presentation to the Board last month. Sonja replied that she would definitely follow up on that and hoped to assemble a small group from the Board, perhaps Julie, Andy, Stacy, Rosemary and whomever else had questions, to meet with the USGS representatives to go over any concerns and what is expected from their deliverables.

Director Bill Nesbitt asked how this might affect the mill levy and it was pointed out that these amendments are for the 2023 budget and that there would be no need to change the current mill-levy.

7. **2024 Budget**

General Manager Chavez reported that just today, the District received a spreadsheet from Saguache County with revised property tax information with valuations based on Proposition HH. Sonja said she had not received this information from any of the other counties represented in the District and that she is still trying to understand the impact of Proposition HH on local budgets. President Pierce said that her understanding is that special tax districts will need to prepare a budget based on the assessed valuations as presented to date and then also have a budget prepared that takes into consideration the amounts listed on the Proposition HH spreadsheet.

Under Watershed Management Program Income, Sonja noted that the HAB’s Study income is broken down into two categories in order to separate Phase I and Phase. Sonja said that all partners of the HAB study are being asked to come up with approximately \$50,000 each for the study. The District still has about \$10,000 left from Trout Unlimited RESTORE income. There is about \$50,000 left from the 2023

District Grant Program that will be available for rollover in 2024. She pointed out to the Board that at this time, the 2024 budget will finish with nearly \$639,000 in surplus that can be rolled into reserves and that there have been no withdrawals from reserves to date this year.

With respect to the Spencer Avenue Business Park renovation, the estimate came in at \$209,000, which was more than the District wanted to take on at this point. Therefore, staff elected to remove the back deck, the additional kitchenette upstairs and not block off the stairwell from the front entrance. Sonja noted all offices will have their own individual locks and will be uniquely keyed for security purposes. Director Nesbitt asked about the back door to Unit A and Sonja responded that yes, it will be addressed and was included in the estimate. Following the changes, a revised estimate was received for approximately \$160,000. Director Nesbitt said it was unfortunate that the District only got one response to the request for an estimate on the Unit A renovations. General Counsel John McClow replied that the District did receive four responses, but three of them just said “no thanks” to submitting a bid as their schedules were already full.

With respect to line 47 regarding the District Grant Program, Beverly Richards said she would like to have input from the Board to finalize the figure to use for the 2024 budget since at the last meeting there was discussion about whether to use the figure of \$200,000 or \$250,000, keeping in mind that there will be \$50,000 from the 2023 budget that is unspent and available to rollover in 2024. Director Nesbitt said that he would like to see the grant program stay strong and stable and continue to grow as it has in recent years. Therefore, his suggestion was to include \$250,000 for the grant program in the 2024 budget, which with a rollover of \$50,000, would provide a total of \$300,000 of available funding in 2024. Director Julie Nania agreed saying since the District will be carrying a significant amount into reserves and in the past, the grant committee has not funded certain applications in order to stay within the budget, she thinks the District will continue to see growth in the program. Sonja noted there were quite a number of delays in applicants getting their projects going this year and she said there will be a number of requests for extensions. Director Rosemary Carroll asked if there was a common denominator for why some of the grantees would not finish in 2023. Beverly replied that she felt a lot of the delays were due to weather as applicants were not able to get started on their projects until late spring. Beverly said there were also a couple of cases where Katie Jagt of Watershed Science Design made suggestions to improve projects and the applicants are now implementing the suggestions. Bill asked if there were any applications in 2023 that were not funded due to lack of District funding in the budget. Beverly replied “no” that there was just one that turned in the application late and therefore was not considered. The consensus was for Beverly to update the Grant line item to \$250,000 for the 2024 draft budget.

With respect to Line Item 54 for Public Outreach and Education, Sonja reported that staff was able to coordinate with Lake City Schools to get students to RMBL for field trips this fall, so additional funding has been designated in the 2024 budget for RMBL field trips for Lake City School. Director Bill Nesbitt noted that the District has consistently provided free water books to Lake City first graders for a number of years now. Sonja noted she requested that the Lake Fork Valley Conservancy utilize the \$10,000 the District provides to them each year to assist with coordinating educational activities with the local school.



President Michelle Pierce asked if there were any more comments on the 2024 proposed draft budget. No other comments were made.

General Manager Sonja Chavez said she wanted to inform Board members that an employment offer was made to Ari Yamaguchi, one of the Wet Meadows interns this past year. Sonja noted that with up to \$40,000 in grant income from Wet Meadows, Ari's hiring will have little financial impact to the District's payroll expenses in 2024. Sonja said Bev will be moving over to Medicare, which will free up some funds so that Ari can be a fully benefitted employee. Sonja said Ari has his master's degree and will be able to provide support with the water budget and irrigation return flow study, water quality, as well as for operation and maintenance of equipment for the study. Director Bill Nesbitt asked when Ari would start and Sonja said January 2024.

Sonja reported that the original contract with Tom Stoeber CPA LLC only went through August 2023 for bookkeeping and accounting services. This was so that Tom and Alisha would have time to become familiar with the District's finances. Tom has now submitted a new contract that will extend through the end of December 2023. Basically, it provides for \$3,000 per month for Alisha's time at her rate of \$100 per hour. Sonja said that Beverly and Sue have been working to have all invoices and payment requests ready to go when Alisha comes in, which has streamlined the process. Sonja said it is estimated that the 2024 contract for accounting services will come in at approximately \$51,000 per year, which includes extra for Tom to be able to help with the audit and other reporting as needed. Sonja said that by contracting out the accounting services, it is saving the District almost \$20,000 a year, not including any employee benefit savings.

**Director Bill Nesbitt moved and Director Michelle Pierce seconded approving the agreements with Thomas N. Stoeber CPA LLC for the remaining months of 2023 and the new contract for 2024 to provide bookkeeping and accounting services for the District. The motion carried.**

## **8. Basin Water Supply Update**

Water Resource Specialist Beverly Richard said western Colorado is drying out and as Dave Gochis pointed out, the soil moisture content is very low at this time. Director Rosemary Carroll noted that ground water levels are not coming back up in spite of good snowpack last year. This will likely have an impact on stream flow efficiency and might affect Taylor River operations in the spring. Bev said August 2023 was the 10<sup>th</sup> warmest August on record across the state. Director Rebie Hazard noted that she was thrilled that Blue Mesa filled to 95 percent this year, even though some wondered how that happened. General Counsel John McClow reported that in the packet he had included the detailed explanation from CO Water Congress on the Colorado River Water Recovery Program. As of September 30, 2023, Congress has appropriated \$173,552,000 in support of the Program and authorized \$115,774,000 in Colorado River Storage Project Colorado River Project hydropower revenues to support the Program.

Total program costs FY 1989 through FY 2023 were \$478,919,000, including non-federal contributions and credits to participants for various activities.

## **9. General Manager's, Committee and Staff Reports**

**Treasurer's Report** – Treasurer Bill Nesbitt reported that the Federal Reserve did not raise rates at their most recent meeting. He noted that there is still a 45% chance in November and 48% chance in January that they will raise rates a quarter point each time. Of the five area foreclosures Bill noted at the last meeting, he said three have been resolved and two are left pending foreclosure. He said the current federal prime rate is 8.5% and it is a little higher here in Colorado. Consumer spending is still up, and the US debt has now climbed to \$33.108 trillion. The City of Denver is in the process of buying 16 commercial buildings to convert into housing. Bill noted that over 43 million people in the US are getting food stamps. He said the District is in great shape and that District investments are earning a good average rate of return even through the recent down cycles and that the investments are laddered well for maturities. He noted that in working with the District's investment counselor, they have elected to stay pat on existing investments and not buy anything new at this time. Bill said that if anyone sees advertisements for CD's earning seven percent interest, these are one-year rates from credit unions, and the District is not allowed to invest in credit union offerings. Bill noted that farm income is expected to decrease overall for 2023, but futures on cattle are expected to increase by 13 percent. Director Rebie Hazard asked if the District has come to any decision about switching banks locally and Sonja reported that staff is still working on researching alternatives.

### **General Manager's Memorandum:**

- A. Spencer Avenue Business Park Update:** As reported during the 2024 budget discussion, Sonja said the estimate came in at \$160,000 for the renovations on Unit A of the building.
- B. Colorado Employer's Benefit Trust (CEBT) Medical Insurance Premium Increase:** Sonja reported that there will be a medical insurance premium increase of approximately five percent in 2024. She noted that this amounts to \$50.60 per employee and felt this was something that could be absorbed into the District's general fund with the Board's approval. Sonja will also be talking to CEBT about the possibility of staff being able to purchase voluntary life and AD&D supplementary policies. President Michelle Pierce asked for a motion to approve the increase.

**Director Stacy McPhail moved and Director Bill Nesbitt seconded the approval of the CEBT 2024 renewal rate with the five percent increase and approved submitting the documentation by the deadline of October 15, 2023. The motion carried.**

- C. Informal Mill Levy decrease discussion with Saguache County Commissioners:** Sonja reported that she attended the Saguache County public meeting about the possibility of temporarily reducing the mill levy in order to give some relief to Saguache county residents. The Hinsdale County School

District noted that, while they understood the sentiment for reductions, the financing requirement for some of their bonds does not allow for such reductions. Sonja said it was a respectful discussion with several tax districts represented. Sonja noted that for the UGRWCD, the difference in tax income collected from \$8,500 in 2023 to \$11,000 will not provide much relief to their constituents. Sonja said they appreciated the discussion and she said she would be happy to draft a letter to that effect if the Board advised her to do so. The board asked that she send a letter to Saguache County.

D. Water Quality Update: Sonja reported the annual water quality and quantity meeting was held on August 30, 2023. With regard to the cost of the annual program, the USGS informed their partners that they will see a 5.1 to 10.7 percent increase in annual program costs because of supply chain issues, increasing travel and laboratory costs. The District will see a 7.6% increase in 2024 which amounts to \$7,488. The total cost for the District in 2024 is \$106,550. USGS is having to pass on costs to all partners as federal funding under their Cooperative Matching Program has remained flat.

Director Julie Nania asked if the USGS can be of any help in providing additional monitoring of the Taylor Reservoir for any impact from dissolved nitrogen. Julie noted with it being a small reservoir and being a gold medal fishery, while she is not worried about increasing temperatures, she does feel nitrogen is something to stay on top of since it impacts so many different kinds of users. Sonja offered to check into this.

The District hosted the Water Quality Control Commission for their Annual Planning Retreat in Gunnison on September 11<sup>th</sup> and 12<sup>th</sup>. Commissioners were treated to a boat tour of Blue Mesa Reservoir where the harmful algae bloom study was discussed. The District provided funding for the camping/evening barbecue site and stand-up paddle boards for recreational entertainment.

Director Rosemary Carroll asked if there is a government shutdown, would that affect water quality testing, possibly causing delays. Sonja said she had just talked to Katie Walton-Day today about this and she mentioned that they may switch to relying on partner funding sources during a potential government shutdown in order to keep testing going.

Director Bill Nesbitt noted that Gunnison County is the only county in the state to have all 17 species of bats within its boundaries.

E. Drought Contingency Planning (DCP): UGRWCD Fellow Alana Nichols reviewed the memo included in the packet and said the DCP task force met at the District offices on September 8<sup>th</sup> with 16 task force members present. It was noted that their next meeting will be October 26, 2023, and Cheryl Cwelich will also be transitioning into being the project lead. Likewise, Erin Wilson of Wilson Water group will provide water rights consultation support. Sonja said the State of Colorado Drought Planning task force also has been meeting and asking for public input. The first hour of every meeting is dedicated to taking public input and members are being sent home with homework in order to be able to facilitate them moving through discussions. Their next meetings will be on September 28<sup>th</sup> and

October 12<sup>th</sup> respectively. Anyone can listen in to these meetings, so if Board members are interested, Sonja can send the meeting link.

F. Water Budget and Irrigation Return Flow Study: Sonja said the District will compile a small work group to get together to come up with information the District is hoping to learn from the study so she asked if anyone else on the Board would be interested in coming to the work group meeting besides just Director Nania, Director Carroll and Director Spann. Director McPhail also would like to attend.

G. Town of Crested Butte Water Protection Planning: The second meeting for this group will be the following week after the Board meeting, so staff will provide an update at the October meeting.

H. Wet Meadows Program: Program Director Cheryl Cwelich provided a memo in the Board Packet and there was a brief discussion about the prairie dog vaccination bait administration. Cheryl noted that this was a reciprocated project for Colorado Parks and Wildlife, since they are a partner in the Wet Meadows Program.

I. Education and Outreach: Committee Chair Director Mike Rogers reported the group met on August 31<sup>st</sup> to formulate the action plan and budget needs for 2024. He noted that 2024 will be the 65<sup>th</sup> Anniversary of the UGRWCD so there will be some celebrations planned as well as a ribbon cutting for Suite A when it is finished. He said the committee is recommending a total of \$61,485 for the 2024 budget for education and outreach activities and projects. There was also discussion about holding a Board and Staff Retreat during the winter months.

J. Taylor Local Users Group: Chair Don Sabrowski reported that after cruising through the summer with plenty of water, September has been a challenge as inflows into Taylor were significantly lower than the model predicted. He noted that it has been a challenge to meet the needs of all of the water users through the end of the month, primarily the rafters and ag users, while assuring the group meets the end-of-year storage objective of 75,000 acre-feet. Don also noted that the group must take into consideration that brown trout spawning occurs in mid-October and that it's important to stabilize flows by then to protect the macroinvertebrates. Director Andy Spann added that he felt the group had done a pretty good job of finding common ground among all of the users but that there are always different points of view when it comes to the fishery, as Ernie Cockrell does not necessarily agree with the recommendations of Dan Brauch from the CPW that the fishery will do fine with a flow of 75 to 100 cfs. Andy said he will be interested in seeing the figures that Erik Knight, from the Bureau of Reclamation, comes up with based on a couple of scenarios the TLUG suggested for decreasing flows to meet the year-end objective. General Manager Sonja Chavez said she had just gotten those figures from Erik right before the meeting and will share them with the group afterwards. Director Rosemary Carroll asked how the group compensates for a forecast that is either a little too high or a little too low and Andy noted that it is much more difficult during a dry year. Chairman Sabrowski said that in hindsight, he thought the group should have elected to have decreased some of the flow rates at the beginning of the summer to hold back more for September when both ag users

and rafters need the water. He said the scenario of dealing with lower-than-expected water availability seems to be a problem every year with the models in September. Sonja noted that she feels the group is starting to lean more towards using the WRF Hydro forecasts as they have been a little more accurate. The next meeting will be Wednesday, September 27 at 1:00 p.m.

K. Scientific Endeavors: Director Rosemary Carroll said she has been working in “proposal mode” for a proposal that is due in early November. She noted that her colleague, Ken Williams, had attended a meeting with folks from the beaver dam analog project and the US Forest Service where they discussed some baseline monitoring that will begin in the Taylor Reservoir at Trail Creek as part of a Department of Energy (DOE) grant. She feels this is an exciting opportunity for those groups and the District to overlap for data purposes. She said she will be attending an online workshop by the USGS NGWOS (Next Generation Water Observing System) that will be offered online beginning Thursday, September 29<sup>th</sup>. Rosemary offered to share the link with anyone interested. Director Bill Nesbitt asked why the DOE is interested in the beaver dam analog project. Rosemary explained that the beaver dams offer a unique “wet up” and “dry down” scenario for studying what happens to neighboring and sub-surface water and the effects on water quality and quantity. She noted that the DOE works with massive Earth-scale computer models that will generate high-fidelity, real-time data on water quantity, water quality and power generation to support modern prediction and decision-support systems that are necessary for informing water operations on a daily basis, as well as assist with decision-making during water emergencies. Sonja noted that this is a great opportunity to get pre-study and post-study information related to the impacts of forest management on quality and quantity. Sonja said that the meeting with the U.S. Forest Service was primarily meant to get them up to speed with all the specific details the study will entail and to get them to sign off on the initial clearances (NEPA). Rosemary explained that while you might not get the exact data you are wanting out of the study it is important to not let the “perfect” get in the way of the “good” that can come out of it.

Sonja reported that the Colorado Water Conservation Board had called her to ask for her help in finding a landowner in the District who would be willing to have an eddy covariance flux tower which would monitor evapotranspiration. Sonja said she had a couple of ideas of landowners and that the more data collected in the basin the better for the District. Director Carroll and Director McPhail offered to help with suggestions.

On that same note of the more data, the better, Director Stacy McPhail reported that CB Ranches and Gunnison Legacy are now part of an \$18.5 million five-year national study to look at groundwater interaction. She said a carbon flux tower was just installed at a ranch in Brush Creek on non-irrigated rangeland and that Ken Williams is aware of this study. The study is being funded primarily by Noble Research Institute, which recently switched from a foundation to a company who will provide research on agricultural challenges. The study is being led by soil bio geochemists from Michigan State University and University of Wyoming with help from several other universities with an agricultural

focus. Stacy said this will be an interdisciplinary study which is based on normal grazing practices in the highest elevations.

Director Bill Nesbitt asked if the science was pushing the grant dollars or if grant dollars were pushing the science. Director Carroll acknowledged that she understands where Bill's question is coming from but said she would argue that the science is very important right now with all of the overlapping water challenges, particularly in the west, and she feels the science is appropriate and is driving the dollars. She also noted that the funding is determined by Congress, so it is really up to them.

General Manager Chavez said she recently heard from Neil Bracken from Advance Radar Company in Boulder and that their Board is having issues determining priorities for radar sites and therefore, Neil is concerned that it may not be possible to get the proposed radar site installed on the mountain prior to snowfall. He is offering to install a mobile unit on a temporary sight and then look at the permanent installation in the spring. Sonja asked Director Carroll if it might save time to go back to one of the previous sites that her colleagues had previously used at CBMR. Director Mike Rogers asked what the size is of one of these units and David Gochis of UCAR answered on Zoom chat that they are about the size of a double outhouse. There was discussion about possibly using W Mountain or the airport as a site. Rosemary encouraged Sonja to reach out to Ken Williams since he had already done some research on sites in the past.

L. Gunnison Basin Roundtable (GBRT): General Manager Chavez said at their meeting the education and outreach team gave an update about the PEPO program and the advertisements they have been running in various papers throughout the basin to educate adults about water issues and water rights. Sonja said it sounded hopeful that the group will receive more PEPO funding in November.

Sonja said the GBRT reviewed three grant applications as follows: one for some emergency piping for the Highland Ditch; one for ASO snow flights gap funding in the North Fork Valley; and one for \$25,000 for Tongue Creek Meandering project to return the creek to its natural, meandering flow.

Sonja said that Amy Ostdiek gave an update about some interstate issues she is working on and the Colorado River District reminded attendees that they have funds available for engineering consultation.

Director Bill Nesbitt added that CRWCD Raquel Flinker brought forth CRWCD's 5 Basic Principles with respect to the Colorado River Drought Task Force process. Director Nesbitt noted that it primarily focused on agricultural users and so he mentioned that to be all inclusive, there should be a component that focuses on municipal water usage.

## **10. Miscellaneous Matters**

The Colorado River Water Users Association (CRWUA) annual conference will be held in Las Vegas December 13-15, 2023, and any directors interested in attending should contact the office as soon as possible for reservations. Director Don Sabrowski said that personally, he got a lot more out of the Colorado Water Congress conference than he did out of CRWUA last year. He felt the CRWUA meeting was more talk than substance and more finger pointing than a presentation of solutions. Sonja reminded the Directors that the next Colorado Water Congress conference will be January 31 through February 2, 2024 on the front range.

Director Don Sabrowski asked if the District is aware of any impact to the Ohio Creek drainage from the Lowline wildfire. He wondered if the District should be taking action now before the snow falls to address any water quality or quantity problems that might arise in spring during runoff. Sonja noted that there may be ASO flights over the area in the winter and that she would like to be able to get in there to conduct some water sampling but she believes the Forest Service currently is not allowing any access to the area. Director Stacy McPhail said that in studying the maps provided by Katie Jagt during her assessment, she feels there is a good depositional area below the burn area that could accommodate ash and other debris and that the landscape is not extreme there, like it would be in Taylor Canyon, for instance. She does not feel there would be a huge sedimentary movement. Director Sabrowski asked if it might be wise for the District to pay for a professional to get up there now to assess the impact. Director Julie Nania noted that Katie Jagt is a professional who would be qualified to conduct such an assessment and that it might be a good idea to see if she would be able to access the area. Tom Rozman of the Division of Natural Resources was in the audience and said that the two drainages directly below the Castleton Ranch where the majority of the fire burned, typically will not see both ditches, Squirrel Creek and the Price Creek, running at the same time and that they are pretty small creeks, so he does not think the runoff will be a problem. He said it would take a pretty significant event, most likely a heavy rain event, for them both to drain in excess downstream. It was also discussed that there might be a possibility of putting in a temporary structure to help mitigate any sedimentary movement. Sonja offered to reach out to the Forest Service to see if it might be possible to get access to the area soon.

11. **Citizens Comments**- No citizens offered any comments.
12. **Future Meetings** – President Pierce referred to the future meetings listed in the packet.
13. **Summary of Meeting Action Items**

Sonja will direct staff to research the budget summary issues that Director Hazard questioned with respect to Board travel and building expenses to report at the next meeting.

Sonja will reach out to the USGS about possibly redirecting some funding to local partners to prevent a delay in water quality testing in the event of a government shutdown.

Sonja will follow up with Director Stacy McPhail and Director Rosemary Carroll about some possible

location options for installing an eddy covariance flux tower.

Sonja will reach out to Director Rosemary Carroll and/or Ken Williams about some possible alternative sites for a doppler radar station.

Sonja will reach out to Dayle Funka at the US Forest Service to see if it might be possible to have Katie Jagt access the burn scar area to conduct some water assessments based on the impacts of the Low Line wildfire.

**14. Adjournment**

Board President Michelle Pierce adjourned the regular Board meeting on September 25, 2023, at 8:09 p.m.

Respectfully submitted,

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John Perusek, Secretary

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Michelle Pierce, President



## MEMORANDUM



**TO:** UGRWCD Board of Directors  
**FROM:** Beverly Richards, Office Manager  
**DATE:** October 13, 2023  
**SUBJECT:** Budget Summary Questions from September

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This memorandum is a follow-up to the financial questions asked at the September Board Meeting regarding the following budget line-item overages:

- Board of Directors Mileage – 133.43%. The year-to-date amount includes mileage reimbursements for Directors' due to strong conference and continuing education attendance including mileage for attending the 2022 CRWUA Conference in Las Vegas, Nevada. Gasoline prices have also gone up significantly which is affecting the budget line item. This line item has been increased in the 2024 budget to address the exceedance.
- Utilities, Cleaning, Condo Dues – 105.94%. This line item now also includes utilities for Unit A as well as cleaning charges (e.g., shampooing of carpets of internal offices downstairs and all carpets upstairs prior to occupancy by tenants, and cleaning of the upstairs bathroom).

Upper Gunnison River Water Conservancy District  
Monthly Budget Summary 2023

	Sep 23	YTD 2023	2023 Budget	% of Budget
Ordinary Income/Expense				
Income				
Asp Water Sales	743.57	24,243.84	20,920.00	115.89%
Cloud Seeding Income	0.00	140,750.00	140,750.00	100.0%
Interest Income	5,262.39	61,512.03	20,000.00	307.56%
Property Tax Income				
Property Tax Current	18,997.02	1,510,540.99		
Specific Ownship	8,560.87	69,482.24		
Delinquent Tax & Interest	900.26	1,630.21		
Grant Income - Property Taxes	0.00	554.83		
Property Tax Income - Other	0.00	0.00	1,598,974.00	
<b>Total Property Tax Income</b>	<b>28,458.15</b>	<b>1,582,208.27</b>	<b>1,598,974.00</b>	<b>98.95%</b>
Reimbursed Exp Income				
GRF Reimbursed Income	0.00	0.00	35,000.00	
LSC Reimbursed Income	0.00	0.00		
Misc Income	13,088.23	49,200.92		
UGRAWE Reimbursed Inc	10,219.40	19,678.26		
Reimbursed Exp Income - Other	0.00	0.00		
<b>Total Reimbursed Exp Income</b>	<b>23,307.63</b>	<b>68,879.18</b>	<b>35,000.00</b>	<b>196.8%</b>
Taylor-CWRPDA Hydro Income	0.00	0.00		
Unspent Funds from Previous Yr	0.00	0.00		
Watershed Mgmt Income				
CWCB 2023-2404 Black Mesa Gen.	0.00	0.00		
BOR DCP 2023-24 \$140,480	0.00	0.00		
Blue Mesa HABs Study	0.00	0.00		
CWCB WMP (TBD) Grant Income	0.00	0.00		
CRWCD CFP2021-15 Grant Inc	0.00	0.00		
CWCB 2019-2891 \$150,000	0.00	0.00		
CWCB 2020-2113 \$31,507	0.00	0.00		
CWCB 2022-2085 \$180,000	0.00	47,489.70		
NPS 2021-4821 Grant Inc	0.00	0.00		
TU Restore Grant Inc	0.00	0.00		
Watershed Restore Program Inc	0.00	0.00		
WMP CWCB PO 2023-3317	0.00	17,356.75		
Watershed Mgmt Income - Other	0.00	129,139.81	435,018.00	
<b>Total Watershed Mgmt Income</b>	<b>0.00</b>	<b>193,986.26</b>	<b>435,018.00</b>	<b>44.59%</b>
Wet Meadows Income				
USFS SPA 2018 Grant	0.00	54,254.73		
BLM L17AC00255	0.00	113,222.31		
BLM L19AC00207 Silt	0.00	43,186.64		
NFWF Landscape	0.00	0.00		
NFWF Phase II Grant Income	0.00	0.00		
NRCS Grant Income	0.00	0.00		
Wet Meadows BLM Grant Inc	0.00	0.00		
WM USFS PA 18 Inc	0.00	0.00		
Wet Meadows Income - Other	0.00	103,950.00	274,166.00	
<b>Total Wet Meadows Income</b>	<b>0.00</b>	<b>314,613.68</b>	<b>274,166.00</b>	<b>114.75%</b>
WQ Monitoring Inc	0.00	38,869.00	38,869.00	100.0%
Water Supply Income				
CWCB NCAR Water Supply2023-2377	0.00	6,445.71		
CWCB PO 2023-3158	0.00	36,031.07		
Water Supply Income - Other	0.00	0.00		
<b>Total Water Supply Income</b>	<b>0.00</b>	<b>42,476.78</b>		
Additional Contribution Reserve	0.00	0.00	283,636.00	
<b>Total Income</b>	<b>57,771.74</b>	<b>2,467,539.04</b>	<b>2,847,333.00</b>	<b>86.66%</b>

Upper Gunnison River Water Conservancy District  
Monthly Budget Summary 2023

Cost of Goods Sold				
Cloud Seeding COST	64.84	114,017.35	189,060.00	60.31%
COST Grants	0.00	18,150.00		
Cost of Goods Sold	0.00	0.00		
NPS PO 2021-4821 COST	0.00	0.00		
UGR&D CRWCD CFP2021-15 COST	0.00	0.00		
Watershed COST				
CRWD CFP Grant - HAB's	0.00	14,005.80		
2023 GOCO Planning COST	0.00	20,000.00		
CWCB 2020-2113	0.00	2,104.00		
BOR DCP 2023-24 COST	4,183.52	14,429.12		
CWCB WMP 2023-3317	3,000.00	35,703.75		
2021-15 UG Restoration COST	0.00	0.00		
CWCB 2022-2085 (Restore) COST	2,857.50	23,759.00		
CWCB 2019-2891 COST	0.00	0.00		
CWCB PO 2019 2891 COST	0.00	0.00		
CWCB WtrShed Restore Grant COST	0.00	0.00		
TU Restore Grant COST	0.00	0.00		
UGR&D CRWCD CFP2022 COST	0.00	0.00		
CWCB GBRT-PEPO 2023-2489	4,865.72	13,912.56		
Watershed COST - Other	12,103.60	51,303.60	482,920.00	
Total Watershed COST	27,010.34	175,217.83	482,920.00	36.28%
Wet Meadows COST				
CAWA	0.00	8,486.82		
FWS Sagebrush Ecosystem COST	0.00	40,130.38		
BLM Coop L17AC00255 COST	0.00	728.00		
BLM L19AC00207 COST	0.00	0.00		
CPW HPP COST	0.00	0.00		
CPW Wetlands Grant COST	0.00	0.00		
NFWF Phase II COST	0.00	0.00		
NRCS Grant Exp COST	0.00	0.00		
USFS 22-PA-11020400-050	0.00	1,350.68		
USFS PA-2 17-PA COST	0.00	0.00		
USFS SPA 2018 COST	0.00	0.00		
2022 GOCO Planning COST	45,070.20	62,839.23		
Wet Meadows COST - Other	10,085.34	32,483.24	294,166.00	
Total Wet Meadows COST	55,155.54	146,018.35	294,166.00	49.64%
WQ Monitoring COST				
WQ Monitoring USGS JFA 2023	0.00	37,117.00		
WQ Monitoring COST - Other	20,644.00	98,625.00	157,930.00	
Total WQ Monitoring COST	20,644.00	135,742.00	157,930.00	85.95%
Water Supply COST				
CWCB/ NCAR #2023-2377 \$14,998	0.00	7,555.57		
CWCB PO 2023-3158	0.00	39,611.01		
Water Supply COST - Other	0.00	0.00		
Total Water Supply COST	0.00	47,166.58		
Total COGS	102,874.72	636,312.11	1,124,076.00	56.61%
Gross Profit	-45,102.98	1,831,226.93	1,723,257.00	106.27%

Upper Gunnison River Water Conservancy District  
Monthly Budget Summary 2023

Expense

Reconciliation Discrepancies	0.00	0.00		
1 Op X				
Donation-Endangered Fish	0.00	0.00		
Admin.Travel & Exp.	1,736.12	20,520.54	35,000.00	58.63%
Accounting & Professional Fees	3,000.00	34,025.00		
Audit Expense	0.00	5,800.00	10,000.00	58.0%
Bad Debts	0.00	0.00		
Bank Service Charges	107.63	3,685.13		
BOD Expenses	2,975.00	10,407.31	15,000.00	69.38%
BOD Mileage	157.20	3,092.69	2,200.00	140.58%
BOD Mtg Fees	200.00	9,700.00	13,360.00	72.61%
Bonding and Insurance	0.00	14,674.00	12,003.00	122.25%
Building Rep/Maint	0.00	7,507.84	10,000.00	75.08%
Computer Exp				
Computer Asset Purchase	0.00	4,467.26		
Computer Repairs	400.00	4,876.43		
Computer Software	1,108.64	10,726.94		
Internet	925.99	7,833.61		
Computer Exp - Other	0.00	3,829.09	22,850.00	
Total Computer Exp	2,434.63	31,733.33	22,850.00	138.88%
Copier Expenses	1,506.52	4,238.69	5,000.00	84.77%
County Treasurers' Fees	629.30	46,020.51	47,969.00	95.94%
Donation RMBL Weather	0.00	0.00		
Donation Selenium Program	0.00	0.00		
Dues, Memberships&Subscriptions	544.80	12,256.57	15,000.00	81.71%
Election Expenses	0.00	0.00		
Legal Publication	154.23	5,076.08	6,000.00	84.6%
Manager's Discretionary	546.24	18,366.60	25,000.00	73.47%
Meeting Expenses	320.65	2,861.86	4,000.00	71.55%
Office Equipment Exp	0.00	8,339.11	21,500.00	38.79%
Office Supplies & Misc Expenses	708.14	6,737.50	21,250.00	31.71%
Payroll Exp				
CRA Retirement Plan	3,761.47	33,709.91		
Medical Insurance	7,114.50	36,032.60		
Payroll Taxes	3,695.59	33,417.99		
Salaries - Admin	30,300.75	273,306.75		
Salaries - Staff	19,776.18	154,459.59		
Staff Development	75.00	2,305.29		
Work Comp Ins	0.00	5,666.00		
Payroll Penalties	0.00	0.00		
Payroll Exp - Other	0.00	1,087.50	762,354.00	
Total Payroll Exp	64,723.49	539,985.63	762,354.00	70.83%
Postage	0.00	441.00	1,500.00	29.4%
Public Outreach				
4-H Sponsorships	0.00	500.00		
Donation GRF	0.00	0.00		
Internship	0.00	0.00		
Mini-Grants	500.00	1,000.00		
Public Ed./Advertising	2,588.72	18,938.06		
Social Media	0.00	0.00		
Website Updates	0.00	774.00		
Youth Conservation Corps	0.00	0.00		
Public Outreach - Other	585.00	16,263.11	61,680.00	
Total Public Outreach	3,673.72	37,475.17	61,680.00	60.76%

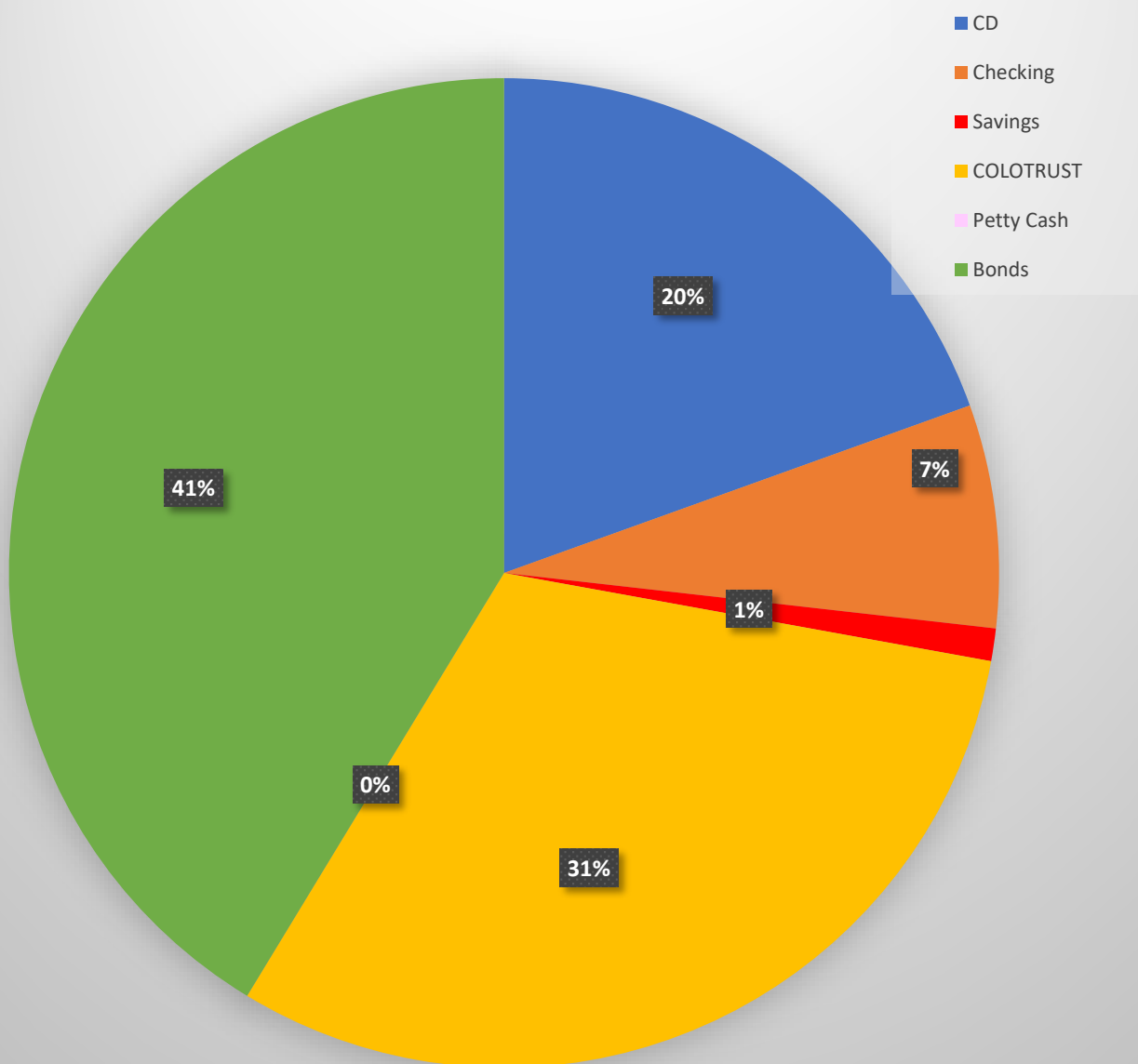
Upper Gunnison River Water Conservancy District  
Monthly Budget Summary 2023

RICD Exp	0.00	0.00	0.00	0.0%
Telephone	267.52	6,139.50	7,110.00	86.35%
Utilities, Clean, Condo Dues	1,292.77	17,765.63	15,516.00	114.5%
Vehicle Expenses - Toyota Highl	219.69	888.54	4,525.00	19.64%
Vehicle Expenses - Toyota Tacom	141.58	771.58		
1 Op X - Other	0.00	0.00		
<b>Total 1 Op X</b>	<b>85,339.23</b>	<b>848,509.81</b>	<b>1,118,817.00</b>	<b>75.84%</b>
<b>2 Non-Op X</b>				
Lake Fork Conservancy	0.00	10,000.00	10,000.00	100.0%
Coal Creek Watershed Coalition	0.00	0.00	10,000.00	0.0%
City of Gunnison Cleanup	0.00	0.00	2,000.00	0.0%
Asp Subordination Report	0.00	5,040.00	22,040.00	22.87%
Aspinall Contract Costs	26.50	18,547.59	0.00	100.0%
Cloud Seeding	0.00	121.81	0.00	100.0%
Consulting/Engineering	0.00	15,444.19	15,000.00	102.96%
Contribution to Reserve Fund	0.00	0.00		
Donation Dust on Snowpack	0.00	3,500.00	3,500.00	100.0%
Drought Contingency Cont	0.00	0.00	44,000.00	
Endanger Fish Recovery Program	0.00	0.00	3,000.00	
Home Loan Program Cont	0.00	0.00	100,000.00	
Legal Fees/Projects	0.00	0.00		
LSC Expenses	0.00	13,464.00	13,464.00	100.0%
RMBL (Basinwide Planning X)	0.00	0.00		
Regional Water Supply Imp. Exp.	0.00	0.00		
Grant Program	0.00	167,160.65	300,000.00	55.72%
Spencer Ave Res Exp	0.00	0.00	10,000.00	0.0%
Taylor Park Projects Exp	0.00	7,436.00	7,436.00	100.0%
Taylor River Modeling Exp	5,192.52	647.65	40,000.00	1.62%
Watershed Mgmt X	0.00	58,485.88	0.00	100.0%
Wet Meadow X	0.00	14,208.41	0.00	100.0%
WQ Monitoring	0.00	10,000.00	0.00	100.0%
2 Non-Op X - Other	0.00	0.00		
<b>Total 2 Non-Op X</b>	<b>5,219.02</b>	<b>324,056.18</b>	<b>580,440.00</b>	<b>55.83%</b>
Capital Outlay Expense	0.00	714,876.83	0.00	100.0%
SUSPENSE	0.00	0.00		
<b>Total Expense</b>	<b>90,558.25</b>	<b>1,887,442.82</b>	<b>1,699,257.00</b>	<b>111.08%</b>
<b>Net Ordinary Income</b>	<b>-135,661.23</b>	<b>-56,215.89</b>	<b>24,000.00</b>	<b>-234.23%</b>
<b>Other Income/Expense</b>				
Other Income	0.00	0.00	0.00	0.0%
Other Expense				
Contingency	0.00	0.00	24,000.00	0.0%
Depreciation Expenses	0.00	0.00		
<b>Total Other Expense</b>	<b>0.00</b>	<b>0.00</b>	<b>24,000.00</b>	<b>0.0%</b>
<b>Net Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>-24,000.00</b>	<b>0.0%</b>
<b>Net Income</b>	<b>-135,661.23</b>	<b>-56,215.89</b>	<b>0.00</b>	

### UGRWCD & UGRWAE INVESTMENTS BY TYPE

CD	20%	\$	1,076,552.39
Checking	7%	\$	402,195.61
Savings	1%	\$	58,730.67
COLOTRUST	31%	\$	1,701,644.21
Petty Cash	0%	\$	8.00
Bonds	41%	\$	2,280,398.01
<b>Total</b>	<b>100%</b>	<b>\$</b>	<b>5,519,528.89</b>

### UGRWCD + UGRWAE INVESTMENTS BY TYPE



UGRWCD	Instrument	Balance	Cost	Interest	Maturity	Date
Account Name: LPL Bonds	Type	9/30/2023	Basis	Rate	Date	Callable
LPL Bond 27 CUSIP 91282CDR9 Treasury Note	BOND					Sold 4/28/23. Value \$389,865.90
LPL Bond 17 (FHLB) CUSIP 91282CDH1 Treasury Note	BOND	194,725.40	204,335.35	0.790%	11/15/2024	
LPL 31 Fed. Home Loan Banks BOND CUSIP 3130 AT4D6	BOND	246,286.25	250,000.00	3.430%	6/15/2024	
LPL 28 Freddie Mac CUSIP 3134 GXQP2	BOND	192,897.40	200,000.00	3.140%	4/28/2025	7/28/2022
LPL Bond 20 (FHLB) CUSIP 3130 AJLA 5	BOND	510,841.65	550,000.00	0.810%	5/19/2025	
LPL Bond 21 (Fed Farm) CUSIP 3133 EL3P7	BOND	316,373.62	345,000.00	0.580%	8/12/2025	8/12/2022
LPL Bond 23 (FEDL) CUSIP 3130ALLD4	BOND	225,485.00	250,000.00	0.970%	3/17/2026	9/17/2021
LPL Bond 24 CUSIP 3130AMDY5 Fedl Home Loan Bank	BOND	450,043.50	500,000.00	1.110%	5/20/2026	5/20/2022
LPL 26 (Fed. Home Loan Banks) CUSIP 3130 APBE4	BOND	142,143.68	160,000.00	1.130%	9/30/2026	9/30/2022
LPL 29 FHL CUSIP 3134 GXYD0	BOND					Sold 4/28/23. Value \$292,891.08
<b>LPL BOND SUBTOTAL:</b>		<b>2,278,796.50</b>	<b>\$ 2,459,335.35</b>	<b>1.495%</b>		
Account Name: LPL Certificates of Deposit						
LPL 22 Merrick Bank CD thru LPL CUSIP 59013KLR5	CD	\$ 234,002.48	\$ 249,000.00	0.370%	12/30/2024	
LPL CD 25 Sallie Mae Bank CUSIP 795451 AA1	CD	235,630.95	245,000.00	0.570%	7/22/2024	3/30/2022
LPL 30 Synchrony Bank CD CUSIP 87165 EXB8	CD	236,942.93	245,000.00	3.520%	7/29/2025	
<b>LPL CD SUBTOTAL:</b>		<b>\$ 706,576.36</b>	<b>\$ 739,000.00</b>	<b>1.487%</b>		
Account Name: LPL Money Markets Savings						
LPL Money Market Savings Account	M.M. SAVINGS	\$ 17,504.03	-	1.140%	N/A	
<b>LPL MM SUBTOTAL:</b>		<b>\$ 17,504.03</b>				

Account Name	INSTRUMENT	Balance	Cost	Interest	Maturity	Notes
	TYPE	9/30/2023	Basis	Rate	Date	
BMO Bank Checking	CHKG	\$ 324,642.42		0.01%	N/A	
Community Banks of Colo. CD 1487 0420	CD	52,233.19		0.40%	9/26/2022	*Updated on an Annual Basis
Community Banks of Colo. Lake City CD # 7668	CD	105,015.89		4.01%	11/20/2026	*Updated on an Annual Basis
10520 Gunnison Bank & Trust CD 6637	CD	213,382.69		1.90%	2/26/2025	*Updated on an Annual Basis
10540 Gunnison Bank & Trust MM - Spencer Ave. Res. 3589	SAVINGS	43,153.28		0.25%		
				<b>Average</b>		
				<b>Mo. Yield</b>		
10295 COLOTRUST PLUS+	COLO.	1,049,606.61		5.22%	N/A	
10290 COLOTRUST PRIME	COLO.	98,796.91		4.92%	N/A	
10200 Petty Cash	PETTY	8.00		N/A	N/A	
<b>MISCELLANEOUS BANK &amp; COLOTRUST SUBTOTAL:</b>		<b>1,886,838.99</b>				
<b>TOTAL UGRWCD</b>		<b>\$ 4,889,715.88</b>				

UGRWAE	INSTRUMENT	Balance		Interest	Maturity	
Account Name	TYPE	9/30/2023		Rate	Date	
BMO Bank Checking	CHKG	\$ 17,461.67		N/A	N/A	
COLOTRUST PLUS+	COLO.	385,340.83		5.29%	N/A	
<b>TOTAL UGRWAE</b>		<b>\$ 402,802.50</b>				

<b>TOTAL UGRWCD + UGRWAE</b>	<b>\$ 5,292,518.38</b>
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Total UGRWCD and UGRWAE by Bank			Total UGRWCD & UGRWAE by Investment Type		
LPL Financial	\$ 3,002,876.89	57%	CD	20%	\$ 1,077,208.13
Bank of the West	342,104.09	6%	Checking	6%	342,104.09
Community Banks of Colo.	157,249.08	3%	Savings	1%	60,657.31
Gunnison Bank & Trust	256,535.97	5%	COLOTRUST	29%	1,533,744.35
COLOTRUST	1,533,744.35	29%	Petty Cash	0%	8.00
Petty Cash	8.00	0%	Bonds	43%	\$ 2,278,796.50
<b>TOTAL ALL BANKS</b>	<b>\$ 5,292,518.38</b>	<b>100%</b>	<b>Total</b>	<b>100%</b>	<b>\$ 5,292,518.38</b>

3:39 PM  
10/11/23  
Accrual Basis

Upper Gunnison River Water Conservancy District  
Expenses For Approval (Paid & Payable)  
September 2023

Date	Name	Account	Amount
Adobe, Inc. 09/30/2023	Adobe, Inc.	Computer Software	143.94
Total Adobe, Inc.			143.94
Alan Wartes Media LLC 09/30/2023	Alan Wartes Media LLC	Legal Publication	126.38
Total Alan Wartes Media LLC			126.38
Alpenglow Publishers, LLC 09/30/2023	Alpenglow Publishers, LLC	CWCB GBRT-PEPO 2023-2489	119.00
Total Alpenglow Publishers, LLC			119.00
Alpine Archaeological Consultants, Inc. 09/30/2023	Alpine Archaeological Consultants, Inc.	Wet Meadows COST	4,943.83
Total Alpine Archaeological Consultants, Inc.			4,943.83
Anthem 09/07/2023	Anthem	Medical Insurance	304.30
Total Anthem			304.30
Applegate Group, Inc. 09/30/2023	Applegate Group, Inc.	CWCB WMP 2023-3317	3,000.00
Total Applegate Group, Inc.			3,000.00
Atmos Energy 09/30/2023	Atmos Energy	Utilities, Clean, Condo Dues	39.34
Total Atmos Energy			39.34
Bank of the West			



3:39 PM  
10/11/23  
Accrual Basis

Upper Gunnison River Water Conservancy District  
Expenses For Approval (Paid & Payable)  
September 2023

Date	Name	Account	Amount
09/30/2023	Bank of the West	Dues, Memberships&Subscriptions	25.00
09/30/2023	Bank of the West	Bank Service Charges	0.36
Total Bank of the West			25.36
Bill Nesbitt - BOD			
09/30/2023	Bill Nesbitt - BOD	BOD Mtg Fees	100.00
Total Bill Nesbitt - BOD			100.00
BMO Financial Group			
09/30/2023	BMO Financial Group	BOD Expenses	2,675.00
09/30/2023	BMO Financial Group	Office Supplies & Misc Expenses	166.74
09/30/2023	BMO Financial Group	Manager's Discretionary	546.24
09/30/2023	BMO Financial Group	Meeting Expenses	320.65
09/30/2023	BMO Financial Group	Admin.Travel & Exp.	1,736.12
09/30/2023	BMO Financial Group	Staff Development	75.00
09/30/2023	BMO Financial Group	Public Ed./Advertising	2,188.72
09/30/2023	BMO Financial Group	Wet Meadows COST	130.44
09/30/2023	BMO Financial Group	Vehicle Expenses - Toyota Highl	194.47
09/30/2023	BMO Financial Group	Vehicle Expenses - Toyota Tacom	141.58
09/30/2023	BMO Financial Group	GRF Receivable	250.00
09/30/2023	BMO Financial Group	Internet	147.73
09/30/2023	BMO Financial Group	Computer Software	81.00
09/30/2023	BMO Financial Group	Dues, Memberships&Subscriptions	519.80
09/30/2023	BMO Financial Group	Bank Service Charges	107.27
Total BMO Financial Group			9,280.76
Business Solutions Leasing			
09/30/2023	Business Solutions Leasing	Copier Expenses	242.89
Total Business Solutions Leasing			242.89

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Upper Gunnison River Water Conservancy District  
Expenses For Approval (Paid & Payable)  
September 2023

Date	Name	Account	Amount
CEBT			
09/01/2023	CEBT	Medical Insurance	3,268.20
09/28/2023	CEBT	Medical Insurance	3,268.20
Total CEBT			6,536.40
City of Gunnison			
09/30/2023	City of Gunnison	Utilities, Clean, Condo Dues	151.65
09/30/2023	City of Gunnison	Utilities, Clean, Condo Dues	215.01
09/30/2023	City of Gunnison	Utilities, Clean, Condo Dues	37.31
09/30/2023	City of Gunnison	Utilities, Clean, Condo Dues	235.62
09/30/2023	City of Gunnison	Utilities, Clean, Condo Dues	134.59
Total City of Gunnison			774.18
Coal Creek Watershed Coalition			
09/30/2023	Coal Creek Watershed Coalition	Public Outreach	485.00
Total Coal Creek Watershed Coalition			485.00
Crested Butte News			
09/30/2023	Crested Butte News	Legal Publication	12.45
09/30/2023	Crested Butte News	CWCB GBRT-PEPO 2023-2489	231.52
Total Crested Butte News			243.97
GEI Consultants			
09/30/2023	GEI Consultants	2022 GOCO Planning COST	45,070.20
Total GEI Consultants			45,070.20
GL Computer Service, Inc.			
09/30/2023	GL Computer Service, Inc.	Computer Repairs	400.00
09/30/2023	GL Computer Service, Inc.	Office Equipment Asset (<1500)	1,679.21

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Upper Gunnison River Water Conservancy District  
Expenses For Approval (Paid & Payable)  
September 2023

Date	Name	Account	Amount
	Total GL Computer Service, Inc.		2,079.21
	Gobins's, Inc.		
09/30/2023	Gobins's, Inc.	Copier Expenses	1,263.63
	Total Gobins's, Inc.		1,263.63
	Golden Eagle Trash Service		
09/30/2023	Golden Eagle Trash Service	Utilities, Clean, Condo Dues	51.75
	Total Golden Eagle Trash Service		51.75
	Gunnison County Clerk and Recorder		
09/30/2023	Gunnison County Clerk and Recorder	Vehicle Expenses - Toyota Highl	25.22
	Total Gunnison County Clerk and Recorder		25.22
	Hartman Brothers, Inc.		
09/30/2023	Hartman Brothers, Inc.	Cloud Seeding COST	28.05
	Total Hartman Brothers, Inc.		28.05
	High Country Conservation Advocates		
09/30/2023	High Country Conservation Advocates	CWCB GBRT-PEPO 2023-2489	1,500.00
	Total High Country Conservation Advocates		1,500.00
	Hinsdale County School District RE-1		
09/30/2023	Hinsdale County School District RE-1	Mini-Grants	500.00
	Total Hinsdale County School District RE-1		500.00
	John McClow		
09/12/2023	John McClow	Medical Insurance	164.90
09/30/2023	John McClow	Medical Insurance	164.90

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Accrual Basis

Upper Gunnison River Water Conservancy District  
Expenses For Approval (Paid & Payable)  
September 2023

Date	Name	Account	Amount
Total John McClow			329.80
Julie Nania BOD			
09/30/2023	Julie Nania BOD	BOD Mtg Fees	100.00
09/30/2023	Julie Nania BOD	BOD Mileage	78.60
Total Julie Nania BOD			178.60
KEJJ Radio			
09/30/2023	KEJJ Radio	Public Ed./Advertising	275.00
Total KEJJ Radio			275.00
KVLE FM			
09/30/2023	KVLE FM	Public Ed./Advertising	125.00
Total KVLE FM			125.00
Lake Fork Valley Conservancy			
09/30/2023	Lake Fork Valley Conservancy	CWCB GBRT-PEPO 2023-2489	1,500.00
Total Lake Fork Valley Conservancy			1,500.00
LexisNexis			
09/30/2023	LexisNexis	Internet	653.70
09/30/2023	LexisNexis	Office Supplies & Misc Expenses	342.52
09/30/2023	LexisNexis	Computer Software	653.70
Total LexisNexis			1,649.92
Lightspeed Voice			
09/30/2023	Lightspeed Voice	Telephone	265.80
09/30/2023	Lightspeed Voice	Telephone	1.72

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Accrual Basis

Upper Gunnison River Water Conservancy District  
Expenses For Approval (Paid & Payable)  
September 2023

Date	Name	Account	Amount
Total Lightspeed Voice			267.52
Melinda McCawmedia			
09/30/2023	Melinda McCawmedia	CWCB GBRT-PEPO 2023-2489	77.00
Total Melinda McCawmedia			77.00
Microsoft			
09/30/2023	Microsoft	Computer Software	46.00
09/30/2023	Microsoft	Computer Software	184.00
Total Microsoft			230.00
Mike Rogers BOD			
09/30/2023	Mike Rogers BOD	BOD Expenses	300.00
Total Mike Rogers BOD			300.00
New Morning Improvement, LLC			
09/30/2023	New Morning Improvement, LLC	Utilities, Clean, Condo Dues	427.50
Total New Morning Improvement, LLC			427.50
RigNet Inc			
09/30/2023	RigNet Inc	Cloud Seeding COST	36.79
Total RigNet Inc			36.79
Rosemary Carroll - BOD			
09/30/2023	Rosemary Carroll - BOD	BOD Mileage	78.60
Total Rosemary Carroll - BOD			78.60
Silver World Publishing			
09/30/2023	Silver World Publishing	Legal Publication	15.40

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Upper Gunnison River Water Conservancy District  
Expenses For Approval (Paid & Payable)  
September 2023

Date	Name	Account	Amount
09/30/2023	Silver World Publishing	Public Outreach	100.00
	Total Silver World Publishing		115.40
	Strategic by Nature		
09/30/2023	Strategic by Nature	BOR DCP 2023-24 COST	4,183.52
	Total Strategic by Nature		4,183.52
	Sunshine Creatives		
09/30/2023	Sunshine Creatives	CWCB GBRT-PEPO 2023-2489	1,438.20
	Total Sunshine Creatives		1,438.20
	The Paper Clip		
09/30/2023	The Paper Clip	Office Supplies & Misc Expenses	198.88
	Total The Paper Clip		198.88
	Thomas N Stoeber, CPA		
09/30/2023	Thomas N Stoeber, CPA	Accounting & Professional Fees	3,000.00
	Total Thomas N Stoeber, CPA		3,000.00
	U.S. Bureau of Reclamation		
09/30/2023	U.S. Bureau of Reclamation	Aspinall Contract Costs	26.50
	Total U.S. Bureau of Reclamation		26.50
	U.S. Geological Survey		
09/30/2023	U.S. Geological Survey	Watershed COST	12,103.60
09/30/2023	U.S. Geological Survey	WQ Monitoring COST	20,644.00
	Total U.S. Geological Survey		32,747.60
	University Corp. for Atmospheric Research		

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Accrual Basis

Upper Gunnison River Water Conservancy District  
Expenses For Approval (Paid & Payable)  
September 2023

Date	Name	Account	Amount
09/30/2023	University Corp. for Atmospheric Research	Taylor River Modeling Exp	5,192.52
	Total University Corp. for Atmospheric Research		5,192.52
	Upper Gunn. Riv. WCD		
09/05/2023	Upper Gunn. Riv. WCD	BOW Checking	200,000.00
	Total Upper Gunn. Riv. WCD		200,000.00
	Visionary Broadband		
09/30/2023	Visionary Broadband	Internet	124.56
	Total Visionary Broadband		124.56
	Watershed Science and Design		
09/30/2023	Watershed Science and Design	CWCB 2022-2085 (Restore) COST	2,857.50
	Total Watershed Science and Design		2,857.50
	Western Colorado Conservation Corps		
09/30/2023	Western Colorado Conservation Corps	Wet Meadows COST	3,846.48
	Total Western Colorado Conservation Corps		3,846.48
	TOTAL		336,090.30

# **AGENDA ITEM 4**

**Legal and Legislative Matters**



# **AGENDA ITEM 5**

**DINNER BREAK with  
WET MEADOWS PRESENTATION,  
INTRODUCTIONS, AND Q & A**

# **AGENDA ITEM 6**

## **2024 DRAFT BUDGET DISCUSSION**

## UPPER GUNNISON RIVER WATER CONSERVANCY DISTRICT 2024 BUDGET MESSAGE

The Upper Gunnison River Water Conservancy District (District) was formed on June 1, 1959 pursuant to the provisions of and for the purposes described in the Water Conservancy Act of Colorado, Section 37-45-101, *et seq*, Colorado Revised Statutes. The District was reorganized on October 8, 1991 and again on November 15, 2011. The District is located within Gunnison, Hinsdale, and Saguache Counties, and is generally defined as that area of the Upper Gunnison River watershed which lies upstream of Blue Mesa Dam.

The Mission of the Upper Gunnison River Water Conservancy District is to be an active leader in all issues affecting the water resources of the Upper Gunnison River Basin.

The District is supported through a mill levy which is assessed on property located within the District. The current maximum mill levy was set by the voters of the District in 1998 at 2.000 mills. At that time, voters also approved a ballot question exempting the District from the limits of the TABOR amendment to the state constitution and the 5.5% property tax revenue restriction. These revenues were to be used in part to establish a Reserve Fund that would be available to protect our basin's water resources. Threats to the basin's water resources are climate change, aridification, water demands on the East Slope, as well as the crisis with declining reservoir storage elevations associated with low hydrologic inflows and overuse by Lower Basin water users.

The District uses the modified accrual basis of accounting in which revenues are recognized when they become measurable and available as net current assets. Expenditures are recognized when the related liability is incurred. The accounts of the Upper Gunnison River Water Conservancy District are organized on the basis of a fund. The District has one governmental fund, the General Fund, which is the primary operating fund for the District. The District has one enterprise fund, the Water Activity Enterprise Fund, which has a separate budget process

### **Revenues**

Budget Line 1. Aspinall Water Contract Sales. This revenue line item indicates expected income from selling Aspinall Augmentation water to third parties under long-term contracts. The District obtained a contract with the United States for 500 acre-feet of augmentation water from the Aspinall Unit for resale to third parties on a 40-year basis. The Bureau will charge approximately \$60 per acre-foot of water actually sold to third parties. The revenue figures shown also include an additional \$20 per contract to cover the costs of administering this service.

Budget Line 2. Building Rental Income. This new revenue line item in 2023 and 2024 is associated with Unit A (upstairs office units) and Unit C rental/lease income.

Budget Line 3. Upper Gunnison Cloud Seeding Program. This line item reflects state and local cooperating entities' anticipated contributions to the 2023-2024 Cloudseeding Program for which the District is the coordinator. This includes funds committed to the program from Colorado Water Conservation Board (CWCB) and local partners.

Budget Line 4. Interest Income. This line item includes investment income from District Certificates of Deposit (CD's), Money Markets, or Bonds.

Budget Line 5. General Property Tax. Property tax revenues in 2024 are expected to be approximately \$2.27M based on a levy of 1.951 mills (a tax of 1.951 for each \$1,000 of assessed value) levied upon the net valuation for assessment of all taxable property within the District for the year 2023. This line item also includes specific ownership tax and interest and penalties on taxes.

Budget Line 6. Reimbursed Expenses Income: This line item accounts for income that is a result of reimbursement to the District by other entities for expenses paid for by the District. These include quarterly cost share from UGRWAE and annual cost share from LSCWAE.

Budget Line 7. Watershed Management Income. This item reflects various sources of funds to complete watershed management planning activities. In 2024, these include:

- 7a. CWCB Watershed Management Planning Phase 3 (CWCB 2023-3317)
- 7b. CWCB Water Restoration Grant (CWCB 2022-2085)
- 7c. HAB Study Phase 1
- 7d. HAB Study Phase 2 (TBD)
- 7e. US Bureau of Reclamation (USBR) Drought Contingency Planning
- 7f. TU RESTORE

Budget Line 8. Wet Meadows Program Income: This line item reflects funds from various entities, including the Bureau of Land Management (BLM), Great Outdoors Colorado (GOCO), U.S. Forest Service (USFS), CWCB, Fish and Wildlife Service (FWS), and Colorado Ag Water Alliance (CAWA) for expenses associated with work on the Wet Meadows Project. In 2024, these include:

- 8a. FWS Sage Brush Ecosystem
- 8b. USFS PA 2022
- 8c. GOCO 2022
- 8d. BLM 2023 (L23AS00197)
- 8e. CAWA 2023 (2023-25)

Budget Line 9. Water Quality Monitoring Program. Gunnison County, the Lake San Cristobal Water Activity Enterprise, the National Park Service, and the Skyland Metropolitan District are participants in the basin wide water quality monitoring program. They do not contract directly with the U. S. Geological Survey and instead contract with the District, and, in turn, the District covers their portion of the funding agreement with USGS in a pass-through arrangement. Pass-through funding from Gunnison County, the Lake San Cristobal Water Activity Enterprise, the Park Service, and Skyland Metropolitan District is shown in both revenues and expenditures.

Budget Line 10. Unspent Funds from Previous Year. This line item is intended to carry over unspent funds, if any, from the current year to the next budget year in order to reduce the amount of property tax revenue required to meet budgetary expenses in 2024. The programs included in this line item include:

- 10a. District Grant Program

- 10b. Public Outreach and Education
- 10c. Cloudseeding
- 10d. Home Loan Assistance Program
- 10e. HABs Phase 1 Match – UGRWCD
- 10f. Wet Meadows Program Manager Fund

**Budget Line 11. Spencer Avenue Unexpected Income.**

Budget Line 12. Vehicle Income. When the District applies for grant funding from outside entities, we may incorporate mileage reimbursements associated with the use of District vehicles to carry out grant program activities.

Budget Line 13. Additional Contribution from Reserve Fund. This line item is intended for use when the board uses a portion of its reserve fund for meeting planned budget expenditures.

**Total Revenues.** Total Revenues for the District in 2024 are expected to be \$3,721,821.

**OPERATING EXPENSES**

Budget Line 14. Administrative Travel & Expenses. The purpose of this line item is to provide funds for staff travel, conferences, and networking and training expenses. The District reimburses staff for mileage at the standard IRS rate when traveling in their personal vehicle.

Budget Line 15. Audit. Funds are included for the annual audit of the District's 2023 financial statements.

Budget Line 16. Accounting. Funds are included for the accounting and bookkeeping services from Stoeber and Associates in 2024.

Budget Line 17. Board of Director Expenses. This line item includes expenses associated with Board education including but not limited to mileage reimbursement to attend conferences, board retreat expenses, conference fees, meals while attending conferences or traveling on board business, etc. Directors are also permitted to use the District vehicle when carrying out District business.

Budget Line 18. Board of Directors Meeting Mileage. This line item covers Board member reimbursement of mileage expenses associated with regular or committee meeting attendance using the IRS published rate.

Budget Line 19. Board of Directors Meeting Fees. This line item covers stipends for board member regular meeting attendance and is currently set at \$100 per meeting.

Budget Line 20. Bonding & Insurance. Covers general liability insurance for the District, public officials' liability, accidental death and dismemberment, excess liability, and bonding of the General Manager, Board President, Board Vice President, Treasurer, all account signatories, the Office Manager, Water Resource Specialists and Water Resource Technician, and Administrative/Communications Support Specialist. Bond amounts are \$100,000.

Budget Line 21. Building Repair/Maintenance. This line item is intended to cover miscellaneous repair and maintenance expenses associated with Spencer Avenue Unit A, B and C.

Budget Line 22. Common Area Maintenance (CAM). This line item is intended to cover all common area maintenance expenses for the Spencer Avenue Business Park building. This includes, for example, snow removal and lawn maintenance.

Budget Line 23. Computer Expenses. This line item covers expenses associated with new computer purchases, computer repairs, IT support, and offsite storage, software, and internet services.

- 23a. Computer Asset Purchase
- 23b. Computer Repair/IT Support
- 23c. Software
- 23d. Internet
- 23e. Carbonite Storage

Budget Line 24. Copier Expenses. This line item covers the annual lease of the copy machine and any overage charges for copies.

Budget Line 25. County Treasurers' Fees. This line item covers the 3% county treasurer's fee associated with distribution of property tax revenues.

Budget Line 26. Spencer Avenue Business Park Renovation. This line item covers the costs associated with the 2024 renovation of Unit A.

Budget Line 27. Spencer Building Unexpected Expense. This line item covers the costs associated with any unexpected expenses incurred over and above normal building maintenance.

Budget Line 28. Dues, Memberships, & Subscriptions. This line item covers annual memberships, dues, and subscriptions important to the ability of the District to carry out its mission including, but not limited to:

- 28a. Colorado Water Congress
- 28b. Northwest Colorado Council of Government (a.k.a. NWCCOG – QQ)
- 28c. Water Education Colorado
- 28d. Special District Association of Colorado
- 28e. Employers Council
- 28f. Colorado Water Congress (State Affairs Committee)
- 28g. Colorado Water Congress (Federal Affairs Committee)
- 28h. Colorado Water Congress (Water Quality Committee)
- 28i. Weather Modification Association
- 28j. Lexis Nexus

Budget Line 29. Legal Publications. Includes funds to cover publication of meeting notices, board vacancies, and other legally required publications.

Budget Line 30. Manager's Discretionary Budget. This line item is meant to cover miscellaneous and unanticipated expenses of the District including but not limited to, for example, conference or workshop sponsorship, purchase of District shirts with logo for new board members, working Committee luncheons, Mayors and Managers, etc.

Budget Line 31. Meeting Expenses. This line item is meant to cover board regular and committee meeting expenses such as food.

Budget Line 32. Office Cleaning. This line item covers the expenses associated with weekly office cleaning.

Budget Line 33. Office Equipment. This line item is for expenses incurred to replace office equipment such as scanners and shredders but not computer equipment which are covered in the Computer Expense line item. This also includes the purchase or replacement of office furniture as needed.

Budget Line 34. Office Supplies & Miscellaneous Expenses. This line item includes office and consumable supplies (e.g., paper supplies, coffee, cold beverages, etc.).

Budget Line 35. Payroll Expenses

35a. Colorado Retirement Association (CRA) Plan. This line item represents the District's contribution to the CRA plan (formerly CCOERA). Benefitted employees are eligible to participate in CRA after one year of employment. In 2023, the District plans to adopt a tiered contribution table based upon years of service. The District will contribute between 8% and 10% of the employee's gross salary and the employee may elect to contribute a minimum of 8% or an equivalent amount to the District's contribution.

35b. Medical Insurance. Includes health insurance premiums for participating employees. Includes medical, dental, vision, short-term disability, long-term disability and a basic life insurance policy (\$20,000). Also includes reimbursement of Medicare premiums for any participating employees.

35c. Payroll Taxes. Covers the District's payroll tax liability (e.g., social security, medicare, state unemployment, etc.).

35d. Salaries. Includes all District staff: General Manager, General Counsel, Office Manager, Water Resource Specialist, Water Resource Technician, and Administrative/Communications Support Specialist.

35e. Staff Development. Line item supports staff professional development, professional association dues, etc.

35f. Workers Compensation Insurance. This line item funds premiums for the District's workers' compensation insurance policy.

Budget Line 36. Postage. Intended to cover costs associated with mailing.

Budget Line Item 37. Telephone. This line item includes funds for the District's office phones and cell phones.

Budget Line 38. Utilities. This line item provides funds for water, gas, and electricity for the Spencer Avenue Building, broken out by Unit A/B and Unit C expenses.

Budget Line 39. District Vehicle Expense. The District owns two vehicles for use by employees and board members for District-related travel. This budget line item covers expenses such as maintenance, fuel, insurance, license, registration, and other fees.

**Total Operating Expenses.** Total Operating Expenses for the District in 2024 are expected to be \$1,273,378.

### **NON-OPERATING EXPENSES**

Budget Line Item 40. Aspinall Subordination Agreement Report. This line item supports consultant expenses related to the development of an annual report to the U.S. Bureau of Reclamation pursuant to the Aspinall Unit Subordination Agreement.

Budget Line 41. Aspinall Water Contract. This line item reflects the costs to provide Aspinall Unit augmentation water to contracted users under the District's plan for augmentation utilizing water stored in Blue Mesa Reservoir for 2024.

Budget Line 42. City of Gunnison Cleanup. This line item covers support for the City of Gunnison's annual electronics clean up.

Budget Line Item 43. General Consulting & Engineering. This line item supports agricultural or other engineering pre-feasibility studies or cost estimation for high priority projects identified within the basin.

Budget Line 44. Coal Creek Watershed Coalition. This line item supports an annual funding contribution to support activities of the Coal Creek Watershed Coalition.

Budget Line 45. Colorado Dust on Snow. Annual contribution to the Colorado Center for Dust on Snow. Data from these basin snow monitoring studies supports Colorado Basin River Forecast Center and WRF Hydro with ASO data assimilation inflow forecasts which improve management of annual water supply, avalanche predictions, flood forecasting, etc.

Budget Line Item 46. Drought Contingency Planning (DCP) Cash Contribution. The District has committed a matching cash contribution to the development of an Upper Gunnison Basin DCP funded in part by a Bureau of Reclamation DCP grant.

Budget Line Item 47. District Grant Program. This is a budget line item supports the annual District Grant Program for the development and implementation of water resource improvement projects that are



consistent with the purposes of the District including but not limited to the promotion of beneficial uses of water, water quality, water efficiency, and riparian restoration.

Budget Line 48. Gunnison River Festival. The District is the title sponsor for the Gunnison River Festival and makes an annual contribution to the event.

Budget Line 49. Endangered Fish Recovery Program. The District contributes funding on an annual basis in support of the Colorado Water Congress (CWC) Colorado River Project. The CWC has designated an individual responsible for representation of water users on the Colorado River Recovery Program's governing, management, and technical committees. The District has a seat on the Executive Committee that directs the activities of the water user representative. Recovery Program activities in the Gunnison Basin were formally initiated in January of 2001.

Budget Line Item 50: Employee Home Loan Assistance Buying Program. This original 2023 set-aside is a continued line item in support of a District home loan assistance buying program. The purpose is to help recruit, attract, and retain qualified employees by addressing the high cost of housing in the Gunnison Valley.

Budget Line 51. Lake Fork Valley Conservancy. This line item provides annual funding to the Lake Fork Valley Conservancy District in support of water resource improvement activities and education and outreach in Hinsdale County within the Upper Gunnison District water boundary.

Budget Line Item 52: Lake San Cristobal (LSC) Expenses. This line item includes administration fees on unsold base units of augmentation water stored in LSC under the plan for augmentation operated by the Lake San Cristobal Water Activity Enterprise. This is calculated as follows: 9,500 total base units, divided by 3, less any base units purchased by that entity, multiplied by \$4.50 per base unit.

Budget Line 53. Public Outreach and Education. Includes funds in support of the District's public outreach and education program. Subcategories are identified below:

53a. Advertising Radio and Newspapers. This item provides funding for print and radio advertising and inclusion of an informational, water piece.

53b. Ongoing Expenses. This item provides funding for on-going activities such as mini-grants and promotional items.

53c. Mayors and Managers Meeting. Supports the District's annual hosting of the meeting.

53d. General Public Outreach. This item provides funding for a variety of public outreach activities.

53e. Local School Involvement. Funding in support of various school-related activities and projects.

53f. Other Sponsorships. This item is intended to fund other currently unidentified sponsorship requests.

53g. Miscellaneous Expenses. This item is intended to fund any additional, miscellaneous public outreach and educational activities or expenses associated with these activities.

Budget Line 54. Regional Water Supply Development. This budget line item supports the District's participation in various water supply related programs. Subcategories are identified below:

- 54a. Cloudseeding.
- 54b. **Emergency Response Mitigation.**
- 54c. Taylor River Modeling.
- 54d. H2O Budget and Return Flow Study

Budget Line Item 55: Taylor Park Project Expenses. This line item covers the amount paid to the Uncompahgre Valley Water Users Association (UVWUA) for the operation of Taylor Park Reservoir dam as specified in the April 16, 1990 contract between the United States, the UVWUA, the Upper Gunnison River Water Conservancy District, and the Colorado River Water Conservation District.

Budget Line Item 56: Watershed Management Planning. This line item supports watershed planning activities which aid in improving water security for all water users in the Upper Gunnison Basin by protecting existing uses, meeting user shortages, and maintaining healthy riverine ecosystems in the face of future demands and climate uncertainty. Current grants the District is managing in support of WMP activities include:

- 56a. CWCB Watershed Management Planning Phase 3 (CWCB 2023-3317)
- 56b. CWCB Water Restoration Grant (CWCB 2022-2085)
- 56c. HAB Study Phase 1
- 56d. HAB Study Phase 2 (TBD)
- 56e. **US Bureau of Reclamation (USBR) Drought Contingency Planning**
- 56f. TU RESTORE

Budget Line Item 57: Wet Meadows Program Expense. This line item summarizes various grants being managed by the District in support of Wet Meadows Program activities and a miscellaneous District general fund contribution to support expenditures like food, program supplies or team building events, coordinator travel, etc. Sub-categories of the funding sources are listed below:

- 57a. FWS Sage Brush Ecosystem
- 57b. USFS PA 2022
- 57c. GOCO 2022 – Including Cheatgrass Coordinator
- 57d. BLM 2023 (L23AS00197)
- 57e. CAWA 2023 (2023-25)
- 57f. Wet Meadows Miscellaneous Expenses

Budget Line Item 58: Water Quality/Quantity Monitoring Program. This line item supports the District's annual agreement with the United States Geological Survey (USGS) for monitoring trends in water quality and quantity throughout the Upper Gunnison basin. Some agency funds are passed through the District under this program (see also income budget line item 9) and as such are included as both income and expenditures. Other entities identified in the comprehensive program pay their annual support directly to the USGS.

**Total Non-Operating Expenses.** Total Non-Operating Expenses for the District in 2024 are expected to be \$1,956,705.

Budget Line Item 59: Capital Outlay Expense. This line item provides funding for the purchase of large items.

Budget Line Item 60. Contingency. This line item allows for additional expenses which may be incurred in 2024 but which are uncertain at the time of budget adoption. It is intended that contingency is used to cover budget over-runs or unanticipated expenses.

DRAFT

## MEMORANDUM



**TO:** UGRWCD Board of Directors  
**FROM:** Beverly Richards, Office Manager  
**DATE:** October 16, 2023  
**SUBJECT:** 2024 Draft Budget Update Summary

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Enclosed is an updated draft of the 2024 budget for discussion. This includes changes made since the draft was presented at the September Board Meeting. The changes include:

- Line 3 – Cloudseeding Income – Included actual funds to be received from CWCB for the Cloudseeding Program.
- Line 7 – Watershed Management Income – Removed USBR Snow Water Measurement in the amount of \$279,000.
- Line 13 – Additional Contribution from Reserve Fund – Balancing amount changed due to changes made to this version of the draft budget.
- Line 28 – Dues, Memberships, Subscriptions – Received actual 2024 amounts for CWC dues.
- Line 35 – Payroll Expense – Updated with actual amounts for medical insurance and payroll.
- Line 47 – Grant Program – Increased amount of 2024 Grant Program as per September discussion with Board of Directors.
- Line 48 – Gunnison County Cheatgrass Coordinator – Moved this line item to Wet Meadows Expense as this position will be partially funded through the Wet Meadows/GOCO 2022 grant.
- Line 54 – Regional Water Supply Improvement - Decreased the amount of the Taylor River Modeling from \$42,000 to \$27,500.
- Line 56 – Watershed Management Expense - Removed USBR Snow Measurement line item in the amount of \$279,000. Included Airborne Snow Observatory Flights in the amount of \$50,000.
- Line 60 – Capital Outlay Expense – This item is for possible capital expenditures identified for 2024. At this time there are none identified.

# UPPER GUNNISON RIVER WATER CONSERVANCY DISTRICT

2024 Budget Detail

**DRAFT**

	A	B	C	E	F	G	H	I	J
1		10/16/23		2023	2024				
2		Account Type	Description	Budget	Budget	Budget			
3				Totals	Detail	Totals			
4		REVENUE							
5	1	Aspinall Water Contract Sales		\$ 20,920	\$ 21,920	\$ 21,920			
6	2	Building Rental Income				\$ 30,000			
7			Unit A		\$ 9,000				
8			Unit C		\$ 21,000				
9	3	Cloud Seeding		\$ 140,750		\$ 120,600			
10		3a	CWCB		\$ 96,850				
11		3b	Gunnison County		\$ 10,000				
12		3c	Gunnison County Stockgrowers		\$ 250				
13		3d	CBMR/Vail Resorts, Inc.		\$ 2,000				
14		3e	East River Sanitation District/Skyland Metro		\$ 2,000				
15		3f	City of Gunnison		\$ 2,000				
16		3g	Town of Mt. Crested Butte		\$ 3,000				
17		3h	Mt. Crested Butte Water and Sanitation District		\$ 2,000				
18		3i	Antelope Hills		\$ 500				
19		3j	Dos Rios		\$ 2,000				
20	4	Interest Income		\$ 20,000	\$ 60,000	\$ 60,000			
21		4a	Interest on Investments						
22		4b	Bonds Market Value Adjustment						
23	5	Property Tax Income		\$ 1,598,974		\$ 2,272,777			
24		5a	General Property Tax		2,176,861				
25		5b	Penalties & Interest on Tax		3,960		Includes 3% from 2023		
26		5c	Specific Ownership Tax		91,956				
27	6	Reimbursed Expenses Income		\$ 34,161		38,696			
28		6a	UGRWAE 4.46% Cost Share		\$ 37,832				
29		6b	LSCWAE Cost Share		\$ 864				
30	7	Watershed Management Income		\$ 363,000		\$ 292,500			
31		7a	CWCB 2023-3317 (WMP Phase III)		\$ 76,500				
32		7b	CWCB 2022-2085 (Water Restoration Grant)		\$ 45,000				
33		7c	HAB Phase 1 - CRWCD CFP Funds		\$ 35,000				
34		7d	HAB Phase 2 - Source TBD		\$ 35,000				
35		7e	USBR Drought Contingency		\$ 90,000				
36		7f	TU RESTORE Income		\$ 11,000				
37	8	Wet Meadows Income		\$ 214,950		\$ 300,470			
38		8a	FWS Sage Brush Ecosystem		\$ 80,000				
39		8b	USFS PA 2022 Income		\$ 25,000				
40		8c	GOCO 2022 Income		\$ 158,100				
41		8d	BLM L23AS00197		\$ 11,600				
42		8e	CAWA 2023-25		\$ 25,770				
43	9	Water Quality Monitoring Income		\$ 38,869		\$ 42,393			

# UPPER GUNNISON RIVER WATER CONSERVANCY DISTRICT

2024 Budget Detail

**DRAFT**

	A	B	C	E	F	G	H	I	J
2		<b>Account Type</b>	<b>Description</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>			
3				<b>Totals</b>	<b>Detail</b>	<b>Totals</b>			
44		9a	Gunnison County		\$ 16,054				
45		9b	Lake San Cristobal Water Activity Enterprise		\$ 14,556				
46		9c	Skyland Metro/East River Sanitation		\$ 1,784				
47		9d	National Park Service		\$ 9,999				
48	10	Unspent Funds from Previous Year				\$ 527,465			
49		10a	District Grant Program		\$ 266,940				
50		10b	Public Outreach and Education		16,100				
51		10c	Cloudseeding		104,425				
52		10d	Home Loan Assistance Program		\$ 100,000				
53		10e	HAB Phase 1 Match - UGRWCD		\$ 30,000				
54		10f	Wet Meadows		\$ 10,000				
55	11	Spencer Avenue Unexpected Expense			\$ 10,000	\$ 10,000			
56	12	Vehicle Income			\$ 5,000	\$ 5,000			
57	13	Additional Contribution from Reserve Fund		\$ 283,636	\$ (467,738)	\$ (467,738)	This is a plug number to balance		
58		<b>TOTAL REVENUES</b>		<b>\$ 2,715,260</b>	<b>\$ 3,254,083</b>	<b>\$ 3,254,083</b>			
59									
61									
62		<b>OPERATING EXPENSES</b>							
63	14	Admin Travel and Expenses		\$ 35,000	\$ 35,000	\$ 35,000			
64	15	Audit		\$ 10,000	\$ 10,000	\$ 10,000			
65	16	Accounting Services		\$ -	\$ 51,000	\$ 51,000			
66	17	BOD Expenses		\$ 15,000	\$ 15,000	\$ 15,000			
67	18	BOD Mileage		\$ 2,200	\$ 5,000	\$ 5,000			
68	19	BOD Mtg Fees		\$ 13,360	\$ 13,360	\$ 13,360			
69	20	Bonding and Insurance		\$ 12,003	\$ 15,000	\$ 15,000			
70	21	Building Repair/Maintenance		\$ 10,000		\$ 10,000			
71		21a	Unit A		\$ 5,000				
72		21b	Unit C		\$ 5,000				
73	22	CAM			\$ 5,400	\$ 5,400			
74	23	Computer Expense		\$ 26,150		\$ 29,300			
75		23a	Computer Asset Purchase		\$ 6,000				
76		23b	Computer Repair/IT Support		\$ 5,800				
77		23c	Software		\$ 7,500				
78		23d	Internet		\$ 6,500				
79		23e	Carbonite Storage		\$ 3,500				
80	24	Copier Expenses		\$ 5,000	\$ 5,500	\$ 5,500			
81	25	County Treasurers' Fees		\$ 47,969	\$ 49,410	\$ 49,410	Plus 3% from 2023		
82	26	Spencer Avenue Business Park (Unit A Renovation)			\$ 130,000	\$ 130,000			
83	27	Spencer Building Unexpected Expense		\$ 10,000		\$ 10,000			
84		27a	Unit A		\$ 5,000				
85		27b	Unit C		\$ 5,000				
86	28	Dues, Memberships, Subscriptions		\$ 15,000		\$ 16,475			
87		28a	Colorado Water Congress Membership		\$ 2,850				

# UPPER GUNNISON RIVER WATER CONSERVANCY DISTRICT

2024 Budget Detail

**DRAFT**

	A	B	C	E	F	G	H	I	J
2		<b>Account Type</b>	<b>Description</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>			
3				<b>Totals</b>	<b>Detail</b>	<b>Totals</b>			
88		28b	NWCCOG - QQ		\$ 600				
89		28c	Water Education Colorado		\$ 600				
90		28d	Special District Association of Colorado		\$ 1,300				
91		28e	Employers Council		\$ 2,000				
92		28f	CWC State Affairs Committee		\$ 650				
93		28g	CWC Federal Affairs Committee		\$ 325				
94		28h	Weather Modification Association		\$ 300				
95		28j	Lexis Nexus		\$ 7,850				
96	29	Legal Publication		\$ 6,000	\$ 10,000	\$ 10,000			
97	30	Manager's Discretionary Budget		\$ 25,000	\$ 25,000	\$ 25,000			
98	31	Meeting Expenses		\$ 4,000	\$ 5,000	\$ 5,000			
99	32	Office Cleaning			\$ 6,500	\$ 6,500			
100	33	Office Equipment Exp		\$ 21,500	\$ 21,500	\$ 21,500			
101	34	Office Supplies & Expenses		\$ 21,250	\$ 12,000	\$ 12,000			
102	35	Payroll Exp		\$ 762,354		\$ 773,623			
103		35a	CRA Retirement Plan		\$ 46,524				
104		35b	Medical Insurance		\$ 54,556				
105		35c	Payroll Taxes		\$ 47,753				
106		35d	Salaries		\$ 608,320				
107		35e	Staff Development		\$ 9,270				
108		35f	Work Comp Ins		\$ 7,200				
109	36	Postage		\$ 1,500	\$ 1,000	\$ 1,000			
110	37	Telephone		\$ 7,110	\$ 7,110	\$ 7,110			
111	38	Utilities		\$ 15,516		\$ 4,200			
112		38a	Unit A		\$ 1,000				
113		38b	Unit C		\$ 3,200				
114	39	Vehicle Expenses		\$ 4,525	\$ 7,000	\$ 7,000			
115		<b>TOTAL OPERATING EXPENSES</b>		<b>\$ 1,070,437</b>	<b>\$ 1,273,378</b>	<b>\$ 1,273,378</b>			
116									
117									
118									
119									
120		<b>NON-OPERATING EXPENSES</b>							
121	40	Asp Subordination Report		\$ 5,000	\$ 5,500	\$ 5,500			
122	41	Aspinall Contracts		\$ 17,040	\$ 21,920	\$ 21,920			
123	42	City of Gunnison Cleanup		\$ 2,000	\$ 2,000	\$ 2,000			
124	43	Consulting/Engineering		\$ 15,000	\$ 46,000	\$ 46,000			
125	44	Coal Creek Watershed Coalition		\$ 10,000	\$ 10,000	\$ 10,000			
126	45	Colorado Dust on Snow		\$ 3,500	\$ 3,500	\$ 3,500			
127	46	Drought Contingency Planning Match		\$ 44,000	\$ 30,000	\$ 30,000			
128	47	District Grant Program		\$ 300,000	\$ 250,000	\$ 250,000			
129	48	Gunnison River Festival		\$ 10,000	\$ 11,000	\$ 11,000			
130	49	Endangered Fish Recovery Program		\$ 3,000	\$ 3,000	\$ 3,000			

# UPPER GUNNISON RIVER WATER CONSERVANCY DISTRICT

2024 Budget Detail

**DRAFT**

	A	B	C	E	F	G	H	I	J
2		<b>Account Type</b>	<b>Description</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>			
3				<b>Totals</b>	<b>Detail</b>	<b>Totals</b>			
131	50	Home Loan Program Contribution		\$ 100,000	\$ -	\$ -			
132	51	Lake Fork Valley Conservancy		\$ 10,000	\$ 10,000	\$ 10,000			
133	52	Lake San Cristobal Expenses		\$ 13,464	\$ 13,464	\$ 13,464			
134	53	Public Outreach and Education		\$ 61,680		\$ 61,485			
135		53a	Advertising Radio and Newspapers		\$ 13,000				
136		53b	Ongoing Expenses (Mini-grants Promotional Items)		\$ 11,500				
137		53c	Mayors and Manager Meeting		\$ 300				
138		53d	General Public Outreach		\$ 19,250				
139		53e	Local School Involvement		\$ 12,500				
140		53f	Other Sponsorships		\$ 1,250				
141		53g	Miscellaneous Expenses		\$ 3,685				
142	54	Regional Water Supply Improvement				\$ 550,500			
143		54a	Cloudseeding	\$ 189,060	\$ 173,000				
144		54b	Emergency Response Mitigation		\$ 100,000				
145		54c	Taylor River Modeling		\$ 27,500				
146		54d	H2O Budget and Return Flow Study		\$ 250,000				
147	55	Taylor Park Projects Expense		\$ 7,436	\$ 7,436	\$ 7,436			
148	56	Watershed Management Expense		\$ 482,920		\$ 440,500			
149		56a	CWCB 2023-3317 (WMP Phase 3)		\$ 79,500				
150		56b	HAB Phase 1 Expense		\$ 65,000				
151		56c	HAB Phase 2 Expense		\$ 70,000				
152		56d	CWCB 2022-2085 (Watershed Restoration)		\$ 45,000				
153		56e	USBR Drought Contingency		\$ 120,000				
154		56f	TU RESTORE		\$ 11,000				
155		56g	Airborne Snow Observatory Flights		\$ 50,000				
156	57	Wet Meadows Expense		\$ 300,470		\$ 320,470			
157		57a	FWS Sage Brush Ecosystem		\$ 80,000				
158		57b	USFS PA 2022 Income		\$ 25,000				
159		57c	GOCO 2022 Income - including Cheatgrass Coordinator		\$ 158,100				
160		57d	BLM L23AS00197		\$ 11,600				
161		57e	CAWA 2023-25		\$ 25,770				
162		57f	Wet Meadows Miscellaneous		\$ 20,000				
163	58	Water Quality Monitoring		\$ 157,930	\$ 169,930	\$ 169,930			
164		<b>TOTAL NON-OPERATING EXPENSES</b>		<b>\$ 1,732,500</b>	<b>\$ 1,956,705</b>	<b>\$ 1,956,705</b>			
165									
166	60	Capital Outlay Expense		\$ 45,250	-	-			
167	61	Contingency		\$ 24,000	24,000	24,000			
168									
169		<b>TOTAL EXPENSES</b>		<b>\$ 2,872,187</b>	<b>\$ 3,254,083</b>	<b>\$ 3,254,083</b>	\$ -	plug number	



# **AGENDA ITEM 7**

**Basin Water Supply**

## **MEMORANDUM**

**TO:** UGRWCD Board Members

**FROM:** Beverly Richards, Water Resource Specialist

**DATE:** October 16, 2023

**SUBJECT:** Basin Water Supply Information

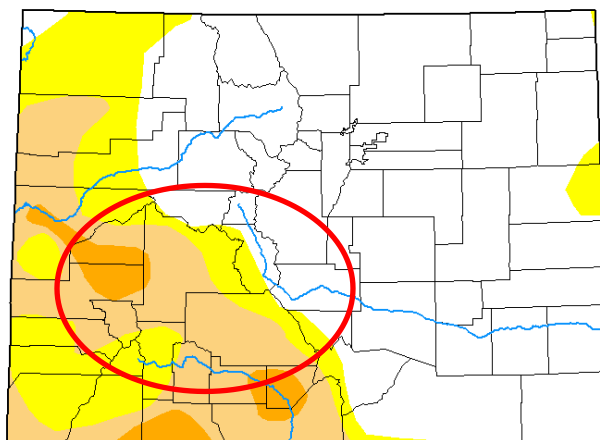
The information supplied as part of this memorandum is a monthly feature and includes information about drought, precipitation, streamflow, and reservoir storage.

### **Current Conditions – Drought and Precipitation**

As shown in the map from the *US Drought Monitor* dated October 3, 2023, drought conditions continue to return in a large portion of the western and southwestern part of the state, and we have also seen some of the intensity increasing in this area. Gunnison County currently shows 35% of the county experiencing abnormally dry (D0) conditions, 62% of the county has moved into moderate drought conditions (D1), and 3% of the county has moved into the severe (D2) category. Hinsdale County shows 77% of the county in abnormally dry conditions and 23% is now in moderate drought conditions, which is an increase of 14% over the past month. The same is true for Saguache County where 23% of the county is experiencing abnormally dry conditions and 77% has now moved into moderate drought conditions.

#### ***U.S. Drought Monitor*** **Colorado**

**October 3, 2023**  
(Released Thursday, Oct. 5, 2023)  
Valid 8 a.m. EDT



#### **Intensity:**

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

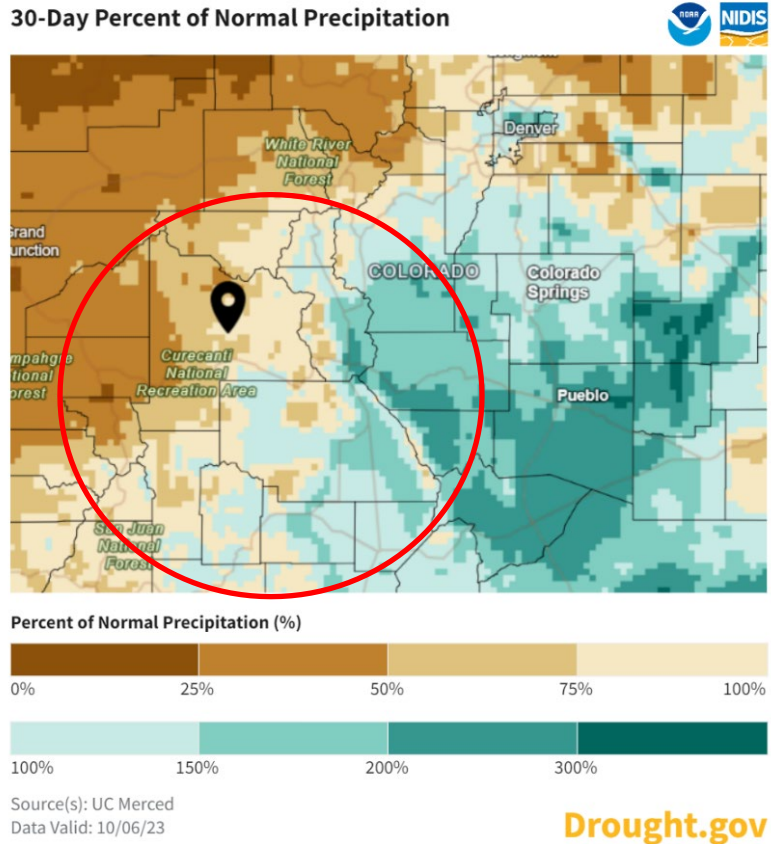
#### **Author:**

Brad Pugh  
CPC/NOAA



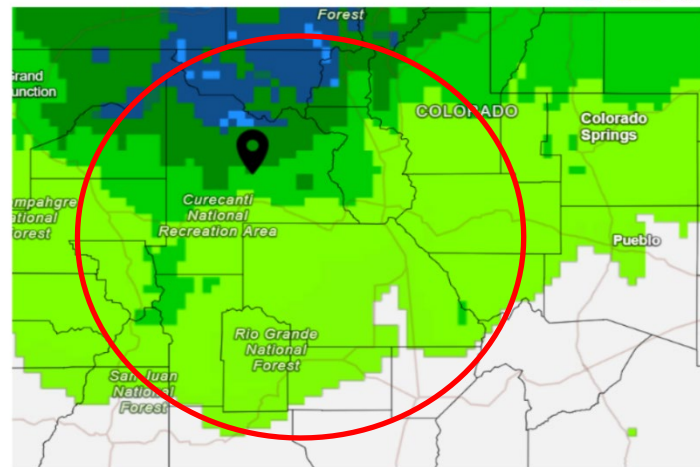
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

More severe drought conditions are returning to the area due in part to the lack of precipitation in the past few months. As shown in the figure provided below (*Drought.gov*, October 6, 2023), precipitation in the Upper Gunnison River Basin for the past 30 days has remained on the dry side with a large portion of the area receiving only 25 to 100% of normal. These areas are primarily located in Gunnison County as some areas of Hinsdale and Saguache counties have received precipitation amounts ranging from 100% to 200% of normal for this time of years.



The 7-day Quantitative Precipitation Forecast figure below dated October 9, 2023, shows the precipitation forecast for the next seven days. This forecast indicates that the area could receive precipitation in the range of 0.01” all the way up to 0.75” in the northern part of Gunnison County.

### 7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center  
Data Valid: 10/09/23

**Drought.gov**

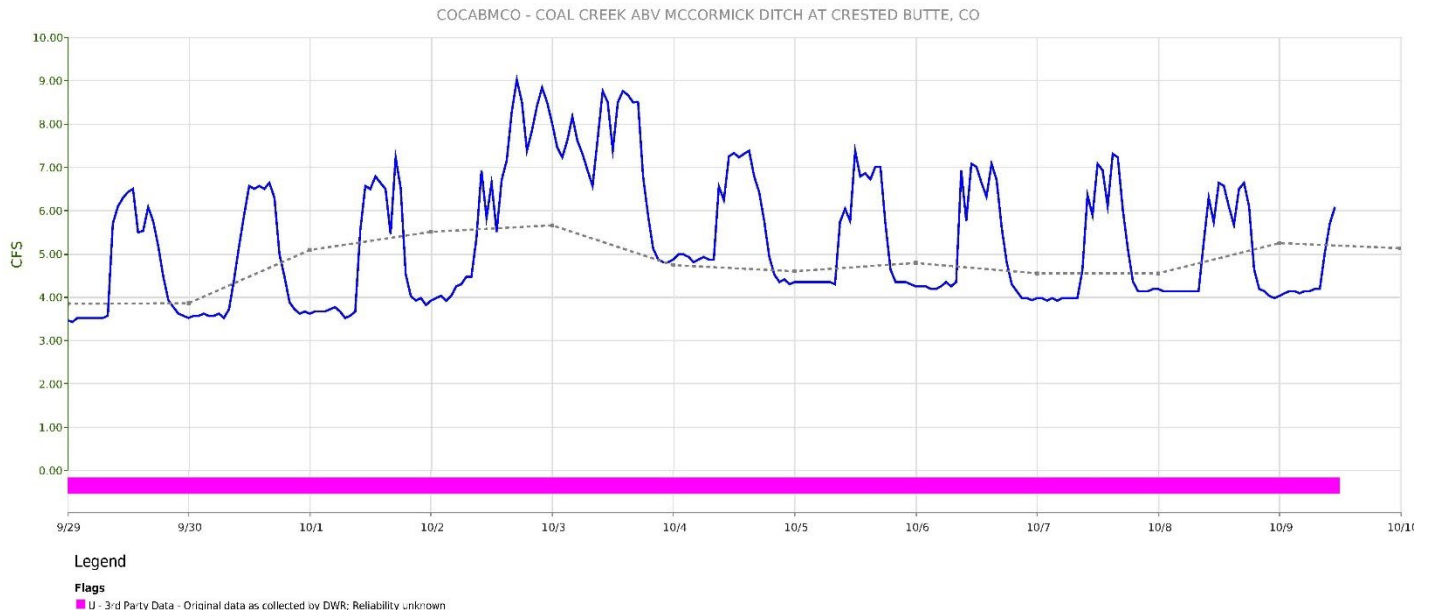
### Streamflow Information

Streamflow information throughout the basin is provided in the table below. As shown, streamflow at all the sites on October 9 have continued to decrease as is typical of this time of year. All the sites we monitor in the basin are recording below the historical average for October 9, except Coal Creek above McCormick Ditch.

<b>Station Name</b>	<b>September 14 (cfs)</b>	<b>October 9 (cfs)</b>	<b>Historical Average October 9 (cfs)</b>
Gunnison River near Gunnison	417	258	411
Gunnison River at Gunnison Whitewater Park	408	Stopped 10/1	
Tomichi Creek at Sargent's	28	26	30
Tomichi Creek at Gunnison	84	69	86
Taylor River at Taylor Park	56	49	61
Taylor River blw Taylor Park Reservoir	291	99	206
Taylor River at Almont	371	154	261
Slate River abv Baxter Gulch	19	15	32
Coal Creek abv McCormick Ditch	5	6	5
East River blw Cement Creek	94	85	115
East River at Almont	127	77	120
Ohio Creek near Baldwin	17	14	23
Lake Fork blw Lake San Cristobal*	35	28	29
Henson Creek at Lake City	31	26	31
Lake Fork at Gateview	107	89	105

\*There is an instream flow right associated with this gage site. The winter rate of 25 cfs is now in place beginning October 1 through April 30.

Gage sites in the north part of the valley continue to show considerable fluctuations due to recent precipitation though the amounts have been low. The hydrograph for Coal Creek Abv McCormick Ditch is shown below to highlight those fluctuations since September 29.

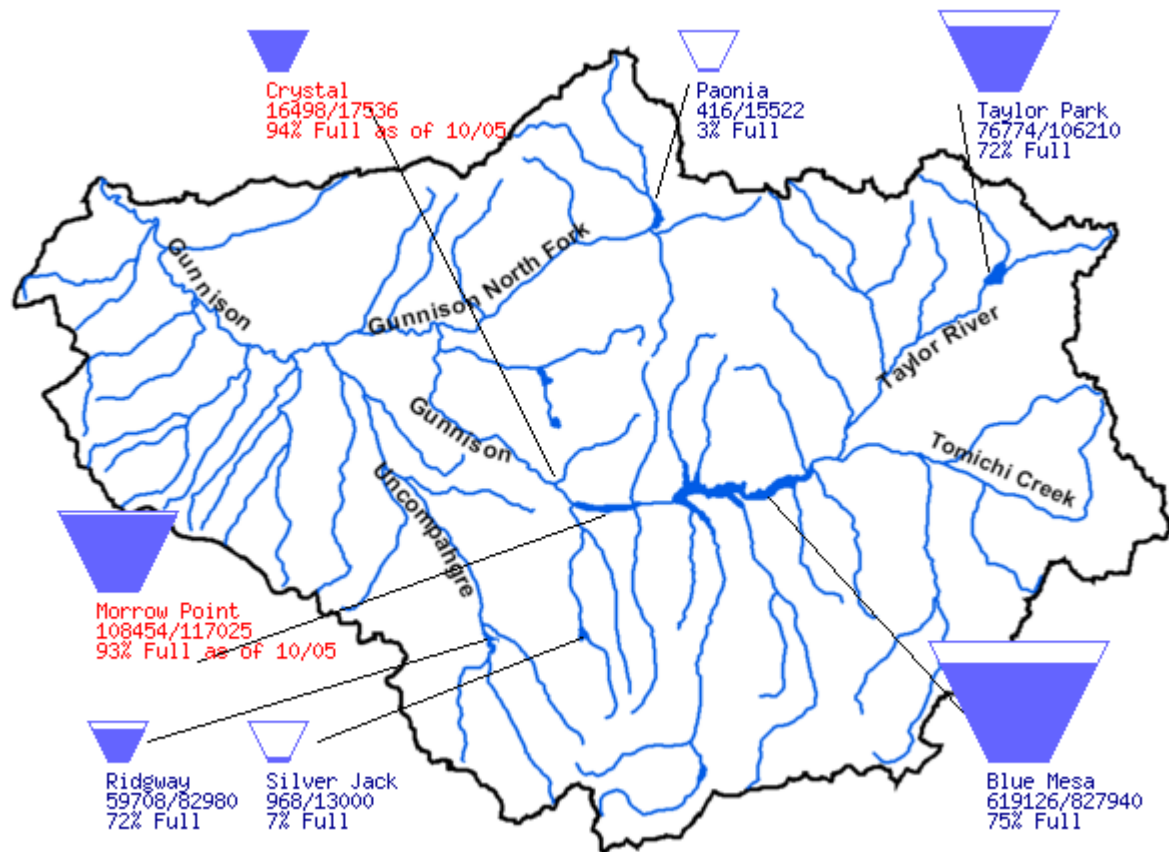


## Reservoir Storage and Operations

According to the *Tea-Cup Diagram from the Bureau of Reclamation* dated October 8, reservoir storage in the entire Gunnison Basin is at 59% of full, which is a decrease of 7% from last month's report. The lower totals continue to be due to the levels in Paonia and Silver Jack Reservoirs both of which are used primarily for agriculture as these are included in the average calculations. The reservoirs in the Upper Gunnison basin, Taylor and Blue Mesa, are at 72% and 75% of full, respectively. The total reservoir storage in the Upper Gunnison basin is 74% which is a decrease of 5% from last month's report.

Data Current as of:  
10/08/2023

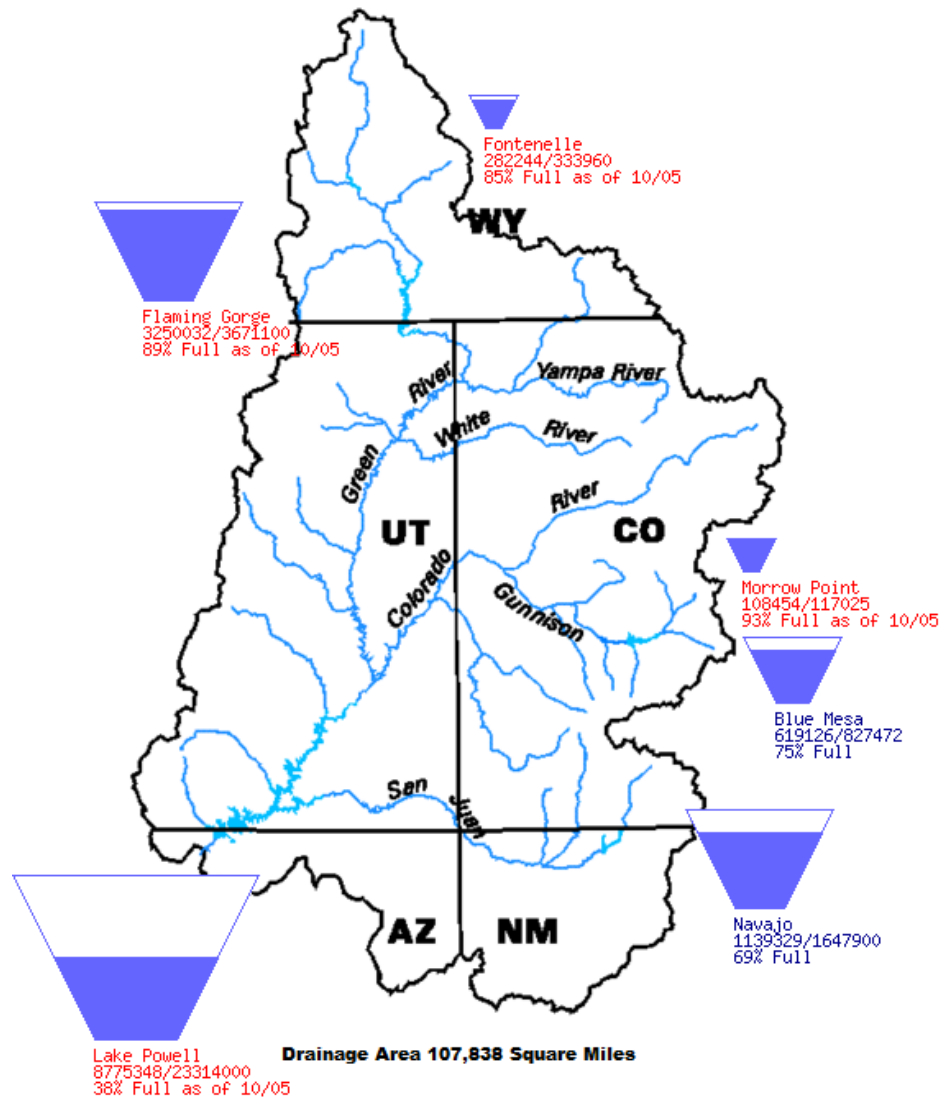
## Gunnison River Basin, CO



Reservoir storage in the Upper Colorado River Basin is now at 77% full. This is a 3% decrease from last month's report, but a 14% increase from last year at this time. This is reflected in the tea-cup diagram below dated October 8, though the amounts of most of the reservoirs in the system were provided as of October 5.

Data Current as of:  
10/08/2023

## Upper Colorado River Drainage Basin





### Aspinall Unit Operations:

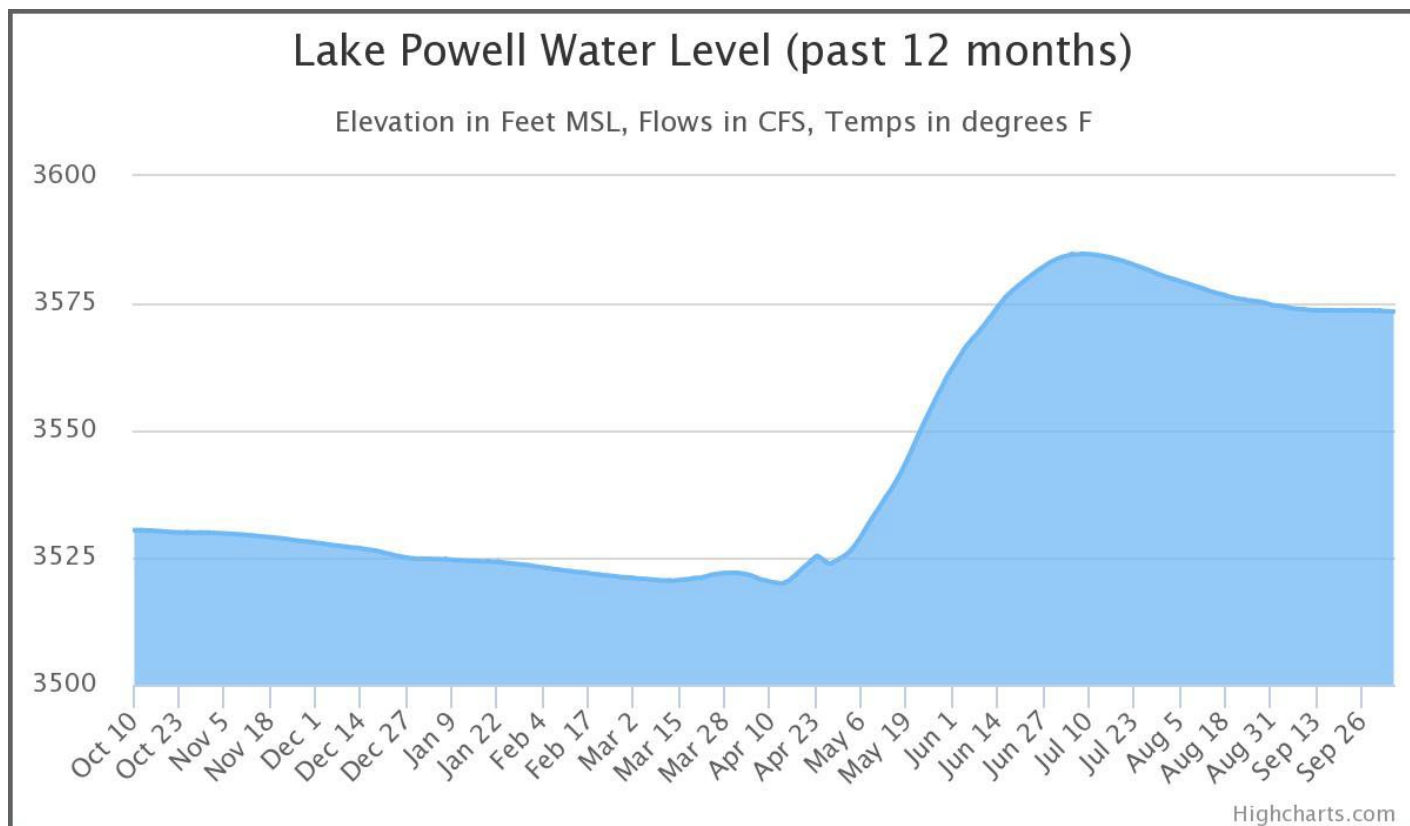
As of September 10, 2023 (*Aspinall Operation website, US Bureau of Reclamation*), the unregulated inflows into Blue Mesa for September, October, and November are projected to be 110,000 acre-feet which is 108% of average. Though final numbers are not out year, the total unregulated inflow for WY23 is projected to be 890,000 acre-feet which is 98% of average and the water supply period of April through July had inflows in the amount of 618,000 acre-feet which is 97% of average.

The elevation of the reservoir increased dramatically between April and the end of June. On April 9 the elevation of Blue Mesa was 7444.46 feet, and the reservoir was 36.3% full. On June 25 the elevation reached its peak for the year at 7512.47 and the current reservoir elevation is 7495.07 which corresponds to 75% of capacity.

### Lake Powell Operations:

This information is provided by the *Lake Powell Water Database* webpage ([lakepowell.water-data.com](http://lakepowell.water-data.com)) and is dated October 5, 2023.

Lake Powell elevation is currently 3578.38 feet with a content of 8,775,348 acre-feet which is 38% full. The hydrograph provided below shows the elevation change for the past twelve months. The elevation in the reservoir has risen 43.33 feet from this time last year. WY24 has begun and total inflows thus far have been 70,573 acre-feet which is 56% of average. Releases for October have been 77,477 which 1.03% of the minimum required releases of 7.5 million acre-feet (maf). Lake Powell is now 126.62 feet below the full pool.



According to the data provided, the 34 tracked reservoirs above Lake Powell are currently at 80% of capacity. The rivers feeding into Lake Powell are currently running at 83% of average for October 9. These include the Colorado River (84%); Green River (96%); San Juan River (58%); San Rafael (46%), Dirty Devil River (24%); Mill Creek (88%), and the Escalante River (3%). The current total flow for these rivers on October 9 is 7,109 cfs and the average for this date is a total of 8,581 cfs (83%).

# **AGENDA ITEM 8**

## **General Manager and Committee Reports**

# **AGENDA ITEM 8**

## **Treasurer's Report**

# **AGENDA ITEM 8**

**General Manager's Update**

## **MEMORANDUM**



**TO:** Board of Directors  
**FROM:** Sonja Chavez, General Manager  
**DATE:** October 17, 2023  
**SUBJECT:** General Manager & Program Updates (October)

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### **I. Treasurer's Report**

### **II. General Manager Updates**

#### **A. Executive Committee Meeting Report**

#### **B. State Water Quality Matters**

##### **1) SB23-274 (Water Quality Fee Setting Rules) Important Dates**

- *May 2024 Rulemaking:* WQCD will take drinking water and commerce and industry sector cash fees and establish those rules with inflationary increase (limited in scope, 4 to 5 page regulation vs 25 page regulation).
- *July 2024 Budget Planning:* WQCD will have developed budget recommendations for spending authority and future general fund and cash fund mix to set Division up for success for SFY25-26
- *May 2025 Rulemaking:* WQCD will have set revised fees to address permit backlogs, feasibility, quality, direct potable reuse, consumer confidence, lead and copper rule, PFA's rule, mobile home park, etc.

Input on fee setting will be received via a facilitated sub-group and broader stakeholder workgroup process over the next year or so.

The SFY22-23 budget table below outlines sources of current revenue for the WQCD for existing programs.

Water Quality Control Division SFY22-23 Budget					
	Administration	Clean Water	Drinking Water	Indirect	Total
General Fund	\$880,565	\$4,241,719	\$3,864,378	\$0	\$8,986,662
Cash Funds	\$680,478	\$7,481,738	\$576,794	\$1,622,677	\$10,361,687
Federal Funds	\$961,195	\$9,753,982	\$5,061,944	\$3,381,336	\$19,158,457
<b>Total</b>	<b>\$2,522,238</b>	<b>\$21,477,439</b>	<b>\$9,503,116</b>	<b>\$5,004,013</b>	<b>\$38,506,806</b>



## 2.) Regulation #101: State Revolving Fund (SRF) Loan Program Approval of Intended Use Plans (IUP's)

SRF provides low-cost affordable funding/financing for projects within our State for Drinking Water and Clean Water. The SRF is a federally subsidized program. *Intended Use Plans* (IUP's) are required for identifying use of funds, eligibility, grant requirements, and financing structure including but not limited to loan types, disadvantaged community, loan administration, etc.

Three different agencies work together to implement the SRF, and those entities include Colorado Water Resources and Power Development Authority, Colorado Department of Public Health & Environment, and Colorado Department of Local Affairs. A summary of their responsibilities can be found in the table below.

State Revolving Fund (SRF) Partner Agencies and Roles		
CDPHE Water Quality Control Division	Colorado Water Resources & Power Development Authority	Colorado Department of Local Affairs
 <ul style="list-style-type: none"> <li>Primacy agency.</li> <li>Program administration.</li> <li>Technical review and advisory role.</li> <li>Manage DWRP set asides.</li> <li>Federal compliance reporting.</li> </ul>	 <ul style="list-style-type: none"> <li>Financial structure.</li> <li>Prepare and execute loan agreements.</li> <li>Manage budgets and investments.</li> <li>Disburse funds.</li> <li>Financial reporting.</li> <li>Loan portfolio monitoring.</li> </ul>	 <ul style="list-style-type: none"> <li>Conduct financial capacity assessments.</li> <li>Financial and managerial assistance to systems.</li> <li>Coordinate funding collaboration.</li> <li>SRF outreach.</li> </ul>




Currently SRF has 175 active projects (13 drinking water loans, 9 wastewater loans, and 19 design and engineering grants). Bipartisan Infrastructure Law funding includes \$150M with \$75M in principal forgiveness.

The *SRF Program* is seeing impacts from reduced funding beginning in 2022. The drop is a result of Congressionally Directed Spending (CDS) requests or earmarks. Keith McLaughlin (Colorado Water Resources & Power Development Authority, WRPDA) anticipates that as early as January 2024 the state will be out of funding. Fifty-six percent loss over the last two years. Over the next 20 years this will result in another \$20M loss in loan repayment interest going back into the fund. Eighty-six percent of the Drinking Water funds are supported by loan repayment of funds. WRPDA and stakeholders are working to get CDS requests reduced or eliminated. Colorado is 1 of 36 states that lost funding. Those that did well were represented by delegates serving on the appropriation committee for this fund.

SRF Funding Outlook			
EPA Grant	2021	2022	2023
DWRF Base Funding	\$21.7 m	\$13.9 m	\$8.6 m
WPCRF Base Funding	\$12.7 m	\$9.2 m	\$6.0 m
BIL DWRF Funding	N/A	\$106 m	\$82 m
BIL WPCRF Funding	N/A	\$14.9 m	\$18.3 m

- 2023: BIL funds cut 17%. Base funds cut 37% (57% cut from 2021).
- 2024: Expecting BIL funds cut by 7% from 2022. Base funding levels uncertain based on competing house/senate bills, but additional cuts expected.
- Significant cut to Base SRF funding from earmarks.
- Cut to Base SRF impacts loan capacity, fund perpetuity, set-asides for Division drinking water program.



Because of the overall impact of CDS requests on SRF, the state will have to prioritize decision making on funding awards. Under Bipartisan Infrastructure Law (BIL) they will also have to identify those entities eligible for principal forgiveness.

*Conversion Planning* grants (\$25k) are being implemented this year and are meant for private non-profit organizations wanting to become a public improvement district which is beneficial for these entities.

*Drinking water contaminants* funding need is increasing significantly and almost no funding is being requested under emerging contaminants, therefore they're working to transfer funding from the wastewater fund to the drinking water fund (approximately \$4.2 million).

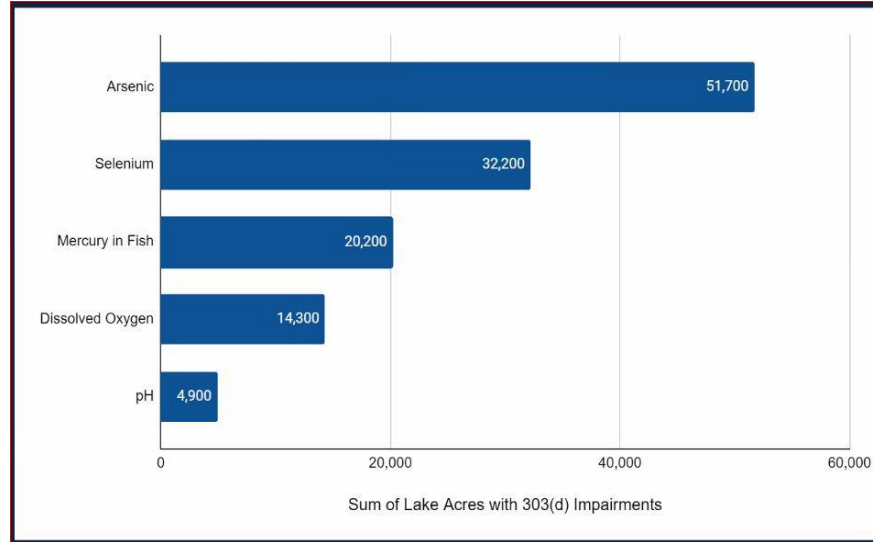
### 3. Water Quality Monitoring and Assessment Integrated Report

Requires states to report on water quality every two years for Clean Water Act (CWA) 303(d) list of impaired water bodies, 305(b) water quality status report and section 314 (including lakes and reporting requirements). This year, the WQCD received the approval to present their information in the form of a story map which can be found via the following link (story map also available in Spanish):

<https://storymaps.arcgis.com/stories/38204ef388f642a5b04089124d541b90>



Primary causes of impairment in Colorado are identified in the table below.



Also attached as Exhibit A to this memorandum is an excerpt of impaired water bodies in the Upper Gunnison basin.

#### **4. WQCD Environmental Section Engineering Review of Homestake Mining Company Alternatives Analysis Associated with a Request for a Discharge Specific Variance**

Attached is the Memorandum (Exhibit B) from the Water Quality Control Division (WQCD) Standards Unit to the Engineering Section Unit regarding their review of the Draft Alternatives Analysis for a Discharge Specific Variance to the water quality-based uranium standards for the Homestake Pitch Uranium Mine. The document is well written and the General Manager is happy to answer any board questions and will also be asking about the Board's interest in receiving a presentation from Homestake leadership.

#### **C. U.S. Senate Agriculture Sub-Committee Calls for Cut in Red Tape**

*Denver* — U.S. Senators Michael Bennet (D-Colo.) and Roger Marshall (R-Kan.), Chair and Ranking Member of the U.S. Senate Committee on Agriculture, Nutrition, and Forestry's Subcommittee on Conservation, Climate, Forestry, and Natural Resources, urged the leaders of the Senate Agriculture Committee to improve the Regional Conservation Partnership Program (RCPP) in the upcoming Farm Bill reauthorization. A link to the letter can be found [HERE](#).

#### **D. State Drought Planning**

Verbal update will be given by the General Manager.

#### **E. Upper Gunnison Basin Water Budget & Irrigation Return Flow Study**

Verbal update will be given by the General Manager.

## **F. Town of Crested Butte Source Water Protection Planning**

During the month of October, the following source water protection activities have commenced or been completed:

### **Notable Activities:**

- 2023 Town of Crested Butte Source Water Protection Updates:
  - On Thursday, September 28<sup>th</sup>, The Town of Crested Butte and the Colorado Rural Water Association (CRWA) Source Water Assessment and Protection (SWAP) team hosted their 2<sup>nd</sup> Source Water Protection Planning Workshop for the Town of Crested Butte.
  - The SWAP Risk Assessment Matrix was introduced to identify “Probability of Impact” and “Impact to Water System” of water quality and quantity considerations along Coal Creek and the Slate River.
  - Stakeholders provided an overview of water quality and quantity considerations which included the following:
    - Mineral & Metal Loading
    - Septic Systems
    - Oil & Gasoline
    - Land use
    - Existing Watershed Protection District
  - A common limitation identified for stakeholders to conduct meaningful work was U.S. Forest Service (USFS) NEPA clearances. USFS Water Program Manager, Lizandra Nieves-Rivera, indicated that while she was new to the area and developing the water program, she would assist partners in developing a participating agreement that overlapped partner and USFS objectives.

## **G. Wet Meadows Program Update**

During the month of October, the following Gunnison Basin Wet Meadows & Riparian Restoration Collaborative (Wet Meadows) activities have commenced or been completed:

- On October 3, 2023, UGRWCD Water Resource Specialist, Cheryl Cwelich, received the *2023 Riparian Association Award*. Congratulations Cheryl!
- During the month of October, the Wet Meadows crew completed two additional private property erosion-control projects, along with private and federal cheatgrass treatments and are wrapping up site assessments for the season.
- Wet Meadows crew members, along with the Program Manager, attended the Sustaining Colorado Watersheds conference during the week of October 2<sup>nd</sup>

through 5<sup>th</sup>, which was focused on outcomes of SB23-270, assessments for LTBPR and building relationships across different water user groups.

- Colorado Agricultural Water Alliance (CAWA), a grantor of the Program, toured one of the 2023 private property projects on October 17<sup>th</sup> with partners and press.
- Staff met with key Wet Meadows stakeholders to discuss the future vision of the Program Manager's role, along with the Sagebrush Steppe Habitat Restoration & Cheatgrass Coordinator and strategies to navigate constraints with NEPA clearances.
- The Program Manager along with Colorado Parks & Wildlife had an educational outreach workday with Western students on October 19<sup>th</sup> and a volunteer workday with High Country Conservation Advocates (HCCA) on October 21<sup>st</sup>.
- Staff are working with the Bureau of Land Management (BLM) to finalize 2023 and 2024 funding agreements.

## **H. Education and Outreach Update**

- The RMBL field trips have now concluded in Gothic with several classes each participating from Gunnison Elementary School, Crested Butte Community School, and Lake City School. Lake Fork Valley Conservancy (LFVC) Director Zach Dutra attended the field trip with the students from Lake City Schools and said it was an awesome educational experience. He and Katie Lawn from RMBL are collaborating on doing an educational program at the Lake Fork sometime in the spring of 2024. LFVC has also offered to help share the cost of the 2023 direct school charges from RMBL.
- The District's underwriting message on KBUT was updated from a summer to a fall theme.
- A Mini-Grant application was received from Elisa Loper, the STEM teacher at Lake City School for funding in the amount of \$500 for a class called "Water: Conservation, Quality, and Impacts" which includes testing components and research. This grant application was approved by the Education and Outreach Committee for funding in 2023.
- Sue Uerling continues to contact the two remaining 2023 Mini-Grant recipients, the CB Climate Kids (for conservation outreach) and Gunnison County (for signage at the Whitewater Park), to request their final reports for reimbursement prior to the end of the budget year.

## **I. Taylor Local Users Group**

The October 1<sup>st</sup> operational forecast saw a drop of 1,000 AF from the mid-Sept forecast. The Oct 31 content is now projected to be 75,900 AF.

**J. Scientific Endeavors**

- Updates from Director Carroll
- Upper Gunnison Basin ASO Flights: Verbal update will be given by General Manager.

**K. Colorado River District October Board Meeting Update**

**COGUUG01\_B** Stewart Creek

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	5.3
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	N - not supported

**COGUUG01\_C** All tributaries to the Gunnison River, including wetlands, within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Raggeds, Fossil Ridge, or Uncompahgre Wilderness Areas, excluding Stewart Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	436.5
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	N - not supported

**COGUUG02\_D** Red Creek and East Elk Creek and their tributaries.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	43.5
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
I - insufficient information	F - fully supporting	F - fully supporting	F - fully supporting

**COGUUG02\_E** All tributaries and wetlands from Beaver Creek to Meyers Gulch, from the West Elk Wilderness boundary to their confluences with Blue Mesa Reservoir, Morrow Point Reservoir, or the Gunnison River, excluding Steuben, and Soap Creek and their tributaries. except for Red and Elk Creeks.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	98.3
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	F - fully supporting

**COGUUG04\_A** all tributaries and wetlands of the Taylor River, from the source to the confluence with the Gunnison River except for specific listings in Segment 1.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	347.6
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	F - fully supporting

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**COGUUG04\_B** Mainstem of Taylor River

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	37.9
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	I - insufficient information

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**COGUUG05a\_A** Mainstem of the East River, including all tributaries and wetlands, from its sources to a point immediately above the confluence with the Slate River, except for specific listings in Segments 1.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	75.0
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	I - insufficient information

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**COGUUG05b\_A** Mainstem of the East River from a point immediately above the Slate River to the confluence with the Gunnison River.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	11.1
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	F - fully supporting

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**COGUUG06a\_A** All tributaries to the East River from a point immediately above its confluence with the Slate River to its confluence with the Gunnison River, except for specific listings in Segments 6b and 6c.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C2 - Class 2 Cold Water Aquatic Life	U - Undetermined	39.9
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	NA - not applicable

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**COGUUG06b\_A** Tributaries and wetlands of Cement Creek from the source to a point immediately above the confluence with Horse Basin Creek.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	14.4
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	F - fully supporting

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**COGUUG06b\_B** Mainstem of Cement Creek from the source to a point immediately above the confluence with Horse Basin Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	11.8
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting

**COGUUG06c\_A** Cement Creek, including all tributaries and wetlands, from a point immediately above the confluence with Horse Basin Creek to the confluence with the East River.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	10.7
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	N - not supported

**COGUUG07\_A** Mainstem of the Slate River from its source to Oh-Be-Joyful Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	8.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	N - not supported

**COGUUG07\_B** Mainstem of the Slate River from Oh-Be-Joyful Creek to a point immediately above the confluence with Coal Creek

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	4.7
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	I - insufficient information

**COGUUG08\_A** Mainstem of the Slate River from a point immediately above the confluence with Coal Creek to the confluence with the East River.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	9.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	I - insufficient information	F - fully supporting

**COGUUG09\_B** Mainstem of Coal Creek from source to Elk Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	3.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

**COGUUG09\_C** Mainstem of Washington Gulch

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	8.6
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	I - insufficient information	N - not supported	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

**COGUUG09\_E** All tributaries and wetlands to the Slate River, excluding Coal Creek (above Elk Creek) and Washington Gulch.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	22.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	I - insufficient information	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

**COGUUG09\_F** All tributaries and wetlands to Coal Creek except those specified in COGUUG09\_G, and segments COGUUG11 and COGUUG12.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	5.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

**COGUUG09\_G** Drainage from natural iron fen (38.863897, -107.041530) tributary to Coal Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	0.2
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported



**COGUUG10a\_A** Mainstem of Oh-Be-Joyful Creek from the boundary of the Raggeds Wilderness Area to the confluence with the Slate River.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	2.2
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			NA - not applicable

**COGUUG10b\_A** All tributaries, including wetlands, to Redwell Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	1.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			NA - not applicable

**COGUUG11\_B** Elk Creek and its tributaries

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	2.4
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

**COGUUG11\_D** Mainstem of Coal Creek from a point immediately above the confluence with Elk Creek to a point immediately above the Keystone discharge (38.867117, -107.023627) .

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	2.2
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

**COGUUG12\_C** Mainstem of Coal Creek, from a point immediately below the Keystone discharge (38.867117, -107.023627) to the confluence with the Slate River.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	2.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	I - insufficient information	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

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**COGUUG12\_D** Unnamed tributary draining Red Lady Basin to Coal Creek

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	2.2
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting

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**COGUUG13\_A** Mainstem of Woods Creek from the source to the confluence with Washington Gulch.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C2 - Class 2 Cold Water Aquatic Life	E - Existing Use	5.6
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting

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**COGUUG14\_A** Mainstem of the Gunnison River from its inception at the confluence of the East and Taylor rivers to the inlet of Blue Mesa Reservoir.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	18.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting

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**COGUUG15a\_A** All tributaries and wetlands to the Gunnison River from the confluence of the East and Taylor Rivers to the inlet of Blue Mesa Reservoir, excluding South Beaver Creek.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C2 - Class 2 Cold Water Aquatic Life	U - Undetermined	251.6
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	I - insufficient information	F - fully supporting	F - fully supporting

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**COGUUG15a\_B** Mainstem of South Beaver Creek from Saguache/Gunnison County Line to the confluence with the Gunnison River.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C2 - Class 2 Cold Water Aquatic Life	U - Undetermined	7.7
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	N - not supported

---

**COGUUG15b\_A** South Beaver Creek, including all tributaries and wetlands, from the source to the Saguache/Gunnison County line.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	45.1
	Aquatic Life Use	Recreational Use	Agriculture Use
	F - fully supporting	F - fully supporting	F - fully supporting

**COGUUG16a\_C** Ohio Creek and its tributaries below Baldwin

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	99.1
	Aquatic Life Use	Recreational Use	Agriculture Use
	F - fully supporting	F - fully supporting	I - insufficient information

**COGUUG16a\_D** Ohio Creek above Baldwin

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	28.4
	Aquatic Life Use	Recreational Use	Agriculture Use
	F - fully supporting	I - insufficient information	F - fully supporting

**COGUUG16b\_A** Mainstem of Ohio Creek from a point immediately below 7 Road to the confluence with the Gunnison River.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	10.3
	Aquatic Life Use	Recreational Use	Agriculture Use
	I - insufficient information	I - insufficient information	F - fully supporting

**COGUUG17a\_A** West Antelope Creek, including all tributaries and wetlands, from the source to the confluence with Antelope Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	10.6
	Aquatic Life Use	Recreational Use	Agriculture Use
	F - fully supporting	I - insufficient information	F - fully supporting

**COGUUG17b\_A** Mainstem of Antelope Creek, including all tributaries and wetlands, from the source to the confluence with the Gunnison River, excluding the listings in Segment 17a.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	20.3
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	I - insufficient information	F - fully supporting

**COGUUG18a\_A** Mainstem of Tomichi Creek and its wetlands from the source to the confluence with Porphyry Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	10.8
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	I - insufficient information	X - not assessed	F - fully supporting

**COGUUG18b\_A** Mainstem of Tomichi Creek and its wetlands from the confluence with Porphyry Creek to the confluence with the Gunnison River.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	58.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting

**COGUUG19\_B** Mainstem of Razor Creek from source to confluence with Tomichi Creek

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	22.2
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting

**COGUUG19\_C** All tributaries and wetlands to Tomichi Creek within the boundaries of the Gunnison National Forest, mainstem of Barret, and Quartz Creeks from their sources to their confluences with Tomichi Creek, excluding Razor Creek. Hot Springs Creek from its source to confluence with Tomichi Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	296.4
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting

**COGUUG20\_A** Mainstem of Indian Creek, including all tributaries, from the source to the confluence with Marshall Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	4.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			NA - not applicable

**COGUUG21\_A** Mainstem of Marshall Creek, including all tributaries and wetlands, from the source to the confluence with Tomichi Creek, except for specific listings in Segment 20.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	37.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

**COGUUG22\_A** Mainstem of Gold Creek from Browns Gulch to the confluence with Quartz Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	6.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			F - fully supporting

**COGUUG23\_A** All tributaries and wetlands to mainstem Cochetopa Creek, from the sources to a point immediately below the confluence with West Pass Creek, excluding mainstem Cochetopa Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	209.3
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	I - insufficient information	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

**COGUUG23\_B** Mainstem of Cochetopa Creek from Nutras Creek to West Pass Creek

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	19.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	I - insufficient information	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

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**COGUUG24\_A** Mainstem of Cochetopa Creek from West Pass Creek to Forest Road 3076/Co. Rd 43

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	9.6
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

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**COGUUG24\_B** Mainstem of Cochetopa Creek, from Forest Road 3076/Co. Rd 43 to the confluence with Tomichi Creek.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	13.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

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**COGUUG25\_A** The segments of the Gunnison River which interconnect Blue Mesa Reservoir, Morrow Point Reservoir, and Crystal Reservoir.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	4.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

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**COGUUG26\_B** Blue Creek and its tributaries.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	62.5
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	I - insufficient information	I - insufficient information	F - fully supporting
			<b>Water Supply Use</b>
			N - not supported

---

**COGUUG26\_C** Mainstem of Crystal Creek from source to confluence with the Gunnison River

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	13.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			F - fully supporting

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**COGUUG26\_D** Willow Creek terminating at Blue Mesa Reservoir near (38.43676, -107.288995) and its tributaries.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	28.4
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
N - not supported	F - fully supporting	F - fully supporting	N - not supported

**COGUUG26\_E** All tributaries, including wetlands which are tributary to the Gunnison River from County Road 32 to the inlet of Blue Mesa Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect those reservoirs, except for (specific listings in Segments 1, 2, 29a, 29b, 30, 31, and 32) and the portions of Blue, Willow and Crystal Creeks.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	U - Undetermined	390.3
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	N - not supported	F - fully supporting	N - not supported

**COGUUG29a\_B** Deadman Creek/Gulch and its tributaries

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	0.9
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
N - not supported	F - fully supporting	F - fully supporting	N - not supported

**COGUUG29a\_C** Lake Fork of the Gunnison River between Cooper and Silver Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	0.7
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
I - insufficient information	F - fully supporting	F - fully supporting	N - not supported

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**COGUUG29a\_D** Lake Fork of the Gunnison above Cooper Creek

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	4.8
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	I - insufficient information	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			I - insufficient information

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**COGUUG29a\_F** Lake Fork of the Gunnison and its tributaries below Cottonwood Creek

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	61.3
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			F - fully supporting

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**COGUUG29a\_G** Cebolla Creek, including all tributaries and wetlands, from the source to the Hinsdale/Gunnison County line.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	69.8
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			F - fully supporting

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**COGUUG29a\_H** Tributaries to the Lake Fork of the Gunnison River above Cottonwood Creek.

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	23.3
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			F - fully supporting

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**COGUUG29a\_I** Lake Fork of the Gunnison between Silver Creek and Cottonwood Creek

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IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	3.3
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	I - insufficient information	F - fully supporting	F - fully supporting
			<b>Water Supply Use</b>
			I - insufficient information

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**COGUUG29b\_B** Powderhorn Creek and its tributaries from the Gunnison county line to Blue Mesa Reservoir.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
1a. - Attaining	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	29.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	F - fully supporting

**COGUUG29b\_C** Mainstem of the Lake Fork of the Gunnison, including all tributaries and wetlands, from a point immediately above the confluence with Eaton Creek, to Blue Mesa Reservoir. Cebolla Creek, including all tributaries and wetlands, from the Hinsdale/Gunnison County line, to Blue Mesa Reservoir, excluding the listings in Segment 29a and Powderhorn Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	147.8
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	N - not supported

**COGUUG30\_B** Mainstem of Henson Creek from the source to the confluence with the Lake Fork of the Gunnison.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	16.9
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	I - insufficient information

**COGUUG30\_C** All tributaries and wetlands of Henson Creek, from the source to the confluence with the Lake Fork of the Gunnison, except for the specific listing in Segments 31 and 32.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3b. - M&E list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	23.0
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	F - fully supporting	F - fully supporting	I - insufficient information

**COGUUG31\_A** Mainstem of Palmetto Gulch Creek including all tributaries.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C2 - Class 2 Cold Water Aquatic Life	E - Existing Use	3.7
	<b>Aquatic Life Use</b>	<b>Recreational Use</b>	<b>Agriculture Use</b>
	N - not supported	F - fully supporting	NA - not applicable

**COGUUG32\_A** North Fork of Henson Creek including all tributaries and wetlands, from its source to the confluence with Henson Creek, except for specific listings in Segment 1.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	6.6
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
F - fully supporting	F - fully supporting	F - fully supporting	N - not supported

**COGUUN01\_A** All tributaries to the Uncompahgre River, including all wetlands, which are within the Mt. Sneffels or Uncompahgre Wilderness Areas.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
3a. - No information to assess	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	39.9
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
X - not assessed	X - not assessed	X - not assessed	X - not assessed

**COGUUN02\_B** Mainstem of the Uncompahgre River from the source (Poughkeepsie Gulch) to a point immediately above the confluence with Silver Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	P - Potential Use	1.5
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
N - not supported	F - fully supporting	F - fully supporting	N - not supported

**COGUUN02\_C** Mainstem of the Uncompahgre River from a point immediately above the confluence with Silver Creek to a point immediately above the confluence with Red Mountain Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	P - Potential Use	4.0
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
N - not supported	F - fully supporting	F - fully supporting	I - insufficient information

**COGUUN03a\_A** Mainstem of the Uncompahgre River from a point immediately above the confluence with Red Mountain Creek to a point immediately above the confluence with Cascade Creek.

IR Category	Aquatic Life Tier	Recreational Tier	Miles
5. - 303(d) list	C1 - Class 1 Cold Water Aquatic Life	E - Existing Use	3.3
Aquatic Life Use	Recreational Use	Agriculture Use	Water Supply Use
N - not supported	F - fully supporting	N - not supported	N - not supported



## **MEMORANDUM**

Date: July 20, 2023

To: Stephanie Baker, Standards Unit Work Group Lead  
Blake Beyea, Standards Unit Manager

From: Anthony Kerr, ES Senior Review Engineer

cc: Emily Wong, ES Engineering Review Unit Manager

Re: ES Comments to Draft Alternatives Analysis  
Homestake Mining Company, Pitch Reclamation Project Potential DSV Materials  
Public Water System Identification Number: CO0022756, Saguache County  
ES Project No. ES.23.CASS.07718

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The Engineering Section (ES) of the Water Quality Control Division (Division) has received and reviewed the draft December 23, 2022 Water Management Alternatives Analysis documents associated with the Discharger Specific Variance (DSV) that Homestake Mining Company (Homestake) is seeking with regards to the Pitch Uranium Mine Site's (site) uranium standard for Indian Creek Segment COGUUG20 established in Regulation 35 - Classification and Numeric Standards for Gunnison and Lower Dolores River Basins.

The intent of this memorandum is to communicate comments that ES has identified to the Standards Unit following a review of the draft alternatives analysis documents with relation to Policy 13 - Guidance for Development, Adoption and Review of Discharger Specific Variances to the Standards Unit. The ES anticipates some of these comments may become the basis of a communication to Homestake.

### Regulatory Basis:

- Regulation 31.7(4)(a) indicates that variances to numeric standards are authorized only where a comprehensive alternatives analysis demonstrates that there are no feasible alternatives that would allow for the regulated activity to proceed without a discharge that exceeds water quality-based effluent limits. Regulation 31.7(4)(a)(ii) requires that other regulatory tools must be evaluated (e.g., compliance schedules, use attainability analyses, temporary modifications). In addition, for purposes of evaluating each alternative and determining whether (or not) attaining a WQS is feasible, there are three separate regulatory tests that may be used.
  - Regulation 31.7(4)(a)(i)(A) requires demonstration that attaining the water quality standard is not feasible because, as applied to the point source discharge, pollutant removal techniques are not available or it is technologically infeasible to meet the standard.
  - Regulation 31.7(4)(a)(i)(B) requires demonstration that attaining the water quality standard is not feasible because meeting the standard, as applied to the point source discharge, will cause substantial and widespread adverse social and economic impacts in the area where the discharge is located. Considerations include such factors as the cost and affordability of pollutant removal techniques.
  - Regulation 31.7(4)(a)(i)(C) refers to the "other consequences" test and requires demonstration that human caused conditions or sources of pollution preventing the attainment of the use and cannot be remedied or would cause more environmental damage to correct than to leave in place.
- Regulation 31.7(4)(b) requires that an applicant for a variance submit a comprehensive alternatives analysis regarding pollutant removal techniques. Variances approved by the Water Quality Control Commission (Commission) shall be incorporated into the relevant standards tables as "alternative effluent limits." The Commission shall select such limits based upon an evaluation of the alternatives analysis and consideration of the impact of the variance on the uses of the water body in the area of the variance and downstream of that area.

General Comments:

The purpose of the alternatives analysis is twofold: (1) to support a decision regarding whether the underlying water quality standards and related WQBELs are feasible to achieve, and if not, (2) identify appropriate Alternative Effluent Limits (AELs) based on the highest degree of protection of the classified use that is feasible, taking into consideration the factors in the Limits of Technology, Economics, and the Other Consequences tests.

Section 4.2 of the alternatives analysis indicates that it is Homestake's ultimate objective to bring the site to a stable and sustainable reclaimed state, with minimal on site presence. Utilizing that criteria, Homestake has determined the No Further Action (#1), Maintain Current System (#2), and Rock Dump/South Mine Area Regrading and Selective Lining (#5) alternatives to be the only feasible approaches based on the Limits of Technology and Other Consequences tests. These criteria are also utilized to eliminate potentially technologically feasible treatment alternatives. The Division has the following general comments regarding the Alternatives Analysis:

1. Please note that Homestake's approach and conclusions are not supportable by ES because they do not appear to use the three test approach, while eliminating potentially technologically feasible options that benefit load reduction to the creek segment. For example, active treatments, ion exchange, reverse osmosis with drying or evaporative beds/ponds, electro coagulation, adsorptive media; and passive treatments, chemical addition with sediment filtration, permeable reactive barrier, appear to provide some if not all the load reduction necessary to meet permit limits. The alternatives analysis should clearly state which tests are being relied upon for each alternative being evaluated, as well as clearly state whether the alternative is determined to be feasible. Please consider making changes to the alternatives analysis so that it is consistent with the guidance and instructions for preparation of alternatives analyses in WQCC Policy 13-1.
2. The Pitch mine site operates under the Colorado Division of Reclamation, Mining and Safety (CDRMS) 112d-3 Designated Mining Operation Reclamation Permit (permit number M-1977-004; the "Reclamation Permit"). As indicated in the alternatives analysis, Homestake believes that bringing permanent line power to the site is contrary to the objectives of ultimately closing the site pursuant to CDRMS regulations.
  - a. The alternatives analysis should include a discussion regarding the specific limitations the site faces from CDRMS regulations and identify which alternatives this makes infeasible.
  - b. The alternatives analysis should also provide consideration for piping water or liquid waste to an off-site location for further treatment.
3. Throughout the alternatives analysis potential water rights issues are a basis for eliminating alternatives. The alternatives analysis should provide discussions and documentation regarding the site water balance and restrictions, and identify which alternatives this makes infeasible.
4. The alternatives analysis indicates that it provides an overview of the uranium load reduction alternatives that were tested for the site, along with performance results and other information informing feasibility and uranium load reduction potential. The alternatives analysis is supposed to include an exhaustive evaluation of all possible approaches. ES recommends including all alternatives, not just limited to alternatives tested on site.
5. The Site Water and Uranium Balance, Figure 6, appears to be based on surface water diversions prior to 2021 drainage decommissioning when compared to the NPL Diversion, Indian Rock dump culvert, and Upstream TC Drainage culvert shown on Figure 4, Site Drainage Features. The alternatives analysis should include discussions regarding the ongoing process to maintain the site water balance and the effects of the balance on relocating surface water diversions.
6. As shown in Figure 6, the downstream load, at approximately 27% of the overall site uranium load, represents the second largest contribution to site loading based on average conditions. The alternatives analysis should discuss the process for further identifying the source and potential for loading reduction.

The following ES comments to the Water Management Alternatives Analysis have specific section references, but please note that addressing the comment will likely have an effect on other sections not specifically referenced.

Limits of Technology Test:

The limits of technology test is expected to evaluate technical alternatives in combination if needed to provide the highest obtainable discharge quality up to the effluent standard. Combinations can also be based on matching treatment to seasonal conditions.

1. Section 2.3.1 indicates that a radium treatment plant in operation from 1984 through 1986 was a possible reason for a measurable reduction of uranium in the outfall. The alternatives analysis should include a discussion regarding the type of treatment that was utilized, the operation, location and benefits to the load reduction.
2. Table 3-1, line 8 indicates that upgrading or optimizing the sediment pond to provide additional treatment would not be effective, since the total recoverable uranium at the outfall is primarily in the dissolved form. Figure 5 is provided as a comparison between dissolved and total uranium samples. Based on Figure 5 by itself, it is difficult to decipher analysis for total and dissolved results. The alternatives analysis should provide a discussion with tabulated data on the quantity of load that is from the particulate uranium and the benefit to the load reduction from removing sediment.
3. On Table 3-2, for technologies not retained, please provide a column summarizing which of the three tests are infeasible and how the test is used to determine feasibility (i.e. rock dump/underground workings cap/cover, groundwater diversion wells, deep well injection).
4. Section 3.1.1 indicates that due to its remote location, the site is not connected to any public utilities, including electric power. Although Homestake currently operates small, low-power systems on site using a combination of solar and propane/gasoline generators, and the site presents some opportunity for limited hydroelectric power, larger-scale water treatment systems require larger power demands that cannot be met. If standard power resources (line power or generator) are a limit to treatment feasibility, the alternatives analysis should provide a discussion regarding the wind, hydrological or solar generating capacity of the site.
5. Section 3.3 indicates that the Table 3-2 alternatives similar to but inferior to another alternative or alternatives that Homestake has chosen to retain as an option are eliminated. Please note these criteria should not be the basis to eliminate an option, specifically if combinations of options present the best overall approach. The alternatives analysis should identify what options have been eliminated based on this criteria, include those alternatives within this analysis, and identify whether any of these alternatives could be combined to reduce the pollutant load.
6. Section 3.3.5.3 indicates that injection of waste products would require Underground Injection Control approval by EPA, which the agency is unlikely to grant, given the possible risks noted. EPA manages the injection well program specifically for hazardous and non-hazardous wastes disposal. The alternatives analysis should include documentation from the EPA that declines the applicability to the Pitch reclamation site in order to eliminate injection wells for concentrated hazardous wastes. Please provide.
7. Section 3.3.2 indicates the potential to utilize an acrylamide grout in select areas to reduce the load.
  - a. The alternatives analysis should provide a discussion regarding locations and the potential benefit to load reduction through selective grout injection.
  - b. Acrylamide is a water pollutant, describe if and how acrylamide grout could affect water quality.
8. Section 4.4 discussed phosphate injection testing and indicated it as a potential use, although not practical as a total treatment alternative. Phosphate is described as feasible in saturated unconsolidated solids and low permeability areas surrounding groundwater flow paths. Please provide a discussion regarding the potential benefit to load reduction through selective phosphate injection.
9. Section 4.4.3 indicates that phosphate was detected in surface water following phosphate injection. Please provide discussion regarding this testing and potential limitations for treating areas suitable for phosphate injection, and the effect on the load reduction.
10. Section 4.6.1 indicates that, while the engineered treatment cells' (ETC's) organic carbon-based microbial reduction strategy can yield low concentrations of uranium, it also yields high concentrations of effluent byproducts, including residual dissolved organic carbon, which contributes to downstream

biochemical oxygen demand (BOD), and phosphate and ammonia, which can impact aquatic life and potentially cause compliance problems. The alternatives analysis should include water data and an analysis against standards as well, as a potential to be a part of treatment.

11. Section 4.6.2 indicates ETCs are impractical to implement because the treatment is only effective at relatively warm temperatures and generate treatment byproducts; however, the report also indicates that ETCs are effective to a limited extent. The alternatives analysis should include a discussion regarding areas and conditions where ETC would be suitable and the benefits to the load reduction.

#### Economic Test:

Homestake indicates that they have chosen to not apply the limits of the economic feasibility test to evaluate the feasibility of alternatives. Economics Test according to Regulation 31.7(4)(a)(i)(B) is a test to demonstrate that attaining the water quality standard is not feasible because meeting the standard, as applied to the point source discharge, will cause substantial and widespread adverse social and economic impacts in the area where the discharge is located. Considerations include such factors as the cost and affordability of pollutant removal techniques. By not including the economics test is an indication that economic factors are not a limitation for the feasibility of any alternative that is feasible according to the other two tests. ES recommends establishing limits of economic feasibility, or confirm economics are not a limiting factor.

#### Other Consequences Test:

The other consequences test is meant to establish human caused conditions or sources of pollution preventing the attainment of the use standard and cannot be remedied or would cause more environmental damage to correct than to leave in place. Homestake considered a number of site relevant factors that inform the other consequences test including the following:

- The potential for generation of treatment byproducts that themselves increase the possible risk that Homestake would exceed downstream water quality standards;
- The potential for generation, transport, disposal, and long-term management of concentrated radiological waste, which is considered a licensed radiological material under the site radioactive materials license (CDPHE RML 150-01), and that would increase the environmental, health and safety risk profile of an alternative (e.g., concentrated radiological waste could be a potentially greater health and environmental hazard than the dilute uranium currently in surface water) or result in long-term sustainability challenges;
- The potential for resource consumption and greenhouse gas (GHG) and other air emissions, which would increase as greater levels of effort and energy are required to implement and operate an alternative.

The intent of the other consequence test is meant to provide a comprehensive environmental benefit test to the alternatives analysis process. The generation of byproducts that would diminish water quality standards on the surface appears to be an appropriate use of other consequences in establishing the infeasibility of an approach. And evaluating waste management, risk profiles and energy consumption are important factors for establishing best approach within a pool of feasible alternatives. Those approaches do not produce a comparative analysis between the effects of a higher uranium discharge standard versus the negative effects of the approach to reduce uranium loading to the environment. ES suggests, as indicated in the May 30, 2023 meeting between Homestake, Homestake's partners, Environmental Protection Agency and the Division, that the other consequences test to this point has not been effectively utilized by any discharger as a justification for an alternatives analysis, and unless comparative analysis to the benefits of maintaining a higher discharge standard can be demonstrated, economic and technical feasibility will be the likely factors to be evaluated for and alternatives analysis.

#### Conclusion:

If you have any questions or concerns, please contact Anthony Kerr within the engineering section via email at antonyy.kerr@state.co.us or by telephone at 720-383-7291. Thank you for your time and consideration in this matter.

# **AGENDA ITEM 8**

**Scientific Endeavors**

# **AGENDA ITEM 9**

## **Miscellaneous Matters**



TO  
Daily Summary for Month --> Oct

		Taylor Park Reservoir				Silver Jack Reservoir				Aspinall Unit				GUNNISON TUNNEL ALLOCATION																						
		River Call		Average Flow		Reservoir		1st Fill	2nd Fill	Other	Aspinall	Reservoir		BP Acct	AU Acct	Reservoir Contents			Total Aspinall Unit Inflow			1st Fill	Contract	Streamflow and Divs		Type of Water Diverted into Tunnel							Tot 1st fill			
Day of Month		Silver Jack Reservoir & Juniors In Priority (1=Yes, 0=No)	TP Releases from TP 1st Fill (1=Yes, 0=No)	Excess Released TP Inflow and AU Nat Inflow (cfs)	Tunnel (GT) Shortage after AU Inflow and TP Nat Inflow (cfs)	3-Day Average Excess TP Inflow and AU Nat Inflow (cfs)	3-Day Ave. GT Shortage after AU Nat Inflow (cfs)	TP Res. Content (af)	USGS outflow (cfs)	TP Compute d Inflow (cfs)	1st Fill - Storage in TP (af)	2nd Fill - Storage - in TP (af)	Other Account Storage in TP - Storage e in TP (af)	AU Storag e in TP (af)	SJ Res Content (af)	Reservoir Storage (cfs)	BP - Storage - in SJ (af)	Water - Storage - in SJ (af)	BM Res Content (af)	MP Res Content (af)	CR Res Content (af)	AU Change In Storage (af)	AU inflow computed rel from CR (cfs)	AU inflow & with below TP AU Aug Rel (cfs)	#REF!	UGRWC D Contract water (af)	Gun. River below East Portal (cfs)	Total Gunnison Tunnel Divs (cfs)	GT Divs - AU inflow minus TP released inflow (cfs)	GT Divs - TP Released Inflow (cfs)	GT Divs - SJ Inflow by AU Exch (cfs)	UGRWC D Contract Water Rel (cfs)	GT Divs - Rel from 2nd Fill for Rec/Fish (cfs)	GT Divs - 1st Fill Credit in BM (cfs)	#REF!	Remain. 1st Fill Credits in TP and AU (af)
(1)	(2)	(3)	(5)	(6)	(7)	(8)	(11)	(14)	(15)	(19)	(25)	(30)	(34)	(36)	(39)	(43)	(47)	(49)	(77)	(100)	(124)	(125)	(127)	#REF!	#REF!	(128)	(131)	(132)	(133)	(134)	(135)	(136)	(137)	#REF!	(140)	
1	1	1					76,755	108	90					1,005	0	1,005	0	108,979	16,609		1,769				713	1,056			0	0						
2	1	1					76,789	99	124					1,006	1	1,006	0	109,352	16,198		1,584				675	909			0	0						
3	1	1					76,839	100	133					1,013	4	1,013	0	109,150	16,330		1,442				708	734			0	0						
4	1	1					76,839	100	107					1,011	0	1,011	0	108,723	16,624		1,218				509	709			0	0						
5	1	1					76,822	100	99					1,005	0	1,005	0	108,429	16,490		1,090				385	705			0	0						
6	1	1					76,805	100	99					995	0	995	0	620,902	108,096	16,409	1,095				385	710			0	0						
7	1	1					76,789	100	99					984	0	984	0	107,719	16,377		1,097				382	715			0	0						
8	1	1					76,772	100	99					972	0	972	0	107,243	16,429		1,098				382	716			0	0						
9	1	1					76,738	100	90					959	0	959	0	106,959	16,307		1,101				384	717			0	0						
10	1	1						0													0				0	0				0						
11	1	1						0																	0											
12	1	1						0																	0											
13	1	1						0																	0											
14	1	1						0																	0											
15	1	1						0																	0											
16	1	1						0																	0											
17	1	1						0																	0											
18	1	1						0																	0											
19	1	1						0																	0											
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24	1	1						0																	0											
25	1	1						0																	0											
26	1	1						0																	0											
27	1	1						0																	0											
28	1	1						0																	0											
29	1	1						0																	0											
30	1	1						0																	0											
31	1	1						0																	0											
Total	31	31	0	0	0	0	905	941						5							0	11,493	0			4,523	6,970	0	0	0	0	0	0	0		
Tot (af)			0	0	0	0	1,795	1,867						9							0	22,795	0			8,971	13,824	0	0	0	0	0	0	0		
Min	1	1	0	0	0	0	76,738	0	90	0	0	0	0	959	0	959	0	620,902	106,959	16,198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Max	1	1	0	0	0	0	76,839	108	133	0	0	0	0	1,013	4	1,013	0	620,902	109,352	16,624	0	1,769	0	0	0	713	1,056	0	0	0	0	0	0	0	0	

Annual Summary (all values in ac-ft) Note: Reservoir content is the end of the month content

	(days)	(days)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	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# **AGENDA ITEM 10**

**Notice of November 27, 2023 Holiday Party**

# **AGENDA ITEM 10**

**Citizen Comments**

# **AGENDA ITEM 11**

**Future Meetings**

## FUTURE MEETINGS/EVENTS

- ▶ Veterans Day Holiday - Offices Closed - November 10, 2023
- ▶ Thanksgiving Holiday - Offices Closed - November 23 and 24, 2023
- ▶ UGRWCD Board Meeting - November 27, 2023 at 5:30 p.m.
- ▶ UGRWCD Board and Staff Holiday Party - November 27, 2023 at 7:15 p.m.
- ▶ UGRWCD Board Meeting (Budget) - December 11, 2023 at 5:30 p.m.
- ▶ WMP Committee Meeting - December 13, 2023 at 1:30 p.m.
- ▶ CRWUA Conference in Las Vegas, NV - December 12-15, 2023
- ▶ Christmas Holiday - Offices Closed - December 25 and 25, 2023
- ▶ Colorado Water Congress Conference - January 31-February 2, 2024

# **AGENDA ITEM 12**

## **Summary of Action Items**

# **AGENDA ITEM 13**

**Adjournment**