



Upper Gunnison River Water Conservancy District

210 West Spencer Avenue, Suite B • Gunnison, Colorado 81230
(970) 641-6065 • www.ugrwcd.org

BOARD OF DIRECTORS **AGENDA - REGULAR MEETING**

Monday, April 26, 2021

MISSION STATEMENT

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

- 5:30 p.m. 1. Call to Order**
- 5:32 p.m. 2. Agenda Approval**
- 5:35 p.m. 3. Consent Agenda Items:** Any of the following items may be removed for discussion from the consent agenda at the request of any Board member or citizen.
- Approval of March 22, 2021 Minutes
 - Consideration of Operating Expenses
 - Consideration of Non-Operating Expenses
- 5:40 p.m. 4. Legal and Legislative Matters**
- 5:50 p.m. 5. WMP Recreational Assessment & Forest & Watershed Health Update, Dan Omasta, CO Trout Unlimited (UGRWCD WMP Coordinator)**
- 6:20 p.m. 6. Break**
- 6:30 p.m. 7. General Manager and Committee Reports**
- Treasurer's Report
 - General Manager's Report
 - Executive Committee
 - Watershed Management Planning Committee
 - Grant Committee – Board Action Requested
 - Education & Outreach Update
 - Taylor Local User's Group Update -April 8 Meeting
 - Basin Water Supply Information April 2021

- Taylor Park Reservoir Operations
- Aspinall Unit Operations
- Colorado Monthly Snowpack Summary
- Cloudseeding
- Scientific Endeavors
- Long Lake Stakeholders Work Group Update
- Gunnison River Festival Update

7:50 p.m. 8. Upper Gunnison District Demand Management Statement of Understanding: Draft Review

8:00 p.m. 9. Miscellaneous Matters

- Gunnison Energy Production - Solar Panels
- Current Gunnison River Spreadsheet
- Newspapers and Other Water Articles

8:05 p.m. 10. Citizens Comments

8:10 p.m. 11. Future Meetings

8:15 p.m. 12. Summary of Meeting Action Items

8:20 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 Board Meeting Minutes
Monday, March 22, 2021**

The Board of Directors of the Upper Gunnison River Water Conservancy District conducted a regularly scheduled meeting on Monday, March 22, 2021 via Zoom video/teleconferencing at 5:30 p.m.

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

Also present:

Isabella Biodini, Gunnison Country Times
Sonja Chavez, General Manager
Will Dujardin, Mayor Pro-tem, Crested Butte Town Council
Shea Early, Town of Crested Butte
Emily Halverson, Colorado Department of Law
Jesse Kruthaupt, Trout Unlimited
John McClow, General Counsel
Beverly Richards, Water Resource Specialist
Jill Steele, Accountant/Office Manager
Sue Uerling, Administrative Assistant

1. CALL TO ORDER

Board President Michelle Pierce called the meeting to order at 5:30 p.m.

2. AGENDA APPROVAL

Treasurer Bill Nesbitt moved and Director Rebie Hazard seconded approval of the agenda as circulated. The motion carried.

3. CONSENT AGENDA ITEMS

Vice President Stacy McPhail moved and Treasurer Bill Nesbitt seconded approval of the consent agenda items. The motion carried.

President Michelle Pierce informed the Board that they needed to have a brief discussion about returning to in-person meetings. Michelle apologized that the email circulated regarding Board Member Covid vaccine status was seen as wanting Board members' personal medical information as this was not the intent. Michelle said she would like to tentatively plan on an April in-person meeting but sought input from Board members. Director Bill Nesbitt offered that the meeting could also be offered via Zoom if anyone was uncomfortable with meeting in-person or unavailable to be present in person. Michelle noted that the Board had modified the meeting policy to attend and vote remotely if needed in response to the Covid pandemic. There was discussion about whether or not Board members should be required to wear masks at in-person meetings. Directors Joellen Fonken and Rosemary Carroll both felt that compliance with County mask requirements should be followed until informed otherwise. General Manager Sonja Chavez recommended that we avoid a group meal which requires mask removal, until we can comfortably sit outside. For the time being, public will only be allowed to participate in Board meetings via Zoom as our conference room space cannot accommodate visitors while still meeting social distance requirements. Director Carroll reported that Walmart is now offering the vaccine and getting people in quickly and suggested Board members call to get on their list if they're anxious to get the vaccine.

4. LEGAL AND LEGISLATIVE MATTERS

General Counsel John McCloy gave a progress report on the pending agreement regarding development of the hydroelectric generation facility proposed by Gunnison County Electric Association (GCEA) at the Taylor Park Dam. John said the GCEA is comfortable with the agreement with one minor change suggested by their legal counsel, but now the Bureau of Reclamation is trying to determine if they should also be a party to the agreement.

John reported that he and Sonja are still working on a statement of understanding for Demand Management and that they will have something for the Board to review at the April meeting.

John also said there have been no water bills of significance proposed by the legislature and very few water bills overall that would be of interest to the District.

5. PRESENTATION BY IAN BILLICK, DIRECTOR OF ROCKY MOUNTAIN BIOLOGICAL LABORATORY (RMBL)

Ian Billick gave a general overview of RMBL's history and operations. General Manager Sonja Chavez reminded the Board that the District provides RMBL with \$5,000 every year for operations support. Ian said that RMBL was founded in 1928 by Dr. John Johnson and since then, the research done in the Gunnison basin has become a model for the rest of the world. RMBL provides access, collaboration and synthesis, and logistical support for researchers. New scientists want to come in and build on the research that has been done already and the number of researchers utilizing RMBL has grown substantially over the years. RMBL focuses on three intersecting bubbles of research: (1) ecology and evolutionary biology; (2) hydrology and biogeochemistry; and (3) atmospherics. The RMBL model is providing scientists the access and support they need which, in turn, brings a lot of resources to the Gunnison basin and is paying off in science data for this area. Ian said that now there is a dramatic confluence of tools in science which is really changing the field. Ian reported that RMBL is investing \$10 million to construct and operate an education facility at Vail (formerly CBMR) resort which will allow them to offer year-round research and education outreach opportunities.

6. BREAK

7. GENERAL MANAGER AND COMMITTEE REPORTS

A. Treasurer's Report

Treasurer Bill Nesbit reported that we are working with a new company but with the same bond dealers. They are providing us with a different spreadsheet than the previous version. Return on investments is low compared to previous years and he reiterated that we are in the market for the long-term.

B. General Manager's Report

Michelle referred to the Updated Policy on Board Committees provided in the packet and asked if there were any questions. None were raised.

Treasurer Bill Nesbitt moved and Director Andy Spann seconded the adoption of the Updated Policy on Board Committees as submitted in the Board Packet. The motion carried.

C. Watershed Management Planning Committee Update

General Manager Sonja Chavez reported that the District has now submitted the application for the Colorado River District Partnership Project Funding Program for the Single Point of Diversion Project. Sonja said the application was well received by the Gunnison County BOCC and she secured their letter of support for the application. Sonja said the River District is estimating the response time may take four to six weeks. Sonja reported that it does look like the District will be required to secure a flood plain permit for the project. If funded, Sonja estimates the District could start the project in August 2021.

General Manager Chavez also reported that she submitted a contract request to Legal Counsel John McCloy for Applegate Group agricultural engineering support and reminded the Board that she had obtained their approval of this budget line item last fall for up to \$150,000.

D. Taylor Local User's Group (TLUG) Update

Director Don Sabrowski thanked Sonja for her efforts in securing USGS funding for the installation and first year of monitoring of the new Texas and Willow Creek gages. There was discussion about whether or not the District should include a line item for the \$22,000 annual monitoring cost in future years should Congress decide not to fund the USGS Next Generation Water Observing System (NGWOS). Director Sabrowski said the data collected from these gages informs reliable model development and that he would hate to see this critical data collection effort jeopardized. General Manager Sonja Chavez said to Congress that it would be a good idea to add a line item in the District's future budget cycles to cover the monitoring just in case Congress does not fund NGWOS in future years.

Director Sabrowski said that Kestrel Kunz of American Whitewater gave a presentation to TLUG about the new boatable days web tool she has developed. Don said that this web tool informs boaters about most favorable flows, he suggested to Kestrel that the tool also include information to discourage boating when water flow is not sufficient to float

and when trespass issues could occur. Sonja offered that the District may be able to post an informational map on our website with boundaries of private lands. Sonja also reported that the District will be submitting an ad and an article for the Gunnison Country Times' summer magazine, which is heavily used by tourists, to encourage visitors to conserve water and review proper etiquette on the river, especially as it relates to drought conditions. Director Julie Nania and Director Joellen Fonken offered that both the Slate River Working Group and STOR had both developed information about boating etiquette and private property restrictions that may be helpful to the District's educational efforts. Sonja will follow-up on these resources.

E. Basin Water Supply Update

Water Resource Specialist Beverly Richards gave a brief overview of current water conditions and said though there have been some marginal improvements, a good portion of Gunnison County is still in severe and extreme drought conditions. Bev said much of the western US is getting worse and that exceptional drought conditions are even expanding into Oregon. The forecast for the next three months is for drier and warmer than normal conditions. Stream flow is predicted to be at 57-65 percent of normal with Blue Mesa Reservoir estimated to fill to only about 67 percent.

General Manager Chavez said the District may need to purchase additional water from the Aspinall unit in case of future calls and that she will be starting initial conversations with Ryan Christianson of Reclamation and readying paperwork in order to be prepared. She and Bev will look into the cost of the water units for the next Board meeting.

F. Upper Gunnison Water Monitoring Program Update

President Pierce referred to the memo in the Board packet and there were no questions about the memo.

G. Grant Committee Update

President Pierce referenced the grant meeting summary and the recommendations from the committee. Director Nesbitt commented that he really liked the idea of providing some funding for engineering consulting on some of the projects. General Manager Chavez said that there were a few projects that involved some significant stream flow alterations and riparian

work that require the expertise of an engineer and she was glad that Craig Ullman is available to provide this service. Sonja explained that by moving funding out of the District Grant budget line item and into the District's General Engineering Support line item, the grant applicants will not be required to match the engineering expenses.

Director Joellen Fonken moved approving the transfer of \$30,000 from available grant funds to the Non-Operating Budget, General Consulting Line Item 37 for engineering in support of 2021 grant projects. The motion carried.

Director Julie Nania moved approving the Grant Committee's recommendations in awarding \$177,721 in District Grant funds for 2021 projects, with some awards contingent upon the receipt of additional requested information. The motion carried.

Director Nesbitt asked about the two applications that were not awarded any funding and Sonja reported that one of those projects was for annual operations and maintenance, which is not allowed under the grant policies, and the second was for a private individual to purchase an electric ATV for LSC ice grooming with incomplete application information including, among other things, letters of financial support from Lake City or Hinsdale County.

H. Education and Outreach Update

Water Resource Specialist Beverly Richards reported the District is working on redesigning the website to make it more streamlined and user friendly. The staff has developed the overall framework and is working with Rob Strickland of Midnight Marketing Solutions to get the framework up and running and provide training for the staff so that regular ongoing updates can be handled in-house. A conference call is scheduled with Rob for tomorrow to review the requested updates and move forward from there.

Administrative Assistant Sue Uerling reported that from the blind voting, the drought slogan "Water, it doesn't grow on trees," submitted by Judy Bratcher of Lake City, was the winner selected from over a dozen entries. Three separate logos have been developed using this slogan, along with a second one submitted by Director Fonken. These logos will be used on yard signs, water bottles, stickers, and canvas bags, as well as in radio, print and social media advertising. Sue reported that the District will need volunteers

to help distribute the promotional products and she's hoping to enlist the Boy Scouts and other civic groups to help with the process. Sue will report further on these efforts at the next Board meeting. Sonja also recorded three radio spots with messages about the drought that will rotate on three area radio stations. The District will also be updating its underwriting messages with KBUT-FM to make them more focused on drought.

In addition, the District selected Teresa Golden as the winner of the "World Water Day Photo Contest" and her images will be used on the District's website and advertising. A press release announcing both contest winners was sent to area newspapers last week.

I. Gunnison Basin Roundtable Update

Director Julie Nania reported that the meeting last week included a number of housekeeping items. Julie said the CWCB has created an online portal at: <https://engagecwcb.org/> to solicit input from the general public. In addition, Julie said the meeting focused on education, including getting school groups back to the Eureka Science Center and getting students involved in a youth water summit. Director Nania thanked Sonja for the District's support of \$200 to send two students from Hotchkiss to the summit. Julie said there will be a webinar on April 4th that is open to the public to discuss Forest and Watershed Health. Julie said the Yampa and White Districts put out a policy position paper on Demand Management, which she thought was well written and well thought out and would be a good resource for the District in developing its statement. Julie reported that partial funding was approved for two diversion and efficiency projects.

J. Scientific Endeavors

Director Rosemary Carroll reported that planning is underway for an annual retreat likely to be held in Mt. Crested Butte. It will primarily be limited to scientists, but she is hoping to be able to invite Sonja. Rosemary says she is excited for RMBL's plans to have SAIL (Surface Atmosphere Integrated Laboratory) coming to Mt. CB and will begin moving some of her own modeling experiments over to SAIL next Fall. Rosemary said they are always tracking snowpack, streamflow, etc. in the upper basin and that it is still looking pretty bad right now.

K. Long Lake Stakeholders Work Group Update

Director Carroll said the group met for the second time and identified official existing trails and recommended closure of other trails. She said they discussed ways to deal with trespassing and looked into parking improvements and trash management, as well as the metrics of sustainability for Long Lake. She said there will be an onsite meeting in May with stakeholders to review short-term goals onsite. Director Carroll would like to meet with John and Sonja to discuss the District's goals for Long Lake, also known as Meridian Lake Reservoir.

L. Gunnison River Festival Update

Director Joellen Fonken said moving the festival to early June was probably a good move since it seems like low water will be an issue this summer. She is excited about some speakers who have been secured for educational presentations, including Paul Jones of Wet Meadows and Duane Vandenbusche. New this year will be a 5K fun run at the Van Tuyl Trail. The white water race will take place on the Taylor River and Kestrel Kunz will give a presentation following the race about the American Whitewater boating web tool. Joellen reached out to the folks at Lake San Cristobal but they have decided to wait until 2022 to be involved once the LSC island property transfer and improvements are complete. Joellen is also working with Jesse Kruthaupt of Trout Unlimited to plan a fishing derby in August as part of the festival.

8. DEMAND MANGEMENT FRAMEWORK UPDATE

As reported earlier, General Counsel John McClow and General Manager Sonja Chavez will continue to work on a draft to be presented at the April Board meeting.

9. MISCELLANEOUS MATTERS

President Pierce referenced the news release and articles included in the packet.

General Manager Sonja Chavez announced that the State of Colorado will now be able to pull boats over to inspect their hulls for invasive aquatic species.

Sonja also said that Accountant Jill Steele is working with area banks to prepare new signature cards (adding John Perusek and removing George Sibley) for all District accounts. Once the banks are ready with their required paperwork, check signors will be notified with instructions on signing the new signature cards, which will probably require a visit to the banks.

Sonja referenced the press release about her appointment to the DCNR Water Equity Task Force and said this is a short term appointment and that the group will probably meet five or six times over the next several months and focus on public outreach and education. Sonja does not believe it will require a big time commitment.

Director Nesbitt expressed concern that Shea Early from the CB water treatment plant had to write a letter to area newspaper editors stating that CB drinking water is safe as a result of the scientific data presented at the last Board meeting.

The Board celebrated the closing on the sale of 60 base augmentation units. This will result in income of \$210,000 for the Upper Gunnison River Water Activity Enterprise and leave a total 343 units remaining.

10. CITIZEN COMMENTS

No comments were brought forth.

11. FUTURE MEETINGS

See schedule in Board Packet.

12. SUMMARY OF ACTION ITEMS

John and Sonja will continue to work on the draft of the Demand Management statement of understanding.

Sonja and Director Nania will follow-up the WaterSmart group about getting the District's drought marketing materials to area restaurants and motels.

Sonja will look into the possibility of having banners on Highways 149, 114 and 50 with a message about conserving water during the drought.

Sonja will follow up with Julia and Joellen to review work that has already been done on identification of private properties on the rivers and river etiquette messaging.

Sonja will reach out to Steve Anderson again at UVWUA to discuss conditions for the irrigating season.

13. ADJOURNMENT

Board President Michelle Pierce adjourned the March 22, 2020 meeting at 7:36 p.m.

Respectfully Submitted,

John Perusek, Secretary

APPROVED:

Michelle Pierce, President

Upper Gunnison River Water Conservancy District

Budget Summary 2021

	March	Year to Date	2021 Budget	% Received or Expended	\$ Remaining in Budget
Revenues					
General property	\$ 416,639	\$ 458,289	\$ 1,347,248	34.02%	\$ 888,959
Specific Ownership	8,638	24,059	65,000	37.01%	40,941
Pen. & Interest on Taxes	2	9	3,300	0.27%	3,291
Interest on Investments	958	1,133	52,500	2.16%	51,367
Water Quality Monitoring	-	-	-	-	-
Lake San Cristobal Water Activity Enterprise	-	-	12,268	0.00%	12,268
Gunnison County	-	-	12,815	0.00%	12,815
National Park Service	-	-	7,839	0.00%	7,839
Skyland Metro District	-	-	1,393	0.00%	1,393
Total Water Quality Monitoring	-	-	34,315	0.00%	34,315
Aspinall Water Sales	-	-	19,885	0.00%	19,885
Aspinall Augmentation Late Fee	40	40	-	-	(40)
Aspinall Unit Admin Fee	2,190	3,200	-	-	(3,200)
Aspinall Water Sales - Other	14,913	18,631	-	-	(18,631)
Total Aspinall Water Sales	17,143	21,871	19,885	109.99%	(1,986)
Cloud Seeding Program - Passthrough	-	23,750	93,750	25.33%	70,000
Wet Meadows Project - Passthrough	-	-	388,000	0.00%	388,000
Watershed Management Planning - Passthrough	-	29,104	174,000	16.73%	144,896
Miscellaneous	32	2,681	1,000	268.10%	(1,681)
Unspent Funds from Previous Year	-	-	32,325	0.00%	32,325
TOTAL REVENUES	\$ 443,412	\$ 560,895	\$ 2,211,323	25.36%	\$ 1,650,428
Expenditures					
GRF Expenses to Reimburse	-	5,000.00	-	-	-
Operating	-	-	-	-	-
Administrative Salaries	\$ 26,303	\$ 78,909	\$ 315,635	25.00%	\$ 236,726
Staff Salaries	12,378	36,655	154,061	23.79%	117,406
Payroll Taxes	3,087	9,199	36,495	25.21%	27,296
Employee Benefits	-	-	-	-	-
Medical Insurance	3,104	11,277	34,425	32.76%	23,148
Colorado Retirement Association	2,523	7,569	31,002	24.41%	23,433
Workers Comp. Ins.	(52)	488	5,000	9.76%	4,512
Gen. Counsel CLE & Memberships	-	309	3,000	10.29%	2,691
Gen. Manager CE & Memberships	-	-	2,000	0.00%	2,000
Staff Development and Training	-	-	4,000	0.00%	4,000
Employee Benefits - Other	-	-	-	-	0
Total Employee Benefits	5,575	19,643	79,427	24.73%	59,784
Public Outreach	-	-	-	-	-
Website Updates	-	-	1,000	0.00%	1,000
Public Education/Advertising	385	770	12,000	6.42%	11,230
Gunnison River Festival Support	-	7,500	7,500	100.00%	0
Mini-Grants	-	189	2,000	9.45%	1,811
Youth Conservation Corps Support	-	-	6,500	0.00%	6,500
Social Media	-	4	5,000	0.09%	4,996
Total Public Outreach	385	8,463	34,000	24.89%	25,537
Audit and Accounting	-	-	7,500	0.00%	7,500
Utilities and Assoc. Dues	-	-	-	-	-
Condo Association Dues	550	1,650	6,600	25.00%	4,950
Utilities	653	1,790	2,196	81.49%	406
Office Cleaning	-	-	4,600	0.00%	4,600
Utilities and Assoc. Dues - Other	-	-	-	-	-
Total Utilities and Assoc. Dues	1,203	3,440	13,396	25.68%	9,956
Bonding and Insurance	-	-	-	-	-
Board of Directors' Bond	-	-	110	0.00%	110
Gen. Liab/Pub. Off/ Exc. Liab.	-	-	8,168	0.00%	8,168
AD&D	-	-	1,595	0.00%	1,595
Bonding for Persons with Access to Funds	-	401	401	100.00%	0
Bonding and Insurance - Other	-	-	-	-	-
Total Bonding and Insurance	-	401	10,274	3.90%	9,873
Office Telephone	2,000	2,272	7,110	31.95%	4,838
Office Equipment	-	-	-	-	-
Furniture	-	-	1,000	0.00%	1,000
Computer Purchase	-	-	4,000	0.00%	4,000
IT Support/Computer Repair	550	1,129	5,800	19.47%	4,671
Other Equipment	-	80	5,000	1.60%	4,920
Board Room A/V Upgrade	-	15,638	20,000	78.19%	4,362
Copier Expenses	243	1,083	4,380	24.73%	3,297
Office Equipment - Other	-	-	-	-	-
Total Office Equipment	793	17,930	40,180	44.62%	22,250

Upper Gunnison River Water Conservancy District

Budget Summary 2021

	March	Year to Date	2021 Budget	% Received or Expended	\$ Remaining in Budget
Legal Publication	194	874	6,000	14.57%	5,126
Admin.Travel & Exp.	73	73	22,000	0.33%	21,927
Office Expenses	313	313			
Spencer Ave. Reimbursable	-	-	-		
Office Supplies	-	2,095	3,100	67.58%	1,005
Consumable Supplies	-	11	1,200	0.92%	1,189
Publications & Subscriptions	-	12	1,500	0.80%	1,488
Computer, Internet, LexisNexis	565	2,978	6,250	47.66%	3,272
Software	100	923	4,800	19.23%	3,877
Office Expenses - Other	-	118			
Total Office Expenses	978	6,450	16,850	38.28%	10,400
Postage	-	22	1,500	1.48%	1,478
BOD Expenses					
Travel Reimbursement	-	-	10,000	0.00%	10,000
BOD Discretionary Fund	-	-	2,000	0.00%	2,000
BOD Expenses - Other	-	-			
Total BOD Expenses	-	-	12,000	0.00%	12,000
Meeting Expenses		116	3,500	3.32%	3,384
WAE - Meeting Expenses		-			
Meeting Expenses - Other		-			
Total Meeting Expenses	-	116	3,500	3.32%	3,384
County Treasurers' Fees	13,046	14,718	42,466	34.66%	27,748
Board of Directors' Fees	-	1,800	13,520	13.31%	11,720
LSCWAE BOD Meeting Fees	-	-			
Board of Directors' Fees - Other	-	-			
Total Board of Directors' Fees	-	1,800	13,520	13.31%	11,720
BOD Mileage	-	-	2,200	0.00%	2,200
Org. Memberships & Dues	-	-			
Colorado Water Congress Dues	-	2,251	2,060	109.27%	(191)
Colorado Water Congress State Affairs	-	500	400	125.00%	(100)
Colorado Water Congress Federal Affairs	-	-	200	0.00%	200
NWCCOG-QQ Dues	-	530	530	100.00%	0
Water Education Colorado	-	-	500	0.00%	500
Special District Assoc. of Colo	-	-	1,650	0.00%	1,650
Employers Council	-	-	925	0.00%	925
Weather Modification Association	-	500	300	166.67%	(200)
Org. Memberships & Dues - Other	-	500	-		(500)
Total Org. Memberships & Dues	-	4,281	6,565	65.21%	2,284
Manager's Discretionary	-	178	3,000	5.94%	2,822
TOTAL OPERATING EXPENSES	\$ 66,015	\$ 205,425	\$ 357,983	57.38%	\$ 152,558
Non-operating					
General Consulting - General Engineering Support	\$ -		\$ 15,000	0.00%	\$ 15,000
Recreational In-Channel Diversion - Webcam Maintenance	-		1,000	0.00%	1,000
Taylor Park Projects - UVUWA	-	-	6,377	0.00%	6,377
LSC Admin Fee on Base Units	-	-	13,464	0.00%	13,464
Basin Augmentation Program - Subordination Report	-	-	9,000	0.00%	9,000
Building Expenses - Repair & Maintenance	-	1,270	1,000	127.04%	(270)
Aspinall Water Costs	562	562	17,326	3.24%	16,764
Regional Water Supply Prog.					
Grant Program	-	21,080	200,000	10.54%	178,920
Enhancing Resiliency Riparian (Wet Meadows)	5,289	10,622	418,000	2.54%	407,378
NRCS	-	-			-
CPW Wetlands Grant	-	-			-
BLM Coop. Agree. L17AC00255	-	-			-
USFS PA-2 17-PA-11020407-00	-	-			-
NFWF Phase II	-	9,466			(9,466)
Enhancing Resiliency Riparian - Other	333	667			(667)
Total Enhancing Resiliency Riparian	5,622	20,755	418,000	4.97%	397,245
Cloudseeding			118,000	0.00%	118,000
Irwin Remote Generator	1,690	10,569			(10,569)
Cloud Seeding	13,790	68,540			(68,540)
Cloudseeding - Other	-	-			-
Total Cloudseeding	15,480	79,109	118,000	67.04%	38,891
Taylor River Watershed Modeling		-	40,000	0.00%	40,000
Selenium Long-Term Trend Monitoring		-	10,000	0.00%	10,000
Regional Water Supply Prog. - Other		-			-
Total Regional Water Supply Prog.	21,102	120,944	786,000	15.39%	665,056

Upper Gunnison River Water Conservancy District

Budget Summary 2021

	March	Year to Date	2021 Budget	% Received or Expended	\$ Remaining in Budget
<i>Basinwide Planning</i>					-
Watershed Management Planning					-
Watershed M P In-Kind	-	-			-
WMP Phase 2 Task 6	-	-			-
WMP Phase 2 Task 3	-	-			-
WMP Phase 2 Task 1	-	-			-
CWCB PO 2019-2891	24,793	29,755			(29,755)
WMP Phase 1 Task 4	-	-			-
Watershed Management Planning - Other	-	5,591			(5,591)
Total Watershed Management Planning	24,793	35,346	175,000	20.20%	139,654
Watershed Mgmt Pln Implementati	-	-	50,000	0.00%	50,000
RMBL Weather Monitoring Network	-	-	5,000	0.00%	5,000
Basinwide Planning - Other	-	9,000			(9,000)
Total Basinwide Planning	24,793	44,346	230,000	19.28%	185,654
<i>Water Quality Monitoring</i>					-
Streamflow Gaging	-	28,211	51,416	54.87%	23,205
Water Quality Monitoring	-	10,434	58,000	17.99%	47,566
Agency Pass Through Funds	-	-	34,315	0.00%	34,315
Watershed Stakeholder Support	-	-	20,000	0.00%	20,000
City of Gunnison Hazardous Waste Collection	-	-	2,000	0.00%	2,000
Total Water Quality Monitoring	-	48,645	165,731	29.35%	117,086
Endangered Fish Recov Prog	-	-	3,000	0.00%	3,000
Spencer Avenue Reserve Contrib.	-	-	-		-
TOTAL NON-OPERATING EXPENSES	\$ 46,457	\$ 215,768	\$ 1,247,898	17.29%	\$ 1,032,130
Contingency			\$ 24,000	0.00%	\$ 24,000
TOTAL EXPENDITURES	\$ 112,472	\$ 421,193	\$ 1,629,881	25.84%	\$ 1,208,689
REVENUES OVER/(UNDER) EXPENDITURES	\$ 330,940	\$ 139,703	\$ 581,442	24.03%	

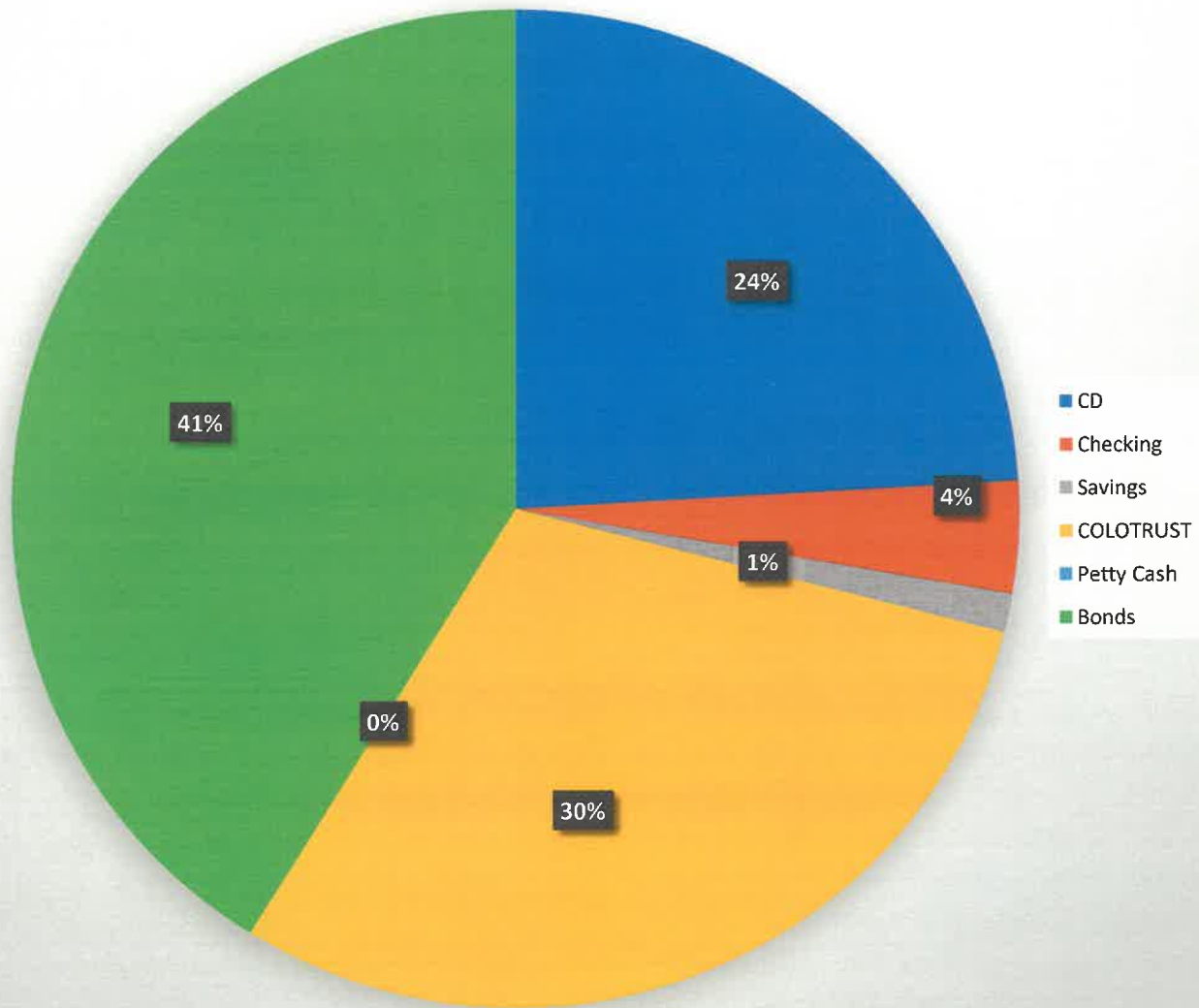
UGRWCD & UGRWAE BANK BALANCES, INTEREST RATES, MATURITY DATES

UGRWCD	Balance	Interest	Maturity	Date	Total UGRWCD and UGRWAE
General Ledger # and Account Name	3/31/2021	Rate	Date	Callable	Deposits by Bank
					COLOTRUST \$ 1,443,379.97
					Bank of the West 282,017.81
1420 Community Banks of Colo. CD	51,564.17	0.40%	9/26/2022		Community Banks of Colo. 243,299.88
1400 Gunnison Savings & Loan CD	108,406.45	1.75%	8/10/2022		Gunnison Savings & Loan 257,787.45
1390 Comm. Banks of Colo. CD Lake City	101,735.71	0.15%	2/20/2022		Gunnison Bank & Trust 240,036.03
1510 Wells Fargo CD through Sigma	150,132.00	1.90%	2/28/2025		Wells Fargo 150,132.00
1410 Bank of the West CD	105,038.19	0.35%	12/22/2022		Sigma Financial 2,009,431.21
1470 Mountain View Bank CD	105,468.31	1.51%	9/19/2021		Guaranty Bank 101,312.00
1520 Gunnison Bank & Trust CD	200,000.00	1.90%	2/26/2025		Petty Cash 100.00
Sigma Bond 13 (US Treas. Note) CUSIP 912828SF8	399,980.00	2.00%	2/15/2022	2/15/2022	JP Morgan Chase -
1460 Guaranty Bank CD through Sigma	101,312.00	2.80%	3/1/2021		Mountain View Bank 105,468.31
					TOTAL ALL BANKS \$ 4,832,964.66
1490 GS&L CD	149,381.00	2.05%	10/18/2024		
Sigma Bond 17 (FHLB) CUSIP 3130 AHDS 9	200,000.00	1.68%	10/18/2023	10/18/2021	
Sigma 22 Merrick Bank CUSIP 59013KLR5	249,000.00	0.35%	12/30/2024		
Sigma 19 (Pac. Western CD) CUSIP 69506 YRJ O	245,000.00	1.20%	4/17/2023		
Sigma Bond 20 (FHLB) CUSIP 3130 AJLA 5	550,000.00	0.75%	5/19/2028	5/19/2021	
Sigma Bond 21 (Fed Farm) CUSIP 3133 EL3P7	345,000.00	0.53%	8/12/2025		
1530 Community Banks of Colo. CD	90,000.00	0.95%	6/20/2022		
1011 Bank of the West Checking	82,750.75	0.01%	N/A		
1295 COLOTRUST PLUS+	1,160,644.84	0.065%	N/A		
1290 COLOTRUST PRIME	243,141.45	0.012%	N/A		
Sigma Money Market Account	20,451.21		N/A		
1540 GB&T - Spencer Avenue Reserve	40,036.03	0.15%	N/A		
Petty Cash	100.00	N/A	N/A		
TOTAL UGRWCD	\$ 4,699,142.11				
UGRWAE	Balance	Interest	Maturity		
Account Name	3/31/2021	Rate	Date		
Bank of the West Checking	\$ 94,228.87	N/A	N/A		
COLOTRUST PLUS+	39,593.68	0.0651%	N/A		
TOTAL UGRWAE	\$ 133,822.55				
TOTAL UGRWCD + UGRWAE	\$ 4,832,964.66				

UGRWCD & UGRWAE INVESTMENTS BY TYPE

CD	24%	\$ 1,163,037.83
Checking	4%	176,979.62
Savings	1%	60,487.24
COLOTRUST	30%	1,443,379.97
Petty Cash	0%	100.00
Bonds	41%	\$ 1,988,980.00
Total	100%	<u>\$ 4,832,964.66</u>

UGRWCD + UGRWAE INVESTMENTS BY TYPE



Upper Gunnison River Water Conservancy District

Operating Expenses for Approval

4/15/2021

Name	Account	Amount
Anthem	Employee Benefits	\$ 250.14
Atmos Energy	Utilities	63.01
Atmos Energy	Utilities	112.53
BankCard Center	Various	1,637.13
Beverly Richards	Staff Salary	3,078.19
Business Leasing Solutions	Office Equipment - Copier	242.89
Colorado Employers Benefit Trust	Employee Benefits - Health Insurance	2,168.79
City of Gunnison Finance	Utilities	130.83
City of Gunnison Finance	Utilities	90.12
Colorado Department of Revenue	State Withholding Tax	4,104.00
Colorado State Treasurer	Unemployment Insurance Tax	346.69
Crested Butte News	Public Outreach = \$100.00 Legal Publication = \$9.78	109.78
Dove Graphics	Public Outreach	125.00
Dove Graphics	Office Expenses	396.00
EFTPS	Payroll Taxes	9,474.22
GL Computers	Computer Repair/Service - Monthly	400.00
Great West Retirement	Employee Benefits	8,555.87
Gunnison Country Publications	Public Outreach = \$80.00 Legal Publication = \$14.49	94.49
J&K Services, Inc.	Office Cleaning	560.00
Jill Steele	Staff Salary	3,130.45
Jill Steele	Employee Benefits	277.53
John McCLOW	Administrative Salary	9,713.73
John McCLOW	Employee Benefits	202.40
LexisNexis	Office Expense - LexisNexis	564.69
Microsoft	Microsoft Office Software	100.00
Michelle Pierce	BOD Expenses - Travel	62.72

4/15/2021

Upper Gunnison River Water Conservancy District

Operating Expenses for Approval

Name	Account	Amount
Pinnacol Assurance	Workers' Compensation Insurance	\$ 1,833.00
Silver World Publishing	Public Outreach	80.00
Sonja Chavez	Administrative Salary	6,609.82
Spencer Avenue Business Park	Condo Dues	550.00
Sue Uerling	Staff Salary	2,171.04
The Paper Clip	Office Supplies	113.55
United Healthcare	Employee Benefits	102.60
Western Slope Fire Safety	Office Expenses	150.00
Verizon	Office Telephone	181.48
Total Operating Expenses Payable		\$ 57,782.69

Upper Gunnison River Water Conservancy District

Non-Operating Expenses for Approval

4/15/2021

Name	Account	Amount
Applegate Group	Watershed Management Planning	\$ 1,116.00
Gunnison Valley Service Pros	Building Expenses	350.00
Rignet, Inc.	Cloud Seeding - Irwin Remote	60.75
Hartman Brothers	Cloud Seeding - Irwin Remote	28.99
SealCo	Building Expenses	2,820.00
Trout Unlimited	Watershed Management Planning	1,710.00
Tomichi Creek Eco Systems Services	Wet Meadows - Expense Reimb.	288.88
Tomichi Creek Eco Systems Services	Wet Meadows Coordinator Salary	5,333.33
Non-Operating Expenses Payable		\$ 11,707.95



BANK OF THE WEST
BNP PARIBAS

BANKCARD CENTER
PO BOX 84043
COLUMBUS GA 31908-4043

Account Number XXXX-XXXX-0152-7948

Payment Due Date MAR 25, 2021

Amount Due \$1,637.13

Current Balance \$1,637.13

****PRE-AUTHORIZED PAYMENT****
DO NOT REMIT PAYMENT

UPPER GUNNISON RIVER WATER CONS DIS **N0003136
210 W SPENCER AVE STE B
GUNNISON CO 81230-2544

Amount Enclosed

\$ 1637.13

5868 250 13 55693 2000 15 27948

0000 1637 13

ACCOUNT MESSAGES

Your Bank of the West Mastercard includes an additional benefit: Mastercard ID Theft Protection with access to complimentary Identity Theft resolution services. The benefit also helps prevent identity theft by monitoring the Internet to identify compromised and potentially damaging use of personal information. To enroll your card, please visit: <https://mastercardus.idprotectiononline.com>.

CORPORATE ACCOUNT SUMMARY

UPPER GUNNISON RIVER XXXX-XXXX-0152-7948 Company Total	Previous Balance	Purchases + & Other Debits	Cash Advances	Finance Charges	Credits	Payments	New Balance
	\$1,087.68	\$1,637.13	\$0.00	\$0.00	\$0.00	\$1,087.68	\$1,637.13

CARDHOLDER NEW ACTIVITY SUMMARY

SONJA CHAVEZ XXXX-XXXX-0153-1676 Credit Limit \$12,000	Purchases and Other Debits	Cash Advances	Credits	Total Activity
	\$478.38	\$0.00	\$0.00	\$478.38
JOHN MCCLOW XXXX-XXXX-0153-1684 Credit Limit \$12,000	Purchases and Other Debits	Cash Advances	Credits	Total Activity
	\$5.85	\$0.00	\$0.00	\$5.85
BEVERLY RICHARDS XXXX-XXXX-0153-1692 Credit Limit \$3,000	Purchases and Other Debits	Cash Advances	Credits	Total Activity
	\$1,070.00	\$0.00	\$0.00	\$1,070.00

For Customer Service, Call: 1-866-432-8161	Account Number XXXX-XXXX-0152-7948		Account Summary	
	Statement Date	Payment Due Date	Previous Balance	\$1,087.68
For Autopay Accounts, a pre-authorized payment will be processed by your Bank prior to the payment due date All other inquiries can be sent to: BANKCARD CENTER PO BOX 84043 COLUMBUS GA 31908-4043	FEB 28, 2021	MAR 25, 2021	Purchases & Other Charges	\$1,637.13
			Cash Advances	\$0.00
			Cash Advance Fees	\$0.00
	Credit Limit	Available Credit	Late Charge	\$0.00
	\$100,000	\$98,362.87	Finance Charges	\$0.00
			Credits	\$0.00
	Amount Due	Disputed Amount	Payments	\$1,087.68
	\$1,637.13	\$0.00	New Balance	\$1,637.13

received
03/04/2021



87890580 - 003136 - 0002 - 0002 -

Statement Date	FEB 28, 2021	Payment Due Date	MAR 25, 2021
Credit Limit	\$100,000	Amount Due	\$1,637.13
Cash Advance Balance	\$0.00	New Balance	\$1,637.13
Available Credit	\$98,362.87		
UPPER GUNNISON RIVER WATER CONS DIS			
XXXX-XXXX-0152-7948			

CARDHOLDER NEW ACTIVITY SUMMARY

JILL STEELE XXXX-XXXX-0153-1700	Purchases and Other Debits	Cash Advances	Credits	Total Activity
Credit Limit \$3,000	\$82.90	\$0.00	\$0.00	\$82.90

FINANCE CHARGE SUMMARY

	Average Daily Balance	Daily Periodic Rate	Corresponding Annual Percentage Rate	Periodic Finance Charge
PURCHASES	\$0.00	0.0226%	08.24%	\$0.00
CASH ADVANCES	\$0.00	0.0493%	18.00%	\$0.00

CORPORATE ACCOUNT ACTIVITY

UPPER GUNNISON RIVER WATER CONS DIS XXXX-XXXX-0152-7948				TOTAL CORPORATE ACTIVITY \$1,087.68 CR
Posting Date	Transaction Date	Reference Number	Transaction Description	Amount
02-22	02-22		PRE-AUTHORIZED PAYMENT	1,087.68 CR

CORPORATE REWARDS INFORMATION

For Reward Points Balance including Earned and Redeemed Points, please visit
www.bankofthewestcorporaterewards.com or call 1-800-921-6407

CARDHOLDER ACTIVITY

SONJA CHAVEZ XXXX-XXXX-0153-1676		PURCHASES \$478.38	CASH ADVANCES \$0.00	CREDITS \$0.00	TOTAL ACTIVITY \$478.38
Posting Date	Transaction Date	Reference Number	Transaction Description	Amount	
02-02	02-01	55500361032207523200283	IC CONNEX 9702096920 CO Tran: 06654640616580002 Tax ID: 472802533 Mer Ref: 2481070193 Mer Zip: 81230 Origin Zip: 81230 Dest Ctry: USA	194.97	
02-05	02-04	05436841035300208809338	CITY-MARKET #0419 GUNNISON CO Tax ID: 480196590 Mer Zip: 81230 Origin Zip: 81230 Tax: 0.41	4.91	
02-05	02-04	55480771035207865500762	GUNNISON VITAMIN HEAL GUNNISON CO Tran: 1 Tax ID: 841463872 Mer Ref: 0000000067 Mer Zip: 81230 Origin Zip: 81230 Dest Zip: 000000000 Dest Ctry: USA	25.00	
02-10	02-09	55417341040170405742760	GOBINS INC 719-5442324 CO Tran: 17040574273 Tax ID: 840683368 Mer Zip: 81003 Origin Zip: 81003-4139 Dest Ctry: USA Product Code: MCF Desc: OFFICE PHOTO COPY EQUIPMNT Qty: 1 Unit: EA Disc: N Ext Item Amt: 163.44	163.44	
02-18	02-16	55458851048083747927959	DENVER POST CIRCULATIO 3038323232 CO Tran: 76912569S Tax ID: 760425553 Mer Ref: 163172186 Mer Zip: 80202 Origin Zip: 80202 Dest Zip: 812302544 Dest Ctry: USA Product Code: SUBSCRIPTION Desc: DENVER POST Qty: 1 Unit: ITM Disc: N Ext Item Amt: 11.99	11.99	
02-24	02-22	85179391054980003634133	PIE ZANS LLC GUNNISON CO Tax ID: 461109293 Mer Zip: 81230	68.07	



Water Resource Advisors for the West

Approved to Pay: UG2020-026
Charge to: CWCB PO 2019-2891

Sonja Chavez

Digitally signed by Sonja
Chavez
Date: 2021.03.24 13:21:25
+06'00'

Invoice Memorandum

Date: March 23, 2021

AG Job No.: 20-123

To: Upper Gunnison Water Conservancy
District, Sonja Chavez
schavez@ugrwc.org

From: Craig Ullmann
Applegate Group, Inc.
1490 W. 121st Avenue, Suite 100
Denver, CO 80234

SUBJECT: Invoice for Gunnison and Tomichi
Valley/ John D. Outcalt Ditch Study

Attached please find our invoice for professional consulting services provided for the period of January 30, 2021 through February 26, 2021 in the amount of **\$1,116.00**.

Additional detail regarding this invoice and the project budget is shown in the table below:

Project Task	Current Invoice	Invoice to date
Site Visit/Data Gathering		\$ 1,333.08
Survey		\$ 6,098.93
Hydraulic Model	\$ 460.00	\$ 10,316.75
Design	\$ 425.00	\$ 4,207.50
Construction Plans & Specifications	\$ 231.00	\$ 1,518.25
Total	\$ 1,116.00	\$ 23,474.51

Date Rec. 3-25-21 Adm. Ckd. ✓
Mgr. Appr. SRC Amt. Appr. \$1,116 - C
Bd. Appr. Date 3-26 Bd. Initials
Pd. Date 3-26 Cld.
Account(s) WHP

Orig Budget \$ 15,000.00
SOW Amend. #1 - Design \$ 8,500.00
Total Budget \$ 23,500.00
Budget Remaining \$ 25.49

Construction Services	\$ -	\$ -
-----------------------	------	------

SOW Amend. #1 - Const \$ 4,200.00
Budget Remaining \$ 4,200.00

A description of services provided during this period is listed below:

- Revisions to hydraulic model
- Revisions to planset per conf call with owners
- Conf call with owners

Please do not hesitate to contact us with any questions regarding your account or project. We appreciate the opportunity to be of service.

Upper Gunnison Watershed Management Planning Consultant Monthly Project Progress Report

Date: 3/26/2021

Consultant/Contract Number:

UG20-002

Invoice Number: 6

Invoice Amount: \$0 in-kind, \$1,710 paid

Project Performance Period: January 1 2021 to, June 1 2022

Report Prepared by: Jesse Kruthaupt

Contact Phone: 970-209-0976

Contact Email: jesse.kruthaupt@tu.org

PROJECT ACCOMPLISHMENTS (THIS REPORTING PERIOD):

- Individual meetings Taylor and Tomichi
- Coordination watershed health with agency partners
- SOR tour and planning.
- Creel survey coordination.
- GTVAD/ Outcult

Difficulties Encountered / Corrective Action / Etc.:

Problem(s) / Changes:

Resolution / Corrective Action Plan & Schedule:

ACTIVITY ANTICIPATED (NEXT REPORTING PERIOD): (April 2021)

- Site Visits
-
- Action Plan.

BUDGET SUMMARY: Ohio Creek

Task	Description	Budget Cash	Budget (in-kind)	Current Expenditures	Current Expenditures In-Kind	Previous Expenditures	Balance Cash	Balance in-kind	Projected Completion Date
1	Ohio Creek stakeholder outreach	\$1125	\$0	\$45	\$0	\$0	\$1080		6/1/2022
4	Ohio Option ID/ SOR	\$3600	\$900	\$225	\$0	\$0	\$3375	\$900	6/1/2022
7	Project Coordination (Ohio)	\$900	\$0	\$90	\$0	\$0	\$810		6/1/2022
Travel	Hours	\$0	\$675	\$0	\$0	\$0	\$0	\$675	6/1/2022
Travel	Miles	\$114	\$114	\$0	\$0	\$0	\$114	\$114	6/1/2022
	Totals	\$5739	\$1689	\$360	\$0	\$0	\$5379	\$1689	

BUDGET SUMMARY: Tomichi

Task	Description	Budget Cash	Budget (in-kind)	Current Expenditures	Current Expenditures	Previous Expenditures	Balance Cash	Balance in-kind	Projected Completion Date
1	Assessment existing uses and Data Mining Gunnison	\$900	\$0	\$135	\$0	\$0	\$765	\$0	6/1/2022
2	Stakeholder outreach Gunnison	\$1125	\$900	\$180	\$0	\$0	\$945	\$900	6/1/2022
7	Project Coordination (Gunnison)	\$900	\$0	\$90	\$0	\$0	\$810	\$0	6/1/2022
Travel	Time	\$675	\$0	\$0	\$0	\$0	\$675	\$0	6/1/2022
Travel	Mileage Reimbursement	\$114	\$0	\$0	\$0	\$0	\$114	\$0	6/1/2022
Totals		\$3714	\$900	\$405	\$0	\$0	\$3309	\$900	

Budget Summary: Cebolla

Task	Description	Budget Cash	Budget (In-kind)	Current Expenditures Cash	Current Expenditures In-kind	Previous Expenditures	Balance Cash	Projected Completion Date
Task 1	Assessment	\$450	\$0	\$0	\$0	\$0	\$450	6/1/2022
2	Stakeholder outreach	\$1800	\$0	\$0	\$0	\$0	\$1800	6/1/2022
7	Admin	\$675	\$0	\$90	\$0	\$0	\$585	6/1/2022
Travel	Time	\$675	\$0	\$0	\$0	\$0	\$675	6/1/2022
Mileage		\$114	\$0	\$0	\$0	\$0	\$114	6/1/2022
Total		\$3714	\$0	\$90	\$0	\$0	\$3624	12/31/2020

Requested Budget Amendments & Rationale:

Requested Contract Amendment & Rationale:

Consultant Signature & Date:  3/26/2021

Upper Gunnison Administrative Staff Approval & Date:  3/29/21

Gunnison Valley Service Pros
PO Box 926
Crested Butte, CO 81224 US
(970) 901-1449
gunnisonvalleyservicepros@gmail.com
http://gunnisonvalleyservicepros.com



INVOICE

BILL TO
Sonja Chavez
210 West Spencer, Suite B
Gunnison, CO 81230

Spencer Ave.

INVOICE # 1357
DATE 04/03/2021
DUE DATE 04/03/2021
TERMS Due on receipt

ACTIVITY	QTY	RATE	AMOUNT
Service UGRWCD Second coat of stain for the trim/fascia	1	1,750.00	1,750.00
Second coat of stain for the buildings fascia			

Hi Sonja!

BALANCE DUE

\$1,750.00

20% deposit due at this time (\$350). This will be on our calendar sooner than later as we are able to work with stains in cooler temps. I will be in touch soon for schedule.

Talk soon, thank you!

Nate

Date Rec. 4-4-21 Adm. Ckd. _____
Mgr. Appr. ERC Amt. Appr. \$350.-
Bd. Appr. Date _____ Bd. Initials _____
Pd. Date _____ Ckd _____
Account(s) _____



Upper Gunnison River Water Conservancy
District
210 W. Spencer Ave
Suite B
Gunnison, CO 81230
United States

Invoice **202103_472**
Date 31 March, 2021
Account C201008

Remittance should be mailed to:
RigNet, Inc.
P. O. BOX 941629
Houston, TX 77094
Phone: +1 281 674 0683
Email: ar@rig.net

Airtime Period 1 Mar - 31 Mar 2021

Summary

Total Airtime and Fees this Period	USD	60.75
Total Amount This Invoice	USD	60.75

Terms: Net 30

Please include Invoice Number and Account Number with your payment

For Wire Transfers, please remit to:

Bank Name: Bank of America
Acct Name: RigNet, Inc.
Account No: 488025116355
SWIFT # BOFAUS3NABA
Routing # 026009593ABA
ACH# 111000025

Date Rec. 4-13-21 Adm. Ckd. M
Mgr. Appr. SR Amt. Appr. \$60.75
Bd. Appr. Date _____ Bd. Initials _____
Pd. Date _____ Ck# _____
Account(s) Client Seeding
Irwin Rensick.

Summary per Product

Product	Charge Type	Amount (USD)
OrbCommIDP	Subscription Fee	33.00
OrbCommIDP	Airtime	25.80
OrbCommIDP	Other	1.95
Total for OrbCommIDP		60.75

**Hartman Brothers, Inc.**

524 North First Street
 Montrose, CO 81401
 Tel.: (970) 240-8535
 Fax: (970) 249-6675

allair
 GASES • INDUSTRIAL • BEVERAGE
 HARTMAN BROTHERS est. 1904

STATEMENT OF ACCOUNT

Customer : M05447

UPPER GUNNISON RIVER WATER CON
 210 WEST SPENCER AVE., SUITE B
 GUNNISON, CO 81230

Statement Date

Mar 31, 2021

Payment Terms

NET 30 DAYS

Date M D	T	Invoice	Delivery Note	Customer P.O. No.	Inv./Credit Amt.	Payment Amt.	Balance
2021/03/31	D	341863			28.99		28.99
Date Rec. <u>4-5-21</u> Addn. Ckd. <u>[Signature]</u> Mgr. Appr. <u>[Signature]</u> Amt. Appr. <u>28.99</u> Bd. Ac. Date <u> </u> Bd. Initials <u> </u> Pd. Da <u> </u> Ckd <u> </u> Accou: <u>Cloud Seeding</u> <u>- Irwin Reynob</u>							
TOTAL ----->					28.99	0.00	28.99
CODES (T) :					I - INVOICE C - CREDIT NOTE U - UNAPPLIED CREDIT S - FINANCE CHARGE D - CYLINDER RENTAL L - CYLINDER LEASE F - MONTHLY FACILITY R - MACHINE RENTAL		

CURRENT

31 - 60 DAYS

61 - 90 DAYS

90+ DAYS

28.99

0.00

0.00

0.00



TOLL FREE:
877.9.SealCo

WWW.SEALCOINCORPORATED.COM

U.G.R.W.C.D
SUE UERLING
210 W. SPENCER AVE. SUITE B
GUNNISON, CO.
81230

PROJECT LOCATION

2/9/2021

210 W SPENCER

PROPOSAL

ESTIMATOR: STEVE

P.O.#

BID # 20682

DESCRIPTION	QNTY	UNIT	TOTAL:
CRACK SEALING OF CRACKS AND JOINTS 1/4" & WIDER (EXCLUDES ALLIGATOR AREAS): APPLICATION OF HOT APPLIED CRACK SEALANT. CUSTOMER IS RESPONSIBLE FOR WEED MITIGATION.	1	2,200.00	2,200.00
SealCo Spectrum Seal™ - Deepest Black Color ~ Extended Longevity SealCoat	7,630	0.32	2,441.60
OUR PROPRIETARY, CUSTOM BLENDED ASPHALT SEALER SUPPLEMENTED WITH BLACK AGGREGATES, POLYMER ADDITIVES, AND DARK COLOR ENHANCERS.			
Spectrum Seal™ APPLICATION INCLUDES: CLEANING OF ASPHALT AS NEEDED. SPOT PRIMING OF OIL SPOTS - IF ANY. APPROXIMATE ASPHALT AREA TO BE RESTORED: 7,630 SQUARE FEET.			
RE-STRIPING OF EXISTING PARKING AREA MARKINGS.	1	1,000.00	1,000.00
<div style="text-align: right;"><p>Date Rec. <u>3-29-21</u> Adm. Ck. <u>[Signature]</u> Mgr. Appr. <u>SRG</u> Amt. Appr. <u>\$2,820.80</u> Bd. Appr. Date _____ Bd. Initials _____ Pd. Date _____ Ck'd _____ Account(s) _____</p><p>50% = 2820.80</p></div>			
SealCo™ - Highest Quality Products Best Customer Service - Before and After the Sale.			

TOTAL: \$5,641.60

READ BEFORE SIGNING - TERMS OF SALE - ESTIMATE VALID FOR THIRTY DAYS. THIS IS AN ESTIMATE ONLY. FINAL COST IS DETERMINED BY ACTUAL QUANTITY OF EACH PRODUCT CONSUMED. 50% OF ESTIMATE REQUIRED FOR DOWN-PAYMENT. FULL BALANCE DUE UPON COMPLETION. ACCOUNTS ARE DUE AND PAYABLE WITHIN FIVE DAYS OF PURCHASE. A FINANCE CHARGE OF 2% PER MONTH (ANNUAL PERCENTAGE RATE OF 24%) WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN FIVE DAYS FOLLOWING PURCHASE. IF PLACED FOR COLLECTION PURCHASER AGREES TO PAY ALL ATTORNEY AND COLLECTION COSTS. CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR SAFETY VIOLATIONS OF OTHERS. ALL DIMENSIONS AND QUANTITIES ARE APPROXIMATE. ADDITIONAL COSTS WILL BE INCURRED DUE TO INTERFERENCE FROM VEHICLES AND/OR HINDRANCES FROM ANY SOURCE DURING AND/OR PRIOR TO APPLICATION. THE ABOVE TERMS AND COSTS ARE ACCEPTED, I UNDERSTAND THAT ADDITIONAL CHARGES MAY APPLY, YOU ARE HEREBY AUTHORIZED TO COMPLETE THE WORK, AND ANY ADDITIONAL WORK AS NEEDED.

SIGNATURE & DATE: _____

PAYMENT MAILING ADDRESS: P.O. BOX 778 GUNNISON, COLORADO 81230

MONTROSE 970.249.8612 GRAND JUNCTION 970.263.4260 GLENWOOD SPRINGS 970.945.4260 GUNNISON 970.641.4260

TROUT UNLIMITED

Jesse Kruthaupt
604 Elsa CT
970-209-0976
jkruthaupt@tu.org

INVOICE

INVOICE #: 7

DATE OF INVOICE: MARCH 26, 2021

TO:

Sonja Chavez
Upper Gunnison River Water Conservancy District
210 West Spencer
Gunnison, CO 81230

WATERSHED MANAGEMENT PLANNING PHASE II
PERIOD 1/1/2021 – 3/26/2021

Contract #UG2020-002

DESCRIPTION	QUANTITY	Rate \$45/hr	In-kind	Paid
Task 1 (Ohio): Action Plan	1	\$45	\$0	\$45
Task 4 (Ohio): Applegate meeting/tour, stakeholder calls and follow up.	5	\$45	\$0	\$225
Task 2: (Taylor) Watershed health meetings (1/11,3/4) TLUG (3/10), Don S. , Pete Dunda	5	\$45	\$0	\$225
Task 1: (Tomichi): Site visits Elsen Vader, phone calls Bombard, Kruger, Peterson, Esty	3	\$45		\$135
Task 2: (Tomichi): Phone call meeting scheduling Benson, Tony M, Farhlender, WRA/CPW	4	\$45		\$180
Task (2) Gunnison – GTVAD, Cranor	8	\$45		\$360
Task 7 Admin(Taylor) – WMP meetings, invoicing	3	\$45	\$0	\$135
Task 7 Admin: (Gunnison) WMP meetings, invoicing	3	\$45	\$0	\$135
Task 7 Admin: (Ohio) WMP and meetings, Invoicing reporting	2	\$45	\$0	\$90
Task 7 Admin: (Tomichi) WMP Meeting	2	\$45	\$0	\$90
Task 7 Admin (Cebolla) WMP Meetings	2	\$45	\$0	\$90
Total	38 hrs	\$45	\$0	\$1,710

Thank you, please make Checks payable to Trout Unlimited

Upper Gunnison River Water Conservancy District
2021 Expense Report and Request for Reimbursement


Name: Paul Jones

Position: Wet Meadow Coordinator

Date Rec. 4-14-21 Adm. Clk. [Signature]
 Mgr. Appr. _____ Amt. Appr. _____
 Bd. Appr. Date _____ Bd. Initials _____
 Pd. Date 4-26 Clk _____
 Account(s) Wet Meadow

\$0.560

Date	Business Purpose	Travel		Meals	Hotel	Other Expenses	
		Miles	Reimbursement			Amount	Explanation
3/14/2021	supplies for soil moisture monitoring		\$ -			\$288.88	
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
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			-				
			-				
			-				
			-				
Totals:		0	\$0.00	\$0.00	\$0.00	\$288.88	
Total Reimbursement:						\$288.88	


 Signature _____ Date 4/14/2021

14-Apr-21



Invoice

Paul Jones
Tomichi Creek Ecosystem Services
Post Office Box 124
Gunnison, CO 81230
(970) 641-1993

Bill To:
Upper Gunnison River Water Conservancy District
210 West Spencer Ave, Suite B
Gunnison, CO 81230

Please submit payment for the month of April 2021 for coordination of the Wet Meadow Project: \$5333.33

Work with BLM to develop online training video
Meet with partners and Dave Brown of the Double Heart Ranch, set up tour
Work with Aaron Hall Defenders of Wildlife on potential grant from Gov office
Work with Ann Timberman, Jessican Young and Sonja Chavez on State of the Birds grant
Coordinate with HCCA on planning for 2021 and their CWCB grant
Coordinate with UGRWCD, TU and USFS on forest management planning

AGENDA ITEM 4

Legal and Legislative Matters

AGENDA ITEM 5

**Dan Omasta, CO Trout Unlimited & WMP Coordinator -
Recreational Assessment & Forest & Watershed Health**

AGENDA ITEM 6

BREAK

AGENDA ITEM 7

General Manager and Committee Reports

AGENDA ITEM 7

Treasurer's Report

MEMORANDUM



TO: UGRWCD Board Members
FROM: Sonja Chavez, General Manager
DATE: April 20, 2021
SUBJECT: General Manager's Report

- I. Executive Committee Meeting Update** – Please see attached Memorandum and meeting summary for April 8, 2021.
- II. Watershed Management Planning** – Please see attached Memorandum and meeting summary for April 12th, 2021.
- III. Grant Committee** – Please see attached staff Memorandum and summary of recommended Board Action Items below.
Action Items:
 - 1) Modify the grant award for the *Solar Pumps for Vegetable Irrigation / Gunnison Gardens* to be \$4,365.
 - 2) Approve the Grant Committee funding award recommendation for the *Norman Ditch Diversion Rehab Project* in the amount of \$9,600.
 - 3) Modify the District Grant Program funding award total in 2021 to be \$191,685.77 which incorporates Action Items #1 and #2 above.
- IV. Education Committee** – No meeting. Please see attached staff Memorandum for updates.
- V. Taylor Local Users Group (TLUG) Update** – Please see attached Memorandum and meeting summary.
- VI. Basin Water Supply Information** – Please see attached Memorandum from Beverly Richards.
- VII. Wet Meadows Project Update** – No update this month. Continued planning and fund raising.
- VIII. Scientific Endeavors** – Verbal update from Director Carroll.
- IX. Crested Butte Land Trust Long Lake (a.k.a. Meridian Lake) Stakeholder Work Group** – Verbal update from Director Carroll.
- X. Gunnison River Festival** – Verbal update from Director Fonken.



MEMORANDUM

TO: UGRWCD Board of Directors
FROM: Sonja Chavez, General Manager
DATE: April 19, 2021
SUBJECT: April 8, 2021, Executive Committee Meeting Summary

A meeting of the Executive Committee was held on April 8, 2021 at 10:00 AM.

Michelle Pierce, Stacy McPhail, Bill Nesbitt, John Perusek, Sonja Chavez, John McClow and Sue Uerling in attendance.

Agenda topics included: (1) District Strategic Planning; (2) Board Retreat Discussion; and (3) Miscellaneous District Matters.

- (1) **District Strategic Planning:** Sonja distributed a draft copy of the UGRWCD Strategic Plan (v. 04-08-21) and explained that this would be an “ongoing, living document.” Discussion followed about the Strategic Plan and suggestions were made about the order in which a number of the items in the categories were listed. There was also discussion about priorities in the plan and UGRWCD’s outreach/education efforts with other water entities, as well as with constituents in the District. As a result of these discussions the following action items were identified:

Action Items

- Establish timeframes for the 2021 Major Strategic Initiative list that Sonja also shared with the Committee.
- Re-work the draft of the Strategic Plan document to change the position of importance of a few of the line items, per the recommendations.
- Identify and specify what education/outreach message(s) we will provide to our constituents and other interested parties on the western slope and be more specific about how we will engage with constituents, local/appointed officials, and other water organizations and districts.
- Communicate with municipalities in the District about what their water resource needs will be to support the population growth in our District and offer our support when appropriate.

- (2) **Board Retreat Discussion** – The committee discussed the need for a Board retreat and it was agreed that late summer, perhaps in conjunction with the August Board meeting, would be the best timing.

Action Items

- Reach out to the Board and staff for suggestions on retreat topics
- Include some educational training at the retreat as there is not sufficient time at the monthly Board meetings to delve deeply into water management topics.
- Find a suitable and comfortable location that has audio/visual, ability to socially distance, eat outside, etc.
- Include a “get to know you” session.

- (3) **Miscellaneous District Matters** – Topics of discussion included how the drought outreach promotional products might be distributed; whether or not purchasing blocks of water in case of a call was a good plan for the District financially; what the District’s policy is on Conflicts or Perceived Conflicts of Interest; and the scientific data presented by Kenneth Williams of Lawrence Livermore National Laboratory and ensuing local media articles.

Action Items

- Contact the National Honor’s Society and the Student Leadership Council about getting help with distribution of the Drought Plan promotional products
- Update the Board Manual for the new members to be appointed in June and make all updates available to the Board at the Board retreat
- Send Director Nesbitt the current Conflict of Interest and Perceived Conflict of Interest Policy

Adjournment

The meeting was adjourned at 11:52 a.m.

Next Meeting

June 7, 2021

MEMORANDUM



TO: UGRWCD Board Members
FROM: Sonja Chavez, General Manager
DATE: April 20, 2021
SUBJECT: Watershed Management Planning Update

Background: Since 2017, the District has been conducting comprehensive and community driven watershed and stream management planning within the Upper Gunnison basin. The purpose is to protect and improve existing and future water uses within the basin. Following are updates related to those efforts since our March 22, 2021 Board of Directors (BOD) regular meeting.

Updates:

- A. *Recreational Assessment:* Final report for the Whitewater Recreational Use Assessment and Boatable Days Tools Analysis complete.
- B. *Angling Assessment:* Stakeholder input verification complete and final report under District review. Presentation of findings will be given by Dan Omasta of Colorado Trout Unlimited (WMP Coordinator) at the April 26, 2021 Regular Board meeting.
- C. *Municipal Assessment:* The draft Municipal Needs Assessment submitted by Wilson Water Work and is currently under District review. There are also tentative plans for the WMP Committee to receive a presentation from the City of Gunnison Water Master Plan consultant on May 10th (Details TBD). Finally, additional information on municipal infrastructure needs is underway as part of the Gunnison Basin Roundtable and Growing Watersmart subgroup.
- D. *UGRWCD Watershed & Forest Health Technical Sub-Group:* On April 14, the group met to discuss the development of a scope of work for critical zone mapping and assessment and to review a preliminary project cost estimate from JW Associates. A presentation update will be given to the full board by Dan Omasta (WMP Coordinator) at the April 26, 2021, Regular Board meeting.
- E. *Agricultural Assessment:* The project is starting in earnest. Field visits and stakeholder outreach for the Ohio Creek system optimization planning will commence on April 30th.
- F. *Draft Taylor River Basin Report:* WMP Coordinator sections are being compiled and undergoing staff review and editing.
- G. *Partnership Project Funding Program:* The District was informed that the 2021 Upper Gunnison River Restoration & Irrigation Improvement Project (a.k.a. Outcalt No. 2 & GTVA Shared Ditch Diversion Wing Inlet) was approved for funding under the Colorado River District Partnership Project Funding Program (PPFP). Contracting will commence in the near future. At this time, we are focusing on putting together documentation in support of the flood plain review which needs to be submitted through the County Planning Department.

MEMORANDUM

TO: UGRWCD Board Members

FROM: Watershed Management Planning Committee

DATE: April 12, 2021

SUBJECT: Watershed Management Planning Committee Meeting Summary

A meeting of the committee was held on April 12, 2021 at 1:30 p.m.

Stacy McPhail, Michelle Pierce, Rosemary Carroll, Julie Nania, Jesse Kruthaupt, Dan Omasta, Erin Wilson, Sonja Chavez, Beverly Richards, Jill Steele, and Sue Uerling were in attendance. Andy Spann was absent.

Agenda topics included an update on the boating web tool, environmental RFQ process, update on progress of forest and watershed health group, status of agricultural engineering contract development, recreational assessment update, and status of report sections for the Taylor River Basin. As a result of these discussions the following action and discussion items were identified:

Action and Discussion Items

- Staff will commence work on releasing an environmental RFQ. Desire is to have consultant on board by June.
- Dan Omasta is meeting with forest and watershed health technical subgroup on April 14, 2021 and will also be giving an update to the UGRWCD Board on April 26th.
- Jesse Kruthaupt will develop a schedule and list of high priority project sites to visit with Applegate Engineering when they are in the basin again on April 30th.
- Sonja Chavez will contact municipalities and STOR regarding illegal waste dumping and plans for addressing this issue.
- Director McPhail indicated that the consultant would complete the conservation easement project assessment by the end of April and this data will be provided to Wilson Water Group for map development.
- Staff met again with local Growing Watersmart group and is finding great value.

Next Meeting

Coordinator Bi-weekly Check-In Meeting – April 26, 2021 – 1:00 p.m.

Watershed Management Planning Committee – May 10, 2021 – 1:30 p.m.

All meetings will be held via Zoom teleconferencing until further notice.

Adjournment

The meeting was adjourned at 2:25 p.m.

MEMORANDUM

TO: Board of Directors

FROM: Beverly Richards/Grant Committee

DATE: April 14, 2021

SUBJECT: 2021 District Grant Award Corrections

This memorandum is to address corrections to our 2021 Board approval of Grant Committee recommendations for funding.

1) In the original memo presented to the Board at the March 2021 Board meeting, the summary presented identified funding for the *Solar Pumps for Vegetable Irrigation/ Gunnison Gardens* project in the amount of \$6,163, but it was not included or added into the funding total presented. In addition, staff met with the applicant to discuss project contingencies and ultimately agreed to fund the project in the amount of \$4,365.

2) It also came to our attention after the Board meeting that one grant application submitted via email and within the deadline had not been included in the original staff and committee evaluations packet. This was the *Norman Ditch Diversion Rehab Project* for \$11,600. This application was subsequently evaluated by the Grant Committee and they are recommending that the Board approve a funding award for this project in the amount of \$9,600.

Staff is therefore recommending that the Board approve the following Action Items:

1) Modify the grant award for the *Solar Pumps for Vegetable Irrigation / Gunnison Gardens* to be \$4,365.

2) Approve the Grant Committee funding award recommendation for the *Norman Ditch Diversion Rehab Project* in the amount of \$9,600.

3) Modify the District Grant Program funding award total in 2021 to be \$191,685.77 which incorporates Action Items #1 and #2 above.

MEMORANDUM



TO: UGRWCD Board Members

FROM: Sue Uerling, Administrative Assistant and
Beverly Richards, Water Resource Specialist

DATE: April 19, 2021

SUBJECT: District Outreach & Education Update

I. Radio:

- There were 154 30-second radio spots that ran for free on **KEJJ, KVLE and KPKE** during the last two weeks of March with a message about drought conditions and water conservation. The three radio spots that Sonja recorded will continue to run in rotation at least four times daily on each of these stations through May. Sonja will record three new spots to run in rotation through June and July with a more “summer” drought message. The contract with Harv and Linda Rees will run through September, so Sonja will record three new messages that run through August and September as well. All of the radio spots include the winning drought slogan: “**Water. It doesn’t grow on trees**” as the tagline.
- The District’s underwriting message on **KBUT** has been revised to: *Support for KBUT comes from the Upper Gunnison River Water Conservancy District. With severe to extreme drought conditions persisting throughout the Upper Gunnison basin, the District invites listeners to become an Upper Gunnison Basin Water Hero and conserve. Water, it doesn’t grow on trees!* This message will air daily in conjunction with the “KBUT River Report.” In addition, Sonja and John were interviewed for KBUT’s “Community Matters” program, which aired on April 12, 2021 at 6 PM.

II. Newspapers:

- The *Gunnison Country Times*, *Crested Butte News* and *Silverworld* (in Lake City) have all revised their weekly “Snow/Water Report” advertisements to include one of the drought logos. In addition, Sonja will be writing an article about drought conditions and water conservation that will be published in the *Gunnison Country Times*’ “Summer Magazine” which is distributed at visitor centers, hotels, restaurants, newsstands, and other visitor-frequented locations throughout the area. In addition to the article, the District will also run a full-page color ad in the magazine that will include the drought slogan.

III. Promotional Products:

- District has ordered the following promotional products imprinted with the “Water: It doesn’t grow on trees” logo:
 - 250 double-sided **Yard Signs** from OffCenter Designs
 - 1,000 5” oval **Stickers** from OffCenter Designs
 - 300 BP free plastic **Water Bottles** with pop-up straws from Pat’s Screen Printing
 - 300 off-white **Re-usable Shopping Bags** from Pat’s Screen Printing

These products should be ready mid to late-May. We will be seeking help with distributing the products from the National Honor Society, Student Leadership Council and Track

Team at Gunnison High School, as well as from the Gunnison and Crested Butte Chamber of Commerce, the Board, staff and other volunteers. In addition, the products will be handed out at the Gunnison River Festival on June 11 and 12th.

IV. Posters, Rack Cards, Table Tents, Billboard and Signage:

- The District plans to print posters using the full-page ad graphics designed for the *GCT* Summer Magazine for businesses, restaurants, hotels. District staff is also exploring cooperative efforts with the Sustainable Tourism and Outdoor Recreation Committee (STOR), Chamber of Commerce, and local municipalities to have the water conservation, drought message, back country etiquette and other visitor conservation messages included on rack cards and table tents. More information will be provided as it becomes available.
- Staff has also checked on the possibility of renting billboard space at the east and west entrances to Gunnison via Highway 50. Currently, all billboards are under contract for the summer with other businesses, but Kirsten Dickey of OffCenter Designs is checking into the possibility that they may be willing to share some of their time with UGRWCD and OffCenter Designs. At the last Board meeting, Director Hazard made a suggestion to check into banners or signs containing the drought message to erect on private property along Highways 50 and 135 for vehicles coming and leaving Gunnison. Kirsten Dickey at OffCenter Designs recommended more weather-proof signs that are made of alupanel, which is 2 sheets of aluminum with a plastic composite in the middle, which will stand up to wind and moisture much better than banners and cost about the same. An 8'x4' alupanel sign is \$450, including the design, print set-up and the entire sign/staking.

V. Newsletter:

- The next District newsletter copy is written and has been forwarded to Rob Strickland of Midnight Marketing to be added to the District's website and emailed to the District's newsletter distribution list. Due to some website framework and training issues, the newsletter is a little delayed but should be out before the end of the month. All articles have a drought-related focus this quarter.

VI. Social Media:

- News articles and other drought updates from other water sources are shared regularly on the District's website, Facebook account, Twitter and Instagram. In addition, the District will be developing a more regular email campaign to feature bi-weekly and up-to-date information about basin and statewide water supply conditions and regional water news.

The costs of the outreach plan are covered under the approved 2021 Education Committee Budget.

VII. Website Update:

- The changes to the website are progressing and look very nice so far. The framework for the website changes are being completed by Rob Strickland with Midnight Marketing.

At this time, staff is working with Rob to complete outstanding changes that still need to be made under the original scope of work. In addition, Rob has created training videos as he is making changes to the website, but one-on-one training with staff has not yet taken place. We are anticipating a slight budget increase to complete the project and Rob will provide us with a cost estimate before we move forward.



Upper Gunnison River Water Conservancy District

MEMORANDUM

TO: UGRWCD Board Members

FROM: Taylor Local Users Group (TLUG)

DATE: April 8, 2021

SUBJECT: Taylor Local Users Group Meeting Minutes

A TLUG meeting was held on April 8, 2020 via Zoom video/teleconference. Attending the meeting were the following TLUG members:

Ryan Birdsey, representative for flat water recreation interests
Ernie Cockrell, representative for Taylor Placer
Pete Dunda, representative for property owners
Roark Kiklevich, representative for wade fishing interests
Don Sabrowski, UGRWCD Board representative and TLUG Chair
Mark Schumacher, representative for whitewater recreation interests
Andy Spann, representative for irrigation interests

Also present: Rory Birdsey (Taylor Park Marina); Dan Brauch (CO Parks & Wildlife); Dustin Brown (Scenic River Tours); Ryan Christianson (BOR); Tom Fowlds (BOR); David Gochis (National Center for Atmospheric Research-NCAR); Erik Knight (BOR); Jesse Kruthaupt (Trout Unlimited); Elliott Manning (Eleven); Michelle Pierce (UGRWCD Board President); Ches Russell (Scenic River Tours); Taylor Scott (Engineer/CO Parks & Wildlife); Ryan Unterreiner (Colorado Parks & Wildlife); Ed Warner (BOR) and Sonja Chavez, John McClow; Beverly Richards, and Sue Uerling (all UGRWCD staff)

Chair Don Sabrowski called the meeting to order and asked Bev Richards to read the names of those participating via Zoom.

The meeting summary from the March 10, 2021 meeting was included in the meeting materials. There were no comments about or changes to this summary.

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Erik Knight of the Bureau of Reclamation provided an update on Taylor River Operations. According to the Colorado River Forecast Center, the Taylor Reservoir is just under 70 percent of average. They are predicting a maximum fill of 87,800 feet in elevation, short of the average 93,205 feet. Erik noted that this would leave the end of year storage content a little short of the goal of 70,000 acre feet, so flow adjustments may be needed. He reported that the snowpack is currently at 83 percent of median for 2021, similar to what we saw in 2018. Erik said the current release of 84 cfs is still in place and that they are still forecasting maximum releases of 300 cfs in June and July at present with a drop to 250 cfs in August. Chair Don Sabrowski asked if it would be possible for Erik to include a line of comparison showing 2020 releases on the Taylor Park Reservoir Operation Plan chart and Erik said this would not be a problem. Dave Gochis of the National Center for Atmospheric Research introduced himself and said that he has been gathering data on snowpack in Tincup and further above Taylor Reservoir for a few years now. He said his data is showing snowpack of 40 inches in Tincup and 55-60 inches higher, which is lower than the Snotel readings. His research is showing that streamflows will be even less than what Erik's report suggests and that peak runoff will likely be earlier than the June 9th average. Dave offered to share this data with Erik and Erik said he would appreciate having it. Chair Sabrowski asked how this data compares with the snowpack data Dave has for this time in 2020 and Dave replied that he does have over two years of comparison data and that he will share it with the TLUG group.

UGRWCD General Manager Sonja Chavez shared that she visited with Steve Anders of USGS and that Steve said they are still on track for getting the new gages installed at Texas and Willow Creek in April and continues to work with the Forest Service on permitting. No concerns.

Chair Sabrowski asked the TLUG members to provide their flow requests. There was a lot of discussion about being conservative on the front end of the season in order to save water for September and October and meet the 70,000 acre feet end of year goal.

Dan Brauch of CO Parks & Wildlife (CPW) reported that they would be doing repairs to the Spring Creek Reservoir dam outlet works which could affect flows into lower Taylor River. He introduced Taylor Scott of the CPW who will serve as the engineer for the dam rehabilitation project. Taylor reported that there are dam safety deficiencies with the outlet pipe and no ability to remotely monitor the reservoir level. Taylor reported that they will be lining the outlet pipe, replacing the operating gate stem and adding a bubbler for better remote reservoir level monitoring. This will require draining Spring Creek Reservoir over the course of the summer so that construction can begin in August and continue through mid-October. In order to meet their construction schedule, they would like to start drawing down the reservoir in mid-May, with a gradual release and then ramping up to maximum releases in June and July to drain the reservoir down to dead pool in time for construction. Chair Sabrowski asked if construction would mean breaking through the dam? Taylor replied that the dam will not need to be breached, but that access to the outlet

210408 TLUG Meeting Summary

pipe is required to line the pipe instead of having to demo it. Don also asked how they will handle inflows to Spring Creek Reservoir. Taylor explained that they will pump the inflow water over into the spillway during construction and will begin to gradually release through the outlet pipe in May to drain the reservoir.

Spring Creek Reservoir has approximately 1,400 acre-feet of active storage with up to 1,600 acre-feet of full storage. Taylor estimates that the current outlet pipe has a maximum capacity of 70 cfs. CPW owns the water rights for Spring Creek Reservoir. Taylor gave the following approximate schedule for the releases to reach drain down by the construction start in August:

Mid May: 20-30 cfs slow open for dam safety purposes.
May 25ish: 65 cfs (max release)
June: 50 – 60 cfs throughout entire month.
July: 60 cfs beginning of the month and then dropping to 20 cfs in late July in order to be at dead pool stage by August.

Chair Sabrowski asked if there was any flexibility with these dates and Taylor said they could probably push back the releases by up to about two weeks and still meet their construction start date.

Based on this data, Chair Sabrowski asked the TLUG members if this would change their flow requests. There was a general consensus that the TLUG should still continue to start season as conservatively as possible and acknowledged that it would be very helpful if the TLUG could take advantage of the Spring Creek releases, especially in the June - July time period. The TLUG members agreed that if CPW could push back their releases by about two weeks, this could help water users during late June and early July. Taylor said this should not be a problem. Draft revised CPW releases would therefore look something like follows:

June 1: Slow open at 20-30 cfs and then ramp up to max 60 cfs.
July: Releases will likely remain at 40-60 cfs while snowmelt is occurring.
August: Anticipate 20-50 cfs bypass flows

Summary comments about flow requests were as follows:

Mark Schumacher – Because Three Rivers will be training raft guides at the end of May, he would like to request that for the last 10 days of May, flows be at least 200 cfs. Mark noted to raft, they really need about 200 cfs to get down the river and that this year, the raft season will probably be over by August.

Andy Spann – For irrigators, the goal would be to have the most water they can get through the early part of July for the hay crop.

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Ernie Cockrell – Since there is not going to be much water to work with and a lot of demands, he is in favor of being as conservative as possible on the front end and noted that this is a good summer for the Spring Creek project if there ever was.

Roark Kiklevich – He agrees with the discussion but believes that the group may need to look at more cuts to flows at the end of June, as he does not believe that the snowpack is as high as what the Snotel data is indicating at Park Cone.

Ryan Birdsey – He is in agreement with the consensus but also suspects that inflows will be dropping below the current model projections as runoff season progresses.

Pete Dunda – He is fine with the consensus and said an earlier ramp-up will not negatively affect homeowners' property conditions.

A roll call vote was taken, and the unanimous final recommendations were as follows:

May 1-18: 100 cfs
May 18-20: quick ramp-up to 200 cfs
May 20-June 1: 200 cfs
June 1-15: 250 cfs
June 15-early July: 300 cfs

Taylor was asked how CPW would be refilling Spring Creek Reservoir next year and he replied that they would like to fill it as soon as possible next May and June from spring runoff and that hopefully, it will be a wetter winter next year. Taylor did say that they are not planning for any releases from Spring Creek Reservoir in 2022 which is something the TLUG should remember to consider next year. (CO Parks and Wildlife can be flexible on the refilling of Spring Creek in 2022 depending on the runoff situation at that time, per Taylor). Chair Sabrowski asked if Taylor would please keep the group posted about releases and construction and he agreed.

Chair Sabrowski asked if Sonja had talked to Uncompahgre about any possible calls that they are aware of. Sonja did speak with the UVWUA and their office manager indicated that onion growers from the Delta area were requesting water. The UVWUA started charging their canal system around May 18th and were able to do so without drawing off their Aspinall Unit storage account. She noted that it would likely be a tough year for them as well as they ended the 2020 water year with much of their service area in D4 drought and drier than average soil conditions. Sonja also reported that the District has been discussing the possible purchase of some blocks of water to delay a Gunnison Tunnel call but that the expense involved may not be justify the number of days additional water could be provided. The District will continue to analyze.

Dan Brauch of the CPW reported that they would be releasing kokanee fry on Tuesday, April 13th and they would not need extra water for the release. The fry should hit the East River on Tuesday night, which is a dark moon night and good for

210408 TLUG Meeting Summary

the release. He also reported that both the Taylor River and Gunnison River are still being considered for listing as “Gold Medal Waters.” He also said they are seeing a lot of boats coming in, especially from Lake Powell, with invasive species and so CPW will be ramping up their boat inspections at Blue Mesa and Taylor and doing more roving inspections up at Lake San Cristobal.

General Manager Sonja Chavez reported that the Gunnison River Festival will be held June 12 & 13, 2021. The District is the primary festival financial supporter and will be helping/volunteering at the Taylor Down River Race including a possible barbecue following the race. She encouraged TLUG members to get involved.

The consensus of the group was to meet again on **May 7th at 12 Noon** for the next TLUG Meeting.

MEMORANDUM

TO: UGRWCD Board Members

FROM: Beverly Richards, Water Resource Specialist

DATE: April 16, 2021

SUBJECT: Basin Water Supply Information

The basin water supply information supplied as part of this memorandum is a monthly feature and will include updates on drought conditions, snowpack, streamflow, Aspinall Unit Operations from the Bureau of Reclamation, Lake Powell conditions, Taylor Park Reservoir Operations, and the Upper Gunnison Cloudseeding Program. This information will be increasingly important as drought conditions persist or worsen in 2021.

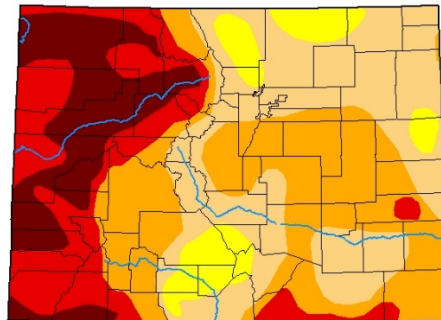
Drought Conditions:

According to the *U.S. Drought Monitor* at drought.gov, as of April 13, 2021, 29.56% of Colorado is in severe (D2), 17.48% in Extreme (D3), and 14.65% in Exceptional (D4) drought conditions. As per the table below, there has been a significant change in drought severity as more of the state is now in the D0 and D1 categories, and less of the state are in the D2-D4 categories, with the largest reduction occurring in the Extreme (D3) category. This is due in part to snowfall on the Eastern Slope which occurred throughout the month of March.

Date	D0	D1	D2	D3	D4
April 13, 2021	7.69	30.62	29.56	17.48	14.65
March 9, 2021	1.43	9.81	32.12	41.75	15.89
Change	+6.26	+20.81	-2.56	-24.57	-1.24

Table 1: Percent Area in Drought Categories - Colorado

**U.S. Drought Monitor
Colorado**



April 13, 2021
(Released Thursday, Apr. 15, 2021)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)						
	None	D0	D1	D2	D3	D4
Current	0.00	7.69	30.62	29.56	17.48	14.65
Last Week 04-06-2021	0.00	7.69	30.62	29.56	17.48	14.65
3 Months Ago 01-12-2021	0.00	0.00	8.97	17.40	46.04	27.59
Start of Calendar Year 12-29-2020	0.00	0.00	6.27	17.56	48.57	27.60
Start of Water Year 09-29-2020	0.00	0.71	9.93	36.47	50.24	2.64
One Year Ago 04-14-2020	33.28	13.52	40.34	12.88	0.00	0.00

Intensity

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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:

Deborah Bathke
National Drought Mitigation Center



There has been a slight improvement in Gunnison County. Current conditions show that 3.03% of the county is now in Moderate (D1) 90.5% of Gunnison County is now in Severe (D2) and 6.46% remains in extreme (D3) conditions.

Hinsdale County continues at 99% in severe (D2) conditions and 1% in extreme (D3) conditions. In November 2020, Hinsdale County was 60% in extreme (D3) conditions, and 40% in exceptional (D4) conditions, so this continues to be an improvement countywide. Saguache County also continues to improve as they are now 36% in the abnormally dry (D0) category, 27% in the moderate (D1) category, and 37% in the severe (D2) category. This is a significant improvement since March 2021. Other areas in the western part of Colorado continue to remain in either extreme or exceptional drought and the forecast is that much of the western United States will remain that way for at least the next 90 days.

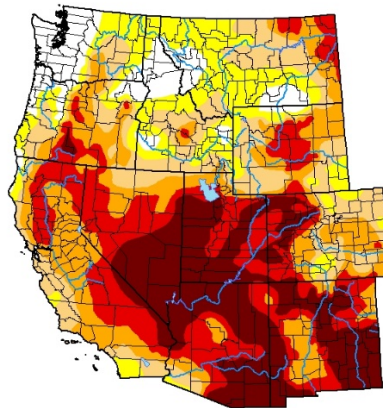
In the western areas of the country, much of the region remains dry with only areas of north-central Wyoming and southern Montana showing improvement in precipitation deficits which also helped improve streamflow and soil moisture content. Eastern Washington and Oregon showed an increase in drought conditions as precipitation deficits increased. This was due in part to a warm, dry winter in the area. Little to no water will likely be available for irrigation from the Upper Klamath Lake this year.

Drought conditions have expanded into Idaho where warming temperatures and lack of precipitation has led to limited runoff occurring earlier than normal. The same conditions exist for northern and central California where long-term deficits have increased drought conditions and concern for fire danger.

In the southwest (Arizona and New Mexico) exceptional drought conditions have expanded as hot and dry conditions continue. Impacts have been felt in the areas of streamflow, soil moisture, and vegetation. High temperatures in these areas have ranged from 10 to 20 degrees above normal and these conditions have been ongoing for the last 12 months.

**U.S. Drought Monitor
West**

April 13, 2021
(Released Thursday, Apr. 15, 2021)
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>

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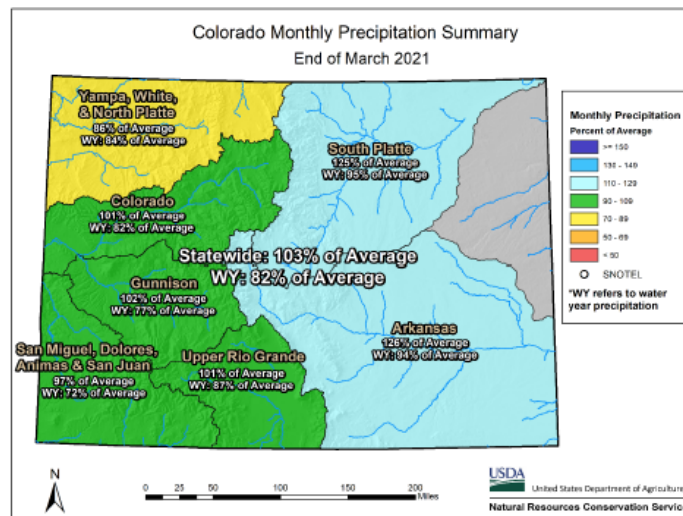


droughtmonitor.unl.edu

Drought Conditions in the West Region

Snowpack Information:

According to the NRCS news release dated April 8, 2021, precipitation in March ranged from a high of 126% of average in the South Platte River Basin to as low as 86% of average in the Yampa-White-North Platte River Basins. The greatest gains in snowpack occurred in the eastern river basins. However, unseasonably warmer temperatures in the mountains have started the melting of the snowpack. The snowpack remained at 77% of average for the water year in the entire Gunnison Basin for March but has since decreased to 66% to date. At the end of March, the Upper Gunnison Basin snowpack was at 89% but has since decreased to 77% in the last 15 days. The entire state of Colorado is currently at 85% of average which is up from the 82% at the end of March, so some areas of the state have seen improvements but all the river basins in the state remain below average for the year. See the precipitation summary map for March below.



Colorado Monthly Precipitation Summary

Reservoir storage in the entire Gunnison Basin is at 87% of average for the year. The reservoirs in the Upper Gunnison Basin, Taylor Park and Blue Mesa, are at 59% and 47% respectively. As a result of the dry conditions, streamflow will likely remain low and reservoirs will see little recharge in the coming runoff season. A combination of dry soils and below normal precipitation will likely result in lower volumes of runoff into the reservoirs. The lowest forecasts for streamflow in the state are in the river basins in the Southern San Juan Mountains and the Gunnison River Basin, which are forecasted to range from 36 to 77 percent of average this runoff season.

Aspinall Unit Forecast for Operations:

The Bureau of Reclamation provided us with the forecast for operations for the Aspinall Unit as of April 9, 2021. The report includes information about snowpack in the Upper Gunnison Basin, forecasted inflows and storage amounts in Blue Mesa Reservoir, and projected spring operations. This information reiterates the information by other sources within the state, that things are dry with some improvement but are likely to remain dry through the Spring.

- Upper Gunnison Basin Snowpack: 77%
- Blue Mesa Forecasted Inflows: 440,000 AF (65% of average)
- Blue Mesa Current Conditions: 495,000 AF Content (47% full)
- Current Blue Mesa Inflows: 1,000 cfs
- Projected Blue Mesa maximum fill: 562,000 AF Content (59% full)
- Projected Blue Mesa conditions as of 12/31/21: 440,000 AF (47% full)

The following statement was received from the Bureau of Reclamation on April 15th regarding Gunnison River flows and Aspinall Unit Releases:

Gunnison River flows have dropped off quickly over the last few days and there is a need for more water in the Gunnison River at the Redlands Canal and at the Gunnison Tunnel. Therefore, releases from the Aspinall Unit will be increased by 200 cfs this afternoon, April 15th and by 200 cfs tomorrow morning, April 16th. The Gunnison Tunnel will divert an additional 100 cfs tomorrow morning, April 16th. The remaining water not diverted by the Tunnel will travel down river to the Redlands Canal.

Flows in the lower Gunnison River are currently below the baseflow target of 790 cfs. River flows are expected to stay below the baseflow target for the next week. Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 790 cfs for April. Currently, diversions into the Gunnison Tunnel are 900 cfs and flows in the Gunnison River through the Black Canyon are around 400 cfs. After these release changes, diversions into the Gunnison Tunnel will be 1000 cfs and flows in the Gunnison River through the Black Canyon will be around 700 cfs.

Current flow information is obtained from provisional data that may undergo revision subsequent to review. This scheduled release change is subject to changes in river flows and weather conditions. For questions or concerns regarding these operations contact

Lake Powell Information

The following information for 2021 Lake Powell conditions was provided by John McCLOW:

In accordance with Section 6.B.1 of the Interim Guidelines, the March 24-Month Study projects that 8.23 maf shall be released from Lake Powell in water year 2021.

The March forecast for water year 2021 ranges from a minimum probable of 3.49 maf (32% of average) to a maximum probable of 8.05 maf (74% of average). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast of 5.13 maf unregulated inflow, the March 24-Month Study projects Lake Powell elevation will end water year 2021 near 3,557.03 feet with approximately 8.10 maf in storage (33% of capacity). Note that projections of elevation and storage for water year 2021 have significant uncertainty at this point in the season.

Projections of end of water year 2021 elevation and storage using the minimum and maximum probable inflow forecast from and results from the March 2021 DROA model runs are 3,543.92 feet (7.16 maf, 29% of capacity) and 3,578.99 feet (9.85 maf, 41% of capacity), respectively. Under these scenarios, there is a 10% chance that inflows will be higher, resulting in higher elevation and storage, and 10% chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2021 is projected to be 8.23 maf under the March minimum and most probable inflow scenarios and 8.60 maf in the maximum probable scenario.

Taylor Park Reservoir Storage:

The Bureau of Reclamation provided us with the Taylor Park Reservoir update report. The proposed operations plan is based upon April 1, 2021 forecast from the Colorado River Basin Forecast Center. The forecast center is forecasting approximately 71,000 acre-feet of runoff flowing into the reservoir which is 72% of average. This forecast would indicate that the year type is moderately dry category and could result in the reservoir only filling to 87,850 acre-feet which is 83% full. These forecasts will be closely monitored by the Taylor Local Uses Group as well as the Bureau of Reclamation and other water users downstream. A Taylor Local Users Group meeting was held to discuss Taylor Reservoir operations for 2021 on April 8, 2021 and the following recommendations were made to the proposed operations plan:

- May 1-18: 100 cfs
- May 18-20: quick ramp-up to 200 cfs
- May 20-June 1: 200 cfs
- June 1-15: 250 cfs
- June 15-early July: 300 cfs

In addition, repairs to Spring Creek Reservoir will occur in the summer of 2021. These repairs will result in draining the reservoir and could result in future adjustments to the operations plan as flows fluctuate due to the drawdown of the reservoir. Additional information can be found in the draft Taylor Local Users Group meeting summary provided in the Board meeting packet.

Cloudseeding Report (North American Weather Consultants):

This report provides information about activities conducted by NAWC for March 2021. The highlights of the report include a total of 436 generator hours used in March, 84 of these were from the remote generators. So far this year there had been 1370.5 total generator hours used. There were seven seeding events during the month, four of which occurred during the fourth week of the month.

The generator hours and seeding events have resulted in a snow water equivalent accumulation ranging from .1 inches to 1.3 inches during the seeding events, as shown in table 2. As of April 1, 2021 SWE in the Gunnison Basin remains below normal, with a basin-wide (upper and lower) average of 87% of normal and an Upper Basin average of 89% of normal, see table 3 below, which is an improvement in the Upper Basin from the March 1st report.

Dates	SNOTEL Site					
	Schofield Pass	Park Cone	Porphyry Creek	Cochetopa Pass	Slumgullion	Idarado
March 9-10	0.8	0.2	0.1	0	0.3	0.3
March 14-	0.6	0.4	1.5	0.6	0.2	0.7
March 16	0	0	0.1	0.1	0.1	0.2
March 20	0.1	0.1	0	0	0.5	0.8
March 23-	0.4	0.1	1.3	0.1	0.5	0.8
March 25	0.4	0.1	0.4	0	0	0
March 26	0.3	0	0	0	0	0.3

Table 2: SWE Accumulation for March 2021

Measurement Site	Snow Water Equivalent (inches)		
	As of 4/1/21	Median	Percent of Median
Butte	11.1	13.3	83%
Park Cone	8.5	9.9	86%
Porphyry Creek	14.5	15.2	95%
Scofield Pass	24.2	26.1	86%
Slumgullion	12.8	13.4	96%
Upper Gunnison Basin			89%

Table 3: Upper Gunnison Basin Snow Water Content by Site

The 2021 cloudseeding program completed on April 15, 2021.

Think Water and Conserve!

AGENDA ITEM 7

Scientific Endeavors Report

AGENDA ITEM 7

Long Lake Stakeholder Work Group Update

AGENDA ITEM 7

Gunnison River Festival Update

AGENDA ITEM 8

**UGRWCD Demand Management Statement of
Understanding: Draft Review**



COLORADO WATER CONSERVATION BOARD

Protecting Colorado Water

DEMAND MANAGEMENT FRAMEWORK

As part of Colorado's [Demand Management](#) Feasibility Investigation (see [Work Plan](#)) led by the Colorado Water Conservation Board (CWCB), this document includes a Demand Management Framework focusing on various issues associated with a potential Demand Management program.

While reviewing, note that the following Demand Management Framework draft is:

- For a potential Demand Management program that would involve temporary, voluntary, and compensated reductions in consumptive water use pursuant to the [Demand Management Storage Agreement](#).
- Not a Demand Management program, but rather a tool for discussion regarding a potential program, which is not a foregone conclusion.
- Designed to be iterative, and there will likely be multiple updated versions released as the discussion progresses.
- Designed to show a broad range of implementation options, without showing preference for any given option.
- Set up using a range from A to C, designed to roughly correlate with level of complexity for the various implementation options. These designations do not correlate with any value judgments about which option may be best.
- Not intended to represent any commitments or guarantees regarding viability of a program design. For example, some options presented may have budgetary or other constraints.
- Intended to be used as a tool for discussion across Colorado about what may work and what may not work in a potential Demand Management program from varying perspectives, and any information gathered throughout this process is intended to assist CWCB in determining whether Demand Management may be achievable, worthwhile, and advisable from Colorado's perspective.
- Not intended to represent any position of the CWCB or the State of Colorado regarding the feasibility of Demand Management.

To provide feedback on this Framework document, please email demandmanagement@state.co.us or visit engagecwcb.org.

Demand Management Framework



Options for Elements of Feasibility









Each DM workgroup identified threshold issues (elements of feasibility). Each feasibility element could be implemented by a range of options. Three implementation options are explored here (A, B, C).

Building Block Concept

Each implementation option for an element of feasibility can be thought of as a "building block", a component of a program structure. The structure could represent all A, all B, all C or a mix of the different types of building blocks.

Underlying Assumptions of Demand Management (DM) Program:

- DM program would be run, managed, and regulated by the State of Colorado and/or through UCRC.
- DM program would yield conserved consumptive use and would be compliant with all applicable law.
- DM program would be bound by the Demand Management Storage Agreement (500,000 AF pool in Lake Powell and all other provisions).
- All projects would be reviewed to ensure compliance with applicable federal and state laws, interstate agreements, and existing programs and processes.
- Ongoing coordination with the Tribal Nations would be an important element of any potential program design.

Demand Management Workgroup		Threshold Issues / Elements of Feasibility	Implementation Option			program structure (considering interconnected issues among workgroups and equity)							
			A	B	C		All A	OR	All B	OR	All C	OR	Mix & Match
	Monitoring & Verification	...				→		OR		OR		OR	
		...											
		...											
	Education & Outreach	...											
		...											
		...											
	Environmental Considerations	...											
		...											
		...											
	Economic Impacts & Local Gov'ts	...											
		...											
		...											
	Ag Impacts	...											
		...											
		...											
	Admin & Accounting	...											
		...											
		...											
	Law & Policy	...											
		...											
		...											
	Funding	...											
		...											
		...											

*Note that Law & Policy and Administration & Accounting elements are not included in this analysis.

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DM Program Structure Matrix of Building Blocks

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DM Workgroup • Guiding Principles	Threshold Issues / Elements of Feasibility	Implementation Options			Interconnected Issues, Tradeoffs, and Equity Considerations
		A	B	C	
Timeframe and scale of DM Program		All potential options may impact or be impacted by the timeframe and scale of a DM Program.			
Monitoring & Verification (Agricultural DM Project) • Honest, accurate, transparent, and defensible • Protective of other water users • As simple, easy, and flexible as possible • Participation adds water to the Colorado River Basin – not solely a retiming of depletions	Measure water returned to stream	Bypass of diversions (streamflow and/or reservoir releases, if applicable) if the physical and legal availability can be easily determined; or estimate the amount of conserved consumptive use through moderate engineering estimates (such as reducing historical diversion rates) to protect downstream users.	Diversion of the irrigation supply (streamflow and/or reservoir releases, if applicable) into a ditch at a flume with a stage/discharge recorder, after which would be returned to the stream.	Diversion of the irrigation supply (streamflow and/or reservoir releases, if applicable) into a ditch with multiple real-time recording devices and a telemetry system to remotely monitor diversions and the measured returns of the irrigation supply to the stream.	<p>Simplifying the measurement and verification requirements may underestimate the amount of water generated for a DM project based on the need to use conservative assumptions and/or estimates.</p> <p>Increasing the measurement and verification requirements may result in increased instrumentation requirements, longer review and/or enrollment periods, and may increase program costs, but could result in greater amounts of credits/water generated for individual DM projects.</p>
	Conduct a consumptive use analysis	Use the Division of Water Resources’ Lease Fallow Tool to estimate historical consumptive use (conservatively underestimating to protect downstream users).	Complete a general site-specific potential consumptive use analysis, similar to a Substitute Water Supply Plan (SWSP), to estimate consumptive use, while considering the available diversion data and/or historical remote sensing data and/or aerial photographs.	Complete a detailed site-specific engineering analysis, similar to a water court change case, with parcel specific representative data to determine historical consumptive use and return flows.	Equity considerations include participation across diverse geographic areas, wide-spread locations within a stream system, wide-ranging ditch system complexities, and agricultural sectors/markets.
	Estimate the residual field consumptive use	Complete fallowing, removal of deep-rooted crops, and management practices to prevent inadvertent irrigation with visual inspections.	Full or split fallowing with ongoing measurement of groundwater levels and/or visual soil moisture inspections.	Split fallowing, irrigation of lower consumptive crops, or deficit irrigation with ongoing measurement of applied irrigation supplies, soil moisture, and remote sensing.	
	Maintain return flows	Bypass of diversions or the immediate delivery of both the consumptive use and return flow portions of the irrigation supply back to the stream after measurement.	Develop unit response functions (URFs) to determine the timing of delayed return flows to the stream and replace in time from legally available contracted supplies (reservoir releases or augmentation credits).	Determine the historical return flow patterns through a site-specific study and then construct and equip a recharge or infiltration pond with measurement devices near the fallowed field to maintain historical return flows in time, location, and amount.	<p>Simplifying the monitoring and verification requirements for return flow maintenance may increase participation in a DM program, but could decrease streamflow absent a supply to replace lagged irrigation return flows.</p> <p>Increasing the monitoring and verification requirements for return flow maintenance may reduce participation in a DM program, but could be more protective of streamflow by identifying a supply to replace lagged irrigation return flows.</p>
Monitoring & Verification (Transmountain DM Project)	Measure water returned to stream	Bypass of diversions if the physical and legal availability can be easily determined; or estimate the amount of conserved consumptive use using moderate engineering estimates (such as reducing historical diversion rates) to protect downstream users.	Diversion of the transmountain supply for measurement in a flume with a stage/discharge recorder, after which would be returned to the stream OR measurement of reservoir release.	Diversion of the transmountain supply with real-time recording devices and a telemetry system to remotely monitor measured returns/releases of the transmountain supply to the stream.	<p>Simplifying the measurement and verification requirements may underestimate the amount of credits/water generated attributable for a DM project based on the need to use conservative assumptions and/or estimates.</p> <p>Increasing the measurement and verification requirements may result in increased instrumentation requirements, longer review and/or enrollment periods, and may increase program costs, but</p>

*Note that implementation options A through C do not reflect the relative value or preference of any particular approach. They roughly align with varying levels of complexity, and are designed to encourage discussion about various tradeoffs relating to potential program designs.

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DM Program Structure Matrix of Building Blocks

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<ul style="list-style-type: none"> Honest, accurate, transparent, and defensible Protective of other water users As simple, easy, and flexible as possible Participation adds water to the Colorado River Basin – not a retiming of depletions 	Verify conserved consumptive use occurs on the East Slope	<p>Water user provides accounting demonstrating the reduction of West Slope deliveries for a DM activity did not result in additional West Slope diversions from another of its transmountain systems or contractual supply.</p>	<p>Water user provides accounting demonstrating the reduction of West Slope deliveries for a DM activity was offset by another East Slope supply or through a reduction in the overall demand of its customers.</p>	<p>Water user maintains double accounting records for several years to confirm that a DM activity in one year wasn't offset by retiming of future Colorado River depletions in subsequent years. This includes all reservoir accounting records and the reconciliation of carryover storage of West Slope supplies in East Slope reservoirs.</p>	<p>could result in greater amounts of credits/water generated for individual DM projects.</p> <p>Equity considerations include participation across diverse East Slope geographic areas, wide-spread locations of individual TMD projects, wide-ranging TMD system complexities, and ability to share conserved consumptive use impacts across all users within a DM participant's system.</p>
Monitoring & Verification (Process considerations for all projects)	Coordinate environmental and other benefits	<p>Qualitatively demonstrate an increase in streamflow after bypassing a transmountain diversion and/or divert, measure, and return flows to the stream.</p> <p>No additional measurement structures are required above what is deemed necessary to verify measurement of water returned to the stream.</p>	<p>Qualitatively demonstrate that temporary storage in a West Slope reservoir for a planned release bolsters non-consumptive, environmental and flow related benefits.</p> <p>Impacts and benefits evaluated qualitatively only. No additional measurement structures are required above what is deemed necessary to verify measurement of water returned to the stream and reservoir operations.</p>	<p>Quantitatively demonstrate that temporary storage in a West Slope reservoir for multi-benefit planned releases bolsters non-consumptive, environmental, and flow related benefits.</p> <p>Impacts and benefits evaluated quantitatively. Measurement needs could include flumes for measuring bypass of diversions and/or return flows; additional stream gages; measurements of water quality, etc. Accounting required to monitor a project's net effect (e.g. lagged return flow accretion timing, etc.).</p>	<p>Foregone agricultural and TMD diversions could provide additional benefits for non-consumptive uses and environmental flow needs both immediately after release and/or after temporary storage.</p> <p>Incorporating West Slope storage to manage releases of foregone agricultural and TMD diversions could maximize flexibility and bolster non-consumptive and environmental flow needs, but would result in additional evaporative losses and would reduce water generated by an individual DM project. Incorporating West Slope storage could also increase the requirements for measuring, verifying, and quantifying environmental benefits and/or impacts.</p>

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DM Program Structure Matrix of Building Blocks

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Education & Outreach <ul style="list-style-type: none"> Transparent and inclusive stakeholder engagement to shape the program Address communication gaps with message consistency, partner networks, and virtual engagement Water education at the state, regional, and local levels Include an equity lens in all engagement and communication 	Water education (to engage broad audiences)	<p>State creates detailed website resources, issues press releases, conducts interviews, and delegates many education tasks to PEPO, WEco, and other partners.</p>	<p>State partners with groups such as WEco, PEPO, educators, cooperative extension or similar entity, and universities to implement a series of education activities; implements a targeted communications plan; offers webinars to partner organizations; some new audience engagement.</p>	<p>State brings on new staff or funds education to travel statewide for strategic teaching efforts rooted in drought and water shortage knowledge; partners extensively; communicates broad scale (i.e. radio, billboards, TV) to new water audiences.</p>	<p>“Change management” is an ongoing and resource-intensive effort to evolve both the program design and the state’s attitudes towards water use.</p>
	Stakeholder engagement (to inform the program)	<p>State builds upon successes of preexisting programs. Utilizing Board and IBCC input, and updated website comment functionality, the state develops a DM program with assistance from consultants or others as needed and appropriate.</p>	<p>Leveraging the Board, Roundtables, IBCC, CWC, conservation districts, and public meetings, the State leads a public input process to inform a DM program and geography. As the program is developed, stakeholders are invited to address the CWC Board to proactively identify and discuss how the program is working from varying perspectives and geographies.</p>	<p>The state engages a broad and diverse range of stakeholders over an extended period. As the program is developed and implemented, stakeholders are invited to address the CWC Board to proactively identify and discuss how the program is working from varying perspectives and geographies. Based on this input, elements of the DM program are appropriately tailored to local needs across the state. An iterative process with evolving program options.</p>	<p>More localized programs may mean that some programs cost the state more, and other programs cost the State less. Stakeholders would need to determine whether it is fair for taxpayer dollars to be distributed inequitably for the sake of equity.</p> <p>While an evolving program structure may be desirable as a mechanism to proactively avoid or mitigate potential negative impacts, it may make it more difficult to ensure a clear, predictable process is in place.</p> <p>If a DM program is established, CWC will coordinate with other state agencies relating to conflict resolution processes available.</p>
	Program marketing (to ensure participation)	<p>State remains active in water forums like CWC; implements marketing plan as needed to target audiences; maximizes pre-existing participants. No active solicitation. Assumes participants would approach state.</p>	<p>State partners with local actors to assist with program marketing; implements proactive marketing plan to target audiences using annual allocated funds.</p>	<p>State opens local offices to be liaisons between the state and program participants; extensive marketing; maximizes new program participants. State has a role in co-developing applications with new applicants.</p>	<p>The "bang for the buck" considerations would need to be weighed by decision makers and stakeholders regarding the extent to which additional efforts yield increased program participation.</p> <p>Lower levels of marketing would limit the State's ability to educate / market for increased participation in certain geographies / sectors.</p> <p>Smaller operations, non-English speakers, and nontraditional participants such as mining or food industry would benefit from higher levels of implementation.</p> <p>Proportionality of program adoption would require active marketing and education efforts in areas with lower levels of implementation.</p>
Environmental Considerations <ul style="list-style-type: none"> Achieve a net environmental benefit over time, and across hydrologic conditions and geographies 	How potential environmental benefits and impacts are considered	<p>Environmental benefits and impacts (flow needs, affected habitat, and/or species, alignment with other plans or efforts, etc.) considered through existing review processes and frameworks.</p>	<p>Identify potential environmental benefits and impacts and associated risks for potential projects. Evaluate possibility of realizing potential benefits and mitigating potential impacts. Coordinate with other agencies to identify and track potential benefits and impacts, including CPW and others as appropriate.</p>	<p>Consider each item in a comprehensive list of potential benefits and impacts. Public stakeholder engagement could be required for large projects. This may include consultation with local entities or with a committee of experts to assess local needs and impacts. Evaluate possibility of realizing potential benefits and mitigating potential impacts. Coordinate with other agencies and local entities to identify and track potential benefits and impacts, including CPW and others as appropriate.</p>	

*Note that implementation options A through C do not reflect the relative value or preference of any particular approach. They roughly align with varying levels of complexity, and are designed to encourage discussion about various tradeoffs relating to potential program designs.

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DM Program Structure Matrix of Building Blocks

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<ul style="list-style-type: none"> Provide opportunities for projects with net environmental benefits Not harm the environment Evaluate project environmental benefits/impacts without creating an unnecessarily burdensome process for applicants Identify project impacts/benefits to environmental resources, including flow, water quality, affected habitats, etc. 	Assessing net benefit or impact	Environmental benefit or impact of a given project is assessed through existing review processes and frameworks.	List of environmental considerations evaluated qualitatively for benefits or impacts. Net benefit or impact of a project is evaluated qualitatively based on evaluation of considerations.	List of environmental considerations evaluated quantitatively for benefits or impacts. Net benefit or impact of a project is evaluated quantitatively and qualitatively based on the evaluation of considerations. Evaluate risks and tradeoffs.	More comprehensive environmental assessments could be burdensome to potential applicants as well as the State. However, greater risk of adverse impacts or lost opportunities if these assessments are not conducted.
	Strategies to incentivize benefits	No incentives provided for projects with potential environmental benefits.	Preference and/or additional monetary or program incentive given to projects with net environmental benefits.	Preference and/or additional monetary or program incentive given to projects with greater net environmental benefits. Potential partnerships with NGOs and/or local organizations to support the assessment of potential benefits.	Coordinate efforts on incentivizing benefits with local governments to streamline approval. Opportunities for collaboration on a county/local level.
	Strategies to avoid, offset, or mitigate any negative impacts	No additional strategies implemented to avoid, offset, or mitigate any potential negative impacts.	Evaluate the program as a whole for opportunities for partnership(s) to add environmental value (enhance benefits or avoid, offset, and or mitigate negative impacts). Examples: potential storage and retiming of return flows in an upstream reservoir to increase benefits and/or mitigation measures.	Evaluate specific projects for opportunities for partnership(s) to add environmental value (enhance benefits or avoid, offset, and or mitigate negative impacts). Examples: Potential partnerships with NGOs and/or local organizations to help in realizing benefits and mitigating potential impacts and provide additional funding, programs, or opportunities. Potential projects could include watershed restoration work, diversion structure improvements, etc.	These are very similar to the options for monitoring and verification. Additional mitigation measures would require additional funding. Measurement and quantification of potential environmental benefits and/or impacts would have monitoring and verification components or requirements (see Monitoring & Verification).
Economic Impacts & Local Governments <ul style="list-style-type: none"> Any program participation must be voluntary Initial goal of program should be to do no harm Program should seek to create net benefits for water users Program operations should be transparent & collaborative 	Support for municipal participants	Existing programs and funding sources are used to support municipal participants.	State consults with and provides support for municipal participants in developing projects.	State identifies other programs that may be coordinated to support municipal participation and assists in facilitating more significant conservation programs. State consults with local governmental entities to identify appropriate mitigation opportunities.	A water efficiency program is not temporary. However, it is likely to be the least disruptive option. Municipal participant may eliminate or minimize impacts on municipal water customers. However, mechanism of municipal participation and/or reliance on other water sources may impact water availability for other users.
	Municipal sector mitigation	Existing programs and funding sources are used relating to municipal sector mitigation. Municipalities may take steps to avoid secondary impacts to their customers.	State more actively works to identify and track potential secondary impacts to municipalities resulting from participation in the program. A portion of project compensation spent on mitigation efforts. Mitigation payments are made to municipalities or communities.	State sets specific protocol and mechanisms for identifying and tracking potential secondary impacts resulting from municipal participation. A larger portion of compensation spent on mitigation with a defined list of required mitigation actions dependent upon type of project activity. State partners with local governmental entities to identify appropriate mitigation opportunities.	Potential impacts to system reliability depending upon type of municipal participation. Mitigation measures taken by municipalities may have impacts outside their municipal boundaries. Municipalities with fewer resources may be less able to mitigate potential impacts on their own, resulting in areas of low socioeconomic status potentially having lower access to green spaces or other resources.

*Note that implementation options A through C do not reflect the relative value or preference of any particular approach. They roughly align with varying levels of complexity, and are designed to encourage discussion about various tradeoffs relating to potential program designs.

DRAFT

DM Program Structure Matrix of Building Blocks

DRAFT

	Consultation with local governments to track impacts and develop mitigation measures	General education and outreach to inform local governmental entities, water boards of DM program. State does not consult with municipal participants or local governments to identify, track, or mitigate potential impacts and identify potential benefits to local economies resulting from a DM Program.	State consults with program participant and/or local governmental agencies to identify potential impacts and mitigation strategies, for all types of project activity, and to identify potential benefits to local economies and communities relating to a DM Program, as well as strategies to increase benefits.	Inter-governmental Agreement (IGA) or similar framework developed to facilitate robust and iterative consultation process with local governments and other entities to address local concerns and mitigate local impacts, with specific strategy and focus on mitigating or avoiding potential adverse impacts and increasing potential benefits, for all types of project activity.	<p>Less consultation with local governments may result in increased adverse impacts that are not adequately tracked and mitigated.</p> <p>There is a varying level of resources and capacity available for local governments to facilitate coordination and mitigation efforts. This variation may affect the extent to which impacts are tracked and mitigation measures implemented across the state.</p> <p>Consultation with the Colorado Municipal League and Regional Councils of Governments may be helpful in determining appropriate parties and mechanisms for engagement.</p>
Ag Impacts <ul style="list-style-type: none"> • Equitable & proportional across state • Minimize & mitigate off-farm impacts • Program should be a structured & guided market • Program operations need to align with growing season schedules 	Agricultural sector mitigation	Existing programs and funding sources are used to promote agricultural viability.	Fund is established to provide compensation to local entity for community economic development fund. Grant program established to assist with local agricultural and economic viability.	State and partners make efforts to identify potential secondary impacts. Fund established that potentially provides compensation for mitigation, some of which is distributed to water management entity servicing property, while a portion is distributed to local/rural economic development or other appropriate organization. Additional staff time targeted at mitigating agricultural sector impacts to non-participants. Dependent on funding availability and identification of appropriate funding source.	<p>Limiting the community development fund to verifiable DM impacts would present additional complexity, but would perhaps lower costs or avoid reimbursement of economic impacts beyond the State's control; alternatively a community fund that supports projects regardless of verifiable impact would be easier to manage and generate positive community outcomes. State verification of potential impacts could be costly and difficult to accomplish.</p> <p>Assess impacts to tenant farmers and land rental prices through community outreach efforts, noting it may be challenging to distinguish DM-related impacts.</p> <p>Community impacts in sovereign Tribal Nations may require alternative structure.</p> <p>Determinations may need to be made regarding which sectors or workers receive preference in assistance.</p>
	Agricultural participant field requirements	No field requirements	State works with cooperative extension, other local agencies to establish guidelines for cover crops (for annual crops) and weed and pest control measures (for perennial crops). State partners/contracts with cooperative extension or similar entity for technical assistance and limited monitoring of compliance.	State works with cooperative extension, other local agencies to establish guidelines for cover crops (for annual crops) and weed and pest control measures (for annual and perennial crops). State provides staffing for technical assistance and monitoring of compliance.	<p>Cover cropping could add complexity to monitoring and verification of consumptive use; soil health practices such as conservation tillage could reduce Monitoring & Verification complexity; development of any mitigation guidelines would likely require input from the United States Department of Agriculture, Colorado Department of Agriculture, and cooperative extension. Cover cropping could provide additional environmental benefits; select cover crops could help offset impacts to livestock feed disruptions and provide additional revenue for the participant.</p> <p>Producers may lack knowledge of cover cropping techniques. Though cover crops may create additional costs, state may work with USDA NRCS to offset participant cost of any on-farm mitigation requirements. There may be federal crop insurance implications.</p>

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DRAFT

DM Program Structure Matrix of Building Blocks

DRAFT

	Agricultural participant assistance	Existing programs and resources in place are utilized to facilitate agricultural participant assistance to help fully realize potential benefits of participation or mitigate potential impacts.	State creates a grant or cooperative contracting program with the university cooperative extension service, conservation districts, or similar technical service providers, to offer technical assistance and help fully realize potential benefits of participation or mitigate agronomic impacts from the DM program to the participants.	State creates additional staff capacity responsible for assisting in fully realizing benefits of participation or mitigation of impacts from the DM program to the participants. Position manages a budget for technical assistance and mitigating impacts.	<p>Participants would likely need technical assistance in both navigating any potential DM in-take process and in selecting/implementing mitigation measures (e.g. cover cropping); providing the ability to grant or contract with third parties would likely reduce programs costs and address state capacity concerns.</p> <p>Producer participants familiar with working with agricultural service providers may be more willing to work with a trusted contact versus state staff.</p> <p>In addition to direct technical assistance, online information regarding any DM sign-up process or agronomic impacts and best management practices would be helpful and more accessible</p>
Process Considerations	Soliciting projects	No state solicitation	Annual grant funding for entities to identify & develop project applications	State staff support & grant funding for identifying & developing project applications	
	Application requirements	Participants are not required to submit information regarding mitigation, monitoring, or other elements with their application. No certification program due to open enrollment process.	Select mitigation & monitoring elements must have been completed or substantially planned for application.	Select mitigation & monitoring elements must have been completed or substantially planned for application. A certification process ensures that project applications meet minimum requirements.	
	Project selection process	Open enrollment (first come, first serve) for projects of any duration. No certification processes. Review is done on a project-specific basis.	Annual RFP process without any certification process. Coordination with local governments, entities, others to facilitate a “guided market” approach aimed at ensuring a program aligns with specific goals and does not create unacceptable adverse impacts (see Economic Impacts and Local Governments and Agricultural Impacts sections).	Annual RFP process with certification required. Clear protocol developed, incorporating coordination with local governments, entities, others, to establish a “guided market” approach designed to ensure the program aligns with specific goals and values and does not create unacceptable adverse impacts (see Economic Impacts and Local Governments and Agricultural Impacts sections).	Care should be taken to ensure that the timing of the application, review, and approval process align with when agricultural participants make operational decisions
	Localization and program evolution	No additional protocol put in place to localize and/or evolve a program to local needs.	Review of DM program put in place at specific milestone to consider successes, lessons learned, and stakeholder feedback. The review directly informs future program management across the state.	Regular review of the DM program to consider successes, lessons learned, and stakeholder feedback. The review directly informs program management at local level. The review is public, transparent, and available for comment.	<p>Depending on the level and scale at which programs evolve, there may be program differences (perceived as inequity) over time at the Basin levels.</p> <p>Local agencies / entities have different statutes, capacity, jurisdictions, resources, knowledge, and mobilization. Different basins can engage at different levels.</p>

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DRAFT

DM Program Structure Matrix of Building Blocks

DRAFT

Funding <ul style="list-style-type: none"> Portfolio of funding sources should be considered Costs would be influenced by many factors including program design, scale, and participation 	Range of annual costs	\$3M - \$16M Example Cost Breakdown: 10% Program Costs 90% Compensation Cost	\$5M - \$20M Example Cost Breakdown: 30% Program Costs 70% Compensation Cost	\$12M - \$30M Example Cost Breakdown: 65% Program Costs 35% Compensation Cost	Payment offered may impact who is interested and able to participate, which may affect proportionality in terms of sector and region. Compensation range reflects that some may be willing to participate at lower cost than others, and in some cases additional compensation may be available outside of state fund.
	Funding Sources	Compensation paid by State through budget reallocation	Compensation paid by State through fees	Compensation paid by State through blend of multiple sources.	

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AGENDA ITEM 9

Miscellaneous Matters

Reports

Monthly Energy Production Report

Generated for Beverly Richards
on 04/19/2021

UGRWCD

Gunnison, CO

This report provides energy production for April.

Week	Peak Power	Energy Produced
04/01/2021 - 04/07/2021	5.93 kW	310 kWh
04/08/2021 - 04/14/2021	5.93 kW	306 kWh
04/15/2021 - 04/21/2021	5.93 kW	136 kWh
04/22/2021 - 04/28/2021	0 W	0 Wh
04/29/2021 - 04/30/2021	0 W	0 Wh
April 2021 Total:		752 kWh
Previous Month Total:		1.07 MWh
Year to Date:		2.78 MWh
Lifetime Production:		17.2 MWh

Your **Carbon Offset** for this month: 1,150.0 lbs

You have offset the equivalent of: **13 Trees**



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Daily Summary for Month --> **Apr** **2021**[illegible]

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|-------------------------------------|--------------------------------|
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| Altitude Painting | Gunnison Country Shopper |
| Andrew Hadley Architect | Gunnison Country Times |
| Big Al's Bicycle Heaven | Gunnison River Festival |
| Blackline Entertainment | Heather Biery Acupuncture |
| Bliss Community Chiropractic | Interior Visions |
| Bluebird Real Estate | Irwin Guides |
| Realtor: Maggie Dethloff | Ivy Walker Studio |
| Casa Bella | Kimbire Woods Photography |
| Cement Creek Ranch | Kryptonite Creative |
| Clear Rivers Skin Care | Lucille Lucas Gallery |
| Coldwell Banker Mountain Properties | Massage Crested Butte |
| Realtors: Molly Eldridge, | Mountain Colors |
| Joe Garcia, Ryan Dickens, | Mountain Magic Media |
| Doug Kroft & Pete Nichols | Mountain Spirits Liquors |
| CORE | Mountain Tails |
| Colorado Backcountry | Munchkin's Music and Dance |
| Colorado Real Soap | Oh Be Dogful Pet Ranch |
| Creative Earth Coaching | Paragon Gallery |
| Creskide Spa | Pioneer Guest Cabins |
| Crested Butte Bike Week | Rocky Mtn. Biological Lab. |
| CB Community Yoga Co-Op | Rocky Mtn. Trees & Landscaping |
| CB Homeopath | Rooted Apothecary |
| CB Mountain Heritage Museum | Sea Level Spa |
| Crested Butte Nordic | Singletrack Maps |
| CB Property Management | Sooner Property Cleaning |
| CB Wildflower Festival | Suzanne Pierson: Artist |
| CB Ace Hardware | T-Bar International Tea House |
| Crested Butte's Personal Chefs | Midnight Gallery |
| Dog Daze Outfitters | The Mountain Store |
| The Dogwood | Third Eye Photography |
| Dragon Sheet Metal | Thrive Yoga |
| Dragonfly Anglers | Timothy White Studio |
| EastWest Econometrics | Townie Books |
| Fat Bike Worlds | Yogawrap Spine Support |

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River recreation gets an interactive forecast tool

Boatable Days tool quantifies drought's impacts

Bella Biondini
Times Intern

Ask ranchers how a drought will affect them, and some quantifiable impacts will come to mind: hay yields, head of cattle, headgates to open. Ask boaters the same question, however, and the answer is likely to be murkier.

A collaboration between American Whitewater (AW) and the Upper Gunnison River Water Conservancy District, is helping to clear that up. An online tool that has been in the works for months is almost ready for its public debut. It will give kayakers, raft guides and anglers a precise way to estimate how many days they will be able to boat their favorite stretches.

For AW and the Upper Gunnison, the "boatable days tool" will help them estimate the impacts of changing water supplies on the Gunnison Valley's recreation economy.

"It allows us to determine the impact of future projects or changes to stream flows," said Kestrel Kunz, American Whitewater Associate Stewardship Director. "I see an opportunity for water managers both locally and at the state level to use this information to better balance flows for recreation with other needs."

AW built the tool using recreational flow studies, measuring what flows users preferred to paddle and how often these flows occur. Online surveys provided baseline data.

Although American Whitewater conducted similar studies in numerous river basins around Colorado and the broader Colorado Basin, this will be the first basin with an interactive tool.

It will allow users to com-

pare the boating opportunities in different water supply scenarios.

Users can examine historical and projected scenarios and view the impacts on river condition, seeing how things like reservoir releases and climate change could affect how they have fun on rivers.

"The web tool will allow commercial anglers and rafters to be more prepared for their upcoming season," Kunz said. "It will give them a better idea of what flows are going to look like and how that is going to affect the number of commercial operating days and informing staffing."

A greater number of boatable days occur during wet years, while dry years present a greater challenge to the industry.

"Low water years are just hard," rafting guide John Covelli said. "They're hard on your customers, hard on rafting and hard on guides."

During a dry year business is crammed into a certain amount of time, shortening the season. Lower flow regimes can also lead to an increase in user conflict along the river.

Trout Unlimited Grassroots Coordinator Daniel Omasta said he hopes this tool opens the door to conservation about the restoration of riparian areas to ensure the basin has the late season flows it needs.

"There's always competing needs for limited water resources," Omasta said. "This tool helps inform the conversation and calculate trade-offs."

Climate projections show the Upper Gunnison River Basin may see 20% less water accompanied by earlier runoff and an increase in drier years, according to a report from the Upper Gunnison. Earlier runoff and decreases in water quantity over time can have significant consequences for both commercial rafting and angling outfitters.

River recreation is an important contributor to the local economy in the

Gunnison Valley. According to the Colorado River Outfitters Association, 2019 commercial rafting on the Taylor River generated almost \$5 million in total economic impacts. The town stretch of the Gunnison River followed with over \$700,000.

"It won't tell us the full story for agriculture or how Taylor Reservoir operations might change but it's one tool in the toolbox to help describe the potential impacts to recreation on the river," Omasta said.

His hope is that the tool will allow different stakeholders to come together and cooperatively find solutions to deal with less water in the system.

Upper Gunnison General Manager Sonja Chavez said she worries about the increasing pressure on water resources in the Gunnison Valley. The District is viewing these impacts in real time as more people are choosing to work from home and live in the basin.

"If we look at a dry year like 2020, that might be a representation of what our future will look like," Chavez said.

AW and the Upper Gunnison plan to integrate a climate change model into the tool in the future as an additional method of analysis. The current contract cost including public outreach, user assessment and development and the final report totaled \$7,000.

The Upper Gunnison plans to release the tool to the public in the upcoming months after sharing it with local stakeholders around the valley.

"It will be an important snapshot into how recreation opportunities are going to be impacted by drought," Kunz said. "The web tool in no way is going to solve our drought problem, but I hope that it will help us better understand the impacts."

(Bella Biondini is a Western Colorado University student. She is interning with the Times this semester.)

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GUNNISON COUNTRY TIMES

Golden wins water photo contest

Upper Gunnison settles on drought slogan

The Upper Gunnison River Water Conservancy District has selected Teresa Golden of Gunnison as the winner of its World Water Day photo contest.

Golden submitted a selection of photos taken in the Gunnison Valley, including one of an eagle flying over the Gunnison River, another of two moose in Taylor Park Reservoir and another of bighorn sheep at the river's edge. Golden was awarded gift cards to Gene Taylor's and The Dive in Gunnison.

World Water Day is celebrated annually on March 22 and was first held in 1993 as a day of observance by the United Nations focusing on the importance of freshwater worldwide. Each year a theme is chosen for the day of celebration and this year's theme is "Valuing Water."

"Teresa's photos are beautiful examples of how much we value our reservoirs, rivers and streams in this valley," said



Teresa Golden

Courtesy

Sonja Chavez, general manager of the Upper Gunnison.

The Upper Gunnison also selected Judy Bratcher of Lake City as the winner of its drought slogan contest. Bratcher's winning submission is "Water, it doesn't grow on trees!" Bratcher's slogan, along with a new graphic of a tree with water droplets instead of leaves, will be printed on yard signs, water bottles, stickers and bags.

"We all thought Judy's slogan was a catchy way to get across the point that water is a limited resource for us and that we can't behave like it grows on trees," said Chavez. "Hopefully, with this messages being posted all over the valley, it will be a regular reminder for us all to be mindful of our water use, especially during this time of drought, and that we can all be Upper Gunnison water heroes."



Bull and cow moose at Taylor Park Reservoir.

Teresa Golden



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BRIEFS

Upper Gunnison aims for 7A funds

A proposal put forth by the Upper Gunnison River Water Conservancy District will be, if successful, the second project to be funded with the ballot measure 7A tax increase passed by Western Slope voters in November.

The proposal, titled "the 2021 Upper Gunnison River Restoration and Irrigation Infrastructure Improvement Project" would consolidate two diversions on the Gunnison mainstem into one.

The project received a letter of support from Gunnison County commissioners last week and the Upper Gunnison planned to submit the application to the Colorado River District this month.

According to an update Upper Gunnison General Manager Sonja Chavez provided to her board, the project hits all of the project priorities laid out by the River District for 7A projects.

The Upper Gunnison would be the first River District constituent to receive funds and the second project for 7A funds overall. The first 7A project funded was the Windy Gap Bypass Project on the Colorado River in Grand County. That project received \$1 million in taxpayer support through 7A. In contrast, the Upper Gunnison is requesting only \$47,241 in funds from the ballot measure for the Gunnison River project.

City investigates server security

Gunnison City Council this week agreed to commit \$13,000 for a forensic investigation after Microsoft reported a vulnerability in its software.

According to IT Director Mike Lee, bad actors could have taken advantage of weaknesses in the system, allowing them to access the server with elevated credentials. Those credentials could also install software allowing for future access to the city's network.

"Microsoft had what's called a 'zero-day' vulnerability which means it was known to be exploited by the time they actually got a fix out to people," said Lee. "There were tens of thousands of servers already attacked."

The city's insurance carrier, the Colorado Intergovernmental Risk Sharing Agency, has recommended action on the potential breach and will cover a portion of the investigation.

January sales still strong

The month of January showed strong numbers for county sales tax and lodging figures. January this year showed an increase of 11.54% in taxable sales compared to the same month in 2020. Those numbers are still strong considering that the gains posted from 2019 to 2020 show a 15.9% increase. Total county revenues showed an increase of 10.45%. That figure is down from a 24.45% gain over 2019 this past year.



Sam Liebl

Fading light on Fossil Ridge

Looking east from Beaver Creek, the peaks near Pitkin dwarf Signal Peak and hills conceal Gunnison.

County hires Guerra as CFO

Interim finance position becomes permanent



Guerra

Gunnison County has hired Juan Guerra to serve as the county's new Chief Financial Officer, effective immediately. Guerra previously held the position of Gunnison County Interim Finance Director from January-March 2021.

As Director for the Finance and Human Resources Department, Guerra will oversee the Finance and Human Resources Programs, and he will report directly to County Manager Matthew Birnie.

"We are excited to welcome Juan to our executive team at

the county. It is exciting to add a professional of Juan's caliber and experience to our talented leadership team, and we look forward to his leadership in the financial and human resources arenas," Birnie said.

Guerra was born and raised in Chicago and served in the U.S. Marine Corps from 1996-2000, and again in 2002. As an honorably discharged U.S.

Marine veteran, Guerra started his career in municipal government. He quickly became a finance director in the cities of La Feria, Texas and Sherman, Texas and then was an accounting manager for the City of Fort Worth. He then spent 13 years with the City of Pharr, Texas holding the roles of finance director, chief financial officer, international bridge director and city manager. Guerra was city manager for the City of Edinburg, Texas from 2018-2019.

During his municipal career, Guerra received awards for financial reporting and budgeting, brought a city back from the verge of bankruptcy, greatly improved the fiscal health of cities he managed, reduced property tax rates, doubled park acreage, oversaw a 20% decrease in the Edinburg crime

rate, improved the city's industrial, commercial, residential and trade growth, implemented diversity in his leadership teams, increased community outreach programs and changed the culture in city hall through the leadership traits and principles programs he implemented.

Guerra has received leadership training from the U.S. Marine Corps and government performance training from Harvard. He has a masters in business administration, is a licensed certified public accountant, a certified public manager and is certified government finance officer.

Guerra's hobbies are jogging, exercising, climbing mountains, and he is a proud father of four children.

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SHOP FOR LEASE 1920 square foot shop for rent with updated electrical, new 14' x 10' garage door & new forced air heater. This shop would make a great woodshop, welding or fabrication, or interior storage for campers & boats; 43188 Highway 50 Unit B; \$2,200/month.

38 ACRES located 30 minutes from Gunnison and 15 minutes from Elk Creek Marina at Blue Mesa Lake. Off-grid area with no covenants; 12050 County Road 26; \$49,000.

SUMMER GETAWAY 3 bdrm/1 bath seasonal cabin overlooking Blue Mesa! Open kitchen & living room with views of the West Elks. Great storage/basement too; 437 Cove Road; \$248,000.

4 CITY LOTS on the corner of Rio Grande & S. 14th. Great potential for a shop or storage. Lot is .43 of an acre with city electricity & water and sewer available; 681 S. 14th St; \$425,000.

MOVE-IN READY

4 bdrm/2 bath home near the schools features a huge master suite with double sinks, two living rooms, airlock entryway, deck, new metal roof & is fenced with a firepit; 402 N. 7th St; \$315,000.

NEW PRICE Industrial lots with a warehouse located near the airport. Features a 1,200 square foot warehouse with a fence, driveway with electricity and natural gas to the building; 17 Rickert St; \$239,000.

1/4 ACRE BUILDING SITE in North Valley right next to Cranor Hill ski area with amazing views of the Ohio Creek Valley and ranchlands to the north. Ready for you to build your new house; 105 Sequoia Drive; \$65,000.

NEW LISTING 3 bdrm/1 bath home on corner lot features 2nd floor, updated bathroom & kitchen, and is on a 1/4 acre lot with potential to develop the 2 additional lots or enjoy additional yard space; 214 W. Denver; \$445,000.

PRICE REDUCED Huge off-grid house in Gunnison & Saguache includes 2100sf of living area & 2100sf of garage/shop space. 103 acres, 3 bdrm/2.5 bath, open kitchen/dining, built in 2005. Very private, hunting unit 67, covered porch, RV parking; 45800 County Road 42; \$795,000.

NEW LISTING Custom log home on nearly 20 acres features 3 bdrm/2 bath, new boilers with in-floor heat, sprinkler system & new LED lighting. Private location with wildlife viewing from your front porch. Energy efficient, low maintenance with carport & storage. 5200 County Road 887; \$875,000.

POSSIBLE OWNER FINANCING Corner, level building site in the coveted North Elk Meadows neighborhood about 3 miles north of downtown with open views of Carbon Peak; 2555 Meadow Lark Trail; \$138,500.

QUALITY CRAFTSMANSHIP 3 bdrm/2 1/2 bath home situated on 2.3 acres with unobstructed views to the south and storage & loading sheds. Well-appointed kitchen with granite counters, open living/dining concept, over 2,000 sq ft of interior space, deck overlooking your horse pasture; 561 Terrace; \$545,000.

1103 CINNAMON TRAIL 3 acres for \$20,000! Positioned between two other cabins with good space between the parcels, flat ground so you don't have a lot of excavating costs. Subdivision allows for camping 4 weeks at a time, beautiful area with community clubhouse & pond.



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Upper Gunnison District Names Bratcher as Winner in Slogan Contest

Upper Gunnison River Water Conservancy District has selected Judy Bratcher of Lake City as the winner of their Drought Slogan Contest. Judy's winning submission is "Water, it doesn't grow on trees!" Judy's slogan, along with a new graphic of a tree with water droplets instead of leaves, will be emblazoned on promotional products such as yard signs, water bottles, stickers and bags.

"We all thought Judy's slogan was a catchy way to get across the point that, water is a limited resource for us and that we can't behave like it grows on trees," says UGRWCD General Manager Sonja Chavez.

"Hopefully, with this messages being posted all over the valley, it will be a regular reminder for us all to be mindful of our water use, especially during this time of drought, and that we can all be Upper Gunnison Water Heroes."

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World Water Day is celebrated annually on March 22nd and was first held in 1993 as a day of observance by the United Nations focusing on the importance of freshwater worldwide. Each year a theme is chosen for the day of celebration and this year's theme is "Valuing Water."

"Teresa's photos are beautiful examples of how much we value our reservoirs, rivers and streams in this valley," Chavez noted.

UGRWCD will seek volunteers to help distribute promotional products throughout the water district later this spring. Individuals wishing to assist, contact the district at (970)641-6065.

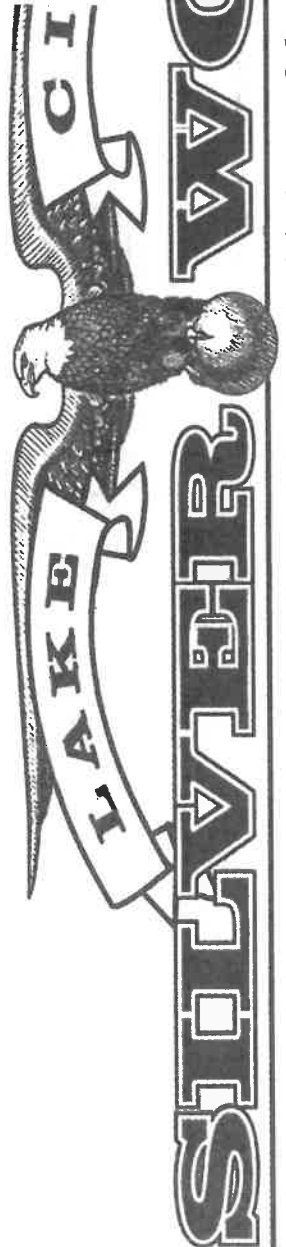
WANTED LAND OWNER PERMIT

WANTED LAND OWNER PERMIT for archery elk on Unit 66 Contact Bob 717-632-4081

LOTS FOR SALE

PRIME LAKE CITY LOCATION, DOWNTOWN CORNER LOTS, WATER ON TWO STREETS, GROOMED FOR IMMEDIATE CONSTRUCTION. RETAIL OR COMMERCIAL OR RESIDENCE WITH RETAIL AND/OR COMMERCIAL. 150k, FSBO 281-630-2286.

75¢



11-1 ***** AUTO 5-DIGIT 81230
Upper Gunnison River Water Cons Dist
210 W Spencer Ave Ste 8
Gunnison CO 81230-2543

Water district announced winners of World Water Day photo and slogan contests

The Upper Gunnison River Water Conservancy District (UGRWCD) has selected Teresa Golden of Gunnison as the winner of its World Water Day Photo Contest. Teresa submitted a selection of photos taken in the Gunnison River valley including one of an eagle flying over the Gunnison River, another of two moose in Taylor Reservoir and another of big horn sheep at the river's edge, to name a few. Teresa was awarded gift cards to Gene Taylor's and The Dive in Gunnison.

World Water Day is celebrated annually on March 22 and was first held in 1993 as a day of observance by the United Nations focusing on the importance of freshwater worldwide. Each year a theme is chosen for the day of celebration and this year's theme is "Valuing Water."

"Teresa's photos are beautiful examples of how much we value our reservoirs, rivers and streams in this valley," said Sonja Chavez, general manager of the UGRWCD.



PHOTO BY TERESA GOLDEN

The UGRWCD also selected Judy Bratcher of Lake City as the winner of its Drought Slogan Contest. Judy's winning submission is "Water, it doesn't grow on trees!" Judy's slogan, along with a new graphic of a tree with water droplets instead of leaves, will be printed on promotional products like yard signs, water bottles, stickers and bags.

"We all thought Judy's slogan was a catchy way to get across the point that water is a limited resource for us and that we can't behave like it grows on trees," said Chavez.

"Hopefully, with this messages being posted all over the valley, it will be a regular reminder for us all to be mindful of our water use, especially during this time of drought, and that we can all be Upper Gunnison Water Heroes."

The UGRWCD will be seeking volunteers to help distribute the products throughout the District later this spring. If you'd like to help, please call the District at (970) 641-6065.



COURTESY PHOTO

LIV

1610 RED MOUNTAIN

CHANNING BOUCHER

4 BD | 4 BA | 5,420

Arguably one of the best locations in the Upper Gunnison Valley with panoramic views

AGENDA ITEM 10

Citizens Comments

AGENDA ITEM 11

Future Meetings

FUTURE MEETINGS/EVENTS

- ▶ Legislative Committee Meeting - April 30, 8:00 AM
- ▶ Legislative Committee Meeting - May 7, 8:00 AM
- ▶ Taylor Local Users Group Meeting - May 7, Noon
- ▶ Watershed Mgt. Planning Committee Meeting - May 10; 1:30 PM
- ▶ Legislative Committee Meeting - May 14, 8:00 AM
- ▶ Legislative Committee Meeting - May 21, 8:00 AM
- ▶ UGRWCD Board Meeting - May 25th in LAKE CITY, Noon
- ▶ Legislative Committee Meeting - May 28, 8:00 AM
- ▶ Deadline for Applications for Board - May 28, 5:00 PM
- ▶ Legislative Committee Meeting - June 4, 8:00 AM
- ▶ Executive Committee Meeting - June 7, 10:00 AM
- ▶ Gunnison River Festival - June 11-13th
- ▶ UGRWCD ANNUAL MEETING - June 28, 5:30 PM

AGENDA ITEM 12

Summary of Action Items

AGENDA ITEM 13

Adjournment