



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 – ANNUAL MEETING

Monday, June 28, 2021 at 5:30 p.m.

UGRWCD Offices, 210 W. Spencer Ave, Suite B, Gunnison, CO 81230

MISSION STATEMENT

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

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| 5:30 p.m. | 1. Call to Order |
| 5:31 p.m. | 2. Agenda Approval |
| 5:33 p.m. | 3. Administration of Oath of Office for Julie Nania by Judge Steven Patrick |
| 5:40 p.m. | 4. 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. <ul style="list-style-type: none">• Approval of May 25, 2021 Minutes• Consideration of Operating Expenses• Consideration of Non-Operating Expenses |
| 5:45 p.m. | 5. Election of Officers |
| 5:50 p.m. | 6. Consideration of Resolution Appointing Financial Officers |
| 5:55 p.m. | 7. Re-authorization of Standing Committees |
| 6:00 p.m. | 8. Presentation by David Gochis, National Center for Atmospheric Research (NCAR) |
| 6:30 p.m. | 9. BREAK |

- 7:00 p.m. 10. General Manager and Committee Reports**
- Treasurer's Report
 - Watershed Management Planning Committee
 - Education & Outreach Update
 - Taylor Local User's Group Update
 - June 9th Meeting Summary
 - Basin Water Supply Information June 2021
 - Taylor Park Reservoir Operations
 - Aspinall Unit Operations
 - Drought Conditions
 - Streamflows
 - Scientific Endeavors
 - Gunnison River Festival
- 7:30 p.m. 11. Upper Gunnison District Demand Management Statement of Understanding Update**
- 7:40 p.m. 12. Miscellaneous Matters**
- UGRWCD Board Retreat Update
 - Gunnison Energy Production - Solar Panels
 - Current Gunnison River Spreadsheet
 - Newspapers and Other Water Articles
- 7:50 p.m. 13. Citizens Comments**
- 7:55 p.m. 14. Future Meetings**
- 8:00 p.m. 15. Summary of Meeting Action Items**
- 8:05 p.m. 16. 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

Administration of Oath of Office

STATE OF COLORADO

)

) s.s.

OATH OF OFFICE

COUNTY OF GUNNISON

)

I, **Julie Nania**, do affirm that I will support the constitution of the United States, the constitution of the state of Colorado, and the laws of the state of Colorado, and will faithfully perform the duties of the office of Director of the Upper Gunnison River Water Conservancy District upon which I am about to enter to the best of my ability.

.

I do further swear and affirm that I am a citizen of the United States and a qualified elector of the State of Colorado and reside within the confines of the Upper Gunnison River Water Conservancy District.

Julie Nania

Subscribed and sworn to before me this 28th day of June, 2021 by

J. Steven Patrick
District Judge

AGENDA ITEM 4

Consent Agenda Items

**Upper Gunnison River Water Conservancy District
Regular Board Meeting Minutes
Tuesday, May 25, 2021**

The Board of Directors of the Upper Gunnison River Water Conservancy District conducted a regularly scheduled meeting on Tuesday, May 25, 2021 at 12:00 Noon in the District offices, 210 West Spencer Avenue, Suite B, Gunnison, CO, 81230.

Board members present: Joellen Fonken, Rebie Hazard, Julie Nania, Bill Nesbitt, Michelle Pierce, John Perusek and Don Sabrowski.

Board members absent: Rosemary Carroll, Stacy McPhail and Andy Spann

Also present:

Sonja Chavez, General Manager
Emily Halvorson, Colorado Department of Law
Paul Jones, Upper Gunnison Basin Meadow & Riparian Restoration Project
Sam Liebl, Gunnison Country Times
John McClow, General Counsel
Beverly Richards, Water Resource Specialist
Jill Steele, Accountant/Office Manager
Sue Uerling, Administrative Assistant

1. CALL TO ORDER

President Michelle Pierce called the meeting to order at 12:00 Noon.

2. AGENDA APPROVAL

Director Joellen Fonken moved and Director Bill Nesbitt seconded approval of the agenda as circulated. The motion carried.

3. CONSENT AGENDA ITEMS

Director Bill Nesbitt moved and Director John Perusek seconded approval of the consent agenda items. The motion carried.

4. LEGAL AND LEGISLATIVE MATTERS

General Counsel John McClow reported that the Colorado legislature will adjourn this session at midnight on June 12, 2021.

John referenced his reports circulated in the Board packet about the 1975 Taylor Park Reservoir Operations and Storage Exchange agreement and the Taylor Park Reservoir Second Fill Decree. He noted that the exchange agreement will need to be renewed in 2025 and that he has started discussions with the Colorado River Water Conservation District, the Uncompahgre Valley Water Users Association (UVWUA), and the U.S. Bureau of Reclamation about the renewal agreement. Director Julie Nania commended John on being proactive on the renewal agreement since this type of negotiation takes so long to complete.

5. PRESENTATION BY JASON ULLMAN, CO DIVISION OF WATER RESOURCES

Jason Ullmann, Assistant Division Engineer with the Colorado Division of Water Resources, gave a presentation about recent changes to the administration of a water call by the Gunnison Tunnel. After an overview of the history of the Gunnison Tunnel, Taylor Park Reservoir, Blue Mesa Reservoir and Crystal Dam, Jason explained that the call procedure was scrutinized in 2018 after questions were raised by the UVWUA and UGRWCD Boards about whether or not there would be a call. Jason summarized that releases from Aspinall Unit storage are used for power generation or to meet Aspinall Unit Re-Operations Record of Decision target flows, and become streamflow available for appropriation. He said that if water available for appropriation flows over the Gunnison Tunnel diversion dam the Tunnel cannot place a valid call unless a legal mechanism is put in place in the future that creates a legal use for that water. Director Bill Nesbitt said this information was great to hear and to see on Jason's presentation. Director Don Sabrowski asked if a call could be made from the Gunnison Tunnel for the Black Canyon and locations below for fish habitat. Jason said that while it is beneficial to have enough flow for the fish through the canyon, the Environmental Impact Statement Record of Decision issued in 2012 is not a water right, so there is no legal basis for such a call. John McClow stated that the Black Canyon water right is subordinate to Upper Gunnison water rights. Jason explained that for the Uncompahgre Valley, the only reservoir available for storage is the Ridgeway Reservoir. Director Joellen Fonken asked if there were plans to build any other storage reservoirs on the western slope and Jason said that this would be a better question for someone else in the Division.

6. GENERAL MANAGER AND COMMITTEE REPORTS

A. Treasurer's Report

Treasurer Bill Nesbitt reported that things are pretty "sleepy" in the bond market. He stated that the District tries to earn at least one percent each month in interest on its investments but

that this may be hard to do as some of the District's higher paying notes are coming due. He reported that District did recently make a trade in the amount of \$500,000 for a Farmers Home Administration (FmHA) note per the motion made at the last meeting. Bill said that CD rates are down even further than the last meeting.

General Manager Sonja Chavez reported that Paul Miller will begin the annual District financial audit on June 7th.

B. General Manager's Report

General Manager Sonja Chavez referenced the committee reports and updates included in the packet. Sonja said that the seal coating for the parking lot will take place later this summer and that no official date has been provided by the contractor.

C. Watershed Management Planning Committee Update

Sonja reported that the Outcalt No. 2 contracting documents are just about finalized and ready to go to the Colorado River District. She said the floodplain analyses done by Applegate shows that we are "under the critical threshold" for a permit. Sonja regretfully informed the Board that WMP Coordinator Dan Omasta will be leaving CO Trout Unlimited (CTU) to take a new position with the Great Outdoors Colorado (GOCO) and that he will be missed. She said that CTU will be naming Dan's replacement soon and the District can then determine whether to continue the WMP Coordinator contract with his replacement or sever the contract and see if there is anyone else out there qualified and interested in taking the WMP forward.

D. Grant Committee

Water Resource Specialist Beverly Richards reported that for the 2021 Grant Program, the District received a total of 19 grant applications and awarded funds to 17 of those applicants. The total amount awarded for 2021 was \$191,685.77 bringing the grand total for grants awarded since the inception of the program to over \$1.64 million for 118 projects. The District has now contracted with 10 of the 19 awardees in 2021.

E. Education & Outreach Update

Administrative Assistant Sue Uerling reported that promotional products have all been received and asked Board members to take supplies of yard signs and flyers/posters with the drought message for use at their homes and businesses to spread the message. She has also contacted the Chamber of Commerce and city and county governments to arrange for placement of the yard signs and flyers/posters throughout the District. The reusable shopping

bags, water bottles and stickers will be given to the participants of the Gunnison River Festival and any leftovers will then be distributed to other applicable locations.

Sue said Sonja recorded four new radio ads which have begun running on KEJJ and its sister stations and the new underwriting message is also running on KBUT. The drought article written by Sonja and the full-page color ad will be published in the *Gunnison Country Times'* Summer Magazine which will hit newsstands later this week.

Water Resource Specialist Bev Richards reported that the new framework and navigation for the District's website is working well and that she and Sue feel pretty confident about making most updates in-house now. The District did receive an invoice from Rob Strickland of Midnight Marketing for more than the original bid for his technical expertise with the structure, as was anticipated.

Sonja introduced Alexander "Alex" Baca, her son, who has been hired as a marketing intern for the District for the summer. Alex's duties will be to assist with the distribution of drought marketing materials, photography and videography, establishing a District Instagram account geared towards the younger adult and youth markets and to help with field work as needed. Bev and Sue will supervise Alex. Director Joellen Fonken noted that she will be keeping Alex busy at the Gunnison River Festival.

President Michelle Piece asked if anyone from the Lake City had reached out to the District about the drought marketing. Sonja reported that she had sent a water supply forecast to Joanne Fagan but had not heard directly from anyone at Hinsdale County. Michelle offered to follow-up to see if the District can help with water conservation outreach in Hinsdale County.

Director Joellen Fonken asked if anyone knew who painted the water message on the electrical box on Highway 135 at Riverland and noted that it would be great to have such messages painted around the county.

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

Director Don Sabrowski briefly reviewed the TLUG summary from the May 7, 2021 meeting stating that the group is still agreeing to be more conservative with early water releases to hopefully save some for later use. Don said the group decided to wait until the next BOR Report to be given at the June 9th TLUG meeting to make any changes to the current flow requests. Don said that if flows continue to fall, it will just mean that releases will have to be reduced sooner than later and that it is always a moving target. Sonja noted that Dave Gochis of the National Center for Atmospheric Research sent her their data that shows that total inflow projections are holding steady for the time being.

G. Basin Water Supply Update

Water Resource Specialist Beverly Richards reported that drought conditions improved statewide since the last Board meeting primarily due to good late season snows and recent rains on the front range. However, in a recent webinar she attended, it was reported that conditions are NOT expected to continue to improve, and that western Colorado will still be in drought conditions throughout the summer. The precipitation forecast calls for a 33 percent chance that rainfall will be below normal for summer. Utah, Arizona and New Mexico are looking particularly dry. By end of year, Blue Mesa is predicted to be at only 37 percent full and Taylor will only be at 77 percent full. Streamflows are predicted to be between 36 and 77 percent of average.

General Manager Sonja Chavez reported that she met with Vern Tharp of Western States Water Partnership about the installation of a Doppler Radar unit in the District. After looking at several possible sites, Vern said that they selected a site at Blue Mesa on County Road 32A just past the Lake City Bridge. Sonja said Gunnison County is onboard to serve as the local sponsor and that it will be installed in the fall at no cost to us. Western States Water Partnership will purchase, operate and maintain the doppler radar system and the District and others in the County will test data display tools. The Gunnison County airport and others will also utilize the data.

H. Scientific Endeavors

In Director Rosemary Carroll's absence, Manager Sonja Chavez reported that she has had communications with Colorado Natural Heritage Program about re-doing basin wetland inventory including mapping and field verification, (possibly in partnership with RMBL or others) and another Boulder-based company about rapid assessment of fluvial hazards. She said the USGS, NOAA and other groups of hydrologic and atmospheric scientists are working on similar efforts. Sonja said she will also coordinate with Director Stacy McPhail and Director Julie Nania about getting a bid from JW Associates.

I. Long Lake Stakeholders Work Group Update

General Counsel John McClow spoke with the coordinator of the Long Lake work group and he is now getting meeting notices and updates for the group and will participate in future meetings.

J. Gunnison Basin Roundtable (GBRT)

Director Julie Nania reported that there were updates made to the Gunnison Basin Implementation Plan (GBIP) and that with these updates, there are now projects totaling over one billion dollars on the GBIP list. At the last meeting, there was a presentation on Forest Health as consultants from the CWCB researched forest health issues as they relate to water. Julie said the CWCB found the same results as the WMP – that forest health is a vital part of watershed health. It was reported at the meeting that 220 groups are working on some aspect of forest or watershed health and each group has its own focus. Julie said that climate changes are definitely impacting our forests, but the changes are a little unclear and more scientific data is needed to make good decisions. The costs of assessing fires, floods and runoff all come with big price tags and costs will be rising. Julie reported that grants were awarded to Colorado Ag Water Alliance in the amount of \$4,500 for outreach and to the Lake Irwin project in the amount of \$20,000 (partial funding) for research to help with scoping.

Director Joellen Fonken asked if there is always a grant cycle from the GBRT and Director Nania said that grants are accepted four times a year at times coinciding with CWCB grant funding.

K. Gunnison River Festival (GRF) Update

Director Joellen Fonken handed out what she referred to as the “bible” of the GRF. She noted that on pages 2 and 6, there are opportunities to volunteer or participate in the festival, and she encouraged the Board to be involved. The GRF needs someone to man the grill following the raft and kayak races on the Taylor on Friday, June 11th. John McClow volunteered his services. Joellen announced that this year there will be a new “run for fun” at Van Tuyl Park on Sunday morning, June 13th at 10 a.m. Participants can walk or run. Joellen offered GRF hats to the Board. Joellen noted that the barbecue on Friday night will be held at Campfire Ranch with the band starting about 6:30 p.m. All sponsors will be recognized and Joellen has arranged for intern Alex Baca to videotape the festivities. High Alpine Brewery will be giving out 30-ounce Growlers of beer. Joellen said that since it is a campground, quiet hours begin at 10 a.m. and festivities will need to be wrapped up before then.

General Manager Sonja Chavez encouraged Board members to come to the barbecue and wear their embroidered UGRWCD shirts. She also reported that the Colorado River District will give its “State of the River” report on June 10th via remote meeting.

L. Upper Gunnison Basin Wet Meadow & Riparian Restoration Project (Wet Meadows) Report

Coordinator Paul Jones referenced his report circulated in the Board packet. Paul said he will have a five person crew this year and they have a goal of tripling output by building 570 structures, which would restore 30 acres of wetlands along nine miles of streams. They are working on their scheduling at this time, with the crew leader to begin in June and the rest of the crew starting work in July. Paul and his crew will be providing a tour of some of their projects at the Gunnison River Festival.

8. UPPER GUNNISON DISTRICT DEMAND MANGEMENT STATEMENT OF UNDERSTANDING: DRAFT REVIEW

General Counsel John McClow referenced the draft document in the packet. John reported that he will be working on a couple of points of clarification related to compact administration. Kevin Rein said he can't administer what he can't measure but, his desire to develop measurement rules is not directly related to Compact administration. The rule making process requires public input and he feels that it must occur in person and not virtually. John noted that some of the other divisions don't have the capacity that our District does to measure diversions.

President Michelle Pierce asked if it is the CWCB's intent that our District should respond to the Demand Management Framework and what sort of response are they looking for? Will the District reach a point where this statement will be approved and how will it be used?

General Manager Sonja Chavez said that Kathleen Curry has asked for a statement from the District. Sonja also noted that it would be beneficial for staff and Board to have a statement adopted that reflects the District's position on Demand Management since it is likely that we will continue to be asked about this.

Director Julie Nania suggested focusing on some of the practical pieces of the framework , specifically funding and shepherding. Director Joellen Fonken asked if it would be helpful to use the Yampa's statement to work from, but John said Yampa's is very broad and that a lot of what was included in their statement is already in the framework.

John said one of the biggest issues he sees is that the since the program is totally voluntary, how then can it be totally equitable? President Pierce said it will be very helpful to have the District's position articulated. Director Nania said that it would be important to address the framework for both sides of the continental divide. Sonja said that John will make a couple of clarifications and re-present the statement to the Board for review at the next meeting

9. MISCELLANEOUS MATTERS

General Manager Sonja Chavez referenced the article about Lake Powell's low elevation that was emailed to the Board. The latest forecast for low inflows triggered the need to plan for how

to keep Lake Powell levels above 3,525 feet above sea level. If lake levels fall below this point, parties may implement drought response operations. Lake Powell must have a storage elevation of at least 3490 feet above sea level to generate power. General Counsel John McClow said that special releases could be required from the Glen Canyon dam and that the Flaming Gorge and Aspinall units could also be subject to adjustments to supplement storage in Lake Powell. John said that they could also elect to buy power in the open market. He said one of the biggest concerns is if Lake Powell is not able to generate power, they will have a substantial loss of revenue which pays the overhead of the CRSP system and several environmental programs. John said that Lake Powell has never not been able to generate power since it was filled in the early 1960s.

General Manager Sonja Chavez asked for input about the UGRWCD Board retreat. She wondered if it would work to start early, around 4 p.m. and do a very short Board meeting followed by a tour of an on the ground project with dinner to follow. General Counsel John McClow reminded the Board that even if it is called a “Board retreat,” if more than three Board members are present and public business is discussed, it is considered a public meeting and the public must be given notice and have the right to attend. Sonja asked Board members to please weigh in with their suggestions for how best to have a retreat.

Director Bill Nesbitt asked if members of the District will be attending the Colorado Water Congress Summer Conference. The 2021 Summer Conference will be in Steamboat at the Steamboat Grand, beginning on Tuesday, August 24 and ending Thursday, August 26. Bill highly encouraged Board members to consider attending.

Sonja shared pictures from the field site visits that she and Bev Richards took with Applegate Group engineers.

10. CITIZEN COMMENTS

No comments were brought forth.

11. FUTURE MEETINGS

See schedule in Board Packet.

12. SUMMARY OF ACTION ITEMS

General Manager Sonja Chavez will continue to research possibilities for a location and timeframe for a Board retreat.

General Counsel John McClow will make some clarifications to the UGRWCD demand management framework statement and re-present this to the Board for review.

13. ADJOURNMENT

President Michelle Pierce adjourned the May 25th, 2021 meeting at 2:20 p.m.

Respectfully Submitted,

John Perusek, Secretary

APPROVED:

Michelle Pierce, President

Upper Gunnison River Water Conservancy District

Budget Summary 2021

	May	Year to Date	2021 Budget	% Received or Expended	\$ Remaining in Budget
Revenues					
General property	\$ 315,886	\$ 984,134	\$ 1,347,248	73.05%	\$ 363,114
Specific Ownership	8,202	39,348	65,000	60.54%	25,652
Pen. & Interest on Taxes	11	43	3,300	1.32%	3,257
Interest on Investments	61	1,385	52,500	2.64%	51,115
Water Quality Monitoring	-	-	-	-	-
Lake San Cristobal Water Activity Enterprise	-	12,268	12,268	100.00%	-
Gunnison County	-	12,815	12,815	100.00%	-
National Park Service	-	-	7,839	0.00%	7,839
Skyland Metro District	-	1,393	1,393	100.00%	-
Total Water Quality Monitoring	-	26,476	34,315	77.16%	7,839
Aspinall Water Sales	-	-	19,885	0.00%	19,885
Aspinall Augmentation Late Fee	14	54	-	-	(54)
Aspinall Unit Admin Fee	170	3,570	-	-	(3,570)
Aspinall Water Sales - Other	460	19,712	-	-	(19,712)
Total Aspinall Water Sales	644	23,336	19,885	117.35%	(3,451)
Cloud Seeding Program - Passthrough	-	23,750	93,750	25.33%	70,000
Wet Meadows Project - Passthrough	5,000	10,000	388,000	2.58%	378,000
Watershed Management Planning - Passthrough	-	29,104	174,000	16.73%	144,896
Miscellaneous (GRF Reimbursement to UGRWCD)	6,283	8,964	1,000	896.40%	(7,964)
Unspent Funds from Previous Year	-	-	32,325	0.00%	32,325
TOTAL REVENUES	\$ 336,086	\$ 1,146,541	\$ 2,211,323	51.85%	\$ 1,064,783
Expenditures					
GRF Expenses to Reimburse	\$ -	\$ 5,000	-	-	-
Operating	-	-	-	-	-
Administrative Salaries	\$ 26,303	\$ 131,515	\$ 315,635	41.67%	\$ 184,120
Staff Salaries	16,238	65,272	154,061	42.37%	88,789
Payroll Taxes	3,386	15,660	36,495	42.91%	20,835
Employee Benefits	-	-	-	-	-
Medical Insurance	3,002	17,178	34,425	49.90%	17,247
Colorado Retirement Association	2,663	12,754	31,002	41.14%	18,248
Workers Comp. Ins.	1,834	4,824	5,000	96.48%	176
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	7,499	35,065	79,427	44.15%	44,362
Public Outreach	-	305	-	-	-
Website Updates	2,474	2,474	1,000	247.40%	(1,474)
Public Education/Advertising	7,764	8,534	12,000	71.12%	3,466
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	10,238	19,006	34,000	55.90%	14,994
Audit and Accounting	35	165	7,500	2.21%	7,335
Utilities and Assoc. Dues	-	-	-	-	-
Condo Association Dues	550	2,750	6,600	41.67%	3,850
Utilities	-	2,283	2,196	103.94%	(87)
Office Cleaning	-	-	4,600	0.00%	4,600
Utilities and Assoc. Dues - Other	-	-	-	-	-
Total Utilities and Assoc. Dues	550	5,033	13,396	37.57%	8,363
Bonding and Insurance	-	-	-	-	-
Board of Directors' Bond	-	-	110	0.00%	110
Gen. Liab/Pub. Off/ Exc. Liab.	100	100	8,168	1.22%	8,068
AD&D	1,594	1,594	1,595	99.94%	1
Bonding for Persons with Access to Funds	-	401	401	100.00%	0
Bonding and Insurance - Other	-	-	-	-	-
Total Bonding and Insurance	1,694	2,095	10,274	20.39%	8,179
Office Telephone	283	4,581	7,110	64.44%	2,529
Office Equipment	-	-	-	-	-
Furniture	260	260	1,000	26.00%	740
Computer Purchase	2,919	2,919	4,000	72.97%	1,081
IT Support/Computer Repair	400	2,174	5,800	37.48%	3,626
Other Equipment	600	680	5,000	13.60%	4,320
Board Room A/V Upgrade	-	15,638	20,000	78.19%	4,362
Copier Expenses	-	1,338	4,380	30.54%	3,042
Office Equipment - Other	-	-	-	-	-
Total Office Equipment	4,179	23,008	40,180	57.26%	17,172

Upper Gunnison River Water Conservancy District

Budget Summary 2021

	May	Year to Date	2021 Budget	% Received or Expended	\$ Remaining in Budget
Legal Publication	106	1,291	6,000	21.52%	4,709
Admin.Travel & Exp.	118	190	22,000	0.87%	21,810
Office Expenses		313			
Spencer Ave. Reimbursable		-	-		
Office Supplies	724	3,411	3,100	110.02%	(311)
Consumable Supplies	-	11	1,200	0.92%	1,189
Publications & Subscriptions	-	92	1,500	6.13%	1,408
Computer, Internet, LexisNexis	593	4,757	6,250	76.12%	1,493
Software	100	2,650	4,800	55.21%	2,150
Office Expenses - Other	3,745	3,862			
Total Office Expenses	5,161	15,097	16,850	89.59%	1,753
Postage		22	1,500	1.48%	1,478
BOD Expenses		-			
Travel Reimbursement	-	63	10,000	0.63%	9,937
BOD Discretionary Fund	-	-	2,000	0.00%	2,000
BOD Expenses - Other	-	-			
Total BOD Expenses	-	63	12,000	0.52%	11,937
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	9,916	31,161	42,466	73.38%	11,305
Board of Directors' Fees	-	2,600	13,520	19.23%	10,920
LSCWAE BOD Meeting Fees	80	80			
Board of Directors' Fees - Other	700	700			
Total Board of Directors' Fees	780	3,380	13,520	25.00%	10,140
BOD Mileage	153	188	2,200	8.55%	2,012
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	\$ 86,639	\$ 357,369	\$ 357,983	99.83%	\$ 614
Non-operating		-			
General Consulting - General Engineering Support	\$ -		\$ 15,000	0.00%	\$ 15,000
Recreational In-Channel Diversion - Webcam Mainten	-		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	-	3,020	1,000	302.04%	(2,020)
Aspinall Water Costs	118	680	17,326	3.93%	16,646
Regional Water Supply Prog.		-			
Grant Program		97,317	200,000	48.66%	102,683
Enhancing Resiliency Riparian (Wet Meadows)		10,622	418,000	2.54%	407,378
NRCS		-			-
CPW Wetlands Grant	60,000	60,000			(60,000)
BLM Coop. Agree. L17AC00255		-			-
USFS PA-2 17-PA-11020407-00		-			-
NFWF Phase II	5,000	19,466			(19,466)
Enhancing Resiliency Riparian - Other	499	1,499			(1,499)
Total Enhancing Resiliency Riparian	65,499	91,587	418,000	21.91%	326,413
Cloudseeding		-	118,000	0.00%	118,000
Irwin Remote Generator	69	11,511			(11,511)
Cloud Seeding	475	84,135			(84,135)
Cloudseeding - Other		-			-
Total Cloudseeding	544	95,646	118,000	81.06%	22,354
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.	66,043	284,550	786,000	36.20%	501,450

Upper Gunnison River Water Conservancy District

Budget Summary 2021

	May	Year to Date	2021 Budget	% Received or Expended	\$ Remaining in Budget
<i>Basinwide Planning</i>		-			-
Watershed Management Planning		-			-
Watershed M P In-Kind		-			-
NPS PO 2021-4821	1,665	1,665			(1,665)
CWCB PO 2019-2891	630	34,110			(34,110)
Watershed Management Planning - Other	9,457	19,038			(19,038)
Total Watershed Management Planning	11,752	54,813	175,000	31.32%	120,187
Watershed Mgmt Pln Implementation	-	-	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	11,752	63,813	230,000	27.74%	166,187
<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	\$ 77,914	\$ 400,709	\$ 1,247,898	32.11%	\$ 847,189
Contingency			\$ 24,000	0.00%	\$ 24,000
TOTAL EXPENDITURES	\$ 164,552	\$ 758,077	\$ 1,629,881	46.51%	\$ 871,804
REVENUES OVER/(UNDER) EXPENDITURES	\$ 171,534	\$ 388,463	\$ 581,442	66.81%	

UGRWCD & UGRWAE BANK BALANCES, INTEREST RATES, MATURITY DATES

UGRWCD							Total UGRWCD and UGRWAE		
General Ledger # and Account Name	Instrument Type	Balance 5/31/2021	Interest Rate	Maturity Date	Date Callable	Bank Name	Deposit Amount	% of Total	
1 LPL Bond 13 (US Treas. Note) CUSIP 912828SF8	BOND	\$ 399,980.00	2.00%	2/15/2022	2/15/2022	1 LPL Financial (Was Sigma)	\$ 2,739,051.63	51%	
1 LPL Bond 17 (FHLB) CUSIP 3130 AHDS 9	BOND	200,000.00	1.68%	10/18/2023	10/18/2021	2 Mountain View Bank	105,590.96	2%	
1 LPL 19 Pac. Western CD thru LPL CUSIP 69506 YRJ O	CD	245,000.00	1.20%	4/17/2023		3 Bank of the West	403,191.77	8%	
1 LPL Bond 20 (FHLB) CUSIP 3130 AJLA 5	BOND	550,000.00	0.75%	5/19/2025	5/19/2021	4 Community Banks of Colo.	243,299.88	5%	
1 LPL Bond 21 (Fed Farm) CUSIP 3133 EL3P7	BOND	345,000.00	0.53%	8/12/2025	8/12/2022	5 Gunnison Bank & Trust	240,045.58	5%	
1 LPL 22 Merrick Bank CD thru LPL CUSIP 59013KLR5	CD	249,000.00	0.35%	12/30/2024		6 Gunnison Savings & Loan	257,787.45	5%	
1 LPL Bond 23 (FEDL) CUSIP 3130ALLD4	BOND	250,000.00	0.875%	3/17/2026	9/17/2021	7 COLOTRUST	1,331,631.89	25%	
1 LPL Money Market Account	M.M.	71.63		N/A		8 Petty Cash	100.00	0%	
1 LPL Bond 24	BOND	500,000.00	1.00%	5/20/2026	5/20/2022				
2 1470 Mountain View Bank CD	CD	105,590.96	1.51%	9/19/2021		TOTAL ALL BANKS	\$ 5,320,699.16	100%	
3 1011 Bank of the West Checking	CHKG	36,032.38	0.01%	N/A					
3 1410 Bank of the West CD	CD	105,038.19	0.35%	12/22/2022					
4 1420 Community Banks of Colo. CD	CD	51,564.17	0.40%	9/26/2022					
4 1390 Comm. Banks of Colo. CD Lake City	CD	101,735.71	0.15%	2/20/2022					
4 1530 Community Banks of Colo. CD	CD	90,000.00	0.95%	6/20/2022					
5 1520 Gunnison Bank & Trust CD	CD	200,000.00	1.90%	2/26/2025		CD	26%	\$ 1,405,716.48	
5 1540 GB&T - Spencer Avenue Reserve	SAV	40,045.58	0.15%	N/A		Checking	6%	298,153.58	
6 1400 Gunnison Savings & Loan CD	CD	108,406.45	1.75%	8/10/2022		Savings	1%	40,117.21	
6 1490 GS&L CD	CD	149,381.00	2.05%	10/18/2024		COLOTRUST	25%	1,331,631.89	
7 1295 COLOTRUST PLUS+	COLOTRUST	1,048,835.81	0.0551%	N/A		Petty Cash	0%	100.00	
7 1290 COLOTRUST PRIME	COLOTRUST	243,193.96	0.0051%	N/A		Bonds	42%	\$ 2,244,980.00	
8 Petty Cash	PETTY	100.00	N/A	N/A		Total	100%	\$5,320,699.16	

UGRWCD & UGRWAE INVESTMENTS BY TYPE

CD	26%	\$ 1,405,716.48
Checking	6%	298,153.58
Savings	1%	40,117.21
COLOTRUST	25%	1,331,631.89
Petty Cash	0%	100.00
Bonds	42%	\$ 2,244,980.00
Total	100%	\$ 5,320,699.16

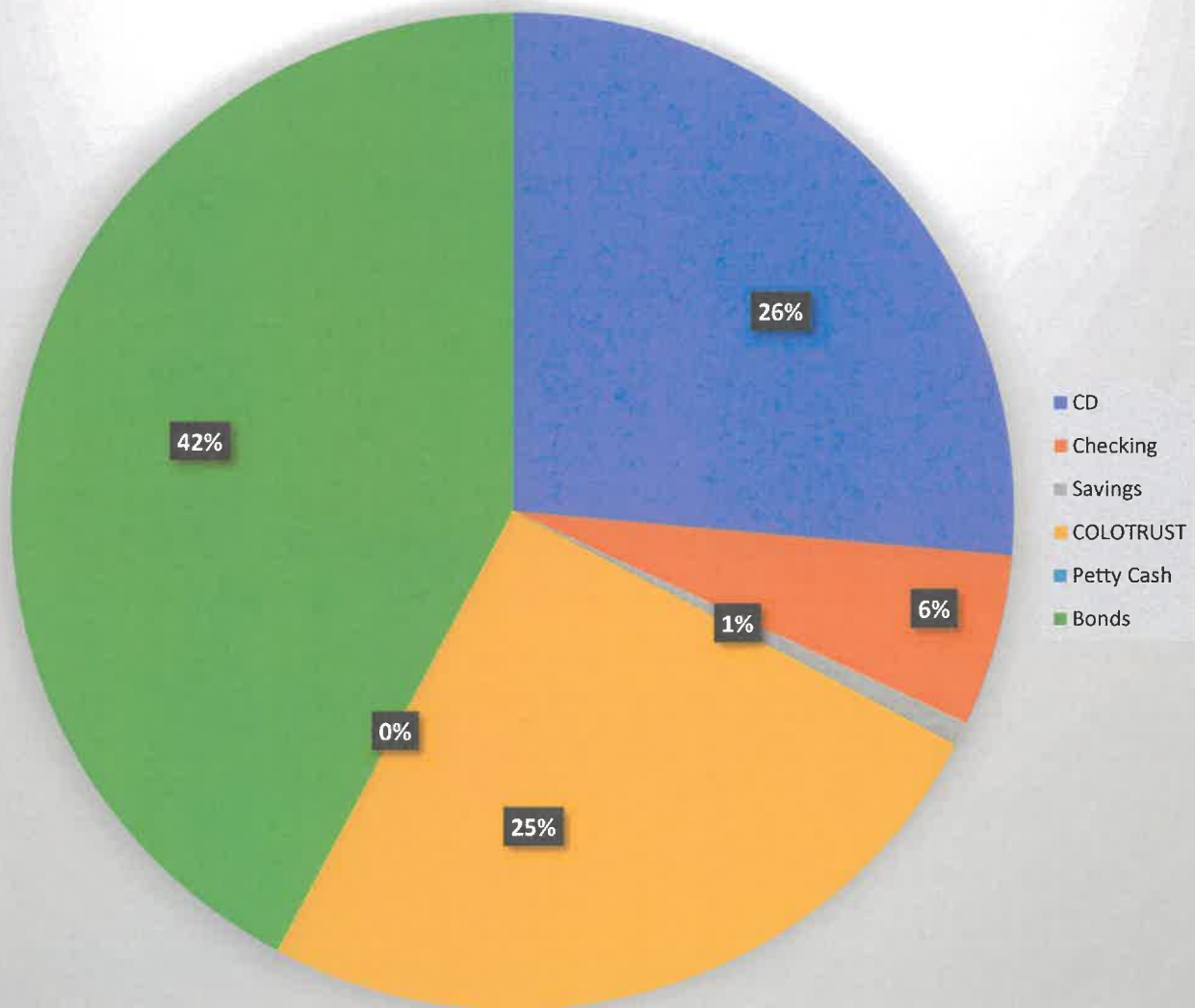
TOTAL UGRWCD **\$ 5,018,975.84**

UGRWAE			Balance	Interest	Maturity
Account Name			5/31/2021	Rate	Date
3	Bank of the West Checking	CHKG	\$ 262,121.20	N/A	N/A
7	COLOTRUST PLUS+	COLOTRUST	39,602.12	0.0551%	N/A
TOTAL UGRWAE			\$ 301,723.32		
TOTAL UGRWCD + UGRWAE			\$ 5,320,699.16		

UGRWCD & UGRWAE INVESTMENTS BY TYPE

CD	26%	\$ 1,405,716.48
Checking	6%	298,153.58
Savings	1%	40,117.21
COLOTRUST	25%	1,331,631.89
Petty Cash	0%	100.00
Bonds	42%	\$ 2,244,980.00
Total	100%	\$ 5,320,699.16

UGRWCD + UGRWAE INVESTMENTS BY TYPE



Upper Gunnison River Water Conservancy District

Operating Expenses for Approval

6/17/2021

Name	Account	Amount
Alexander C. Baca	Intern	\$ 301.50
Anthem	Employee Benefits	250.14
Atmos Energy	Utilities	59.84
Atmos Energy	Utilities	42.47
BankCard Center	Various	3,556.20
Bank of the West	Wire Fee	35.00
Beverly Richards	Staff Salary	3,078.19
Beverly Richards	Discretionary Bonus	1,557.00
Beverly Richards	Administrative Travel	14.56
Business Leasing Solutions	Office Equipment - Copier	242.89
Colorado Employers Benefit Trust	Employee Benefits - Health Insurance	2,169.07
City of Gunnison Finance	Utilities	138.06
City of Gunnison Finance	Utilities	74.58
Crested Butte News	Public Outreach = \$100.00 Legal Publication = \$18.26	118.26
Dove Graphics	Office Expenses	55.00
EFTPS	Payroll Taxes	10,536.82
Fullmer's Ace Hardware	Office Expenses: Furniture = \$259.97 Supplies = \$418.86	678.83
GL Computers	Computer Repair/Service - Monthly	400.00
GL Computers	Office Equipment	599.97
Glatfelter Public Practice	Bonding & Insurance - Gen. Liability	8,302.00
Glatfelter Public Practice	Bonding & Insurance - AD&D	1,594.00
Great West Retirement	Employee Benefits	8,555.87
Gunnison Country Publications	Public Outreach = \$1180.00 Legal Publication = \$66.02	1,246.02
J&K Services, Inc.	Office Cleaning	560.00
Jill Steele	Staff Salary	2,830.44

6/17/2021

Upper Gunnison River Water Conservancy District

Operating Expenses for Approval

Name	Account	Amount
Jill Steele	Employee Benefits	277.53
Jill Steele	Administrative Travel	15.68
John McClow	Administrative Salary	9,713.73
John McClow	Employee Benefits	202.40
Jr. Livestock Committee	Public Outreach	500.00
KEJJ Radio	Public Outreach	185.00
LexisNexis	Office Expense - LexisNexis	592.92
Microsoft	Microsoft Office Software	100.00
Midnight Marketing	Public Outreach	2,474.00
Paul D. Miller C.P.A.	Audit & Accounting	5,600.00
Pinnacol Assurance	Workers' Compensation Insurance	364.00
Silver World Publishing	Public Outreach = \$80.00 Subscription = \$40.00	120.00
Sonja Chavez	Administrative Salary	6,609.82
Quarterly Payment of BOD Fees and Mileage	BOD Fees = \$2580.00 BOD Mileage = \$188.16	2,768.16
Spencer Avenue Business Park	Condo Dues	550.00
Sue Uerling	Staff Salary	2,171.04
Sue Uerling	Discretionary Bonus	1,284.25
Sue Uerling	Administrative Travel	15.68
The Paper Clip	Office Supplies	305.04
United Healthcare	Employee Benefits	102.60
Verizon	Office Telephone	181.50
Western Colorado University	Memberships & Dues - Colorado Water Workshop	3,500.00
Total Operating Expenses Payable		\$ 84,630.06

Upper Gunnison River Water Conservancy District

Non-Operating Expenses for Approval

6/17/2021

Name	Account	Amount
Applegate Group	Watershed Management Planning	\$ 1,613.50
Applegate Group	Watershed Management Planning	7,843.81
Bullet Construction	Building Expenses	750.00
Colorado Trout Unlimited	Watershed Management Planning	562.50
Hartman Brothers	Cloud Seeding - Irwin Remote	29.27
Rignet, Inc.	Cloud Seeding - Irwin Remote	39.49
Tomichi Creek Eco Systems Services	Wet Meadows	165.76
Tomichi Creek Eco Systems Services	Wet Meadows Coordinator Salary	5,333.33
U.S. Bureau of Reclamation	Aspinall Water costs - annual billing	18,847.35
Uncompahgre Valley Water Users Association	Taylor Park Projects	7,436.00
Wilson Water Group	Watershed Management Planning	3,323.75
Non-Operating Expenses Payable		\$ 45,944.76



BANK OF THE WEST
BNP PARIBAS

BANKCARD CENTER
PO BOX 84043
COLUMBUS GA 31908-4043

1245FSAB - 002971 - 0001 - 0003 -

Account Number XXXX-XXXX-0152-7948

Payment Due Date JUN 22, 2021

Amount Due \$3,556.20

Current Balance \$3,556.20

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



UPPER GUNNISON RIVER WATER CONS DIS ***N0002955
210 W SPENCER AVE STE B
GUNNISON, CO 81230-2544

Amount Enclosed \$

Date Rec. Addn. Cld.

Mgr. Appr. Amt. Appr.

Bd. Appr. Date Bd. Initials

Pd. Date Cld#

Account(s)

5868 250 13 55693 2000 15 27948 0000355620

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
	\$3,744.57	\$3,806.20	\$0.00	\$0.00	\$250.00	\$3,744.57	\$3,556.20

CARDHOLDER NEW ACTIVITY SUMMARY

SONJA CHAVEZ XXXX-XXXX-0153-1676 Credit Limit \$12,000	Purchases and Other Debits	Cash Advances	Credits	Total Activity
	\$650.97	\$0.00	\$0.00	\$650.97
JOHN MCCLOW XXXX-XXXX-0153-1684 Credit Limit \$12,000	Purchases and Other Debits	Cash Advances	Credits	Total Activity
	\$669.99	\$0.00	\$0.00	\$669.99
BEVERLY RICHARDS XXXX-XXXX-0153-1692 Credit Limit \$3,000	Purchases and Other Debits	Cash Advances	Credits	Total Activity
	\$405.36	\$0.00	\$0.00	\$405.36

For Customer Service, Call:

1-866-432-8161

Account Number

XXXX-XXXX-0152-7948

Statement Date

MAY 28, 2021

Payment Due Date

JUN 22, 2021

Credit Limit

\$100,000

Available Credit

\$96,443.80

Amount Due

\$3,556.20

Disputed Amount

\$0.00

Account Summary

Previous Balance \$3,744.57

Purchases &
Other Charges \$3,806.20

Cash Advances \$0.00

Cash
Advance Fees \$0.00

Late Charge \$0.00

Finance Charges \$0.00

Credits \$250.00

Payments \$3,744.57

New Balance \$3,556.20

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

Statement Date	MAY 28, 2021	Payment Due Date	JUN 22, 2021
Credit Limit	\$100,000	Amount Due	\$3,556.20
Cash Advance Balance	\$0.00	New Balance	\$3,556.20
Available Credit	\$96,443.80		
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	\$2,079.88	\$0.00	\$250.00	\$1,829.88

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 \$3,744.57 CR
Posting Date	Transaction Date	Reference Number	Transaction Description	Amount
05-24	05-24		PRE-AUTHORIZED PAYMENT	3,744.57 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 \$650.97	CASH ADVANCES \$0.00	CREDITS \$0.00	TOTAL ACTIVITY \$650.97
Posting Date	Transaction Date	Reference Number	Transaction Description	Amount	
04-30	04-29	15449851120189010904695	MOUNTAIN STATE EMPLOYE 3038395177 CO Tran: 363909 Tax ID: 846021302 Mer Zip: 80203 Tax: 8.70 CR	145.00	
05-03	05-01	55500361121206297200265	GUNNISON FIBER-MESH NE 9702096920 CO Tran: 06731500285870002 Tax ID: 830313552 Mer Ref: 3010344188 Mer Zip: 81230 Origin Zip: 81230 Dest Ctry: USA	220.50	
05-05	05-04	15449851125010930888377	MOUNTAIN STATE EMPLOYE 3038395177 CO Tran: 364052 Tax ID: 846021302 Mer Zip: 80203 Tax: 8.70 CR	145.00	
05-12	05-11	55417341131261315433531	GOBINS INC 719-5442324 CO Tran: 26131543342 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: 118.48	118.48	
05-20	05-18	55458851139083366293642	DENVER POST CIRCULATIO 3038323232 CO Tran: 12392021051807435 Tax ID: 760425553 Mer Ref: 172639288 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	
05-25	05-24	55432861144200629896358	Intuit *PayrollEE usag 833-830-9255 CA Tran: T1-26f234-1d3 Tax ID: 770034661 Mer Ref: T1-26f234-1d3 Mer Zip: 92129	10.00	

Statement Date	MAY 28, 2021	Payment Due Date	JUN 22, 2021
Credit Limit	\$100,000	Amount Due	\$3,556.20
Cash Advance Balance	\$0.00	New Balance	\$3,556.20
Available Credit	\$96,443.80		
UPPER GUNNISON RIVER WATER CONS DIS			
XXXX-XXXX-0152-7948			

CARDHOLDER ACTIVITY

Posting Date	Transaction Date	Reference Number	Transaction Description	Amount
05-10	05-07	55432861127200945908094	Intuit * 833-830-9255 CA	5.95
		Tran: IGS_110707739876	Tax ID: 770034661 Mer Ref: IGS_110707739876 Mer Zip: 92129	
05-10	05-08	15449851129291600784510	MOUNTAIN STATE EMPLOYE 3038395177 CO	205.00
		Tran: 364377	Tax ID: 846021302 Mer Zip: 80203 Tax: 12.30 CR	
05-10	05-08	15449851129291600784544	MOUNTAIN STATE EMPLOYE 3038395177 CO	345.00
		Tran: 364379	Tax ID: 846021302 Mer Zip: 80203 Tax: 20.70 CR	
05-10	05-08	15449851129291600784734	MOUNTAIN STATE EMPLOYE 3038395177 CO	205.00
		Tran: 364378	Tax ID: 846021302 Mer Zip: 80203 Tax: 12.30 CR	
05-10	05-08	15449851129291600784767	MOUNTAIN STATE EMPLOYE 3038395177 CO	145.00
		Tran: 364380	Tax ID: 846021302 Mer Zip: 80203 Tax: 8.70 CR	
05-10	05-08	15449851129291600784718	MOUNTAIN STATE EMPLOYE 3038395177 CO	250.00 CR
		Tax ID: 846021302 Mer Zip: 80203		
05-13	05-13	55480771133026986827172	SOS REGISTRATION FEE 3038606962 CO	10.00
		Tax ID: 840644739 Mer Ref: 98682717	Mer Zip: 80209 Origin Zip: 80209 Dest Ctry: USA	
05-25	05-24	05436841144300221743926	CITY-MARKET #0419 GUNNISON CO	25.47
		Tax ID: 480196590 Mer Zip: 81230	Origin Zip: 81230 Tax: 1.71	

Date Recd. 5/26/21 Adm. Ckd. [Signature]
 Mgr. Appr. [Signature] Amt. Appr. [Signature]
 Bd. Appr. Date [Signature] Bd. Initials [Signature]
 Pd. Date [Signature] Ckd. [Signature]
 Account(s) WMP



**Applegate
Group, Inc.**

Water Resource Advisors for the West

Approved to Pay (SC): UG2020-026

Charge all expenses to: District Non-Operating Line Item 45 WMP

Invoice Memorandum

Date: May 21, 2021

AG Job No.: 21-106

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

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

SUBJECT: Invoice for Upper Gunnison General Engineering Support Services Cc:

Attached please find our invoice for professional consulting services provided through April 30, 2021 in the amount of **\$7,843.81**.

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

Additional Detail Regarding this Invoice and the Project Budget is shown in the table below:				
Phase	Current Invoice	Invoice to Date	Project Budget	Budget Remaining
Task Order 1 - District Grant Program Projects				
Application Review and Analysis	\$ 1,150.00	\$ 2,318.75	\$ 28,000.00	\$ 25,681.25
Site Time	\$ 1,168.75			
Deliverables and Recommendations				
Design Review				
Task Order 2 - Ohio Creek				
Data Review/Analysis	\$ 1,532.50	\$ 3,572.50	\$ 88,000.00	\$ 84,427.50
Site Time	\$ 1,615.00			
Mapping	\$ 425.00			
Conceptual Design				
Cost Estimates				
Deliverables				
Task Order 3 High Priority Projects (Other Basins)				
Project A		\$ -	\$ 39,000.00	\$ 39,000.00
Project B				
Task Order 4 - Rapid Assesments				
Project A		\$ -	\$ 19,000.00	\$ 19,000.00
Project B				
Task Order 5 - Travel				
Travel Expenses	\$ 1,952.56	\$ 1,952.56	\$ 6,000.00	\$ 4,047.44

Total \$ 7,843.81 \$ 7,843.81 \$180,000.00 \$172,156.19

Date Rec. 5-26-21 Addn. Chd. 12
 Mgr. Appr. 26/21 Amt. Appr. 26/21
 Bd. Appr. Date 26/21 Bd. Initials 26/21
 Pd. Date 26/21 Cld# 26/21
 Account(s) WMP



**Applegate
Group, Inc.**

Water Resource Advisors for the West

Invoice Memorandum

Date: May 20, 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 February 27, 2021 through April 30, 2021 in the amount of **\$1,613.50**.

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		\$ 10,316.75
Design	\$ 1,613.50	\$ 5,821.00
Construction Plans & Specifications		\$ 1,518.25
Total	\$ 1,613.50	\$ 25,088.01

Orig Budget \$ 15,000.00
 SOW Amend. #1 - Design \$ 8,500.00
 SOW Amend. #2 - Floodplain Permitting \$ 5,000.00
 Total Budget \$ 28,500.00
 Budget Remaining \$ 3,411.99

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:

- Coord with County and State regarding floodplain permit
- Modeling of project in 1-D regulatory HEC-RAS model

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

Approved to Pay: SBC



INVOICE

Upper Gunnison River Water Conservancy District
210 W. Spencer Avenue
Suite B
GUNNISON COLORADO 81230
UNITED STATES

Invoice Date
Jun 15, 2021

Invoice Number
INV-0039

Bullet Construction LLC
107 E. Georgia Ave Suite
1C
GUNNISON CO 81230
USA

Description	Quantity	Unit Price	Tax	Amount USD
50-point roof all-inclusive inspection including evaluation, photos, and recommendations to maximize the lifetime of the roof.	1.00	750.00	Tax on Sales	750.00
Subtotal				750.00
TOTAL USD				750.00

Due Date: Jun 25, 2021

Date Rec. 6-16-21 Adm. Ckd. [Signature]
Mgr. Appr. [Signature] Amt. Appr. [Signature]
Bd. Appr. Date [Signature] Bd. Initials [Signature]
Pd. Date [Signature] Ckd. [Signature]
Account(s) Building Expenses - Maint.

PAYMENT ADVICE

To: Bullet Construction LLC
107 E. Georgia Ave Suite 1C
GUNNISON CO 81230
USA

Customer Upper Gunnison River Water Conservancy District
Invoice Number INV-0039
Amount Due 750.00
Due Date Jun 25, 2021
Amount Enclosed

Enter the amount you are paying above

Colorado Trout Unlimited

INVOICE

1536 Wynkoop Street, Suite 320
Denver, CO 80202

P: (303) 440-2937
Date Recd. 5-26-21 Addn. Ckd. [Signature]
Mgr. Appr. SEE Amt. Appr. \$562.50
Bd. Appr. Date _____ Bd. Initials [Signature]
Pd. Date _____ Ckd _____
Account(s) WMP

INVOICE #: 14

INVOICE DATE: May 25, 2021

PERFORMANCE PERIOD: 5/1/2021 – 5/25/2021

PROJECT CONTRACT/CONSULTANT #: Dan Omasta

TO:

Upper Gunnison River Water Conservancy District
210 Spencer Ave # B
Gunnison, CO 81230

Contract #UG2020-003

DATE	DESCRIPTION	Quantity	Rate Per Hour	In-Kind	Paid
5/3/21	Task 4: Issue Analysis & Strategy meetings with NCAR, WSCU, SOW	4	45.00		180.00
5/4/21	Task 3: GFH Team Meeting	1	45.00	45.00	
5/10/21	Task 7: Consultant Invoice	1	45.00		45.00
5/11/21	Task 2: Rec Survey Game Camera Research/ Meeting with Dan Brauch	1	45.00		45.00
	Task 3: Stakeholder meetings, research	1.5	45.00	67.50	
	Task 7: Consultant Invoice	1.5	45.00		67.50
5/14/21	Task 2: Rec Survey Game Camera Order and logistics	1	45.00		45.00
	Task 4: UGRWCD/CSFS Meeting and review of SOW	2	45.00		90.00
5/18/21	Task 3: Project SOW, Meeting with JW/UGRWCD	2	45.00	90.00	
5/21/21	Task 3: CSFS CWPP Call	1	45.00	45.00	
4/15/21	Task 3: SOW development and GFH Meeting Coordination	1	45.00	45.00	
	Task 7: Consultant Invoice, CTU transition prep	2	45.00		90.00

	TOTAL (incl. mileage)	19		\$292.50	\$562.50

Task 1 – Recreation Outreach/Report **\$0.00**
Task 2 – Recreation Use Surveys **\$90.00**
Task 3 – Watershed Health Outreach/Cord. **\$292.50**
Task 4 – Watershed Health Report/Analysis **\$270.00**
Task 7 – Coordination **\$202.50**

Total **\$855.00**

Breakdown **\$562.50 (Paid)** **Approved to pay (bill \$270 to NPS**
 PO#2021-4821, \$292.50 to CWCB PO#2019-2891)
 \$292.50 (In-Kind Services) (bill to NPS PO#2021-4821)

Please make all checks payable to: Colorado Trout Unlimited

**Hartman Brothers, Inc.**

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

**Sold To:**

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

Shipped To:**CYLINDER RENTAL INVOICE**

CUSTOMER No.	CUSTOMER P.O. No.			PERIOD	INVOICE DATE			INVOICE No.	PAGE			
M05447				05/01-05/31	Y-Y	M-M	D-D	346341	1			
DESCRIPTION	DATE M-M D-D	DEL.NOTE #	INVOICE No.	CYLINDER STATEMENT BAL SUPPL RETURN NEW BAL				CONTRACT	CHARGE	RATE	AMOUNT	T A X
NITROGEN 60CF				3			3	0				
31 days	05 31			3	0	0	3	0	93			
Total									93	0.300	27.90	XD
Date Recd. <u>6-1-21</u> Adm. Ckd. <u>[initials]</u> Mgr. Appr. <u>ORC</u> Amt. Appr. <u>\$29.27</u> Bd. Appr. Date <u>6-1-21</u> Bd. Initials <u>[initials]</u> Pd. Date <u>6-1-21</u> Ckd. <u>[initials]</u> Account(s) <u>Cloud Seeding</u>												
TERMS				TYPE: S - DEMURRAGE L - MONTH END D - DAILY N - FREE H - HIGHEST				SUB-TOTAL		27.90		
NET 30 DAYS								SALES TAX		1.37		
VALUE OF CYLINDER INVENTORY ON HAND								TOTAL		29.27		

THIS INVOICE IS PAYABLE IN FULL UPON RECEIPT.
CYLINDERS ARE RENTED AND REMAIN THE PROPERTY
OF THE SELLER.

Customer Copy



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

Invoice **202105_472**
Date **31 May, 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 May - 31 May 2021**

Summary

Total Airtime and Fees this Period	USD	39.49
Total Amount This Invoice	USD	39.49

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.	Adm. Ck.
Mgr. Appr.	Amt. Appr.
Bd. Appr. Date	Bd. Initials
Pd. Date	Ck#
Account(s)	

Summary per Product

Product	Charge Type	Amount (USD)
OrbCommIDP	Subscription Fee	33.00
OrbCommIDP	Airtime	4.54
OrbCommIDP	Other	1.95
Total for OrbCommIDP		39.49

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

Date Rec. _____ Adm. Ckd. _____
 Mgr. Appr. SRC Amt. Appr. \$165.76
 Bd. Appr. Date _____ Bd. Initials [Signature]
 Pd. Date _____ Clk# _____
 Account(s) _____

Name: Paul Jones

Position: Wet Meadow Coordinator

\$0.560

Date	Business Purpose	Travel		Meals	Hotel	Other Expenses	
		Miles	Reimbursement			Amount	Explanation
5/18/2021	Mountain Island Ranch planning visit	296	\$ 165.76				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
			-				
Totals:		296	\$165.76	\$0.00	\$0.00	\$0.00	
Total Reimbursement:						\$165.76	



 Signature _____ Date 5/25/2021

UNITED STATES DEPARTMENT OF THE INTERIOR
BILL FOR COLLECTION

Make Remittance Payable To: Bureau of Reclamation
Billing Contact: Elizabeth Silva Phone: 801-524-3648

Bill #: 1803142336
Customer: 6000001042
Date: 06/03/2021
Due Date: 07/03/2021

Remit Payment To: DOI - BOR - Region: Upper Colorado Basin
PO Box 6200-26
Portland, OR 97228-6200

Send Overnight Mail To:
US Bank-Attn: Government Lockbox-DOI
Lockbox # 6200-26
17650 NE Sandy Blvd.
Portland, OR 97230

Payer: UPPER GUNNISON RIVER
Water Conservancy District
210 W SPENCER SUITE B
GUNNISON, CO 81230

Additional forms of payment may be accepted. Please
email esilva@usbr.gov or call 801-524-3648 for
additional information.

Checks must be made payable to Bureau of
Reclamation. Please detach the top portion or include
bill number on all remittances.

Amount of Payment: \$ _____

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
07/02/2021	04-WC-40-010 See attached Note 1 for billing description.	1	18,847.35	1	18,847.35
<i>ok to pay Amount agreed upon w/ BOR</i> <i>Bert R</i>					
Amount Due this Bill:					18,847.35

Pursuant to the Debt Collection Act of 1982, (codified at 31 U.S.C. 3717) Interest will be assessed at the rate of 1.00 % on any unpaid balance if full payment is not made by the date of delinquency. A penalty charge of 6.00 % per annum will be charged on the unpaid portion of the debt, which remains unpaid 90 days after the date of delinquency. Additional administrative fee(s) of \$10.00(ea) will be assessed when a dunning notice(s) is issued. See notice of actions in the event of delinquency.

Accounting Classification:

WBS
RX.05944700.3110000

Cost Center
RR04651000

Fund
XXRX4081X9

Functional Area
R05940000.000000

SGL.CI
5200.Y42000

Customer: 6000001042
Bill #: 1803142336
TIN: *****5208

CHRISTY
STEWART

Digitally signed by
CHRISTY STEWART
Date: 2021.06.02
12:34:05 -06'00'

received
06/07/2021

This billing is in accordance with Article 4 of Contract No. 04-WC-40-010,
dated April 1, 2004, long-term water service contract.

Annual Payment Due: \$18,847.35

303.5 Acre feet of Water @ \$60.10 per acre foot:	\$ 18,240.35
303.5 Acre feet @ O&M rate of \$2.00 per acre foot:	<u>\$ 607.00</u>

Total: \$ 18,847.35

Please call (801) 524-3648 with any questions regarding this billing.

See attached Note 1 for billing description.

The Uncompahgre Valley Water Users Association
601 North Park Ave. * P.O. Box 69 * Montrose, CO 81402-0069
Phone: 970-249-3813 Fax: 970-249-6830

6/1/2021
2021 O & M TAYLOR

BILL TO:

Name: Upper Gunnison River Water Cons. Dist.
Address: 210 W. Spencer Ave., Ste. B
Gunnison, CO 81230-2544

DESCRIPTION	UNIT PRICE	TOTAL
<p>2021 Annual payment due the UVWUA on Taylor Park Reservoir Operation and Storage Agreement (Contract No. 06-07-00027 dated 8/28/75) (Supplement dated 4/16/90)</p> <p>Date Rec. _____ Adm. Ckd. _____ Mgr. Appr. _____ Amt. Appr. _____ Bd. Appr. Date _____ Bd. Initials _____ Pd. Date _____ Ck'd _____ Account(s) _____</p>		\$7,436.00
		\$7,436.00

OTHER COMMENTS:

1. Payment due upon receipt.
2. Make payments to Uncompahgre Valley Water Users Association (UVWUA).
3. If you have any questions about this invoice, please contact the office

Approved for payment - Budget Line
Item 45 - Basinwide Planning - Sub-
line Item - WMP (Bill \$2,576.25 to
NPS PO#2021-4821)

June 3, 2021

Sonja Chavez, General Manager
Upper Gunnison River Water Conservancy District
2010 West Spencer, Suite B
Gunnison, CO 82130



RE: Invoice #8 - Upper Gunnison Watershed Management Planning Contract UG2020-006

Sonja,

Below is an invoice for professional services of Wilson Water Group for the WMP in the Upper Gunnison River Basin through May 25, 2021. Primary activities and progress reports follow the invoice.

Professional Services

Staff	Hours	Rate	Total
Erin Wilson	9.75	\$ 195	\$ 1,901.25
Mitch Frischmeyer	12.0	\$ 105	\$ 1,260.00
Tammi Renninger (ElephantFish)	2.5	\$ 65	\$ 162.50
Amount Due this Invoice			\$ 3,323.75

Project Accomplishments

Task 1 – Data Compilation & Gap Identification

- No efforts this period

Task 2 – Current Use Assessment

- No efforts this period

Task 3 – Infrastructure and Reach Assessment

- No efforts this period

Task 4 – Water Rights Allocation Model Enhancements

- No efforts this period

Task 5 – Final Report

- Drafted Basin Characteristics Section for the Tomichi River and began Cochetopa River Characteristics Section

Task 6 – Project Coordination

- Continued to obtain and manage GIS coverages
- Reviewed Rocky Mountain Biological Laboratory data

Activity Anticipated for Summer 2021

Task 1 – Data Compilation & Gap Identification

- Completed

Task 2 – Current Use Assessment

- Finalize current use assessments (Municipal Use and Agricultural).

Task 3 – Infrastructure and Reach Assessment

- Continue to be available and provide information, as requested, to Apple Gate.

Task 4 – Water Rights Allocation Model Enhancements

- No efforts anticipated until late Summer/early Fall 2021. Waiting on CWCB to finish incorporating acreage changes into GIS coverages

Task 5 – Final Report

- Provide Cochetopa, mainstem Gunnison, and Cebollo Characteristics Section for WMP team review. Finalize current water use sections for all subbasins.

Task 6 – Project Coordination

- Continued participation in coordination calls.
- Continued collecting GIS data and supporting other efforts.

Budget Summary

Task	Budget	Month Costs	Cumulative Costs	Contract Balance	Projected Completion Date
1. Data Compilation	\$ 15,860	\$ -	\$ 15,837.50	\$ 23	Complete
2. Current Use Assessment	\$ 9,710	\$ -	\$ 6,150.00	\$ 3,560	8/15/2021
3. Infrastructure/Reach Assess	\$ 10,300	\$ -	\$ 1,235.00	\$ 9,065	12/31/2022
4. Water Rights Model Update	\$ 6,420	\$ -	\$ -	\$ 6,420	11/30/2021
5. Final Report	\$ 10,550	\$2,576.25	\$ 4,526.25	\$ 6,024	12/30/2021
6. Project Coordination	\$ 13,020	\$ 747.50	\$ 8,616.25	\$ 4,404	12/31/2022
Total	\$ 65,860	\$3,323.75	\$ 36,365.00	\$ 29,495	12/31/2022

Comments and Concerns

We have updated the projected completion dates to reflect an approximate 6-month extension from the initial schedule.

WILSON WATER GROUP LLC



Erin M. Wilson
Principal

AGENDA ITEM 5

Election of Officers

AGENDA ITEM 6

Resolution Appointing Financial Officers

Resolution 2021 – 04

I HEREBY CERTIFY that I am the duly elected and qualified Secretary of the Upper Gunnison River Water Conservancy District and the keeper of the records and seal of said District and the following is a true and correct copy of a resolution duly adopted at a regular meeting of the Board of Directors of said District held in accordance with the By-Laws of said District on the 28th day of June 2021.

“Whereas, on July 12, 1993, the Board of Directors of the Upper Gunnison River Water Conservancy District (The Board) designated Community Banks of Colorado – Gunnison, Community Banks of Colorado – Crested Butte, Gunnison Savings and Loan, Community First Banks (now Bank of the West), First National Bank of Lake City, now known as Community Banks of Colorado, and First National Banks of Colorado depositories of the District and that funds so deposited may be withdrawn upon a check, draft, note or order of the District; and

“Whereas, on August 23, 2004, the Board of Directors of the Upper Gunnison River Water Conservancy District (The Board) designated Gunnison Bank and Trust a depository of the District and that funds so deposited may be withdrawn upon a check, draft, note or order of the District; and

“Whereas, on May 22, 2006, the Board of Directors of the Upper Gunnison River Water Conservancy District (The Board) designated Colotrust a depository of the District and that funds so deposited may be withdrawn upon a check, draft, note or order of the District; and

“Whereas, on January 26, 2009, the Board of Directors of the Upper Gunnison River Water Conservancy District (The Board) designated Wells Fargo Bank, N.A. a depository of the District and that funds so deposited may be withdrawn upon a check, draft, note or order of the District; and

“Whereas, on May 18, 2009, the Board of Directors of the Upper Gunnison River Water Conservancy District (The Board) designated First National Bank of Paonia, Alpine Bank, Montrose Bank, First Southwest Bank, and First Colorado National Bank depositories of the District and that funds so deposited may be withdrawn upon a check, draft, note or order of the District; and

“Whereas, on October 27, 2014, the Board of Directors of the Upper Gunnison River Water Conservancy District (The Board) designated NuVista Federal Credit Union of Gunnison, Colorado a depository of the District and that funds so deposited may be withdrawn upon a check, draft, note or order of the District; and

“Whereas, on January 19, 2015, the Board of Directors of the Upper Gunnison River Water Conservancy District (The Board) designated Sigma Financial Corporation a depository of the District and that funds so deposited may be withdrawn upon a check, draft, note or order of the District; and

“Whereas, on July 12, 1993, the Board designated those persons authorized to sign and countersign checks, drafts, notes or orders for the payment of money in the same name of the District, and on subsequent dates has amended the list of designated persons; and

“Whereas, the Board desires to further amend the list of persons authorized to sign and countersign checks, drafts, notes or orders for the payment of money in the name of the District.

“Now, Therefore, Be It Resolved, that all the checks, drafts, notes, or orders drawn against the District’s accounts with said Bank be signed by any two of the following:

NAME	TITLE
	Board President
	Board Vice-President
	Board Secretary
	Board Treasurer
Sonja Chavez	General Manager

whose signatures shall be duly certified to said Bank, and that no checks, drafts, notes or orders drawn against said Bank shall be valid unless so signed.

“Be It Further Resolved, that said Bank is hereby authorized to honor and pay any checks, drafts, notes or orders so drawn, whether such checks, drafts, notes or orders be payable to the order of any such person signing and/or countersigning said checks, drafts, notes or orders, or any of such persons in their individual capacities or not, and whether such checks, drafts, notes or orders are deposited to the individual credit of the person so signing and/or countersigning said checks, drafts, notes or orders, or to the individual credit of any other officers or not. This resolution shall take effect June 28, 2021, and will continue in force until further written notification to said Bank.

In witness Whereof, the undersigned President and Secretary have caused the seal of said District to be hereto affixed this 28th day of June, 2021.

, Secretary

, President

AGENDA ITEM 7

Re-authorization of Standing Committees

UPPER GUNNISON RIVER WATER CONSERVANCY DISTRICT

STANDING COMMITTEES

2020-2021

Revised February 22, 2021

Education Committee: Chair – Bill Nesbitt, Rosemary Carroll, Joellen Fonken, Stacy McPhail, Sonja Chavez, Beverly Richards

Executive Committee: Chair – Michelle Pierce – President; Stacy McPhail – Vice President; Bill Nesbitt – Treasurer; John Perusek – Secretary

Finance Committee: Chair - Bill Nesbitt, Rebie Hazard, Michelle Pierce, John Perusek, Sonja Chavez, Jill Steele

Grant Committee: Chair – Joellen Fonken, Rebie Hazard, Andy Spann, Rosemary Carroll, Julie Nania, Sonja Chavez, Beverly Richards

Legislative Committee: Chair – Michelle Pierce, Rebie Hazard, Julie Nania, Andy Spann, John McClow, Sonja Chavez

Projects Committee: Bill Nesbitt, Rosemary Carroll, John Perusek, Don Sabrowski, John McClow, Sonja Chavez, Beverly Richards

Water Administration Committee: Joellen Fonken, Rebie Hazard, Andy Spann, Michelle Pierce, John McClow, Sonja Chavez

Watershed Management Planning Committee - Chair – Stacy McPhail, Rosemary Carroll, Andy Spann, Michelle Pierce, Julie Nania, John McClow, Sonja Chavez, Beverly Richards

AGENDA ITEM 8

**Presentation by David Gochis, National Center
for Atmospheric Research (NCAR)**

AGENDA ITEM 9

BREAK

AGENDA ITEM 10

General Manager and Committee Reports

MEMORANDUM



TO: UGRWCD Board Members
FROM: Sonja Chavez, General Manager
DATE: June 21, 2021
SUBJECT: General Manager's Report

- I. Treasurer's Report** – Update from Director Nesbitt.
- II. Watershed Management Planning** – Please see attached Memorandum.
- III. Education & Outreach** – Please see attached Memorandum from Alexander C. Baca.
- IV. Taylor Local Users Group & Four Parties Meetings** – Please see attached meeting notes.
- V. Basin Water Supply Information May 2021** – Please see attached Memorandum from Beverly Richards.
- VI. Scientific Endeavors** – Update from Director Carroll.
- VII. Crested Butte Land Trust Long Lake Stakeholder Work Group** – Update from Director Carroll and John McClow.
- VIII. Gunnison River Festival** – Update from Director Fonken.

AGENDA ITEM 10

Treasurer's Report

AGENDA ITEM 10

Watershed Management Planning

MEMORANDUM



TO: UGRWCD Board Members
FROM: Sonja Chavez, General Manager
DATE: June 21, 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 May 25, 2021, Board of Directors (BOD) regular meeting.

Updates:

- A. ***Recreation & Angling Assessments:*** No additional activity this month.
- B. ***Municipal Assessment:*** The City of Gunnison and UGRWCD had a work session on June 14. Discussion was focused around existing and future municipal water use, source/supply, potential regional and valley-wide collaboration with regard to storage or augmentation water, source water protection and flexibility, flood control and stormwater/runoff control. The City anticipates public release of their City Master Plan in the very near future.
- C. ***UGRWCD Watershed & Forest Health Technical Sub-Group:*** Pursuant to Section C, Paragraph 5.3 *Sole Source Purchases* of the District's Financial Policy, the General Manager should inform the Board of intent to enter into sole source contract, develop a scope of work, refine that work with potential bidders, and review the materials with the Board. There are three contracts, each under \$100,000, being contemplated by the General Manager.

The first is a scope of work (Exhibit A - Phase 1 only) developed and refined by the Watershed and Forest Health Technical Subcommittee and JW Associates which the General Manager intends to contract for in July:

1. Desired JW Associates Contract – Estimated at \$38,000

- The attached scope of work requires specialized knowledge of fire science and there are a limited number of firms with this expertise in Colorado;
- Two individuals with expertise in this area were interviewed and the Watershed and Forest Health Technical Subcommittee selected JW Associates; and
- Other project funding partners had specifically identified the desire to use JW Associates in their grant proposals due to their expertise.

2. Anticipated Colorado Natural Heritage Program (CNHP) contract of approximately \$35,000:

- Extensive expertise in wetland science and existing knowledge of the Upper Gunnison Basin which lends itself to predictability in performance, efficiency in completing the project, and on-going history of working collaboratively with the Upper Gunnison District.
 - CNHP conducted the previous wetland inventory of the Upper Gunnison Basin in the early 80's and therefore has existing knowledge of the basin.
 - CNHP currently works with the Upper Gunnison Wet Meadows Restoration and Resiliency Program to monitor project sites within the basin.;
 - CNHP is conducting wetland inventories across Colorado as part of an existing CWCB effort which presents opportunities for further collaboration.
- Experience working as a team with existing and future desired WMP project consultants.
 - CNHP has experience working collaboratively with Watershed Science and Design (see below) on watershed health projects (e.g., Boulder Creek Study); and

3. Anticipated Watershed Science and Design (Watershed Science) contract estimated at approximately \$35,000:

- There are a limited number of firms with expertise in geo-fluvial assessments;
- The CWCB informed the General Manager that they have hired this same firm to work on watershed health and indicated that there may be additional opportunity to coordinate on assessments in the Upper Gunnison given that fact; and
- Watershed Science has worked closely in the past with the Colorado Natural Heritage Program which ensures project success, shared knowledge, better collaboration and efficiency.

D. ***Agricultural Assessment:*** Agricultural assessments are continuing. Pre-feasibility engineering estimates have been developed for system optimization option improvements on the Lone Pine, Otis Moore, Gleason and Hildebrandt Ditches. The District and consultants will be reviewing and discussing information with water right holders June 23rd to select preferred options for improvement.

E. ***2021 Upper Gunnison River Restoration & Irrigation Improvement Project*** (a.k.a. Outcalt No. 2 & GTVA Shared Ditch Diversion Wing Inlet): Draft contracting documents are underway with KR Welding and Fabrication for construction of the project. The County has issued a floodplain permit and water right holders are signing the joint operation and maintenance agreements. We anticipate completing grant contracting with the Colorado River District by the end of July so that we can go to construction by mid-August.



UPPER GUNNISON RIVER - SCOPE OF WORK

This document defines the scope of work for the Upper Gunnison River Water Conservancy District (UGRWCD). The scope is divided into different phases and contains some optional items. Phase 1 is to complete the Upper Gunnison River Watershed/Wildfire Assessment. This assessment will cover all of the UGRWCD water supply area (Figure 1). Subsequent phases would include more detailed analysis in sub-watersheds.

Phase 1 - Upper Gunnison River Watershed/Wildfire Assessment

The watershed hazard analysis and ranking for the Upper Gunnison River Watershed/Wildfire Assessment will be completed at the 6th Level (HUC12) scale. The analysis area would cover all of the UGRWCD water supply area (Figure 1). There are 103 6th Level watersheds totaling 2,287,510 acres in the analysis area (Table 1). The assessment area will be reviewed by UGRWCD during the beginning of this phase before the analysis is conducted.

Watershed Hazard Analysis & Ranking

The 6th Level watersheds shown on Figure 1 and Table 1 will be analyzed with the goal of identifying post-fire hazards that can be used to target pre-fire or post-fire actions or other watershed protection measures. The analysis for each component will follow the procedures presented in *Protecting Critical Watersheds in Colorado from Wildfire: A Technical Approach to Watershed Assessment and Prioritization*, completed by the Colorado Watershed Protection Data Refinement Work Group (2009). Watershed prioritization for each component will be mapped and reviewed by stakeholders. These watersheds will be analyzed and ranked based upon the following hazard components;

- Wildfire Hazard

- Flooding/Debris Flow Hazard

- Soil Erodibility

- Wildfire Composite Hazard

- Climate Change Vulnerability

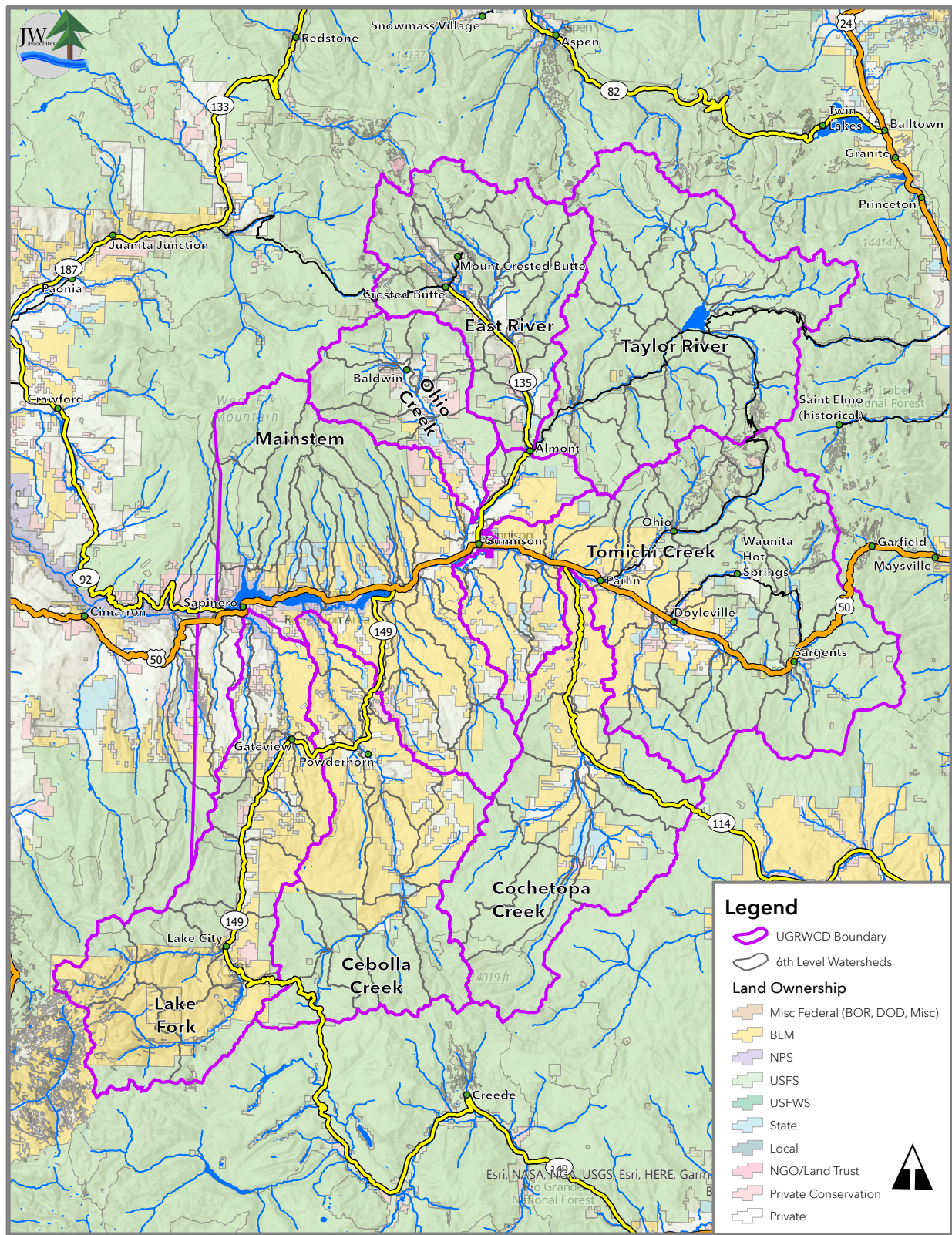


Figure 1. Upper Gunnison River Watershed Assessment Areas.

Table 1. Upper Gunnison River Watersheds in Assessment Area

HUC 10	Watershed Name	Area (acres)	# of 6th Level Watersheds
1402000101	Taylor River	305,501	13
1402000102	East River	185,188	10
1402000201	Ohio Creek	131,970	7
1402000202	South Beaver Creek-Gunnison River	83,104	4
1402000203	Willow Creek	46,600	2
1402000204	Beaver Creek-Blue Mesa Reservoir	81,977	3
1402000205	Cebolla Creek	250,167	11
1402000206	Lake Fork	276,913	11
1402000207	Soap Creek-Blue Mesa Reservoir	127,409	6
1402000208	Blue Creek	62,485	3
1402000210	Crystal Creek-Gunnison River	30,692	2
1402000301	Headwaters Tomichi Creek	110,429	5
1402000302	Razor Creek	43,525	2
1402000303	Quartz Creek	89,331	5
1402000304	Middle Tomichi Creek	119,095	5
1402000305	Cochetopa Creek	250,541	9
1402000306	Lower Tomichi Creek	92,581	5
	Totals	2,287,510	103

The methodology allows for all of the 6th Level watersheds to be compared to and ranked against each other for each of the hazard components. The results of each hazard component analysis are scaled to fall within categories ranging for lowest hazard to highest hazard based upon the comparison to other watersheds in the total project area. This provides a ranking of watersheds by hazard. The calculation of this ranking was completed as follows.

1. Use the hazard based on the percentage of each small watershed (or other metrics).
2. Scale the results so that they fall within five categories with a reasonable distribution.
3. Round the scaled result to the nearest whole number (retain the number for Composite Hazard Ranking).
4. Create a map of the results using the following scheme:
 - Category 1 - Lowest
 - Category 2 - Low
 - Category 3 - Moderate
 - Category 4 - High
 - Category 5 - Highest

Wildfire Hazard

The wildfire analysis will use the FlamMap model or Interagency Fuel Treatment Decision Support System (IFTDSS), selected components of the CoWRAP analysis, or US Forest Service completed wildfire hazard modeling. The selection of the most appropriate modeling to use will be based upon local expert interviews and mapped model performance compared to expected wildfire behavior.

Flooding/Debris Flow Hazard

The flooding/debris flow hazard analysis will include two components; debris flow hazard and road analysis. The debris flow analysis will use either the Melton calculation or the US Geological Survey (https://www.usgs.gov/natural-hazards/landslide-hazards/science/scientific-background?qt-science_center_objects=0#qt-science_center_objects) methodology. The Melton equation is relatively straightforward and has been validated in at least one post-fire analysis in Colorado. The USGS methodology is more complex and relies on estimating post-fire burn severity. The decision on which analysis to use will be made after consultation with the stakeholders.

The roads evaluation will use three separate roads analyses: road density, roads close to streams, and road/stream crossings. The flooding/debris flow analysis will be a combination of the debris flow hazard and road analysis.

Soil Erodibility/Hillslope Erosion

The soil erodibility analysis will use a combination of two standard erodibility indicators: the inherent susceptibility of soil to erosion (K factor) and land slope derived from United States Geological Survey (USGS) 30-meter digital elevation models. The K factor data from the SSURGO spatial databases will be combined with a slope grid using NRCS (USDA NRCS 1997) slope-soil relationships to create a classification grid divided into Slight, Moderate, Severe and Very Severe erosion hazard ratings.

An alternative to the NRCS methodology is the recently developed hillslope erosion analysis developed by the Colorado Forest Restoration Institute (CFRI). This methodology uses a Revised Universal Soil Loss Equation (RUSLE) approach that includes a rainfall erosivity index, terrain analysis and also routes hillslope erosion to streams. This methodology is relatively new and is more computationally demanding, especially for a large area.

The decision on which soil erodibility or hillslope erosion model to use will be based upon and close examination of the differences and consultation with stakeholders.

Wildfire Composite Hazard

The Wildfire Composite Hazard Ranking combines the first three components (Wildfire Hazard, Flooding/Debris Flow Hazard and Soil Erodibility) by numerically combining their rankings for each watershed and then re-categorizing the results. The Wildfire Composite Hazard Ranking is a combination of wildfire hazard and post-fire hazards related to flooding, debris flows, and hill slope erosion.

Climate Change Vulnerability

Climate change presents a stress on ecosystems that can trigger transformation of natural communities at regional and local scales with varying speed and magnitude (Comer et al, 2019). Alterations in temperature and precipitation patterns can disrupt an ecosystem's natural

dynamics and balance by altering a range of factors including but not limited to plant growth and stability within an ecozone, streamflows and timing of runoff, frequency and intensity of wildfire, and habitat suitability for flora and fauna. These changes can cascade through natural communities potentially resulting in alterations that can lead to species extinctions, ecological degradation or even potential collapse (Comer, et al, 2019).

Comer et al. (2019) has designed an assessment to help determine which communities are at most risk of climate change impacts, providing a warning of elevated risk. The Habitat Climate Change Vulnerability Index (HCCVI) integrates variables from other previous assessments and provides a framework for assessing vulnerability based on natural community types focusing on major vegetation types and 1) their exposure to climate induced stress and 2) their resilience to that stress. Areas most at risk from climate change are those that are likely to experience the most severe changes in temperature and precipitation (high exposure) but which have limited capacity to adapt or absorb these changes (low resilience).

The analysis provided here uses components of this framework to assess relative vulnerability within the studied watersheds. The analysis is divided into two major components; Ecosystem Sensitivity and Adaptive Capacity. The sub-components of these are listed below.

Ecosystem Sensitivity

- Landscape Condition
- Fire Regime Departure
- Forest Insect and Disease Risk

Adaptive Capacity

- Diversity within Characteristic Functional Species Groups (FSGs)
- Topo-climate variability

Zones of Concern Mapping and Analysis

The Watershed Wildfire Protection Group identified an important hazard for water supply related to transport of debris and sediment, as well as other water quality impacts from upstream source water areas. The source water areas (i.e. watershed areas) above important surface water intakes, upstream diversion points and drinking water supply reservoirs have a higher potential for contributing significant sediment or debris. These areas, called Zones of Concern (ZoC), can be used by stakeholders to further define project areas for protection planning and actions. All ZoC within the Assessment Area (Figure 1) related to the UGRWCD water supply system will be delineated, mapped and analyzed.

General Opportunities & Constraints

This analysis is intended to identify potential opportunities that will aid stakeholders in deciding whether to pursue watershed protection/hazard reduction efforts, the overall scope of those efforts, and identification of the key partners for those projects. The opportunities and constraints are basically a series of filters and identifiers of potential opportunities and limits on those opportunities. The following filters and identifiers will be used;

- ◆ Ownership
- ◆ Access
- ◆ Slopes
- ◆ Wilderness Areas
- ◆ Roadless Areas
- ◆ Other Protected Areas
- ◆ Vegetation

A summary of each ZoC will be presented identifying the general opportunities and constraints.

Upper Gunnison River Watershed/Wildfire Report

A report will be drafted, presented to stakeholders, reviewed by UGRWCD and revised as needed. The report will be produced in PDF format and posted on JW Associates website on a page for this project. A slide show of maps will also be available on the website.

Option for Online Mapping & Reporting

An option to the standard report would be to create an online mapping resource for the project. This could be ArcGIS Online, Story Map, and/or other online access and mapping tool. The tools will be evaluated based upon project needs both for this project and future needs. This option would reduce the need for a more detailed traditional report. But some documentation of methods, etc. would still be needed.

Deliverables:

Stakeholder and community meetings (3 in person and 2 remote)

Analyses for wildfire hazard, flooding/debris flow, soil erodibility, wildfire composite hazard

Watershed Prioritization Map

Zones of Concern for UGRWCD

Opportunities and Constraints analysis for Zones of Concern

Watershed/Wildfire Assessment Report

GIS data and analysis products (note: UGRWCD would own all GIS and analysis data and products - delivery format will be negotiated)

Costs for Phase 1

The costs for Phase 1 are estimated to be \$32,282.42. The cost for the Option for Online Mapping & Reporting is \$6,605.00. There would be an estimated \$1,500 savings from reduced reporting in the Phase 1 budget. Therefore the cost for Phase 1 with the Option for Online Mapping & Reporting would be \$37,387.42. Cost details are in Appendix A.

Schedule for Phase 1

It is anticipated that the Upper Gunnison River Watershed/Wildfire Assessment would be completed in approximately four months from the start of the project. The timeline would be somewhat flexible depending on scheduling of stakeholder and community meetings. The technical analysis will be easily accomplished within this timeframe. Assuming a start date of June 15th, the completion date would be October 15th.

Phase 2 - Sub-Basin Small Watershed Hazards & Targeting

There are eight sub-basins within the Upper Gunnison River (Table 2). The next phase would be to complete analysis and targeting at a smaller (7th Level or HUC14) watershed scale. This smaller scale allows identification of specific hazards and targeting of specific projects to address those hazards. Several of the analysis components would be similar to the larger scale watershed assessment in Phase 1. This analysis will also prioritize the small watersheds within the sub-basins. Additional analysis would include a sediment transport and deposition analysis that would help further identify hazards to water supply.

The steps in this analysis will be;

1. Delineate small-scale watersheds. These will be similar to 7th Level watersheds, but will be delineated specifically for identifying hazards to water supply.
2. Identify hazards for small-scale watersheds. The components for this small-scale analysis will utilize some of the data and analyses from the Wildfire/Watershed Assessment and include some additional components that make sense at a smaller scale.
3. Prioritize small-scale watersheds. This will be completed using a similar categorization technique used in the Wildfire/Watershed Assessment. The result will be an analysis and mapping showing the highest hazard watersheds at a scale that can be used for specific project targeting.
4. Rank and compare Zones of Concern. The components used in this ranking will be determined during this task, however, some risk-based and some value-based components are expected to be included.
5. Construct a new Forest Hazard Composite analysis at the small watershed scale. It will be a combination of the Wildfire Composite Hazard and Climate Change Vulnerability.
6. Draft, submit for review and revise a report documenting the Small Watershed Targeting and Prioritization.

Phase 3 - Watershed Protection Project Identification

Phase 3 will identify specific forest management projects and other actions designed for watershed protection. The small watershed hazards and Zones of Concern priorities will be used to identify and target site-specific projects. The types of projects will be designed for watershed protection.

The specific steps of this analysis will be;

1. Complete a site-specific Opportunities and Constraints analysis. This will focus on high and highest hazard small watersheds and within high priority Zones of Concern.
2. Facilitate Agency/Land Owner/Collaborator meetings. The intent of this step is to identify projects, refine their design and build support for forest management proposals.
3. Create plans and maps describing specific watershed protection projects.
4. Include an evaluation of roads in the priority watersheds. Roads can be major sources of sediments in forested watersheds and present hazards following disturbances such as wildfires.
5. Create draft and final reports. These reports will document the watershed protection projects identified for each Zone of Concern. The report will also document what steps are needed to implement watershed protection projects.

Costs for Phases 2 and 3

The eight sub-basins vary in size and complexity. Cost estimates for Phases 2 and 3 have been estimated and are presented in Table 2. The costs in Table 2 show a cost for Phase 2 only and for Phases 2 and 3 completed as one project.

Table 2. Cost Ranges for Phases 2 and 3 by Sub-Basin

Watershed Name	Area (acres)	# of 6th Level Watersheds	Phase 2	Phases 2 & 3
Taylor River	305,501	13	\$30,550	\$44,298
East River	185,188	10	\$18,519	\$26,852
Ohio Creek	131,970	7	\$13,197	\$19,136
Headwaters Tomichi Creek	454,962	22	\$45,496	\$65,969
Cochetopa Creek	250,541	9	\$25,054	\$36,328
Cebolla Creek	250,167	11	\$25,017	\$36,274
Lake Fork	276,913	11	\$27,691	\$40,152
Gunnison Mainstem	369,783	17	\$36,978	\$53,618

REFERENCES

- Comer, Patrick J., Jon C. Hak, Marion S. Reid, Stephanie L. Auer, Keith A. Schulz, Healy H. Hamilton, Regan L. Smyth and Matthew M. Kling. 2019. Habitat Climate Change Vulnerability Index Applied to Major Vegetation Types of the Western Interior United States. *Land* 2019, 8, 108; doi:10.3390/land8070108. www.mdpi.com/journal/land.
- Front Range Watershed Protection Data Refinement Work Group. 2009. Protecting Critical Watersheds in Colorado from Wildfire: A Technical Approach to Watershed Assessment and Prioritization.
- USDA Natural Resource Conservation Service. 1997. National Forestry Manual, title 190. Washington, D.C., Government Printing Office, June 1997.

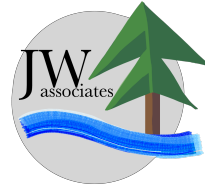
APPENDIX A

Phase 1 Cost Detail

Cost Estimate

Task 1: Wildfire/Watershed Assessment

Project: Upper Gunnison Watershed Analysis



Labor

	Brad Piehl	Jessica Wald	Abby Eurich	Total Labor Hours	Total Labor Cost
Task Description	\$135.00	\$120.00	\$80.00	Hours	Cost
Watershed Assessment/Prioritization					
Watershed Analysis	28	4	38	70	\$7,300.00
Prioritization	14	8	12	34	\$3,810.00
Stakeholder Meetings (5)	40		16	56	\$6,680.00
Zones of Concern Analysis					
Determine Zones of Concern	16	4	8	28	\$3,280.00
Analysis of Zones of Concern	24	8	32	64	\$6,760.00
Reporting	18	4	6	28	\$3,390.00
Totals	140	28	112	280	\$ 31,220.00

Expenses

Item Description	Unit label	Cost per unit	Units	Cost
Meeting materials	each	\$50	1	\$50.00
Copies, etc.	task	\$50		\$0.00
Vehicle mileage	mile	\$0.56	564	\$315.84
Travel Expenses	trip	\$25	3	\$75.00
Computer rental	month	\$75	7	\$525.00
				\$0.00
Total				\$965.84

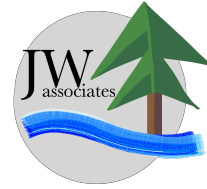
Cost Summary

Total Labor Hours	Total Labor Cost	Expense Cost	Markup	Total Cost
280	\$ 31,220.00	\$965.84	\$96.58	\$32,282.42

Cost Estimate

Task 2: Online Assessment Tools

Project: Upper Gunnison Watershed Analysis



Labor

	Brad Piehl	Jessica Wald	Abby Eurich	Total Labor	Total Labor
Task Description	\$135.00	\$120.00	\$80.00	Hours	Cost
Research Online Options	8		8	16	\$1,720.00
Create Online Mapping Tools	16		32	48	\$4,720.00
				0	\$0.00
				0	\$0.00
				0	\$0.00
					\$0.00
Totals	24	0	40	64	\$ 6,440.00

Expenses

Item Description	Unit label	Cost per unit	Units	Cost
Meeting materials	each	\$50		\$0.00
Copies, etc.	task	\$50		\$0.00
Vehicle mileage	mile	\$0.560		\$0.00
Travel Expenses	trip	\$25		\$0.00
Computer rental	month	\$75	2	\$150.00
				\$0.00
				\$0.00
Total				\$150.00

Cost Summary

Total Labor Hours	Total Labor Cost	Expense Cost	Markup	Total Cost
64	\$6,440.00	\$150.00	\$15.00	\$6,605.00

AGENDA ITEM 10

Education and Outreach Update

MEMORANDUM



TO: UGRWCD Board Members
FROM: Alexander Baca, Summer Outreach Intern
DATE: June 21, 2021
SUBJECT: Education & Outreach Update

I. Activities and projects completed

- A. Gunnison River Water Youth Instagram account is up and running. Goal is to target a younger audience to advocate education on water conservation and wise water use.
- B. Distribution and assembly of UGRWCD yard signs.
 - 1. City & City Hall
 - 2. Almont and 3 Rivers Resort area
 - 3. Neighbors and friends
- C. Upper Gunnison Photography (example photos below).
- D. Organization of District photo files.

II. Planned activities through July 10th, 2021

- A. GRF video editing and promotion.
- B. Continued distribution of yard signs.
 - 1. Crested Butte
 - 2. Team Prep USA HQ & Mount Crested Butte







AGENDA ITEM 10

Taylor Local User's Group Update



Upper Gunnison River Water Conservancy District

MEMORANDUM

TO: UGRWCD Board Members
FROM: Taylor Local Users Group (TLUG)
DATE: June 9, 2021
SUBJECT: Taylor Local Users Group Meeting Minutes

A TLUG meeting was held on Wednesday, June 9, 2021 via Zoom video/teleconference. Attending the meeting were the following TLUG members:

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 irrigators

Also present: Dan Brauch (CO Parks & Wildlife); David Gochis (National Center for Atmospheric Research-NCAR); Erik Knight (BOR); Ches Russell (Scenic River Tours); Jason Ullman (DWR), Ed Warner, (BOR) Sonja Chavez, Beverly Richards, Jill Steele and Sue Uerling (all UGRWCD staff)

Chair Don Sabrowski called the meeting to order at noon and asked Bev Richards to read the names of those participating via Zoom. Andy Spann was welcomed back to the group with good wishes for his rehabilitation.

Erik Knight of the Bureau of Reclamation provided an update on Taylor River Operations. Erik noted that conditions have not varied much from the previous May 1st forecast with Taylor Reservoir holding at about 59 percent of average, still leaving year end storage at about 58,000 feet in elevation, which is slightly higher than the last forecast. The Colorado River Forecast Center is forecasting about 24,000 acre feet of inflows for the month of June, and so far these figures are right on track. Erik noted that this could change with the hot temperatures predicted for the next couple of weeks. Erik noted that the peak occurred on June 5th, so inflows will likely drop

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going forward. Erik said that even though there was less snow accumulation in 2021 than in 2020, the snow melted off a little more slowly this year. Erik noted that even under the minimum probable scenario of 45,000 AF of 2021 runoff, resulting in very low end-of-season storage in 2021, it would still be possible to get back up to the average year-end season storage target of 70,000 AF in 2022 assuming there will be average precipitation and average runoff conditions in 2022.

David Gochis of the National Center for Atmospheric Research (NCAR) reported that NCAR's June 1st seasonal water supply forecasts for the Upper Gunnison basin show that values have mostly held steady for the Taylor River basin, while the East River values at Almont have trended downward a little. David reported that the Taylor River's median inflows for April through September 2021 are expected to be about 28,340 acre feet with the median total Taylor Reservoir inflow for the year coming in at 51,500 acre feet. He also said that all of the Snotel sights have long since melted out with the Schofield site melting out last as of June 3rd. David said there is not much snow left in the basin, but he agreed with Erik that the snow did melt off a little more slowly than last year.

Erik Knight then reviewed the three different worst case drought inflow model scenarios that were included with the meeting materials. Erik noted that the three models are based on historical data with April-July 2021 runoff volume assumptions of 58,000 AF; 49,000 AF and 45,000 AF.

Erik reiterated that even with the worst-case scenario of 45,000 AF of runoff, it would still be possible to reach 70,000 AF in 2022 with average precipitation, average runoff and the current release schedule. Erik said the biggest changes to these models will be when the focus shifts to post run-off, especially if conditions remain very dry during summer and fall. Erik asked if there were questions about the scenarios he provided. None were raised.

Chair Don Sabrowski asked for input on flow requests and questioned if it would be helpful for the rafting and agricultural interests if the group attempted to extend the season a little further by keeping releases at 250 cfs through the end of June and then bump it up to 300 cfs later in July. Mark Schumacher said that this would not really be saving any water but would just be shifting it to later, but that he did not have a problem with Don's suggestion.

Andy Spann agreed that he did not see this as a water saving measure but just shifting it later, but he worried that if irrigators are not seeing the releases they need for irrigation in late June and early July, they will just go to the river and create diversions for their needs which will affect users downstream.

Ernie Cockrell asked if there was a little boost from the Spring Creek draw down if the group could continue to be a little more conservative on the front end by keeping the current releases of 250 cfs through June 16th, bumping up to 275 cfs June 16th through July 15th rather than increasing to 300 cfs on July 1st? Ernie noted that he

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does not have a lot of confidence with the projected inflows based on last year's results and said that if conditions get worse, "you can't get the water back once it's gone."

Andy Spann suggested that the releases be kept at 250 cfs through June 16th, 275 cfs June 16th through 30th and then bumping up to 300 cfs July 1st through July 15th. Chair Don Sabrowski asked for a roll call vote. The motion carried unanimously.

Chair Don Sabrowski asked Dan Brauch of CO Parks and Wildlife (CPW) to update the group on Spring Creek Reservoir operations. Dan reported that CPW started drawing down the reservoir on Tuesday (June 8). Dan said the maximum the outlet pipe can handle will be between 60 and 70 cfs and that plans are still on target to have Spring Creek drawn down completely by August.

UGRWCD Manager Sonja Chavez reviewed the Gunnison River Festival (GRF) schedule for the upcoming weekend, noting that registration for the Taylor River races begins at 4:30 p.m. on Friday, followed by the awards ceremony, live band and barbecue at 6:45 p.m. at Campfire Ranch Campground/Gunnison Mountain Park. Sonja said there will be education workshops and tours on Saturday and the GRF Fun Run registration will begin at 9 am on Sunday, June 13 at the Van Tuyl Trail. See the full schedule at: www.gunnisonriverfestival.com.

Under miscellaneous updates, Sonja noted that according to Steve Anders from the USGS, the new gages at Texas and Willow Creeks were installed about three weeks ago and they are now collecting data. Rating curves are being developed and we should be able to rely on data beginning in July.

Chair Don Sabrowski asked the group if they wanted to resume in-person meetings. The consensus was to hold the meeting in person with the option of attending via Zoom, so the July TLUG meeting is scheduled for Wednesday, July 7th at 9 am at the UGRWCD conference room at 210 West Spencer, Suite B in Gunnison. The Zoom login information for the meeting will be provided with the July agenda.

Representative Pete Dunda announced that his band will play for the 4th of July Dance in the Three Rivers Pavilion from 2 to 5 p.m. He encouraged guests to bring their own snacks and drinks and help keep the tradition alive. Mark Schumacher noted that this will be the 100th Anniversary of the Three Rivers Pavilion.

There were no citizen comments.

Chair Don Sabrowski adjourned the meeting at 1 p.m.

AGENDA ITEM 10

Basin Water Supply Information

MEMORANDUM

TO: UGRWCD Board Members

FROM: Beverly Richards, Water Resource Specialist

DATE: June 18, 2021

SUBJECT: Basin Water Supply Information

The information supplied as part of this memorandum will be a monthly feature and will include information about drought conditions in the basin, streamflow information from USGS, Aspinall Unit operations from the Bureau of Reclamation, and Taylor Park Reservoir Storage information. 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 June 15, 2021, a large portion of Colorado is not experiencing any drought conditions (54.98%). This is in almost the entire eastern portion of the state. The western half of the state is not fairing as well as 41.42% of the Colorado is still in severe (D2) to exceptional (D4) drought conditions. As per the table below, there has been a significant change in drought severity since the beginning of the water year as more of the state has moved completely out of drought conditions and the amount of the state in D0 and D4 has increased and the portion in D1-D3 has decreased, quite substantially in some areas of the western part of the state. This is also reflected in Figure 1 below.

Date	None	D0	D1	D2	D3	D4
June 15, 2021	54.98	3.60	5.89	5.67	12.33	17.63
November 1, 2020	0	.71	9.94	36.47	50.24	2.64
Change	+54.98	+2.89	-4.05	-30.08	-37.91	+14.99

Table 1: Percent Area in Drought Categories - Colorado

U.S. Drought Monitor Colorado

June 15, 2021
(Released Thursday, Jun. 17, 2021)
Valid 8 a.m. EDT

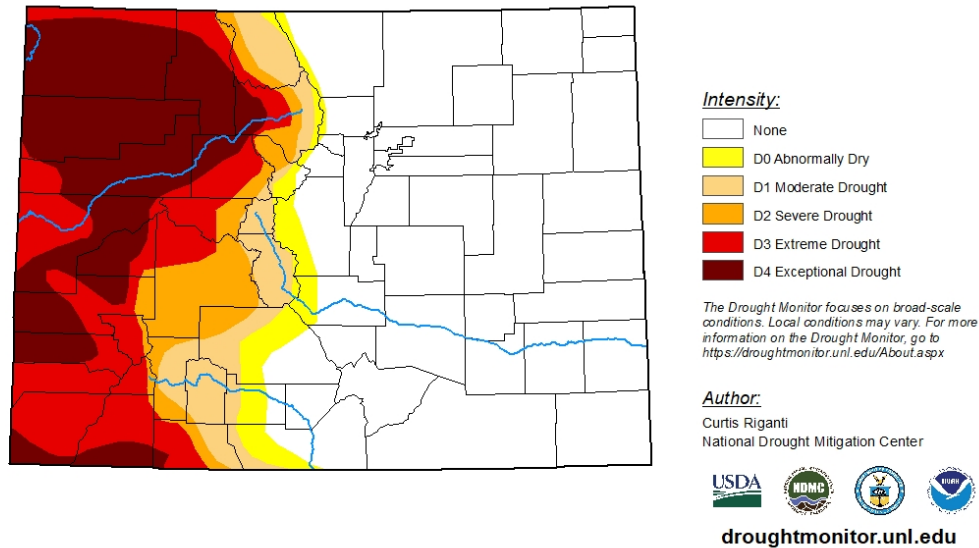


Figure 1: Colorado Drought Monitor

Gunnison County

As of June 15, Gunnison County is now 2.51% in moderate (D1) conditions, 73.31 in severe (D2) conditions, and 24.18% in extreme (D3) conditions. This is a change from the May 11 report and a considerable change from the conditions that existed on November 1, 2020, Table 2. The percentage in the D2 category has increased from the November statistics but has decreased since the May 11 report. The percentage in the D3 category has decreased significantly from November but has increased since the May 11 report.

Date	None	D0	D1	D2	D3	D4
June 15, 2021	0	0	2.51	73.31	24.18	0
May 11, 2021	0	0	2.90	90.65	6.46	0
November 1, 2020	0	0	0	.73	91.21	8.06
Change from November 1 to June 15	0	0	+2.51	+72.58	-67.03	-8.06

Table 2: Percent Area in Drought Categories – Gunnison County

However, the long-term forecast for Gunnison County is that drought conditions will persist, and a substantial portion of the county will move into exceptional (D4) conditions. This is reflected in Figure 2 below.

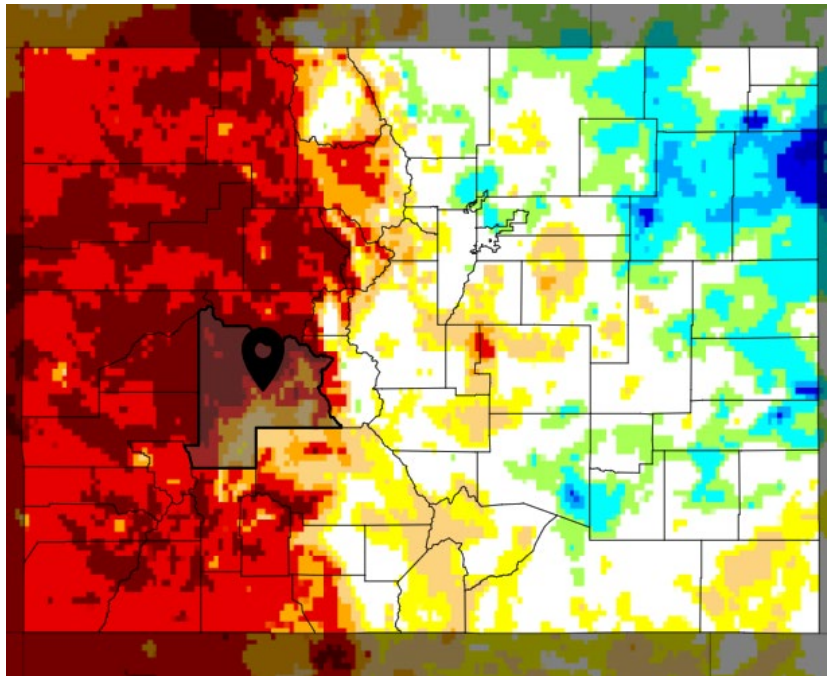


Figure 2: Long-Term Drought Conditions - Gunnison County

While drought conditions persist and are forecasted to worsen, precipitation in the county is forecasted to remain at below normal levels for the spring and summer and will likely not aid in helping to alleviate drought concerns. The *Drought Monitor* site is forecasting that there is a 33% chance that precipitation in a large portion of Gunnison County will continue to be below normal for at least the next 30 days, as reflected in Figure 3 below. The north and northeastern section of the county has a 40% chance that precipitation will remain below normal.

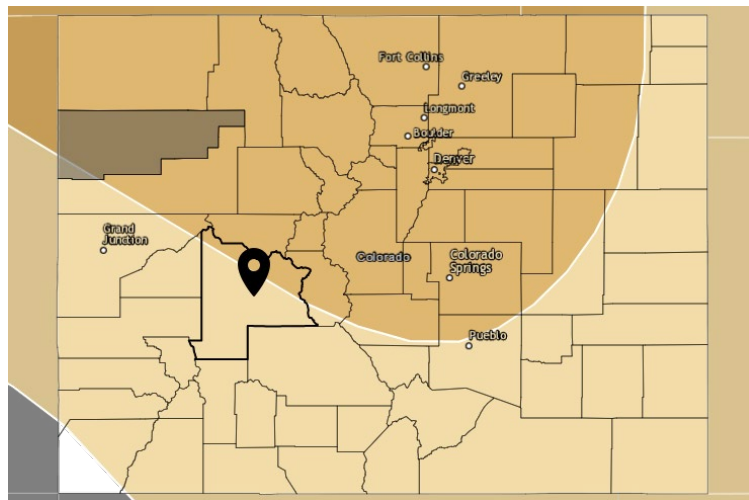


Figure 3: 30 Day Precipitation Outlook - Gunnison County

As a result of the low precipitation and warmer temperatures in Gunnison County, the Evaporative Demand Drought Index (EDDI) is currently categorized at ED3 or 98%. The EDDI is an indication of how much evaporative demand current conditions warrant, or how thirsty the atmosphere is as a result of these conditions. This is shown in Figure 4, Figure 5 shows what is forecasted for the 30-day outlook, which

shows that Gunnison County will likely move into ED4 or 100% EDDI category.

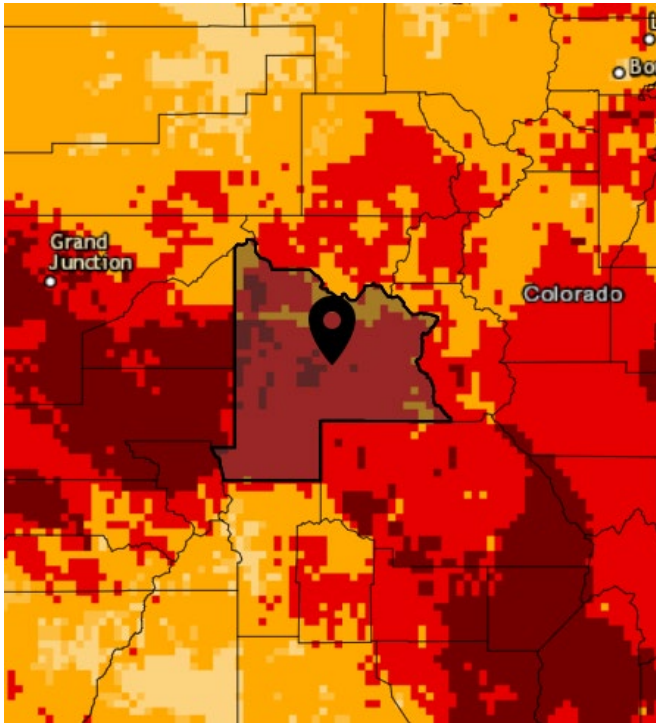


Figure 4: Current EDDI- Gunnison County

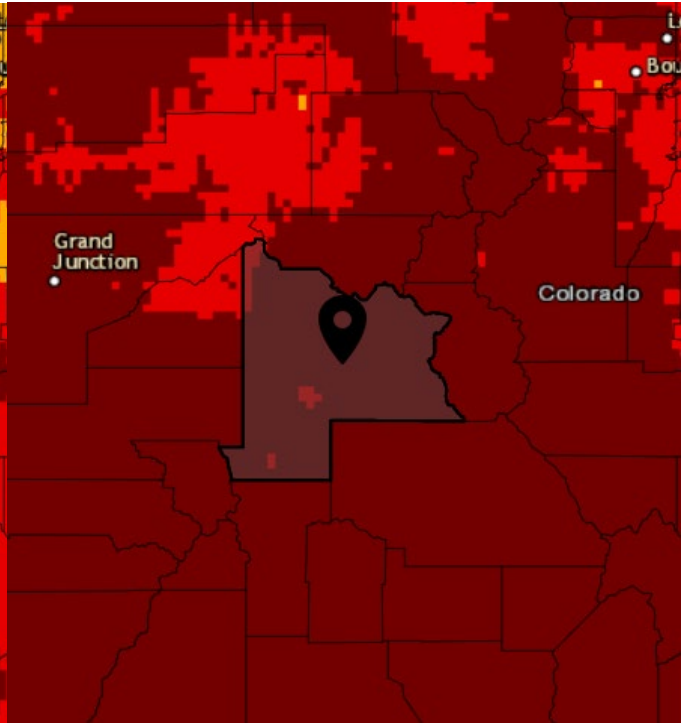


Figure 5: EDDI - Gunnison County - 30 Day

Hinsdale County

As of June 15, Hinsdale County is now 53.26% in moderate (D1) conditions, 45.50% in severe (D2) conditions, and 1.24% in extreme (D3) conditions. This is a change from the May 11 report and a considerable change from the conditions that existed on November 1, 2020. This is reflected in Table 3, which shows that the percentage in the D2 category has increased for the November statistics but has decreased since the May 11 report.

Date	None	D0	D1	D2	D3	D4
June 15, 2021	0	0	53.26	45.50	1.24	0
May 11, 2021	0	0	0	99.03	.97	0
November 1, 2020	0	0	0	0	60.32	39.68
Change from November 1 to June 15	0	0	+53.26	+45.50	-59.08	-39.68

Table 3: Percent Areas in Drought Categories - Hinsdale County

However, the long-term forecast for Hinsdale County is that drought conditions will persist, and a substantial portion of the county will move into exceptional (D4) conditions. This is reflected in Figure 6 below.

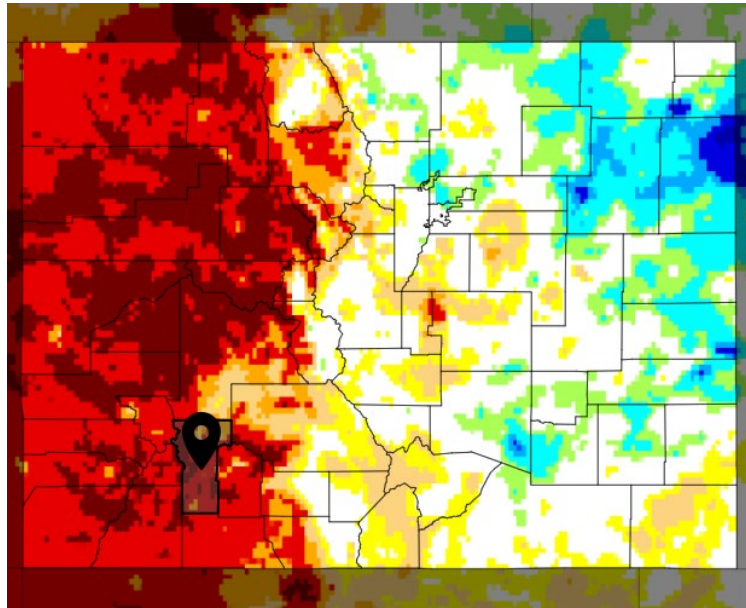


Figure 6: Long-Term Drought Conditions – Hinsdale County

While drought conditions persist and are forecasted to worsen, precipitation in the county is forecasted to remain at below normal levels for the spring and summer and will likely not aid in helping to alleviate drought concerns. The *US Drought Monitor* site is forecasting that there is a 33% chance that precipitation in Hinsdale County will continue to be below normal for at least the next 30 days, as reflected in Figure 7 below.

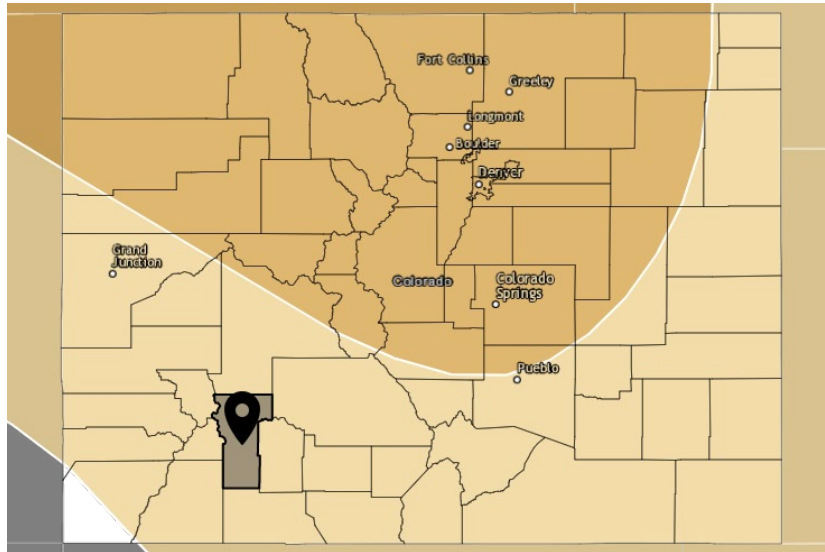


Figure 7: 30 Day Precipitation Outlook - Hinsdale County

As a result of the low precipitation and warmer temperatures in Hinsdale County, the Evaporative Demand Drought Index (EDDI) for most of the county is currently categorized at ED2 or 95%. The EDDI is an indication of how much evaporative demand current conditions warrant, or how thirsty the atmosphere is as a result of these conditions. This is shown in Figure 8, Figure 9 shows what is forecasted for the 30-day

outlook, which shows that Hinsdale County will likely move into 100% EDDI category.

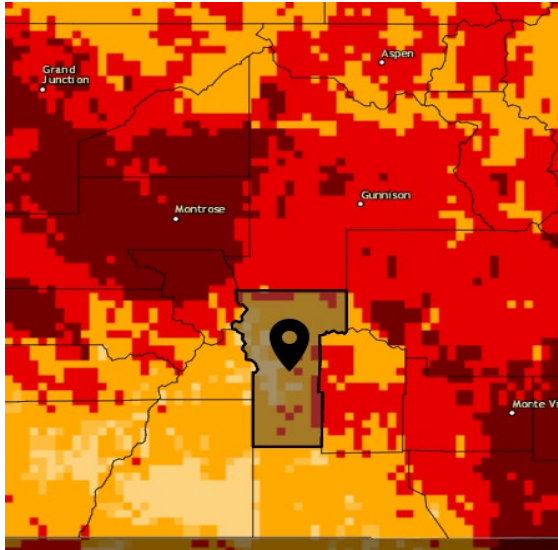


Figure 8: Current EDDI- Hinsdale County

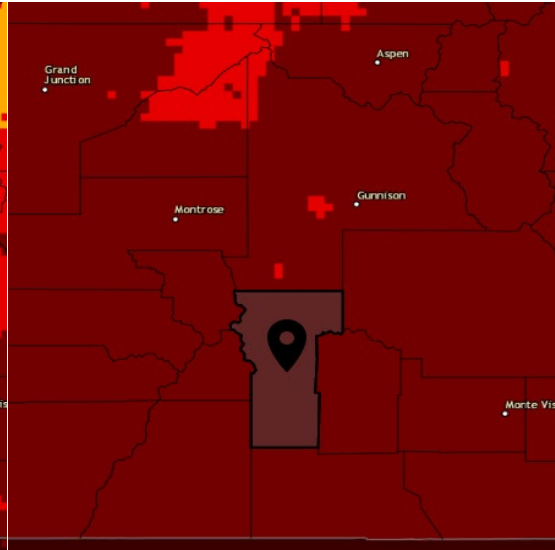


Figure 9: EDDI – Hinsdale County - 30 Day

Saguache County

As of June 15, Saguache County has shown the most improvement in drought conditions. The County is now 33.13% in no drought conditions, 27.82% in abnormally dry (D0) conditions, 25.17% in moderate (D1) conditions, and 13.88% in severe (D2) conditions. This is also a change from the May 11 report and a considerable change from the conditions that existed on November 1, 2020. This is reflected in Table 4 which shows that the D0 category has increased from the November statistics but has decreased since the May 11 report.

Date	None	D0	D1	D2	D3	D4
June 15, 2021	33.13	27.82	25.17	13.88	0	0
May 11, 2021	0	35.59	27.17	37.24	0	0
November 1, 2020	0	0	48.44	29.17	22.39	0
Change from November 1 to June 15	+33.13	+27.82	-23.27	-15.29	-22.39	0

Table 4: Percent Areas in Drought Categories – Saguache County

The long-term projections for Saguache County are that drought conditions will persist, and a portion of the county will return to the extreme (D3) and exceptional (D4) categories, Figure 10.

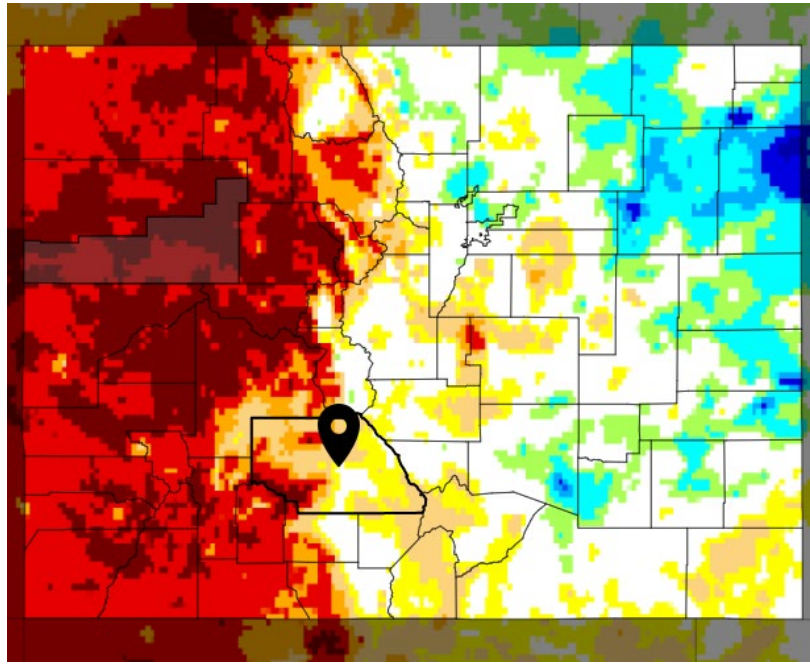


Figure 10: Long-Term Drought Conditions – Saguache County

As with Gunnison and Hinsdale counties drought conditions in Saguache County persist and are forecasted to worsen, precipitation in the county is forecasted to remain at below normal levels for the spring and summer and will likely not aid in helping to alleviate any additional drought concerns. The *Drought Monitor* site is forecasting that there is a 33% chance that precipitation in Saguache County will continue to be below normal for at least the next 30 days, as reflected in Figure 11 below.



Figure 11: 30 Day Precipitation Outlook – Saguache County

As a result of the low precipitation and warmer temperatures in Saguache County, the Evaporative Demand Drought Index (EDDI) is currently categorized at ED3 or 98%. The EDDI is an indication of how much evaporative demand current conditions warrant, or how thirsty the atmosphere is as a result of these conditions. This is shown in Figures 12 and 13 which shows the current EDDI and the forecasted for the 30-day outlook. The 30-day outlook indicates that like Gunnison and Hinsdale counties, Saguache will

likely move into the ED4 category or 100% EDDI category.

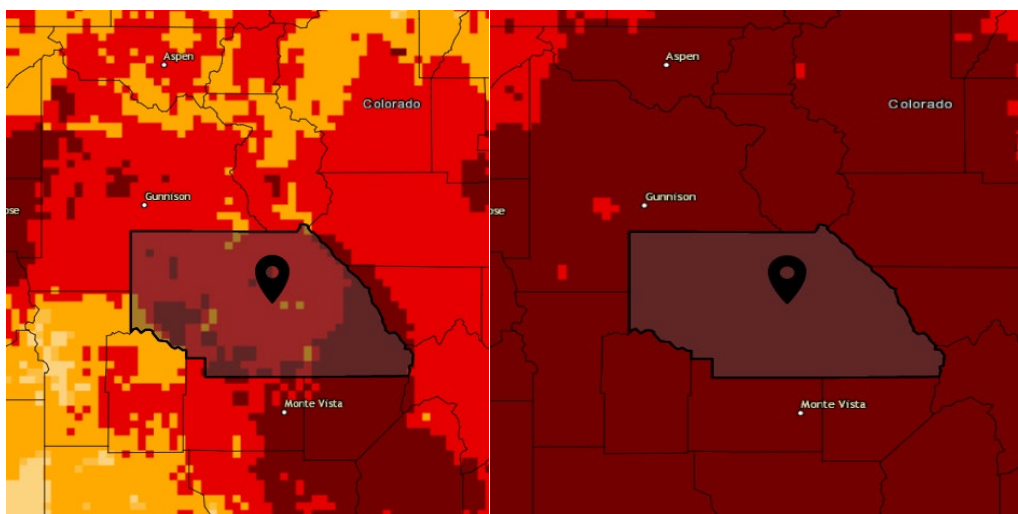


Figure 12: Current EDDI- Hinsdale County

Figure 13: EDDI – Hinsdale County - 30 Day

Conditions across the Western US

In much of the western part of the country, the *Drought Monitor* website shows that there had been a degradation in northeastern California and south-central Oregon, southern Montana, central, western, and east central Wyoming, and the high country of western and central Colorado. All of these areas saw short and long-term precipitation deficits continue to grow. Most of the west region remained in moderate to exceptional drought conditions. In central California, farmers have been warned about potential water cutoffs, while wildfire concerns and firework restrictions are prevalent in Utah, Arizona, and New Mexico.

Snowpack Information:

According to the NRCS *Colorado Water Supply Report for June 1*, the remaining higher-elevation western snowpack was well below average? for the year in Colorado with the exception of the South Platte Basin on the Front Range, see Figure 14 for the snowpack summary from June 1. They classified the 2020-2021 snow season as a snow drought which was initially caused by a lack of precipitation and intensified after April 1. A serious decline in snow water equivalent was observed throughout April due to the warm and dry conditions in much of the western part of the state.

It was also pointed out that much of the snow in the western part of the state has already melted, one to four weeks early. This rapid melt out, low snowpack, and poor runoff have led to significant concerns going into the summer.

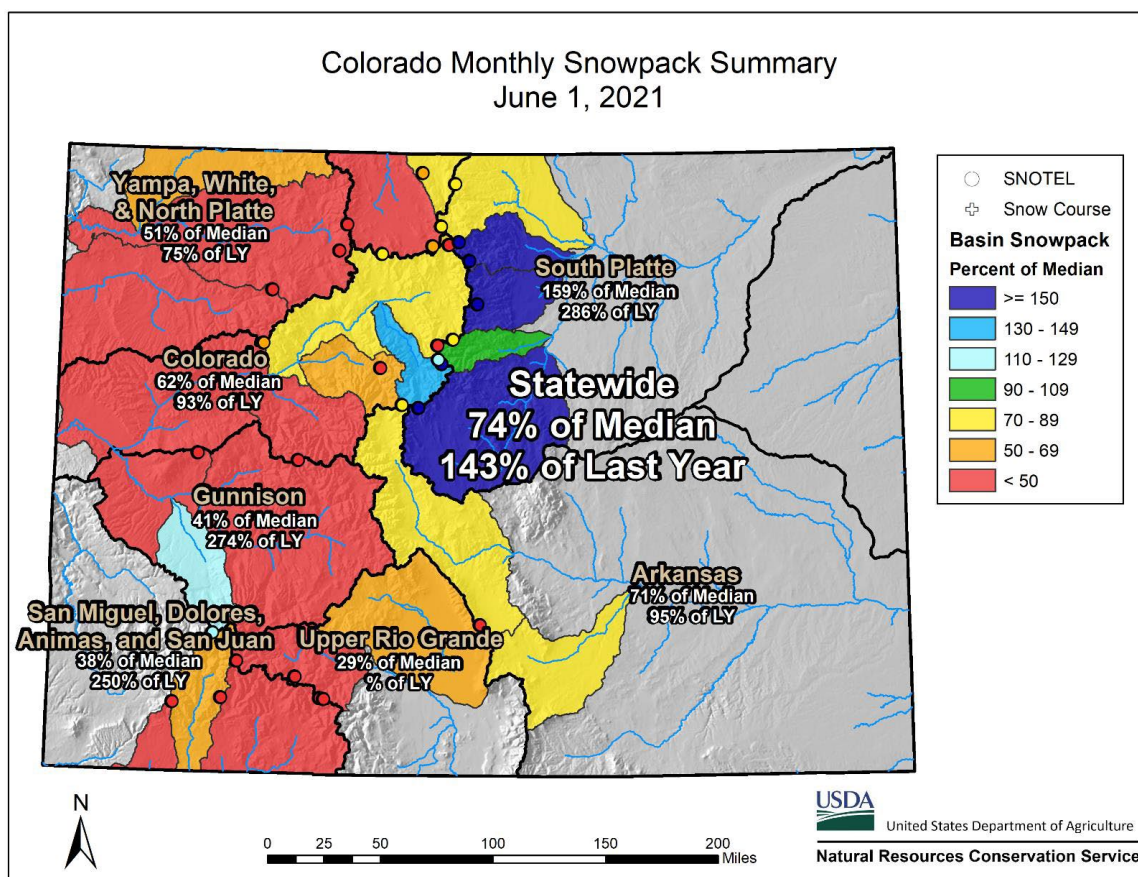


Figure 14: NRCS Snowpack Summary - 2021

Colorado statewide snowpack is currently (June 1) 74% of normal and every major basin currently has a below normal snowpack, except for the South Platte River basin which is 159% of normal. As of June 1, 63 percent of all SNOTEL stations across Colorado have fully melted out. The stations that have melted out are scattered across the state at different elevations and aspects, but the majority are in the southern mountains. As of June 1, the entire Gunnison basin is 41% of normal, the Rio Grande basin is 29% of normal, and the combined San Miguel-Dolores-Animas-San Juan river basins are 38% of normal. The Upper Gunnison River basin, as of June 1, 2021, is 75% of normal on this date, compared with 2020 where the basin was at 83% on June 1.

In May the precipitation along the Gunnison River was a bit more promising compared to last year. The precipitation map below, Figure 15, shows how much precipitation was received by the end of May. The entire Gunnison River basin had 94% of normal precipitation for the month, and the Upper Gunnison River basin had 97% of normal precipitation in May. Compared to last year, the Upper basin had only 43% precipitation recorded at the end of May 2020.

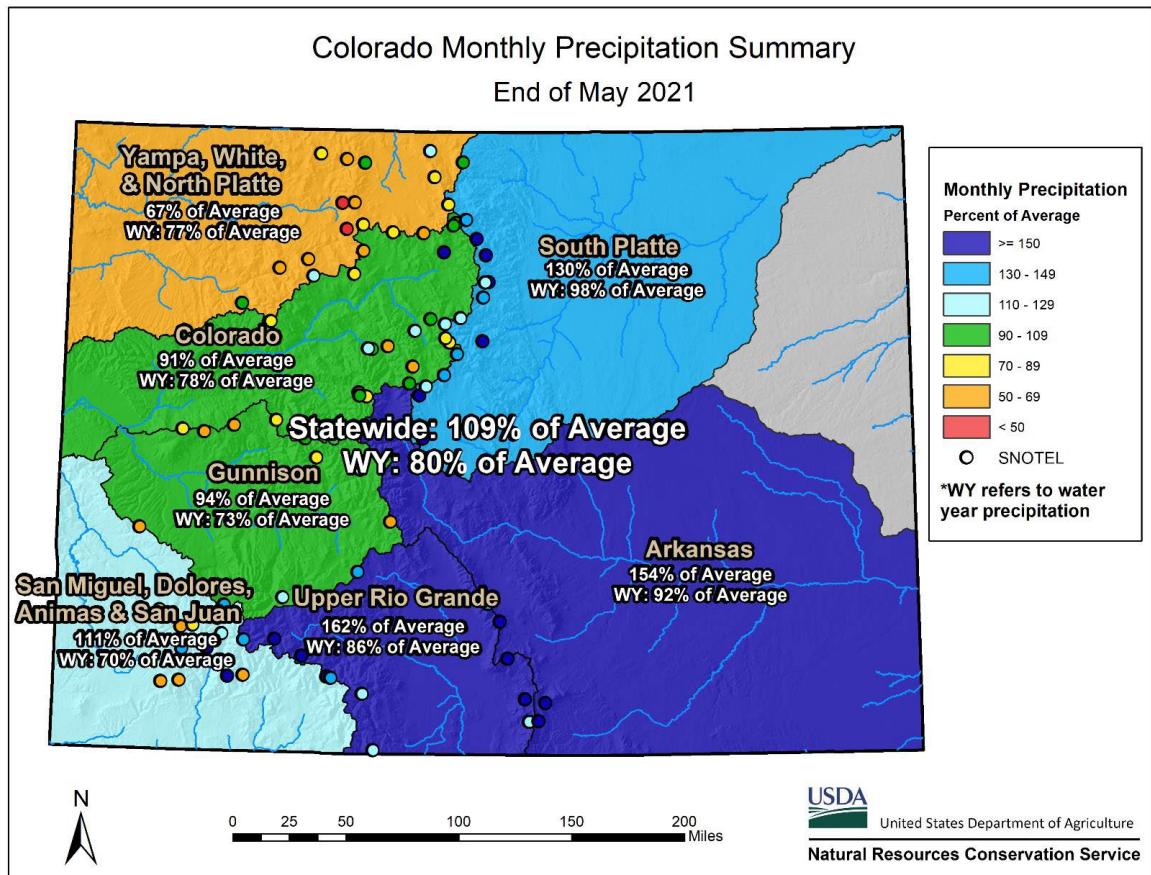


Figure 15: Colorado Monthly Precipitation Map - May

As of June 17, 2021, reservoir storage in the entire Gunnison Basin is at 86% of average for the year. The reservoirs in the Upper Gunnison Basin, Taylor Park and Blue Mesa, are at 74% and 47% respectively, which is a slight increase in both reservoirs due to the melting of snowpack and increased releases out of Taylor Park Reservoir, 275 cfs beginning June 16. With much of the snowpack in many basins already melted out, persistent dry soil conditions, and little chance of heavy precipitation forecasted for the balance of the summer, streamflow will likely remain at lower levels. All basins on the western slope are forecasted to have streamflow volumes ranging from 34% to 73% of average. See Table 5 below for current Upper Gunnison streamflow readings as of June 17, 2021. Figure 16 shows the location of the USGS gage site used in the upper basin.

Table 5: Streamflow - Upper Gunnison Basin

Streamflow Gage Sites	Amount (CFS)
Gunnison River near Gunnison	874
Gunnison River at Whitewater Park	797
Tomichi Creek at Sargents	52
Tomichi Creek at Gunnison	96
Taylor River at Taylor Park	210
Taylor River below Taylor Park	281
Taylor River at Almont	397
Slate River above Baxter Gulch	202
East River below Cement Creek	493
East River at Almont	480
Lake Fork below Lake San Cristobal	325
Henson Creek at Lake City	320
Lake Fork at Gateview	739

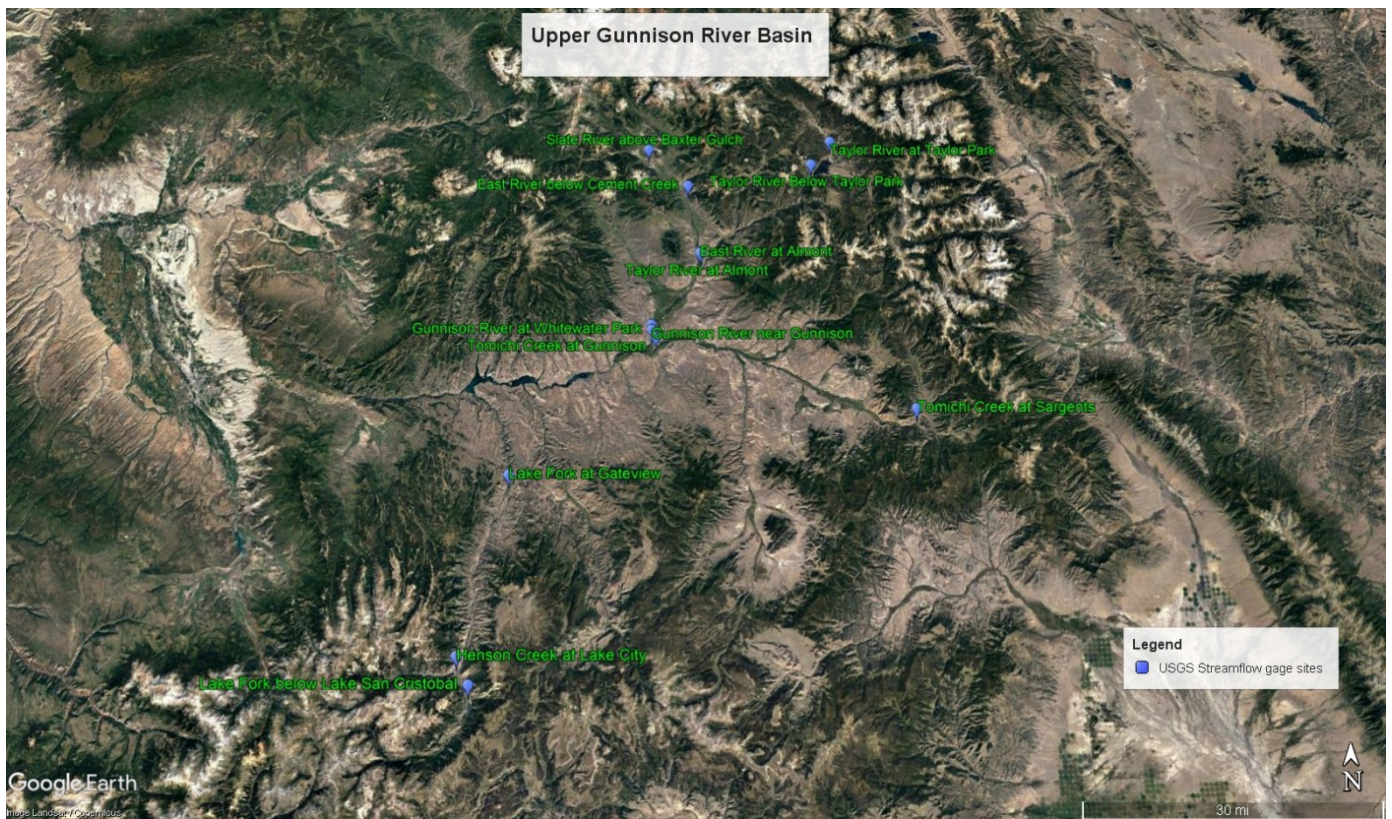


Figure 16: USGS Streamflow Gage Sites

Aspinall Unit Forecast for Operations:

The Bureau of Reclamation provided us with the forecast for operations for the Aspinall Unit as of June 8, 2021. The report includes information about forecasted inflows and storage amounts in Blue Mesa Reservoir, and projected spring operations. This information reiterates the information from other sources within the state, that things are dry and are likely to remain dry through the spring and into the summer.

- Blue Mesa Forecasted (April- July) Unregulated Inflows: 310,000 AF (46% of average)
- Blue Mesa Current Conditions (June 17, 2021): 391,689 AF Content (47% full)
- Projected Blue Mesa maximum fill: 407,000 AF Content (49% full). This is down from 61% in the May update.
- Projected Blue Mesa End of Year content (i.e., 12/31/21): 234,000 AF (28% full). This is down from 37% in the May update.

See Figures 17 and 18 below for a look at these forecasts.

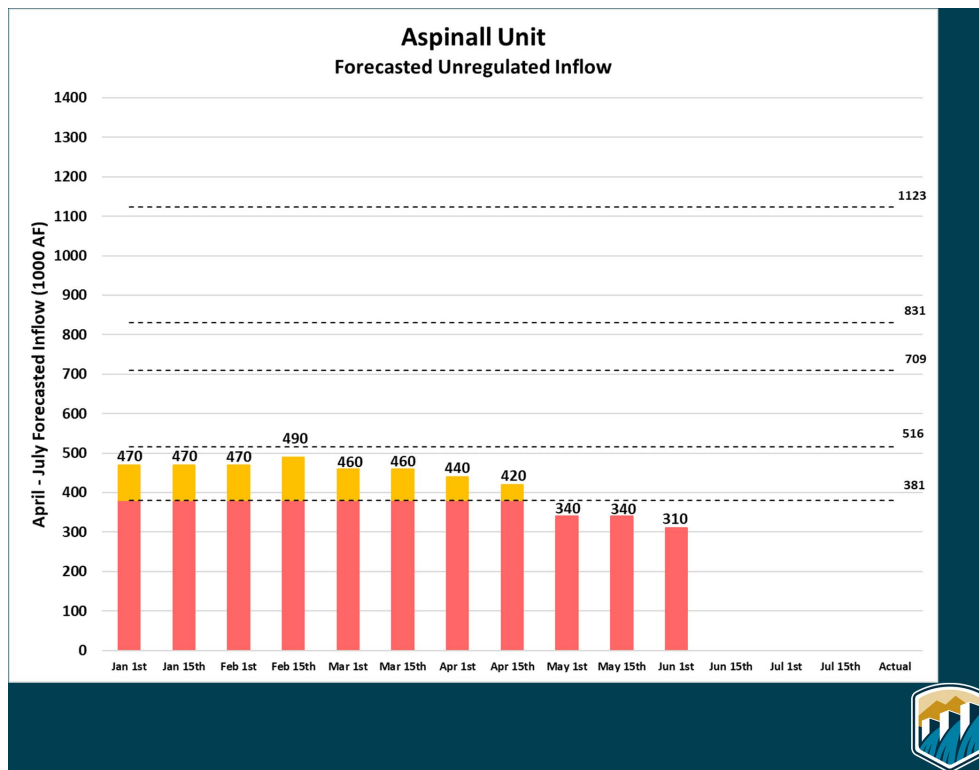


Figure 17: Forecasted Inflows - Blue Mesa

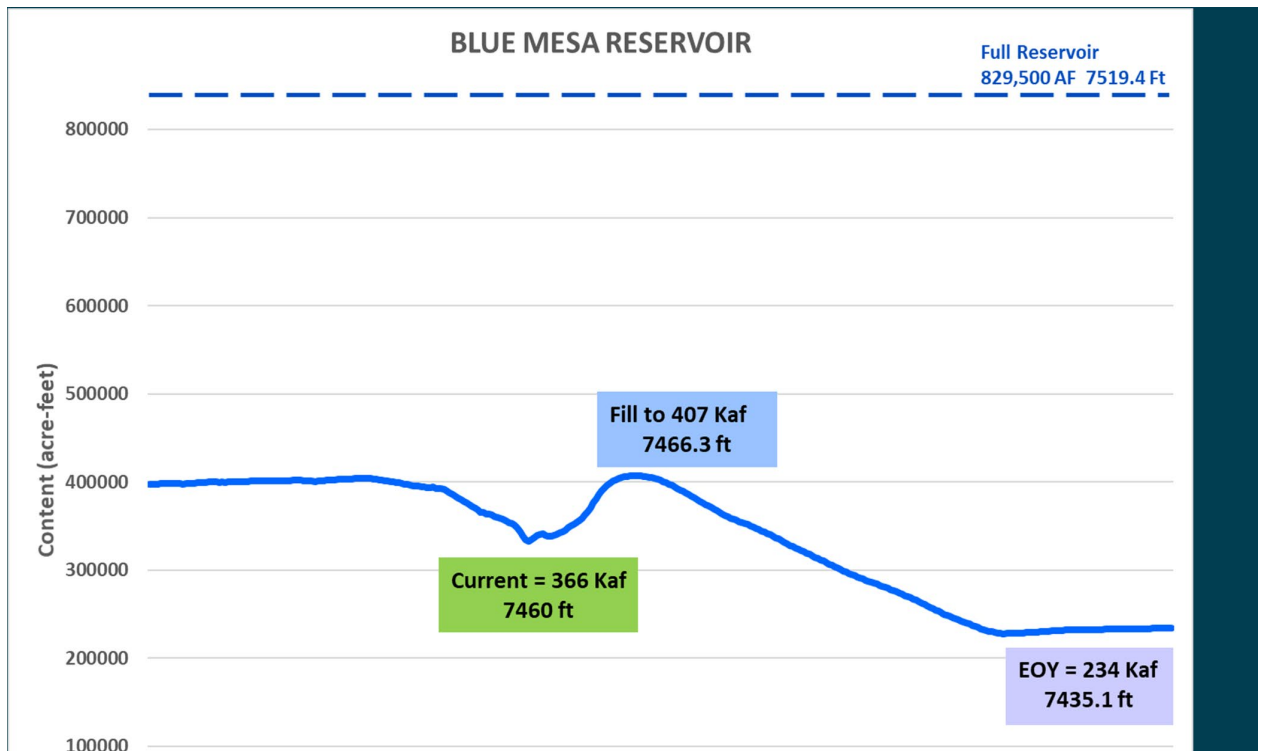


Figure 18: Projected Storage Amounts - Blue Mesa

Taylor Park Reservoir Storage:

The Bureau of Reclamation provided us with the Taylor Park Reservoir update report. The proposed operations plan is based upon June 1 forecasts from the Colorado River Basin Forecast Center (Center). The Center is forecasting approximately 58,090 acre-feet of runoff flowing into the reservoir which is 60% of average. This forecast indicates that the reservoir will fill to 79,623 acre-feet which is 78% of full. However, the end of year content is forecasted to only be 56,523 which is 53% full. These forecasts will continue to 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 June 9 and the group recommended making a slight change to the operations plan in an effort to conserve late season storage. The change included delaying ramp up of releases to 300 cfs by two weeks (i.e., start 300 cfs release on July 1 versus June 16). The current recommendations are as follow:

- June 1-15: 250 cfs
- June 16- June 30: 275 cfs
- July 1-15: 300 cfs

The TLUG group will revisit the release numbers for July at the July TLUG meeting once the July 1st forecast has been received. This meeting will be held on July 7, 2021, at 9:00 a.m. Also, it was reported at the meeting that the new gages at Texas and Willow Creeks were installed about three weeks ago and they are now collecting data. Rating curves are being developed for the gages and reliability of readings should occur around July 1. Information coming from these gages will be discussed at the July meeting.

Do Your Rain Dance and Conserve!

AGENDA ITEM 10

Scientific Endeavors

AGENDA ITEM 10

Gunnison River Festival Report

The 18th Annual Gunnison River Festival was held June 11-13, 2021 with three great days of “Celebrating the Rivers” of the Upper Gunnison Basin, including the favorite Taylor Downriver raft and kayak races, and new this year educational seminars, dry land and in-flow clinics, virtual race and “Run the Gunnison 5K” footrace at VanTuyl Trail.

“After a year off due to the pandemic, it was so great to get to celebrate again in person and take advantage of the great weather and good stream flow,” said Joellen Fonken, director of the Gunnison River Festival, a nonprofit organization who’s title sponsor is the Upper Gunnison River Water Conservancy District.

Joellen noted that the festival would not be possible without funding assistance from these sponsors: Merrick & Company, Tava Real Estate, High Country Conservation Advocates, Lake Fork Valley Conservancy, High Mountain Liquors, Gunnison County, City of Gunnison, Gunnison BLM and American Whitewater.



The women prepare to dig in for the Women’s Division of the American Whitewater Taylor River Raft and Kayak Races. The women’s division was won by Kestrel Kunz.



Even a dog got in on the rafting! The overall winner of the American Whitewater Taylor River Raft Race was Jennifer Hodgkiss and team.



The competition in the Men's Division of the American Whitewater Taylor Kayak Races was tight with Daniel Kreykes crowned the overall winner.



Swift water rescue, rigging, packrafting, and water topics were covered and enjoyed by paddlers and the general public.



The lead group of runners heads to the finish line during the inaugural 5K Fun Run. Overall winner was Katie Ruck with a time of 22.27

AGENDA ITEM 11

Demand Management Statement Update

Upper Gunnison River Water Conservancy District

Statement of Understanding: Demand Management

As part of the Upper Colorado River Basin States' drought contingency planning, the Colorado Water Conservation Board (CWCB) is currently investigating the feasibility of a potential Demand Management program for the state. Demand Management is the concept of temporary, voluntary, and compensated reductions in the consumptive use of water in the Upper Colorado River Basin to assure compliance with the Colorado River Compact. In March 2021, CWCB released the first draft Demand Management Framework, a matrix of options - of Elements of Feasibility - for what a potential program could look like if created. After a review of the Framework, the District's Board of Directors has issued the following response.

The Framework is a useful step in understanding the potential impacts of a Demand Management program; however, despite the comprehensive matrix, the Framework does not adequately address key issues that are important to the District.

Funding

Funding is the most challenging obstacle to a Demand Management program in Colorado. The Framework provides general concepts and a range of annual costs from \$3million to \$30 million. To make progress on a program within a reasonable time, the annual cost must be established with more certainty and a funding source specifically identified.

Equity

CWCB has declared its policy to:

“Prioritize avoidance of disproportionate negative economic or environmental impacts to any single subbasin or region within Colorado while protecting the legal rights of water rights holders. The Board will work with water rights holders and stakeholders to assess the feasibility of and promote mechanisms for obtaining roughly proportionate contributions of water consumptively used from the Colorado River System to a Demand Management program over a given timeframe from participants on each side of the Continental Divide.”¹

The framework does not address how the state can assure that an entirely voluntary program will be equitable and proportional across the state. Determining how this inconsistency will be resolved is critical to a successful program.

Agricultural Impacts

The Framework analysis of field requirements is focused entirely on “crops” – cultivated plants - with no discussion addressing irrigated hay meadows that is the only type of commercial

¹ *Support and Policy Statements Regarding Colorado River Drought Contingency Plans, Demand Management and Compact Administration*, November 15, 2018.

agriculture in the Upper Gunnison Basin. Reduced consumptive use for a hay meadow involves consequences that are different from cultivated crops. This observation is true for a significant portion of West Slope agriculture, so further analysis is needed.

The Framework contains a thoughtful discussion of how to address secondary impacts that are the result of a Demand Management program. Beyond that, however, CWCB needs to make a firm commitment that compensation to agricultural participants will not be limited to loss of income from the crop not produced.

Legal

The Framework does not address the legal obstacles that a Demand Management program faces. Significant among them are shepherding, beneficial use, and integration with the priority system. To accomplish the goal of a Demand Management program, the conserved water must reach Lake Powell. It is not clear whether current law provides authority in Colorado and Utah to shepherd the water to Lake Powell, without which conserving water for Compact compliance is useless. Although ~~this was~~ these omissions were intentional, as part of the feasibility analysis, CWCB must expand the Framework and identify the legal obstacles and propose a method to overcome them. A matrix of methods will not suffice.

Compact Administration

Compact administration is the responsibility of the State Engineer. Nevertheless, CWCB must work with the State Engineer to define a no-action alternative. Understanding that alternative is essential to a water user's decision to participate in a Demand Management program. The State Engineer has announced his intention to initiate the process to develop suggested that Basin Measurement Rules as a first step in evaluating Compact administration. The District supports this approach. effort, even if not directly related to Compact administration, because effective administration of water rights requires accurate measurement.

Funding

The most significant challenge to creation of a Demand Management program is developing a mechanism to fund the program. The Framework provides only general concepts, and while it recognizes potential disparity in costs among participants, it offers no specific solution for this problem. Much more detailed analysis of funding sources is needed.

Next Steps

The Framework only briefly addresses how the “building blocks” will be assembled, or by whom, and when. Process considerations need to be expanded to provide a definite plan for refining the Framework to a structure for a Demand Management program.

AGENDA ITEM 12

Miscellaneous Matters

Reports

Monthly Energy Production Report

Generated for Beverly Richards
on 06/21/2021

UGRWCD

Gunnison, CO

This report provides energy production for June.

Week	Peak Power	Energy Produced
06/01/2021 - 06/07/2021	5.92 kW	297 kWh
06/08/2021 - 06/14/2021	5.92 kW	351 kWh
06/15/2021 - 06/21/2021	5.93 kW	242 kWh
06/22/2021 - 06/28/2021	0 W	0 Wh
06/29/2021 - 06/30/2021	0 W	0 Wh
June 2021 Total:		889 kWh
Previous Month Total:		1.18 MWh
Year to Date:		5.32 MWh
Lifetime Production:		19.8 MWh

Your **Carbon Offset** for this month: 1,350.0 lbs

You have offset the equivalent of: **16 Trees**





Browser not supported

Use Microsoft Edge, Google Chrome, Firefox or Safari to access the fresh new look of MyEnlighten with the exciting new features.

Ok, Got It

GUNNISON RIVER - OFFICIAL ACCOUNTING SHEET

Daily Summary for Month --> Jun 2021

		River Call				Average Flow		Taylor Park Reservoir				Silver Jack Reservoir				Aspinall Unit				GUNNISON TUNNEL ALLOCATION																		
Day of Month		Silver Jack Reservoir & Juniors In Priority (1=Yes, 0=No)	Run AU and TP Exchange to fill GT (1=Yes, 0=No)	Excess Released TP Inflow and AU Nat Inflow (cfs)	Gun Tunnel (GT) Shortage after AU Nat Inflow and TP Inflow (cfs)	3-Day Average GT Shortage after AU Nat Inflow and TP Inflow (cfs)	Excess TP Inflow and AU Nat Inflow (cfs)	TP Res. Content (af)	USGS outflow (cfs)	TP Computed Inflow (cfs)	1st Fill - Storage - in TP (af)	2nd Fill - Storage - in TP (af)	Other Account Storage - in TP - (af)	AU Storage - in TP - (af)	SJ Res Content (af)	Reservoir Storage (cfs)	BP - Storage - in SJ (af)	AU Water - Storage - in SJ (af)	BM Res Content (af)	MP Res Content (af)	CR Res Content (af)	AU Change In Storage (af)	AU inflow below TP & with AU Aug Rel (cfs)	1st Fill - Storage - in AU (af)	UGRWCD Contract water (af)	Gun. River below East Portal (cfs)	Total Gunnison Tunnel Divs (cfs)	Type of Water Diverted into Tunnel										Tot 1st fill
																												GT Divs - AU inflow minus TP released (cfs)	GT Divs - TP Released Inflow (cfs)	GT Divs - SJ Storage Inflow by AU Exch (cfs)	GT Divs - UGRWCD Contract Water Rel (cfs)	GT Divs - Rel from 2nd Fill for Rec/Fish (cfs)	GT Divs - 1st Fill Credit in AU (cfs)	GT Divs - exchange w/ 2nd Fill in TP (cfs)	Remain. 1st Fill Credits in TP and AU (af)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(10)	(13)	(14)	(18)	(24)	(29)	(34)	(36)	(39)	(43)	(47)	(49)	(53)	(57)	(61)	(62)	(64)	(68)	(69)	(70)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(81)	(82)			
1	1	0	1,539	0	1,743	0	70,338	250	377	56,117	14,222	0	0	8,507	117	8,507	0	355,176	113,095	17,062	1,740	1,522	2,201	40,941	0	483	1,039	1,039	0	0	0	0	0	0	97,058			
2	1	0	1,851	0	1,730	0	70,642	250	409	55,612	15,030	0	0	8,757	127	8,757	0	357,821	112,936	16,870	2,294	1,522	2,481	41,437	0	483	1,039	1,039	0	0	0	0	0	0	97,049			
3	1	0	1,780	0	1,723	0	71,123	250	498	55,108	16,015	0	0	9,116	182	9,116	0	359,634	112,832	17,136	1,975	1,523	2,322	41,933	0	484	1,039	1,039	0	0	0	0	0	0	97,041			
4	1	0	2,274	0	1,968	0	71,800	251	598	54,601	17,198	0	0	9,640	265	9,640	0	362,426	112,554	17,380	2,758	1,523	2,715	42,431	0	484	1,039	1,039	0	0	0	0	0	0	97,032			
5	1	0	3,103	0	2,386	0	72,693	251	707	54,095	18,598	0	0	10,302	335	10,302	0	366,142	113,239	17,163	4,184	1,525	3,436	42,929	0	485	1,040	1,040	0	0	0	0	0	0	97,023			
6	1	0	2,913	0	2,764	0	73,494	252	662	53,586	19,907	0	0	10,998	352	10,998	0	369,635	113,719	17,089	3,899	1,525	3,292	43,429	0	485	1,040	1,040	0	0	0	0	0	0	97,015			
7	1	0	3,409	0	3,142	0	74,153	252	590	53,078	21,074	0	0	11,535	272	11,535	0	374,450	113,927	17,086	5,021	1,527	3,860	43,928	0	486	1,041	1,041	0	0	0	0	0	0	97,007			
8	1	0	2,358	0	2,893	0	74,862	0	364	53,070	21,792	0	0	11,952	211	11,952	0	378,550	113,815	16,947	3,848	0	1,994	43,928	0	0	0	0	0	0	0	0	0	0	96,999			
9	1	0	1,796	0	2,521	0	75,531	0	343	53,062	22,469	0	0	12,422	238	12,422	0	381,988	113,535	16,563	2,775	0	1,453	43,928	0	0	0	0	0	0	0	0	0	0	96,991			
10	1	0	1,548	0	1,900	0	76,065	0	275	53,054	23,011	0	0	12,702	142	12,702	0	384,879	113,327	16,296	2,416	0	1,272	43,928	0	0	0	0	0	0	0	0	0	0	96,982			
11	1	0	1,016	0	1,453	0	76,535	0	242	53,046	23,489	0	0	12,958	130	12,958	0	387,088	112,467	16,374	1,427	0	774	43,928	0	0	0	0	0	0	0	0	0	0	96,974			
12	1	0	1,443	0	1,336	0	76,924	0	202	53,038	23,886	0	0	13,114	80	13,114	0	390,378	111,896	16,008	2,353	0	1,241	43,928	0	0	0	0	0	0	0	0	0	0	96,966			
13	1	0	1,083	0	1,181	0	77,280	0	185	53,030	24,250	0	0	13,132	10	13,132	0	392,608	111,216	16,128	1,672	0	898	43,928	0	0	0	0	0	0	0	0	0	0	96,958			
14	1	0	955	0	1,160	0	77,567	0	151	53,022	24,545	0	0	13,123	0	13,123	0	393,883	110,847	16,709	1,485	0	804	43,928	0	0	0	0	0	0	0	0	0	0	96,950			
15	1	0	755	0	931	0	77,804	0	125	53,014	24,790	0	0	13,120	0	13,120	0	393,947	111,540	17,092	1,140	0	630	43,928	0	0	0	0	0	0	0	0	0	0	96,942			
16	1	0	641	0	784	0	77,974	0	91	53,006	24,968	0	0	13,108	0	13,108	0	394,775	111,864	16,920	981	0	550	43,928	0	0	0	0	0	0	0	0	0	0	96,934			
17	1	0	515	0	637	0	78,126	0	83	52,998	25,128	0	0	13,085	0	13,085	0	395,540	111,730	17,038	748	0	432	43,928	0	0	0	0	0	0	0	0	0	0	96,926			
18	1	0	467	0	541	0	78,246	0	66	52,990	25,256	0	0	13,074	0	13,074	0	396,308	111,651	17,035	686	0	401	43,928	0	0	0	0	0	0	0	0	0	0	96,919			
19	1	0	243	0	408	0	78,384	0	75	52,982	25,401	0	0	13,062	0	13,062	0	396,822	111,761	16,633	223	0	167	43,928	0	0	0	0	0	0	0	0	0	0	96,911			
20	1	0	44	0	251	0	78,384	0	6	52,974	25,409	0	0	13,033	0	13,033	0	397,080	111,453	16,650	-34	0	38	43,928	0	0	0	0	0	0	0	0	0	0	96,903			
21								0																		0												
22								0																		0												
23								0																		0												
24								0																		0												
25								0																		0												
26								0																		0												
27								0																		0												
28								0																		0												
29								0																		0												
30								0																		0												
31								0																		0												
Total	20	0	29,732	0	31,453	0		1,756	6,049					2,460								41,589	10,667	30,961			3,390	7,277	7,277	0	0	0	0	0	0			
Tot (af)			58,974	0	62,386	0		3,483	11,997					4,880								82,492	21,158	61,411			6,724	14,434	14,434	0	0	0	0	0	0			
Min	1	0	44	0	251	0	70,338	0	6	52,974	14,222	0	0	8,507	0	8,507	0	355,176	110,847	16,008	-34	0	38	40,941	0	0	0	0	0	0	0	0	0	0	96,903			
Max	1	0	3,409	0	3,142	0	78,384	252	707	56,117	25,409	0	0	13,132	352	13,132	0	397,080	113,927	17,380	5,021	1,527	3,860	43,928	0	486	1,041	1,041	0	0	0	0	0	0	97,058			

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

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Lake City "Silver World"
5/21/21



ate spring days have returned
ce City's downtown park, a
ier crowds in the park soon to

ity Area Recreation this summer
latables used in Bumper Soccer
be held in the park Monday and
rs, shown here with Dax Elkins
in a lively game.

— photo, Ben Hake

someone's yellow kayak which was left out at the

Manager Interviews, Drought Pre-Planning Top Town Agenda

by Laura Neely

Interviews for new Town Manager, drought planning for upcoming season, and Third Street Project took center stage on the agenda at Lake City Board of Trustees' meeting on May 5.

At the first of their twice-per-month meeting, Lake City Town Trustees once again convened remotely on the Zoom platform.

Those in attendance were Mayor Bruce Vierheller; Trustees Jud Hollingsworth, Michelle Martin, Dave Roberts, Linda Payne, Jesse Kendall, and Doug Hamel, together with town staff, Public Works Director Jameson Johnston, Recreation Director Ben Hake, and Town Clerk Jennifer Rightsell.

Update from Screening Committee to hire new Town Manager - The hiring process is ongoing as the three finalists plan to be in Lake City Friday, May 21st. Dustin Stambaugh, Vance Lipsey, and Michael Patterson will be given various tours throughout Lake City to give the applicants a more thorough feel of the town. The tours will be given by the Public Works Department, the Recreation Department, and a small walking tour given by Grant Houston. There

continued page 2

limit, no fishing, and canines not welcome on bridge or island.

As previously reported, bridge work with an eye toward eventual public use will include new fasteners and installation of a mesh wire railing, initial cost estimates in the range of \$37,000.

Commissioner Levine, by the way, is double or triple tasking this week as he continues to oversee the county's broadband efforts and, with hammer in hand, is preparing to work with Building Inspector

continued page 8

Spiffing Up for Summer at Hinsdale Museum...



ale Road & Bridge Crew

Town Meeting,

continued from page 1

will also be a public Meet and Greet, as well as the in-person interviews. The tentative times for these happenings are 1 p.m.

Discussion of Drought Plan for upcoming season

The discussion for the Drought Plan this year started out with Joanne Fagan saying, "It's not looking good this summer." Trustee Kendall then reinforces Fagan's statement with her own observations, mentioning that the snowpack this year is similar to that of 2019, when Hinsdale County saw an influx of avalanches.

In early 2018, a year that also saw precipitation comparable to this past winter, the Board of Trustees set up Resolution No. 1022 - A Resolution of the Board of Trustees of the Town of Lake City Implementing Stage I Voluntary Water Restrictions Pursuant to the Town of Lake City Code 21-35-A.

Mayor Vierheller says the drought is something the town is preparing for, telling the BOT they should be thinking about this situation and that it will be put on the agenda for the next meeting, at which time the BOT will discuss it in more detail and will know more about how the town of Lake City may be impacted and what measures will be taken to offset the effects of the drought.

Update on Third Street Project

According to Fagan, a notice from CDOT has been received, indicating that paperwork is ready to be sent on to HQ for authorization. Fagan admits that response to the Third Street Project came sooner than

expected, and the project may get off to an earlier start than originally expected, perhaps even by mid-August.

Doug Hamel questioned how construction in August and September would interfere with events happening during this time, and it was agreed that the town would handle whatever may happen, likely by simply shutting down construction during events, working around any construction, and ensuring everyone's safety.

Discussion of "Plan for Potties"

Further dialogue is met with good news concerning the efforts of Kristie Borchers to install new vault toilets (not portable toilets) at several key areas in and around Lake City and Hinsdale County. Borchers announced that the grant to request funds for the "Plan for Potties" was due mid-May and had already been approved, for a total of approximately \$306,000 for six toilets, installed.

As mentioned in an earlier *SILVER WORLD*, proposed sites for these new toilets are Lake City Ski


Hill; Pump House Park at the Mouth of Henson Creek; the Crystal Lake Trailhead; the Ute-Ulay Mine; plus, potentially Wupperman Campgrounds and the new peninsula park at the county boat dock at Lake San Cristobal.

Mayor Vierheller gave Borchers a thumbs up on all the projects and work she has been doing aimed at improving Hinsdale County, and he was met with equal approval from all the trustees.

Discussion of Memorandum of Understanding
With Hinsdale County School District to make Town of Lake City Armory the established shelter site for students and staff in an evacuation event -

Rebecca Hall, Superintendent/Principal of Lake City Community School, presented a memorandum to the town making the Armory the established shelter site for the school's students and staff in case of an emergency.

A motion for the memorandum was made by Linda Payne, seconded by Jud Hollingsworth, and approved by the board.



I FIGURE IT'S FOR
STAR-WATCHING,
MAYBE FOR LOOKING AT
THE MOUNTAINS. IT
COULD BE A RACCOON
HUTCH.

men distributor is a part of the Love's company.

Gunnison Auto and Performance did not have a shortage Tuesday, but employees said they have been busier than ever.

With an increase in tourist traffic, gas stations are having to adjust to volume increases. Especially with large camper vehicles and trucks being rerouted on Hwy. 92 due to construction on Hwy. 50, vehicles are in need of more fuel when they reach Gunnison, gas station employees said.

Correction

The story "A leap into summer" in last week's edition incorrectly stated the water levels in Blue Mesa and Taylor reservoirs.

Taylor Reservoir is now at 73% of capacity with a predicted operations plan to bring it up to 76%. But, due to low runoff this year, it is predicted to come down to about 46% of capacity by October.

Blue Mesa Reservoir is now at 47% capacity, and it is expected to drop throughout the summer and possibly reach as low as 37% capacity by October, which would be a drop of about 24 feet from the present level.

Gunnison Country
Times

June 17, 2021

known community members. But the council went with a fifth option — Jasmine Whelan.

Whelan is a bartender and manager at the Dogwood. She has lived in Crested Butte for two years, and has recently been involved in advocating for workforce housing solutions alongside other service industry workers.

She pitched herself to council members as someone who could bring a needed perspec-

labor in Uzbekistan and worked on a project to eliminate child labor among the food company Nestle's major hazelnut suppliers in Turkey.

Prior to joining the Department of Labor, Whelan earned a Masters degree at Harvard University and worked for the Clinton Foundation.

Whelan told the *Times* that she became burnt out on her work in the federal government, decided to drop out of that


feels the housing pressure and uncertainty put on workers who live in town.

Others in the running for the open council seat were Ian Billick, executive director of the Rocky Mountain Biological Laboratory, who has served on the Gunnison County Metropolitan Recreation District board and on the County Planning Commission. Artist Shaun Horne stepped up as a nominee, as well, alongside

read the whole meeting, she said.

The council seat will be election in November. said she intends to run.


(Sam Liebl can be contacted at 970.641.1414 or email at sam@clarkentimes.com)



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PANORAMIC VIEWS
from this 36 acre parcel in the Blue Mesa Subdivision with deeded water rights to the spring. Views of the Powderhorn wilderness & wildlife galore. Upper parcel backs up to BLM lands & lower parcel has the pond. 297 Uncompahgre Drive; **\$85,000.**

HOME ON 5 MINING CLAIMS in Ohio City features an excellent mixture of wildlife, nearby trails, aspen, pines & 300 feet of Gold Creek frontage. 3 bdrm/2 bath house, huge attached garage, large detached barn, touched by Forest Service lands. 5498 County Road 771; **\$1,750,000.**

GREAT MOUNTAIN PROPERTY with west facing slope overlooking town of Pitkin. Power & telephone are nearby. High speed TV/ITV from your property to the town. Take a tour of the Cumberland Pass; 500 Park St; **\$58,000.**

NEW LISTING Spacious 4 bdrm/2 bath home located close to the new public library, Char Mar Park & the Van Dyke. Updated kitchen appliance package, walk-in pantry, storage, fenced yard. 16 Quartz Street; **\$499,000.**

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.**

FOR LEASE Looking for indoor storage? This freshly remodeled garage has 440sf downstairs, 2 bay garage space & a loft area with 210sf. Updated electrical & LED lighting; 43188 Highway 50 Unit A; **\$850/month.**

77 ACRES with 360 degree views from this cabin site near Blue Mesa Reservoir offers a seasonal spring-fed pond, RV parking, shed, & is ready for your hunting camp or summer cabin; 12000 County Road 26; **\$129,900.** Possible owner financing.

NEW LISTING Fantastic opportunity to own 53 acres in Saguache County with great summer & fall access and views. Private location ideal for an off-grid cabin or hunting cabin; 4600 County Road 42; **\$100,000.**

NEW LISTING Charming, 2-story Victorian is 3 bdrm/3 bath with a detached 3 car garage. House features hardwood floors, granite countertops & an open kitchen concept. Spacious upstairs master with attached yoga room, outdoor back patio that is great for entertaining. 808 N. 12th St; **\$749,000.**

NEW LISTING Peace cozy 3 bdrm/2 bath home with 3 car detached garage. Just a fifteen minute drive from downtown & on school bus route. Features include wood floors, covered porch & a fenced back yard. 791 Antelope Road; **\$525,000.**

COUNTRY HOME on 2.31 acres is 3 bdrm/2 bath with an office. The level with a carport & barn/workshop. Hardwood floors, built-in 1982 south facing deck with lovely views. Newly remodeled kitchen & laundry room, all just a few minutes from Gunnison. 31 Lane; **\$390,000.**

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

3/4 ACRE BUILDING SITE in North Valley right at Cranor Hill ski area with amazing views of the Creek Valley and ranchlands to the north. Ready for you to build your new house; 105 Sequoia Drive; **\$65,000.**



Visit listings at: www.clarkeagency.net



Crested Butte News
June 18, 2021

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Atmospheric research getting underway in the valley

Science at the headwaters

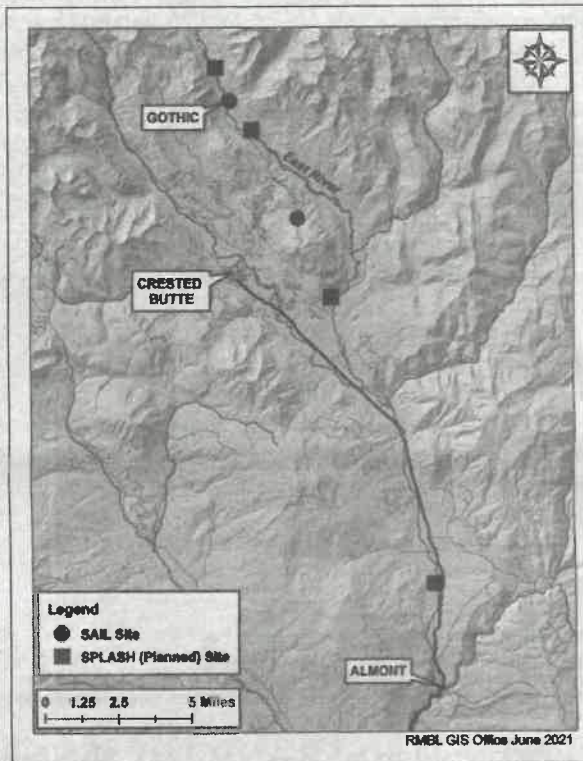
[COURTESY OF RMBL]

Visitors to the East River Valley may notice radars, weather balloons and other atmospheric sensors showing up at several locations this summer. This is part of an intensive research effort focused on a key watershed of the Colorado River Basin to understand and predict weather and water in complex mountainous environments.

The timing of this research could not come any sooner as drought conditions in the American southwest have reached a level that scientists are calling a "mega-drought." This has always been an arid region but mountain runoff into the Colorado River and a series of dams allowed cities and economies to flourish. The Colorado River provides water for 40 million people and according to a study by the W.P. School of Business at Arizona State University, supports 16 million jobs and has an economic impact of more than \$1 trillion. This is now under threat as drought conditions have reduced reservoir levels to near historic lows and set the stage for drastic and difficult decisions. In the absence of a crystal ball, it is up to science to provide answers and where better to start looking for answers than at the source.

Mountains act as nature's water towers, providing fresh water for many of the world's communities and natural systems. They are also inherently complex environments to predict where and how precipitation forms. To address this, the Department of Energy (DOE) and the National Oceanic and Atmospheric Administration (NOAA) will install a variety of instruments in the East River Valley to understand where and how rain and snow form and what happens when it hits the ground on its way to the Colorado River.

SAIL, or the Surface Atmosphere Integrated Field Laboratory, is a two-year atmospheric research project funded by the DOE. It is a mobile observatory with dozens of instruments mounted on balloons, tripods, trailers, towers and shipping containers that measure atmospheric, surface and soil properties. The Rocky Mountain Biological Laboratory will host much of the observatory at Gothic, with additional instruments on Crested Butte Mountain. Site preparation work is underway at Gothic and the observatory will start taking



COURTESY IMAGE

measurements in September of 2021.

SPLASH, which stands for the Study of Precipitation, Lower Atmosphere and Surface Hydrometeorology, is a one-year project by NOAA to study weather and water over mountainous terrain. The project will collect data at several sites in the Valley to develop and improve mountain weather and water prediction models. The SPLASH instruments will start arriving in September of 2021 and be in the Valley until the summer of 2022.

The confluence of these research projects with existing hydrology studies creates one of the world's most integrated field laboratories for weather and water research in a mountain environment. It will generate new insights and approaches to understanding water resources that flow into the Colorado River Basin and constrain climate prediction models in similar environments around the world to understand the impacts of drought and climate change on this valuable resource.

To learn more, please go to www.rmbll.org/atmospheric-research-at-rmbll.

Community Climb out of the Darkness Walk June 26 in Gunnison

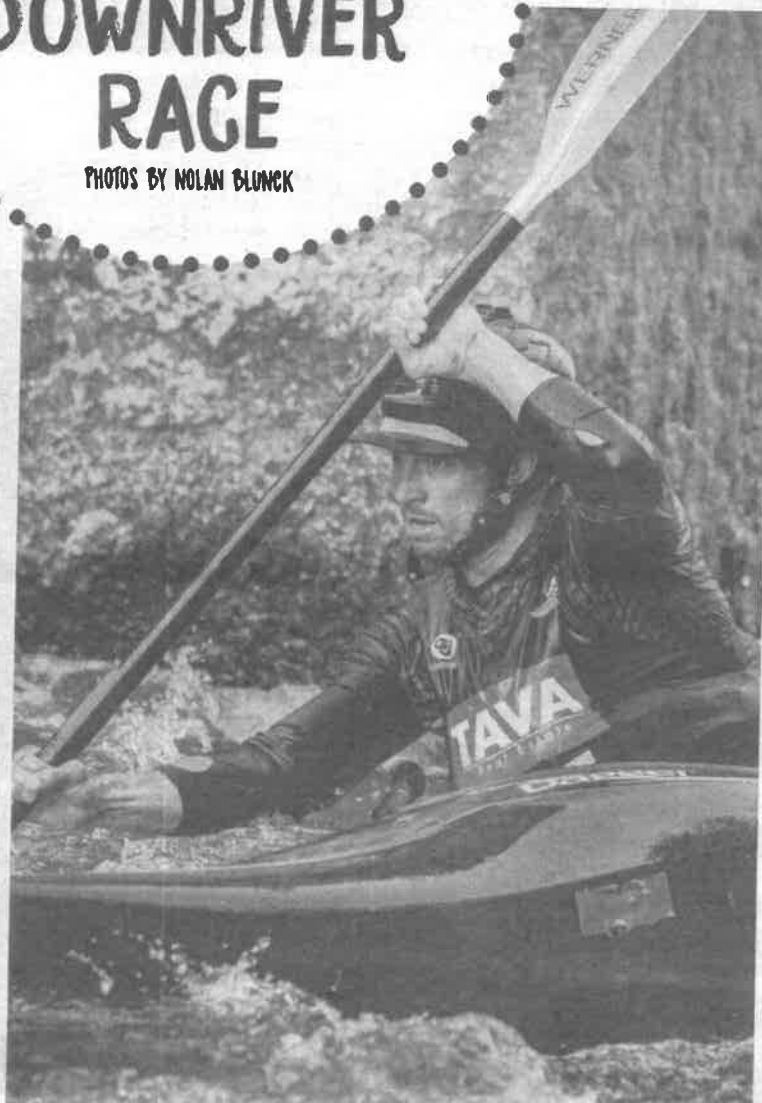
Please, join the local Postpartum Support
International organization on Saturday, June 26
from 9 a.m. - noon at Charmar Park in Gunnison

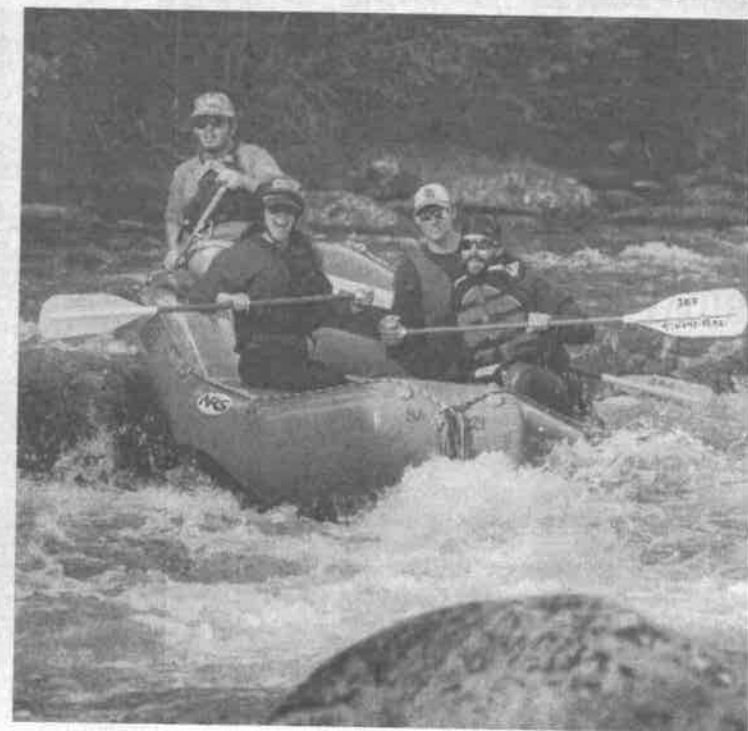
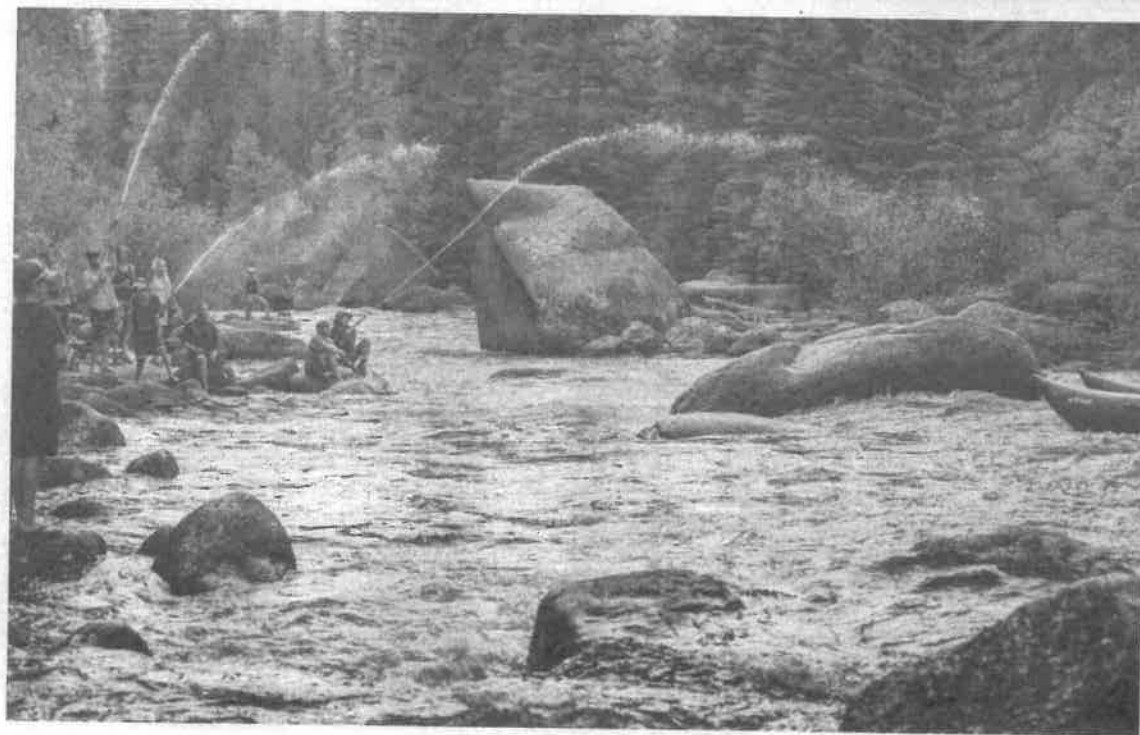
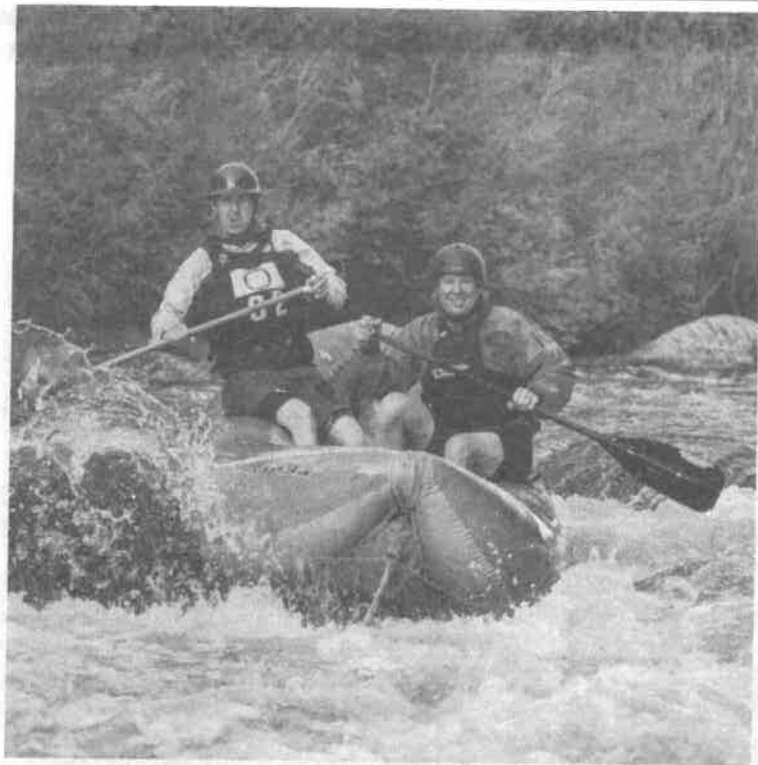
event. Women can suffer from these disorders
regardless of culture, race or income, and it is
so important to know you are not alone. In fact,

Gunnison
River
Festival

SCENES FROM THE
**TAYLOR CANYON
DOWNRIVER
RACE**

PHOTOS BY NOLAN BLUNCK





AGENDA ITEM 13

Citizens Comments

AGENDA ITEM 14

Future Meetings

FUTURE MEETINGS/EVENTS

- ▶ Independence Day Holiday (Observed), Offices Closed - July 5
- ▶ Taylor Local Users Group (TLUG) Meeting - July 7, 9 AM (in person)
- ▶ 4-H Junior Livestock BBQ & Auction - July 10, Noon (UGRWCD sponsors)
- ▶ Watershed Management Planning Meeting - July 12, 1:30 PM
- ▶ Gunnison Basin Roundtable Meeting - July 19, 4 PM
- ▶ UGRWCD and WAE BOARD MEETING - July 26, 4 PM - followed by project tours at 4:30 PM and Networking Social - 7 PM at Garlic Mike's
- ▶ Watershed Management Planning Meeting - August 9, 1:30 PM
- ▶ UGRWCD Senior Staff Evaluations - August 10, Noon
- ▶ UGRWCD BOARD MEETING - August 23, 5:30 PM
- ▶ CO River District Annual Seminar - Sept 21-24, 2021

AGENDA ITEM 15

Summary of Action Items

AGENDA ITEM 16

Adjournment